### 21 206 00 € 16 03 8 28 09818 12 \$ 57 21 243 00X40 03 8 33 09817 13≈16 22 \$\pi 19 01X05 03 8 38 09 8 16 13 34

03 8 44

03 8 50

03 8 56

04803

04811

04 8 18

04 & 26

04834

04843

06 g 52

07 8 05

07 <del>8</del> 18

07831

07 **8** 45

07 g 59

08 8 13

08 8 27

Vesta

08 8 41

08 8 56

09811

09 g 26

09842

09 g 58

10813

10830

10 g 46

11802

11819

11836

11 g 53

12 <del>8</del> 11

12 8 28

12 g 46

13804

13 8 22

13840

13 g 59

14817

14 & 36

14 <sub>8</sub> 55

15814

15 g 33

15 g 53

Vesta

Psyche

01X29

01<del>X</del>54

02X19

02X44

03X09

03X34

03X59

04¥25

10X00

10€27

10**X**53

11**X**19

11**X**46

12**X**13

12\<del>X</del>39

13¥06

**Psyche** 

13**X**33

13**X**59

14**X**26

14**X**53

15**X**20

15**X**47

16 € 14

16**X**41

17¥08

17¥35

18¥02

18**X**30

18**X**57

19Ж24

19**X**52

20X19

20X46

21X14

21X41

22X09

22**X**36

23X04

23\<del>X</del>32

 $23 \pm 59$ 

24X27

24X55

Asteroids Ephemeris January 1980, 00:00:00, New York, New York, Longitude

Chiron Ophelia

13 253

14≈12

14#31

14 \$\pi 50

15 209

15 \$\pi 28

15 \$ 48

16≈07

16≈26

20 20

20 \$\pi 40

20≈59

21 219

21#39

21≈59

22 2 19

22#38

22\$58

23 218

23#38

23 \$ 58

24 2 18

24\\$38

24≈58

25 \$ 18

25 \$ 38

25 \$ 58

26**≈**18

26≈37

26**≈**57

27≈17

27 37

27 \$ 57

28 27

28 37

28≈57

29 27

29#37

29

57

00 × 17

00¥37

00X57

01**光**17

09 8 15

09 B 14

09 8 13

09812

09812

09811

09810

09810

09 g 09

09809

09809

09 B 09

09810

09810

09811

09811

09 8 12

09 g 13

09814

09 8 15

09 8 15

09 g 16

09 X 18

09 B 19

09820

09821

09822

09824

09 8 25

09 g 26

09 & 28

09830

09831

09833

09835

09836

09 g 38

09840

09842

09844

09846

09848

09850

Chiron Ophelia

February 1980, 00:00:00, New York, New York, Longitude

Amor

18MP14

19MP00

19MP46

20MP33

21MP20

22MP08

22MP56

23MP45

24MP34

25MP24

26MP14

27MP05

08 - 04

09~03

10**∽**04

11-05

12**-2**07

13**-2**09

14**--**13

15**-**217

Amor

16**-2**22

17**-**28

18**~**35

19**-2**43

20-251

22-201

23**-2**11

24-22

25**-**34

26-47

28 - 00

29-2-14

00M30

01№46

03M<sub>02</sub>

05M38

06M57

08M<sub>16</sub>

09№36

10M56

12M-17

13M39

15M<sub>0</sub>1

16M<sub>2</sub>3

17ሙ45

Astarte

091714

09MP14

09MP14

09MP13

09MP12

09MP11

0911709

09MP06

09MP04

0911701

08MP57

08M753

07MP36

07MP27

07MP18

07MP08

06MP58

06MP48

06MP37

06MP27

Astarte

06MP 15

06MP04

05MP52

05MP40

05MP27

05MP15

05MP02

0417748

04MP35

041121

04MP08

03MP54

03MP40

03MP25

03MP11

02MP56

0217742

0211927

02MP12

0111757

01M743

011728

0111713

00M758

00MP43

00M28

**Erato** 

00**オ**10

00 **₹**27

00×744

01×701

01 17

01734

013750

02₹06

02723

02×739

02 7 55

03₺711

06 🗷 15

06×730

06⊀44

06×759

07×713

07*≯*727

07×741

07 ₹ 55

Erato

08×709

08 🗷 23

08≯736

08 🛪 50

09×703

09才16

09オ29

09×742

09 🗷 54

10 7 07

10 7 19

10×731

10 🗷 43

10 ₹ 55

113707

11 7 18

11730

11 7 41

11 7 52

12 7 0 3

12 7 13

12 7 24

12 7 34

12 3 44

12 7 54

13*≯*704

11 <b>T</b> 52	223607	23 <b>X</b> 39	28 <b>≈</b> 26	05 <b>X</b> 15	04 & 52	09809	16 <b>≈</b> 45	27 <b>17</b> 56	08 <b>m</b> 49	03≯27
12 <b>个</b> 07	21352	24 <b>X</b> 19	29 <b>≈</b> 02	05 <b>X</b> 41	05 8 02	09809	17≈05	28 <b>M</b> 48	08 <b>M</b> 245	03≯743
12 <b>T</b> 22	21937	24 <b>光</b> 59	29 <b>≈</b> 39	06₩07	05 წ 11	09 B 08	17≈24	29 <b>17</b> 40	08 <b>m</b> 40	03≯758
12 <b>°</b> 37	21322	25 <b>X</b> 39	00 <b></b> €16	06 <b>X</b> 32	05 & 21	09 B 08	17≈43	00 <b>≏</b> 34	08 <b>m</b> /34	04≯714
12 <b>T</b> 53	213607	26 € 20	00¥53	06 <del>¥</del> 58	05 8 32	09 B 08	18≈03	01 <b>-</b> 28	08 <b>17</b> 28	04≯730
13 <b>个</b> 08	20353	27 <b>X</b> 01	01 <b>X</b> 30	07ℋ24	05 8 42	09 B 08	18 <b>≈</b> 22	02 <b>-2</b> 23	08 <b>m</b> 22	04≯745
13℃24	20338	27 € 42	02 <b>X</b> 08	07 <del>¥</del> 50	05 <del>8</del> 53	09 B 08	18 <b>≈</b> 42	03 <b>≏</b> 18	08 <b>m</b> 15	05≯700
13℃40	20324	28 <b>X</b> 23	02 <b>X</b> 45	08 <b>X</b> 16	06 8 04	09 X 08	19≈02	04 <b>-</b> 214	08 <b>m</b> 08	05≯16
13℃56	209310	29₩03	03¥22	08ℋ42	06 ႘ 16	09 X 08	19 <b>≈</b> 21	05 <b>≏</b> 10	08 <b>m</b> 201	05≯731
14 <b>T</b> 13	19356	29ℋ45	03 € 59	09₩08	06 ႘ 28	09 B 08	19≈41	06 <b>≏</b> 07	07 <b>m</b> 53	05≯746
14 <b>T</b> 29	19 <b>2</b> 43	00℃27	04∺36	09€34	06 <del>8</del> 40	09 B 08	20≈00	07 <b>≏</b> 05	07MP45	06≯701
	12 <sup>07</sup> 12 <sup>07</sup> 12 <sup>08</sup> 12 <sup>08</sup> 13 <sup>08</sup>	12m07 21s52 12m22 21s37 12m37 21s22 12m53 21s07 13m08 20s53 13m24 20s38 13m40 20s24 13m56 20s10 14m13 19s56	12m07 21s52 24x19 12m22 21s37 24x59 12m37 21s22 25x39 12m53 21s07 26x20 13m08 20s53 27x01 13m24 20s38 27x42 13m40 20s24 28x23 13m56 20s10 29x03 14m13 19s56 29x45	12で07     21 %52     24米19     29※02       12で22     21 %37     24米59     29※39       12で37     21 %22     25米39     00米16       12で53     21 %07     26米20     00米53       13で08     20 %53     27米01     01米30       13で24     20 %38     27米42     02米08       13で40     20 %24     28米23     02米45       13 で56     20 %10     29 米03     03 米22       14 で13     19 %56     29 米45     03 米59	12で07     21 352     24 ※19     29 ※02     05 ※41       12で22     21 37     24 ※59     29 ※39     06 ※07       12で37     21 322     25 ※39     00 ※16     06 ※32       12で53     21 307     26 ※20     00 ※53     06 ※58       13で08     20 353     27 ※01     01 ※30     07 ※24       13 724     20 38     27 ※42     02 ※08     07 ※50       13 740     20 324     28 ※23     02 ※45     08 ※16       13 756     20 30 10     29 ※03     03 ※22     08 ※42       14 7 13     19 356     29 ※45     03 ※59     09 ※08	12m07     21 第52     24 米19     29 ※02     05 米41     05 8 02       12m22     21 第37     24 米59     29 ※39     06 米07     05 8 11       12m37     21 第22     25 米39     00 米16     06 米32     05 8 21       12m53     21 第07     26 米20     00 米53     06 米58     05 8 32       13m08     20 第53     27 米01     01 米30     07 米24     05 8 42       13m24     20 第38     27 米42     02 米08     07 米50     05 8 53       13m40     20 第24     28 米23     02 米45     08 米16     06 8 04       13m56     20 第10     29 米03     03 米22     08 米42     06 8 16       14m13     19 第56     29 米45     03 米59     09 米08     06 8 28	12m07     21w52     24米19     29≈02     05米41     05 802     09 809       12m22     21w37     24米59     29≈39     06米07     05 811     09 808       12m37     21w22     25 39     00 16     06 32     05 821     09 808       12m53     21w07     26 20     00 53     06 58     05 832     09 808       13m08     20w53     27 20     01 30     07 32     05 842     09 808       13m24     20w38     27 32     02 32     02 32     03 32     03 82     03 82       13m40     20w24     28 32     02 32     03 32     08 32     09 808       13m56     20w10     29 32     03 32     08 32     09 808       14m13     19w56     29 32     03 32     09 32     08 32     09 808	12个07     21窓52     24米19     29窓02     05米41     05 802     09 8 09     17窓05       12个22     21窓37     24米59     29窓39     06米07     05 8 11     09 8 08     17窓24       12个37     21窓22     25米39     00米16     06米32     05 8 21     09 8 08     17窓43       12个53     21窓07     26米20     00米53     06米58     05 8 32     09 8 08     18窓03       13个08     20窓53     27米01     01米30     07米24     05 8 42     09 8 08     18窓22       13个24     20窓38     27米42     02米08     07米50     05 8 53     09 8 08     18窓42       13个40     20窓24     28米23     02米45     08米16     06 8 04     09 8 08     19窓02       13个56     20窓10     29米03     03米22     08米42     06 8 16     09 8 08     19窓21       14个13     19窓56     29米45     03米59     09米08     06 8 28     09 8 08     19窓41	12m07     21 552     24 19     29 202     05 341     05 802     09 809     17 205     28 18 48       12m22     21 37     24 59     29 29 39     06 507     05 811     09 808     17 24     29 14 40       12m37     21 52     25 39     00 16     06 32     05 821     09 808     17 43     00 34       12m53     21 507     26 520     00 53     06 58     05 832     09 808     18 203     01 28       13m08     20 53     27 501     01 30     07 324     05 842     09 808     18 22     02 23       13m24     20 38     27 542     02 508     07 50     05 853     09 808     18 22     02 22       13m40     20 32     28 38     27 542     08 36     08 36     08 808     19 20     04 21       13m56     20 30     29 503     03 36     08 36     08 36     08 36     19 20     05 21       14m13     19 56     29 36     03 36     09 36     08 36     08 36     08 36     19 36	12m07     21 552     24 19     29 202     05 341     05 802     09 809     17 205     28 748     08 745       12m22     21 537     24 59     29 29 39     06 507     05 811     09 808     17 24     29 740     08 740       12m37     21 522     25 39     00 346     06 32     05 821     09 808     17 343     00 34     08 74       12m53     21 507     26 30     00 36     06 32     05 832     09 808     18 203     01 28     08 728       13m08     20 53     27 301     01 30     07 30     07 30     07 30     07 30     08 30     18 20     02 20     02 30     08 722       13m24     20 538     27 30     02 30     07 30     07 30     05 853     09 808     18 30     01 20     02 20     08 30     08 30     18 30     01 20     02 20     03 20     03 20     03 20     03 20     04 20     0

05X14

05X51

06¥28

07**X**06

07 X 43

08¥20

08 X 58

09X35

10 X 13

10 X 50

11**X**27

12¥05

12\**£**42

13**X**20

13**X**58

14**X**35

15**X**13

15\£50

16**¥**28

17**X**06

17 × 43

18**X**21

18**X**58

19**X**36

20 X 14

20X51

21**X**29

22X07

22X44

23¥22

24¥00

24**X**37

25X15

25X53

Sappho

04<del>X</del>50

Sappho

22 \$ 56

23 2 32

24\pi09

24

45

25 \$\infty 22

25 \$ 58

26≈35

27

12

**Eros** 

15¥57

16**X**34

17¥12

17\£50

18**X**28

19X06

19**X**44

20¥23

21¥02

21X41

22\£20

01T09

01T51

02T33

03T15

03T58

04T41

05T24

06T07

**Eros** 

06T50

07T34

08T17

09T01

09 145

10T29

11T14

11T58

12T43

13T28

14T13

14T58

15T44

16**T**29

17T15

18T01

18T47

19T33

20T20

21T06

21T53

22T40

23T27

24T14

25T02

25T49

11**T**38 23**X**00 27×49

22822

19830

198317

193604

18 \$ 52

185340

18529

18 % 18

183607

Juno

179557

175347

17537

17528

17820

175612

175304

16957

16%51

16%44

16839

16534

16829

16325

16%21

165318

169315

16 % 13

165611

165610

16809

16%09

162609

165310

165311

165313

Juno

25%06

24%52

24%38

24823

24%08

23 25 53

23 23 38

23 26 23

23508

22553

22538

Day

1

2

3

4

5

6

7

8

9

10

11

12

24

25

26

27

28

29

30

31

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

Day

Ceres

09T12

09T24

09T36

09T49

10T02

10T15

10T28

10T41

10 T 55

11T09

11T23

14T46

15T03

15**T**20

15T37

15T55

16T12

16T30

16T48

Ceres

17T06

17T24

17T42

18T01

18T19

18 T 38

18**Y**57

19T16

19<sub>T35</sub>

19T55

20T14

20 T 34

20T53

21T13

21T33

21T53

22T13

22T33

22T54

23T14

23T35

23T56

24T16

24T37

24T58

25T19

27	25Ƴ41	16%15	26Ƴ37	26 € 30	25₩22	16 <del>8</del> 12	09 X 52	01¥37	19M <sub>0</sub> 8	00MP14	13🖈13
28	26℃02	165317	27↑25	27 € 08	25 <del>¥</del> 50	16 X 32	09 8 55	01 <b>光</b> 57	20№31	29 <i>Q</i> 59	13🛪 23
29	26℃23	16%20	28介13	27 <b>X</b> 46	26 € 18	16 & 52	09 8 57	02 <b> ±</b> 17	21M-55	29&44	13× <b>7</b> 32
							w York, N		ongitud.	е	
Day	Ceres	Juno			Psyche	Vesta	Chiron (		Amor	Astarte	Erato
1	26 <b>T</b> 45	16%24	29介01	28 € 23	26 € 46	17 <del>8</del> 12	09 8 59	02 <b>X</b> 37	23№18	29 გ 30	13≯741
2	27℃06	16%28	29↑49	29 € 00	27¥13	17 8 32	10802	02 <del>¥</del> 56	24№41	29&15	13×749
3	27↑28	16%32	00838	29 € 38	27€41	17 X 52	10804	03 € 16	26№05	29&01	13 🛪 58
4	27介50	16%37	01827	00介16	28¥09	18 8 13	10807	03 € 36	27№28	28&48	14×706
5	28介12	16%42	02815	00介54	28€37	18 8 33	10809	03 € 56	28M-51	28 Ω 34	14 🗷 14
6	28↑33	16%48	03804	01 <u>T</u> 31	29€04	18 8 54	10 8 12	04 € 16	00 <i>≯</i> 14	28&20	14722
7	28 ↑ 55	16%54	03 8 53	02↑09	29₩32	19 8 15	10814	04 € 35	01×37	28207	14×729
8	29 17	17900	04843	02 <b>T</b> 46	00T01	19 8 35	10817	04€55	02×759	27 Ω 54	14×737
9	29↑39	17507	05832	03 <b>↑</b> 24	00T29	19 8 56	10820	05¥15	04×721	27.0.41	14×744
10	00802	175314	06822	04T02	00T57	20 8 18	10 8 22	05¥34	05×742	27 Ω 28	14×751
11	00 8 24	17822	07811	04T39	01125	20 8 39	10 8 25	05¥54	07×703	27 Ω 16	14×758
12	00846	17530	08801	05 <b>↑</b> 17	01个53	21 8 00	10828	06¥14	08×723	27Ω04	15×704
13	01809	17538	08851	05介54 06介32	021	21 8 22	10831	06¥33	09×743	26 <i>Q</i> 52	15⊀10 15⊀16
14 15	01 8 31 01 8 54	17%47 17%56	09 8 4 1 10 8 3 1	061132 07 <b>1</b> 09	02Ƴ49 03Ƴ17	21 8 43 22 8 05	10 8 34 10 8 37	06¥53 07¥13	11×702 12×720	26&40 26&29	15 🛪 16
16	02816	18306	11822	07 T 09 07 <b>~</b> 46	03117	22 8 27	10837	07 <del>X</del> 13	13738	26 <i>Q</i> 18	15728
17	02839	183615	12812	07 T 40 08 <b>↑</b> 24	04 <sup>1</sup> 13	22 8 49	10843	07 <del>X</del> 52	14754	26 <sub>2</sub> 07	15733
18	03 8 02	18326	13 8 03	09°T01	04113	23 8 11	10846	07 <del>X</del> 32	16×710	25&57	15738
19	03 8 25	18336	13 8 53	09 T 39	05T09	23 8 33	10849	08¥30	17×725	25 <i>Q</i> 47	15×743
20	03 8 48	18%47	14844	10 <sup>1</sup> 16	05137	23 8 55	10852	08¥50	18738	25&37	15×747
21	04811	18358	15 8 35	10 T 13	06T05	24 8 18	10 8 55	09¥09	19751	25 Ω 28	15 🛪 51
22	04834	19810	16 8 27	11个31	06T33	24 8 40	10 8 58	09 € 28	21703	25Ω19	15 🛪 55
23	04857	19321	17 8 18	12℃08	07T01	25 8 03	11802	09 € 48	22714	25 Ω 10	15 🛪 59
24	05820	19%33	18 8 09	12介45	07℃29	25 X 25	11805	10 € 07	23×23	25&02	16703
25	05 8 43	193646	19801	13℃23	07介58	25 <del>8</del> 48	11808	10 € 26	24732	24&54	16才06
26	06 g 06	19359	19 8 52	14 <b>°</b> 00	08 <b>T</b> 26	26 8 11	11 8 11	10 <b></b> ¥45	25🛪 39	24&47	16≯709
27	06 წ 29	20%12	20 8 44	14Ƴ37	08 <b>T</b> 54	26 <del>8</del> 33	11 8 15	11 <b>光</b> 04	26≯746	24&40	16≯11
28	06 <del>8 5</del> 3	20325	21 8 36	15Ƴ14	09℃22	26 <del>8</del> 56	11 8 18	11 € 23	27 <i>オ</i> 51	24&33	16≯14
29	07 ႘ 16	20338	22 & 28	15Ƴ51	09 <b>T</b> 50	27 <del>8</del> 19	11 8 22	11 <b>光</b> 42	28≯755	24&27	16 <b>水</b> 16
30	07 8 39	20%52	23 8 20	16℃28	10Ƴ18	27 <b>8</b> 43	11 8 25	12 <b>¥</b> 01	29 <b>才</b> 57	24&21	16 🗷 18
31	08 8 03	213606	24 & 12	17介06	10Ƴ46	28 8 06	11 8 28	12 € 20	01V\$00	24ଯ 16	16× <b>7</b> 19
	_	_					w York, Ne				
Day	Ceres	Juno			Psyche		Chiron (			Astarte	Erato
1	08 8 26	21%21	25 8 05	17介43	11114	28 8 29	11832	12€39	02V\$00	24&11	16×720
2	08 8 50	21%35	25 8 57	18↑20	11142	28 8 52	11835	12€58	03/100	24&06	16×721
3	09814	213550	26 8 50	18介57	12 <b>1</b> 10	29 8 15	11839	13 € 17	03V\$58	24&02	16 7 22
4	09837	22305	27 8 42	19 <b>T</b> 34	12个39	29 8 39	11842	13¥35	041355	23&58	16×723
5	10801	22320	28 8 35	20 <b>T</b> 11	13 <sup>0</sup> 7	00 II 03	11846	13¥54	05V351	23 2 5 5	16 7 23
6	10825	22 <b>%</b> 36 22 <b>%</b> 52	29 8 27	20 <b>T</b> 47	13 735	00 II 26	11850	14¥13	06V345	23&52	16×723
7 8	10 8 48 11 8 12	22%52	00 II 21	21 T 24 22 T 01	14个03 14个31	00 II 50 01 II 14	11 8 53 11 8 57	14 <b>¥</b> 31 14 <b>¥</b> 50	07が38 08が31	23 0 47	16×722
9	11836	23%07	01 II 14 02 II 07	22 T 0 T	14 T 3 T	01 II 14	12801	15 <del>X</del> 50	09/321	23&47 23&45	16≯721 16≯720
10	12800	233640	02 II 07	22 T 36	15 <sup>1</sup> 27	02 11 02	12801	15 <del>X</del> 06	101311	23&43	16719
11	12824	23357	03 II 54	23 T 15	15 T 27	02 II 02 02 II 25	12804	15 <del>X</del> 26	10/311	23&42	16×19
12	12 8 48	24%14	03 II 34 04 II 47	24 <sup>28</sup>	16 <b>T</b> 23	02 II 23	12812	16¥03	11/347	23&42	16×16
13	13812	24%31	05 II 41	25T05	16°T51	03 II 14	12816	16¥21	12V\$33	23&41	167114
14	13 8 36	24%48	06 II 34	25T42	17 <sup>1</sup> 19	03 II 38	12819	16¥39	13/317	23&42	16×11
15	14800	25%05	07 II 28	26 T 18	17 <b>1</b> 10	04 11 02	12 8 23	16¥57	14/301	23&42	167108
16	14824	25%23	08 II 22	26T55	18 <b>°</b> 15	04 II 26	12827	17 <b>光</b> 15	14/343	23 Ω 43	16705
17	14 8 48	25%41	09 II 16	27介31	18Ƴ43	04 II 50	12831	17₩33	151324	23 Ω 44	16🛪02
18	15 8 12	25%58	10 X 10	28か08	19 <b>°</b> 11	05 II 15	12834	17 <b>光</b> 51	16V304	23&46	15≯758
19	15 8 36	26%17	11 <b>I</b> I 04	28介44	19Ƴ39	05 <b>I</b> 39	12 8 38	18 € 09	16 <b>1</b> 342	23 მ 48	15≯754
20	16801	26%35	11 🛚 58	29↑20	20107	06 II 04	12842	18 € 26	17 <b>v</b> 319	23&51	15≯750
21	16 <del>8</del> 25	26%53	12 <b>I</b> 52	29介57	20 <b>T</b> 35	06 II 28	12846	18 € 44	17ฬ55	23&53	15≯746
22	16 <del>8</del> 49	27% 12	13 🛚 46	00 8 33	21个03	06 X 53	12850	19≆01	18 <b>V</b> \$30	23 <i>&amp;</i> 57	15≭741
23	17 <del>8</del> 13	27%31	14 X 41	01 & 10	21个31	07 II 17	12854	19ℋ19	19V304	24&00	15≯736
24	17 <del>8</del> 38	27%50	15 <b>I</b> I 35	01 8 46	21个59	07 II 42	12 8 58	19ℋ36	19V336	24&04	15≯731
25	18 8 02	283609	16 X 30	02 & 22	22 <b>T</b> 26	08 II 07	13801	19ℋ53	20 <b>1</b> 308	24굁08	15≯725
26	18 <del>8</del> 26	28%28	17 II 24	02 წ 58	22介54	08 II 32	13 8 05	20 € 11	20 <b>1</b> 38	24ഹ 13	15⊀19

* <u>27</u>	18 <del>8</del> 50	28%47	18 II 16	03 8 33	23℃21	08 II 55	13 8 09	20 € 27	211305	24ଯ 18	15≯13
28	19 8 14	293606	19 II 11	04 8 09	23介49	09 II 20	13 8 13	20 € 44	21133	24∂23	15≯707
29	19 <del>8</del> 38	29%25	20 II 06	04 <del>8</del> 45	24 <b>T</b> 16	09 II 45	13 8 17	21 <b>X</b> 01	221300	24&29	15≯701
30	20 8 03	29%45	21 X 00	05 & 21	24 <b>T</b> 44	10 X 10	13 8 21	21 <b>光</b> 18	22Vt25	24&35	14≯754
				M 4	000 000		ST starts				
							v York, Ne				
Day	Ceres	Juno			Psyche		Chiron (		Amor	Astarte	Erato
1	20 8 27	00&06	21 II 55	05 8 57	25 <b>T</b> 12	10 II 35	13 8 25	21 <b> </b>	22/349	24Ω41	14×747
2	20 8 52	00 გ 26	22 II 50	06 8 33	25个40	11 X 00	13 8 29	21 € 51	23/1/12	24Ω48	14739
3	21 8 16	00&46	23 II 45	07809	26 <b>T</b> 07	11 II 25	13 8 33	22¥08	23/334	24Ω55	14×732
4	21841	01.006	24 II 40	07 8 45	26T35	11 II 50	13837	22¥24	231/54	25Ω02	14×724
5	22 8 05	01 ე 26	25 II 35	08 8 20	27 <b>°</b> 02	12 II 15	13840	22¥41	241313	25 Ω 10	14×716
6	22830	01&47	26 II 30	08 8 56	27 <b>T</b> 30	12 II 40	13844	22¥57	24/332	25Ω18	14×707
7 8	22 8 54 23 8 19	02.008	27 II 25	09832	27 <b>T</b> 58	13 II 05	13848	23 € 13	241348	25Ω26	13 🛪 59
9	23 8 43	02.0.40	28 II 20	10 8 07 10 8 43	28 <sup>25</sup> 28 <sup>53</sup>	13 X 31	13852	23¥29	251304 251318	25 Ω 35	13≯750 13≯741
10	24 8 08	02&49 03&10	29 II 15 00 S 11	11819	29 <sup>2</sup> 0	13 II 56 14 II 21	13 8 56 14 8 00	23¥45 24¥01	25V3 18	25 Ω 44 25 Ω 53	13732
11	24 8 33	03 <i>Q</i> 31	01306	11854	29 T 20 29 T 47	14 II 46	14804	24×01	25V344	26 <sub>Q</sub> 02	13732
12	24857	03 <sub>0</sub> 251	02301	12 8 30	00815	15 II 12	14808	24 <del>X</del> 17	25V\$54	26 <sub>Q</sub> 12	137713
13	25822	04&14	02357	13 8 05	00842	15 X 12	14812	24 <b>X</b> 48	26V304	26 <sub>Ω</sub> 22	13×13
14	25 8 46	04&35	03352	13 8 40	01810	16 II 03	14816	25 <b>±</b> 03	26V312	26 <i>Q</i> 32	12753
15	26 B 11	04&56	04%47	14 8 16	01837	16 II 28	14820	25 € 19	26Vf 19	26 Ω 43	12743
16	26 b 36	05	05%43	14851	02804	16 X 54	14 8 23	25 € 34	26V325	26Ω54	12733
17	27 8 00	05&40	06%38	15 8 26	02832	17 II 19	14 8 27	25 € 49	26V329	27 ე 05	12722
18	27 8 25	06&01	07534	16 8 0 1	02859	17 II 45	14831	26 € 04	26Vf33	27 Ω 17	12712
19	27 8 50	06&23	08\$29	16 <del>8</del> 36	03 8 26	18 II 10	14 8 35	26 € 19	26 <b>1</b> 35	27	12🛪01
20	28 & 14	06ഹ45	09\$25	17 <del>8</del> 11	03853	18 II 36	14 8 39	26 € 34	26Vf36	27	11≯750
21	28 & 39	07&07	10%20	17 <del>8</del> 46	04820	19 X 01	14 8 43	26 € 48	26Vf35	27ഹ52	11≯740
22	29 8 03	07 ඩ 29	11%16	18 8 21	04847	19 <b>I</b> I 27	14 8 47	27 € 03	26V334	28ഹ05	11≯728
23	29 & 28	07&51	125311	18 <del>8</del> 56	05814	19 🛚 53	14 8 50	27 € 17	26 <b>1</b> 31	28ഹ 18	11≯17
24	29 B 53	08ଯ 14	133607	19831	05841	20 🛚 18	14 8 54	27 <b>¥</b> 31	26Vf28	28ഹ31	11706
25	00 II 18	08പ്പ36	143602	20 8 06	80890	20 🛚 44	14 8 58	27 <b>¥</b> 45	26Vf23	28244	10 ₹ 55
26	00 II 42	08 <i>Q</i> 58	14%58	20 8 40	06835	21 II 10	15802	27 € 59	26V317	28Ω57	10 ₹ 44
27	01 X 07	09&21	15%53	21 8 15	07802	21 🛚 35	15805	28 € 13	26V\$10	29Ω10	10732
28	01 X 32	09&43	16%49	21850	07829	22 II 01	15809	28 € 27	26V302	29Ω24	10 🛪 21
29	01 II 57	10 გ 06	17%44	22 8 24	07856	22 II 27	15813	28 × 40	251352	29Ω38	10×709
30	02 II 21	10 ე 28	185340	22 8 59	08822	22 II 53	15816	28¥53	25/342	29Ω53	09×758
31	02 II 46	10Ձ51	19835	23 0 33 June 1	08849		15 & 20 w York, Ne				U9 X 46
Day	Ceres	Juno	Eros S		Psyche		Chiron (		Amor	Astarte	Erato
Day 1	03 II 11	11Ω14	20331	24 8 07	09 8 16	23 II 44	15824	29 <b></b>	25V319	00M22	09×35
2	03 II 35	11ω37	21326	24842	09842	24 II 10	15827	29 <b>X</b> 32	25V\$05	00M/2Z	09723
3	04 II 00	11&57 11&59	22321	25 g 16	10809	24 II 36	15831	29 <b>X</b> 45	24V351	00M757	09×23
4	04 II 25	12&22	23%17	25 8 50	10835	25 II 02	15835	29¥58	24/336	0111708	09700
5	04 II 49	12 ຄ 45	24%12	26 8 24	11802	25 II 28	15 8 38	00 <b>↑</b> 11	241320	0111124	08748
6	05 II 14	13ᡚ08	25%08	26 8 58	11828	25 II 54	15842	00℃23	24/303	0111739	08≯37
7	05 <b>I</b> 39	13ᡚ31	26%03	27 8 32	11854	26 II 20	15 8 45	00Ƴ35	231346	0111755	08≯726
8	06 II 03	13 $_{\Omega}$ 54	26%58	28 & 06	12821	26 II 46	15849	00Ƴ47	231327	021171	08≯14
9	06 II 28	14 ົ ປ 18	27%54	28 & 40	12847	27 II 12	15 <del>8</del> 52	00介59	231108	0211728	08≯703
10	06 <b>I</b> 53	14ଯ41	28%49	29 8 13	13813	27 II 38	15 <del>8</del> 56	01℃10	22V349	0217744	07≯752
11	07 II 17	15굁04	29%44	29 8 47	13839	28 II 04	15 8 59	01℃22	22Vt28	0311701	07≯741
12	07 II 42	15&27	00പ്പ39	00 II 21	14805	28 II 30	16 8 02	01Ƴ33	221307	03 <b>m</b> 18	07≯30
13	08 II 06	15&51	01&34	00 II 55	14831	28 II 56	16 8 06	01Ƴ44	211346	0311735	07≯19
14	08 X 31	16ᡚ14	02&30	01 II 29	14857	29 11 21	16809	01か55	21/324	0317752	07≯08
15	08 II 56	16Ω38	03Ω25	02 11 02	15823	29 II 47	16812	02℃06	21/301	041710	06≯57
16	09 II 20	17ᡚ01	04&20	02 II 36	15849	009514	16 8 16	02介17	201/38	041727	06×747
17	09 II 45	17£25	05Ω15	03 11 09	16814	009340	16 8 19	02↑27	20V315	04MP45	06≯37
18	10 II 09	17Ω48	06&10	03 II 42	16840	01806	16822	02 <b>↑</b> 37	191352	051703	06×726
19	10 X 34	18 ົດ 12	07Ω05	04 ΙΙ 16	17806	01932	16 8 25	02 <b>°</b> 47	19/328	05MP21	06×716
20	10 II 58	18£36	07.059	04 11 49	17831	01858	16 8 29	02 <sup>57</sup>	19/304	05M740	06×706
21	11 II 23	18£59	08 Ω 54	05 II 22	17857	02524	16832	03T06	18/340	05M758	05×757
22	11 II 47	19 \Q 23	09 249	05 II 55	18822	02850	16835	03T16	18V\$16	06M717	05×747
23	12 II 12	19&47	10Ձ44	06 II 28	18848	03&16	16 8 38	03↑25	171353	06 <b>m</b> 35	05≯38

24	12 <b>I</b> 36	20 ე 10	11ى38	07 X 01	19813	03%42	16841	03Ƴ34	171329	06MP54	05≯729
25	13 X 01	20 ე 34	12&33	07 II 34	19838	04308	16844	03 1 43	171305	07MP13	05≯20
26	13 II 25	20ഹ58	13&27	08 II 06	20803	04%34	16847	03介51	16\%41	0711732	05≯11
27	13 II 49	21&22	14ູູ 22	08 II 39	20828	05800	16 8 50	04 <b>↑</b> 00	161318	0711752	05≯03
28	14 II 14	21&46	15Ω16	09 II 12	20853	05%27	16 8 52	04708	151355	08111	04×755
29	14 II 38	22&10	16Ω10	09 II 44	21818	05%53	16 8 55	04T16	15/32	081731	04×747
30	15 II 02	22.034	17Ω04	10 X 17	21843	06%19	16 8 58	04 T 23	15V309	08 <b>m</b> 251	04≯739
D	Corr	loss	E				v York, Nev		_		Eest-
Day 1	Ceres	Juno 22.0.58		Sappho			Chiron C			Astarte	Erato
1	15 II 27 15 II 51	22&58 23&22	17 <i>Q</i> 59 18 <i>Q</i> 53	10 II 49	22 8 08 22 8 32	06%45 07%11	17 8 01 17 8 03	04Ƴ31 04Ƴ38	14V347 14V325	09MP10 09MP30	04≯731 04≯724
3	16 II 15	23 & 22 23 & 46	18253 19247	11 II 22 11 II 54	22032 22857	07%37	17803	04°1°38	14/3/25	0911730	04 🛪 24
4	16 II 39	23 <sub>0</sub> /40 24 <sub>Ω</sub> 10	າອູລູ47 20&41	12 X 26	23821	08803	17809	04 T 43 04 <b>T</b> 52	131343	1011731	04 <i>≯</i> 17 04 <i>≯</i> 10
5	17 II 04	24 <sub>Ω</sub> 34	21&34	12 X 20	23846	08329	17811	04 T 52 04 T 58	13/3/23	1011711	04×10
6	17 II 28	24Ω58	22Ω28	13 X 30	24810	08355	17814	05T05	13/303	101751	03×757
7	17 II 52	25 Ω 22	23&22	14 X 02	24834	09322	17 8 16	05 11	121343	1111712	03×51
8	18 II 16	25 <sub>Ω</sub> 46	24&15	14 X 34	24859	09348	17 8 19	05介17	121325	1111733	03≯46
9	18 II 40	26ඩ 10	25 <sub>Ω</sub> 09	15 X 06	25823	10%14	17821	05℃22	12V306	1111754	03≯40
10	19 🗷 04	26പ്പ34	26Ձ02	15 🛚 38	25847	103640	17 8 24	05℃27	111/349	1211715	03≯35
11	19 🛚 28	26 ე 58	26പ്പ56	16 X 09	26810	113606	17 8 26	05Ƴ33	111/32	1211736	03≯30
12	19 II 52	27 ე 23	27 ე 49	16 X 41	26834	11%32	17 8 28	05Ƴ37	111/316	121758	03×25
13	20 II 16	27&47	28&42	17 II 12	26858	11358	17830	05 142	11/300	131719	03×21
14	20 II 40	28&11	29Ω35	17 II 44	27822	12324	17 8 33	05 <b>1</b> 46	101345	131740	03×717
15	21 11 04	28&35	001728	18 II 15	27845	12951	17 8 35	05 <b>↑</b> 50	10131	1411702	03×713
16	21 II 28	28£59	0111121	18 II 46	28808	13517	17837	05 <b>↑</b> 54	101317	141724	03 🛪 10
17	21 II 52	29Ω23	021114	19 II 18	28832	13543	17839	05T57	10ぱ04	14MP46	03×707
18	22 II 15	29&48	0311707	19 II 49	28 8 55 20 8 17	14809	17841	06T01	09\f32	15M207	03×704
19 <b>20</b>	22 II 39 23 II 03	00MP12 00MP37	03MP59 04MP52	20 II 20 20 II 51	29 8 17 29 8 40	14 <b>3</b> 35	17 8 43 17 8 45	06T04	09\f30	15MP29 15MP52	03≯01 02≯759
21	23 II 03 23 II 27	0111701	0411752 0511744	20 II 5 1 21 II 22	00 II 04	15%01	17 8 47	06°1°06 06°1°09	09V30	16MP14	02×59 02×57
22	23 II 27 23 II 50	0111701	06M26	21 II 52	00 II 04	15%27	17847	06 T 09 06 <b>T</b> 11	09V320	1611/14	02×57 02×55
23	24 II 14	0111723	0711729	22 II 23	00 II 49	16%19	17 8 48 17 8 50	06 T 11	09V311	1611759	02≯55 02≯54
24	24 II 37	0211743	0811/23	22 II 54	01 II 12	16%45	17 8 52	06 T 13	08 <b>1</b> 354	1711721	02757
25	25 II 01	0211738	091121	23 11 24	01II34	17%11	17853	06介15	08 <b>1</b> 347	17MP44	02₹52
26	25 II 24	0311702	1011705	23 II 54	01II56	17937	17 8 55	06℃16	08 <b>V</b> 341	1811706	02≯751
27	25 🛚 48	031127	1011756	24 II 25	02II18	18303	17 8 56	06介17	08 <b>1</b> 35	181729	02≯751
28	26 X 11	03 <b>M</b> 251	1111748	24 II 55	02 <b>I</b> I40	18329	17 <del>8</del> 58	06Ƴ17	08 <b>1</b> /30	1811752	02≯751
29	26 II 34	0411715	1211740	25 🛚 25	03 <b>I</b> 02	18355	17 8 59	06介18	08 <b>1</b> 26	191715	02≯751
30	26 II 57	0411740	131731	25 II 55	031124	19321	18801	06介17	08V322	191738	
31	27 II 21	05MP04	1411722	26 II 25	03 II 46	19 <b>3</b> 47	18 8 02	06 <b>17</b>	08 <b>V</b> 19	201701	02≯752
<b>D</b>	0-	l	F	_			ew York, N				F
Day	Ceres	Juno		Sappho			Chiron C			Astarte	Erato
1	27 II 44	05M28	15MP13	26 II 55	04 II 07	20513	18 8 03	06 <b>1</b> 6	081316	20M25	02×754
3	28 II 07	05M753	16MP05	27 II 25	04 II 29	20 \$39	18 8 05	06 <b>1</b> 5	081/14 081/13	20MP48 21MP12	02≯755 02≯757
4	28 II 30 28 II 53	06MP17 06MP41	1611756 1711746	27 II 54 28 II 24	04 II 50 05 II 11	21 <b>3</b> 05 21 <b>3</b> 30	18 8 06 18 8 07	061114 061112	08Vf13	21II/12 21II/35	02×57 02×59
5	28 II 53 29 II 15	0711741	1811/37	28 II 24 28 II 53	05 X 32	21830	18807	06°1°12 06°1°10	08V312	2111735	02×59 03×701
6	29 II 13	0711708	1911/28	20 II 33 29 II 22	05 II 52	223622	18809	06 T 10	08V\$13	2211739	03×01
7	00302	0711750	201718	29 II 52	05 X 33	22348	18 8 10	06 T 05	08V313	2211722	03×04
8	00302	0811719	2111709	00821	06II34	23%14	18811	06T03	08 <b>1</b> 16	2311710	03710
9	00321	08 <b>m</b> 243	2111759	00850	06 II 54	23%40	18811	05T59	08 <b>1</b> 318	2311734	03≯13
10	01%10	0911707	221749	01%19	07 II 14	24%05	18 8 12	05 <b>T</b> 56	08 <b>1</b> 321	231758	03≯17
11	01%32	09 <b>11</b> 732	2311740	01%48	07 II 34	24%31	18 8 13	05℃52	08V324	2411722	03≯720
12	01%55	09 <b>17</b> 56	24MP30	02%17	07 II 54	24%57	18 8 13	05Ƴ48	08 <b>1</b> 28	24MP46	03≯725
13	02%17	101120	25 <b>17</b> 19	02%45	08 II 14	25%23	18 8 14	05Ƴ44	08Vt33	25 <b>M</b> 211	03×29
14	02%40	101745	26 <b>17</b> 09	039514	08II34	25%48	18 8 15	05↑39	081/38	25MP35	03≯34
15	03802	1111709	26 <b>m</b> 59	03542	08II53	26%14	18 8 15	05 ↑ 34	081343	25M759	03×39
16	03524	1111733	271748	04%11	09 II 12	26%39	18 8 15	05↑29	08 <b>V</b> 349	261724	03×744
17	035346	1111758	281738	04839	09 II 31	27805	18 8 16	05 <b>↑</b> 24	08V\$55	26MP48	03×749
18	04808	121722	291726	05807	09 <b>I</b> 50	27931	18 8 16	05 <b>↑</b> 18	09ぱ02	27M713	03×755
19	04530	121746	00-216	05835	10 II 09	27%56	18 8 16	05 <b>↑</b> 12	09V310	2711738	04×701
20	04%52	1311711	01-205	06803	10 II 27	28 \$ 22	18 8 16	05T06	09V318	28MP03	04×707
21	05%14	1311735	01-254	06830	10 II 46	28%47	18817	04T59	09\f26	28MP27	04×714
22	05%36	1311759	02 <b>≏</b> 43	06%58	11 <b>I</b> I04	29%12	18 8 17	04 <b>T</b> 52	09 <b>1</b> 34	28M752	04≯721

23	05%57	141123	03 <b>≏</b> 32	07\$25	11 <b>I</b> I22	29%38	18 8 17	04Ƴ45	09ฬ43	29 <b>M</b> 217	04≯728
24	062619	1411748	04-20	07\$53	11 <b>I</b> I39	00&04	18 8 17	04℃38	09ฬ53	29MP42	04≯35
25	06%40	15MP12	05 <b>-</b> 209	08\$20	11 <b>I</b> I57	00പ്പ29	18 8 16	04 <b>T</b> 30	101303	00 <b>-</b> 207	04×742
26	075602	15MP36	05 <b>≏</b> 57	085647	12 X 14	00 გ 54	18 8 16	04℃22	101313	00-233	04≯750
27	079323	1611700	06 <b>-</b> 245	095614	12 <b>I</b> I31	01&20	18 8 16	04介14	10v324	00 <b>≏</b> 58	04≯758
28	075644	16MP24	07 <b>≏</b> 33	09841	12 <b>I</b> I48	01&45	18 8 16	04 <b>T</b> 06	10135	01-23	05≯706
29	08806	16 <b>M</b> 248	08 <b>-</b> 21	102608	13 <b>I</b> I05	02&10	18 8 15	03介57	101346	01 <b>-</b> 48	05≯14
30	08\$27	17 <b>M</b> 213	09 <b>-</b> 209	10534	13 <b>I</b> I21	02&35	18 8 15	03℃48	10V358	02-214	05≯723
31	08%48	1711937	09 <b>≏</b> 57	115601	13 II 38	03&00	18 8 15	03 <b>T</b> 39	111/310	02-239	05732
							New York,				
Day	Ceres	Juno	Eros S	Sappho	Psyche	Vesta	Chiron (	Ophelia	Amor	Astarte	Erato
1	902908	1811701	10 <b>-</b> 244	115627	13 <b>I</b> I54	03 ඩ 26	18 8 14	03 <b>T</b> 30	11ฬ22	03 <b>≏</b> 05	05≯741
2	09829	18 <b>M</b> 25	11 <b>≏</b> 32	11553	14 II 10	03 <i>&amp;</i> 51	18 8 13	03℃21	11135	03 <b>-</b> 30	05≯750
3	09&50	18 <b>M²4</b> 9	12 <b>≏</b> 19	125619	14 II 25	04	18 8 13	03介11	11ฬ48	03 <b>≏</b> 56	05≯759
4	102610	19 <b>1</b> 7713	13 <b>-2</b> 06	12545	14 <b>I</b> I41	04&41	18 8 12	03 <b>T</b> 01	12V301	04 <b>-</b> 22	06₮09
5	10531	1911/37	13 <b>≏</b> 53	135611	14 <b>I</b> I56	05굁06	18 8 11	02 <b>T</b> 51	12V314	04 <b>-</b> 48	06才19
6	10251	2011/01	14 <b>-</b> 40	13536	15 X 11	05&31	18 8 10	02Ƴ41	12V328	05 <b>≏</b> 13	06₹29
7	11%11	20MP25	15 <b>≏</b> 27	14%02	15 <b>Ⅱ</b> 25	05 <i>Q</i> 56	18 8 10	02 <b>T</b> 30	121342	05 <b>-</b> 39	06₹39
8	11%31	20 <b>17</b> 49	16 <b>-</b> 214	14%27	15Ⅱ40	06ଯ20	18 8 09	02℃20	121357	06 <b>≏</b> 05	06≯749
9	11%51	2111713	17 <b>≏</b> 01	14%52	15 <b>Ⅱ</b> 54	06&45	18 8 08	02 <b>T</b> 09	13 <b>1</b> 312	06 <b>-</b> 31	07≯700
10	12%11	2111737	17 <b>-</b> 247	15%17	16 <b>I</b> I08	07	18807	01 <b>T</b> 58	13Vt27	06 <b>≏</b> 57	07≯711
11	12531	22MP01	18 <b>≏</b> 34	15%42	16 <b>I</b> I21	07	18 8 06	01Ƴ47	13/342	07 <b>-</b> 23	07≯722
12	12%51	22MP25	19 <b>-2</b> 20	165607	16 <b>I</b> I35	07 გ 59	18 8 04	01 <b>T</b> 36	13 <b>1</b> 357	07 <b>≏</b> 50	07≯733
13	13%10	22 <b>17</b> 49	20 <b>-</b> 206	16531	16 <b>I</b> I48	08&24	18 8 03	01 <b>T</b> 25	14/ช13	08 <b>-</b> 216	07≯745
14	13529	23 <b>M</b> 13	20 <b>-</b> 52	16%56	17 II 00	08&48	18 8 02	01 <b>T</b> 14	14V329	08 <b>-</b> 42	07≯756
15	135649	23 <b>M</b> 237	21 <b>-</b> 38	17520	17 II 13	09പ്പ 13	18801	01 <b>T</b> 02	141345	09 <b>-</b> 208	805∕×80
16	14%08	24MP00	22 <b>-2</b> 24	175644	17 II 25	09£37	17 <del>8 5</del> 9	00 <b>T</b> 51	15 <b>1</b> 302	09 <b>-</b> 35	08≯720
17	14%27	24MP24	23 <b>-</b> 210	18508	17 <b>I</b> I 37	10 ე 02	17 <del>8</del> 58	00 <b>T</b> 39	15 <b>1</b> 318	10 <b>-</b> 201	08≯732
18	14%45	24 <b>17</b> 48	23 <b>-</b> 56	18531	17 II 49	10 ൂ 26	17 <del>8 5</del> 6	00℃28	15 <b>1</b> 35	10 <b>≏</b> 28	08≯744
19	15%04	25 <b>M</b> 12	24 <b>-</b> 41	18\$55	18 <b>I</b> I00	10ഹട0	17 <del>8 55</del>	00 <b>℃</b> 16	15 <b>1</b> 352	10 <b>≏</b> 54	08≯757
20	15%23	25MP35	25 <b>-2</b> 27	195618	18 <b>I</b> 11	11Ω14	17 <del>8 5</del> 3	00℃04	16 <b>1</b> 310	11 <b>≏</b> 21	09≯710
21	15%41	25 <b>m</b> 59	26 <b>≏</b> 12	195641	18 <b>I</b> I22	11ഹ39	17 8 52	29 € 52	16V327	11 <b>-</b> 247	09722
22	15%59	26 <b>M</b> 23	26 <b>≏</b> 57	20504	18 <b>I</b> I32	12െ03	17 <del>8</del> 50	29 € 41	16 <b>1</b> 345	12 <b>≏</b> 14	09≯735
23	169317	26 <b>M</b> 46	27 <b>-</b> 42	20\$27	18Ⅱ42	12&27	17 8 48	29 € 29	171303	12 <b>-</b> 241	09≯749
24	16%35	27 <b>1</b> 10	28 <b>-</b> 27	205349	18 <b>I</b> I52	12&51	17 <b>8</b> 46	29 € 17	171321	13 <b>-</b> 207	10≯702
25	16%53	27 <b>117</b> 33	29 <b>≏</b> 11	215312	19 <b>I</b> I02	13ഹ 15	17 8 45	29 € 05	17 <b>1</b> 39	13 <b>≏</b> 34	10 🗷 15
26	175311	27M257	29 <b>-</b> 56	21534	19 <b>I</b> I11	13ഹ38	17 8 43	28 € 54	17ฬ58	14 <b>-</b> 201	10 <i>≯</i> 729
27	17528	28MP20	00M41	21%56	19 <b>I</b> I 20	14െ02	17841	28 € 43	18 <b>1</b> 316	14 <b>≏</b> 28	10 ⊀ 43
28	175345	28 <b>M</b> 44	01ሙ26	225618	19 <b>I</b> I 28	14പ്പ26	17 8 39	28 € 31	18 <b>1</b> 35	14 <b>≏</b> 55	10 <i>≯</i> 757
29	183602	29 <b>11</b> 907	02№10	22539	19 <b>I</b> I36	14 ହ 49	17837	28 € 19	18 <b>1</b> 354	15 <b>≏</b> 22	11 🛪 11
30	185619	29 <b>17</b> 30	02№55	235600	19Ⅱ44	15 <i>Q</i> 13	17 8 35	28 € 08	19 <b>1</b> 3	15 <b>-≏</b> 49	11 <i>≯</i> 25
							ew York, N				
Day	Ceres	Juno			Psyche		Chiron (			Astarte	Erato
1	18536	29 <b>17</b> 53	03№39	23\$22	19Ⅱ51	15굁36	17 8 33	27 € 57	19133	16 <b>≏</b> 16	11≯739
2	18\$53	00 <b>≏</b> 17	04№23	23543	19 II 59	16പ്പ00	17 8 30	27 € 45	191352	16 <b>≏</b> 43	11≯754
3	19309	00 <b>≏</b> 40	05№07	24%03	20 <b>I</b> 05	16പ്പ23	17 8 28	27 € 34	201312	17 <b>≏</b> 10	12₹09
4	19%25	01 <b>≏</b> 04	05№51	24%24	20 II 12	16&46	17 8 26	27€23	20 <b>1</b> 31	17 <b>≏</b> 37	12 <b>₹</b> 23
5	19%41	01 <b>≏</b> 27	06M35	24844	20 II 18	17 <i>Q</i> 10	17824	27 € 12	20 <b>1</b> 51	18 <b>≏</b> 04	12 <b>₹</b> 38
6	19&57	01 <b>≏</b> 50	07ጤ18	25%04	20 II 23	17ഹ33	17821	27 € 01	211/311	18 <b>≏</b> 31	12≯753
7	20%12	02 <b>-</b> 213	08M02	25%24	20 II 28	17£56	17 8 19	26 € 51	211331	18 <b>≏</b> 59	13≯709
8	20%28	02 <b>-</b> 36	08 <b>M</b> 45	25%43	20 II 33	18പ്പ19	17 8 17	26 € 40	211352	19 <b>-</b> 26	13≯724
9	20%43	02 <b>≏</b> 59	09№29	26%03	20 II 38	18&41	17 8 14	26 € 30	22V312	19 <b>≏</b> 53	13≯739
10	20%58	03 <b>≏</b> 22	10ጤ12	26%22	20 II 42	19ഹ04	17 8 12	26 € 19	22Vf33	20-21	13≯755
11	21%13	03 <b>-</b> 45	10 <b>M</b> 55	26%40	20 II 46	19ഹ27	17809	26 € 09	22V\$53	20 <b>≏</b> 48	14≯711
12	21%27	04≏08	111139	26%59	20 11 49	19&49	17807	26 € 00	231314	21-216	14 🗷 27
13	21%42	04 <b>≏</b> 31	12M22	279317	20 II 52	20 ඩ 12	17804	25 € 50	23135	21 <b>-</b> 43	147/43
14	21%56	04 <b>-</b> 54	13M <sub>0</sub> 4	27%35	20 II 54	20 გ 34	17801	25 € 41	231756	22 <b>-</b> 11	14 🛪 59
15	22%09	05 <b>≏</b> 16	13M-47	27953	20 <b>I</b> 56	20&56	16 8 59	25 € 31	24V317	22 <b>-</b> 38	15 ₹ 15
16	22%23	05 <b>≏</b> 39	14M30	28%10	20 II 58	21 & 18	16 8 56	25 € 22	24139	23 <b>-</b> 206	15≯731
17	22%36	06 <b>≏</b> 02	15M·13	28 28	20 <b>1</b> 59	21&40	16 8 53	25 € 14	25V300	23 <b>-</b> 33	15🗷 48
18	22%49	06 <b>≏</b> 24	15№55	28%44	21 <b>I</b> 00	22.გ02	16851	25 € 05	25V321	24 <b>-</b> 201	16≯704
19	23%02	06 <b>△</b> 47	16M38	29801	21 <b>I</b> 101	22&24	16 8 48	24 € 57	25V343	24-29	16 <b>₹</b> 21
20	23%15	07 <b>≏</b> 09	17M20	29%17	21 <b>I</b> 101	22&46	16 8 45	24 € 49	26V305	24-256	16738
21	23&27	07 <b>≏</b> 32	18M <sub>02</sub>	29833	21 <b>I</b> I00	23&07	16 8 42	24 % 41	26Vf27	25 <b>≏</b> 24	16 <i>≯</i> 755

22	23%39	07 <b>≏</b> 54	18ጤ44	295349	21 <b>I</b> I00	23 ე 29	16 8 40	24 <b> %</b> 34	26 <b>1</b> 348	25 <b>-</b> 52	17⊀12
23	23%51	08 <b>≏</b> 16	19№26	00പ്ല05	20 <b>1</b> 58	23 ඩ 50	16 8 37	24∺26	27 <b>1</b> 310	26 <b>-</b> 20	17 <i>≯</i> 129
24	24%03	08 <b>≏</b> 39	20№08	00പ്പ20	20 <b>1</b> 57	24ଯ11	16 8 34	24 € 19	27 <b>1</b> 33	26 <b>≏</b> 47	17⊀746
25	24%14	09 <b>-</b> 01	20№50	00&34	20 <b>1</b> 55	24&32	16831	24 € 13	27 <b>1</b> 355	27≏15	18 🗷 04
*26	24%25	09≏24	211134	00Ω50	201152	24 & 54	16 8 28	24 € 06	281118	27≏44	18 7 22
27	24%36	09 <b>-</b> 246	22M15	01&04	20 11 49	25 ₪ 15	16 8 25	24 × 00	281340	28-212	18 🛪 39
28	24%47	10-208	22M57	01Ω18	20 X 46	25 256	16822	23 € 54	291702	28 <b>-</b> 40	18 🛪 57
29	24%57	10-230	23/1/39	01.0.44	20 X 42	25 <i>Q</i> 56	16819	23 € 49	291725	29 <b>-</b> 207	19×715
30	25%06 25%16	10 <b>≏</b> 52 11 <b>≏</b> 14	24M20 25M01	01&44 01&57	20 II 38 20 II 34	26ብ 17 26ብ 37	16 8 16 16 8 13	23¥43 23¥38	29\f347 00≈10	29 <b>△</b> 35 00№04	19≯32 19≯50
31	23 10	11-14	2311601	010237	20134	200/31	10013	257.30	00~10	0011004	197 30
			N	lovembe	r 1980. 0		<i>T ends</i> New York,	New York	c. Lonaitu	ıde	
Day	Ceres	Juno		Sappho		Vesta	Chiron			Astarte	Erato
1	25%25	11 <b>≏</b> 35	25№43	02&09	20 <b>1</b> 29	26&57	16 <del>8</del> 10	23 € 34	00≈33	00M32	20≯708
2	25%34	11 <b>≏</b> 57	26№24	02&21	20 <b>1</b> 23	27	16 8 07	23 € 29	00≈56	O1M00	20726
3	25%43	12 <b>≏</b> 19	27M05	02&33	20 II 18	27	16 8 04	23 € 25	01 <b>≈</b> 19	01ሙ28	20≯745
4	25%51	12 <b>-2</b> 40	27№46	02&45	20 II 12	27 ඩ 56	16801	23 € 22	01≈42	01№56	21才03
5	25%59	13 <b>-</b> 02	28№27	02&55	201105	28&16	15 8 58	23 € 18	02≈05	02M-24	21 🛪 21
6	26%06	13 <b>≏</b> 23	29№07	03&06	19 <b>1</b> 58	28&35	15 8 55	23 € 15	02≈28	02M-52	21×740
7	26%13	13 <b>-</b> 45	29M48	03 & 16	19 X 51	28&54	15852	23 € 12	02≈51	031120	21 🛪 58
8	26%20	14 <u>0</u> 6	00729	03 0 2 6	19 II 43	29 & 13	15849	23 € 10	03≈14	03M48	22 🛪 17
9	26%27	14-27	01×710	03 <i>Q</i> 35	19 X 35	29 & 32	15846	23€08	03≈38	04M-17	22736
10 11	26%33 26%39	14 <b>△</b> 48 15 <b>△</b> 09	01≯750 02≯731	03&44 03&53	19 II 27	29&51 00MP10	15 8 43 15 8 40	23¥06 23¥04	04≈01 04≈24	04 <b>ቤ</b> 45 05 <b>ቤ</b> 13	22≯754 23≯713
12	26339	15 <b>-</b> 30	02/31	03გევ	19 X 18	00M28	15837	23¥03	04≈48	05M41	23 🛪 32
13	263344	15 <b>-</b> 30	03×11	04&01	19 X 09	0011728 0011746	15834	23¥02	05≈11	06M <sub>0</sub> 09	23 🛪 51
14	26354	16 <b>-</b> 31	03×31 04×732	୦4ର/୦୨ ୦4ର/16	18 X 50	0111704	15831	23¥01	05≈35	06M37	24 🛪 10
15	26%58	16 <b>-</b> 33	05×712	04&23	18 X 40	0111722	15828	23¥01	05≈59	07M <sub>0</sub> 6	247729
16	27%02	16 <b>≏</b> 53	05×752	04Ω29	18 II 29	0111739	15 8 25	23¥01	06≈22	07fb33	24×49
17	273606	17 <b>≏</b> 14	06≯32	04&35	18 <b>I</b> I19	0111756	15822	23€02	06≈46	08№02	25≯08
18	273609	17 <b>≏</b> 34	07≯12	04&41	18 <b>I</b> I08	0211714	15 8 19	23 € 02	07≈10	08J30	25≯727
19	27%12	17 <b>≏</b> 55	07≯752	04&46	17 <b>1</b> 57	0211731	15 8 16	23€03	07 <b>≈</b> 34	08№59	25≯747
20	27%14	18 <b>-</b> 215	08≯731	04Ձ51	17 <b>I</b> I45	02 <b>117</b> 47	15 8 13	23 € 04	07 <b>≈</b> 58	09№27	26≯706
21	279516	18 <b>≏</b> 35	09₹11	04Ω55	17 II 34	0311704	15 8 10	23 € 06	08≈22	09M-55	26 🛪 26
22	279317	18 <b>-</b> 55	09×751	04&59	17 II 22	031120	15807	23 € 08	08 <b>≈</b> 46	101023	26×745
23	275319	19-215	10730	05 <sub>Ω</sub> 02	17 II 10	0311736	15804	23¥10	09≈10	101052	27 × 705
24	275319	19 <b>≏</b> 35 19 <b>≏</b> 55	11 🗷 10	05Ω05	16 X 45	0311752	15802	23 <b></b> ¥13	09≈34	11M20	27 🗷 25
25 26	27%20 27%20		11¾49 12¾29	05&07 05&09	16 II 45	04MP07 04MP23	14 8 59 14 8 56	23 ¥ 15 23 ¥ 18	09 <b>≈</b> 58 10 <b>≈</b> 22	11 <b>ቤ</b> 48 12 <b>ቤ</b> 17	27 🛪 44 28 🛪 04
27	27 % 20	20 <b>≏</b> 14 20 <b>≏</b> 34	13708	05&10	16 II 32 16 II 19	04II/23 04II/38	14853	23 <del>X</del> 18	10≈22	12IIG17 12M-45	28 🗷 24
28	27%18	20 <b>-</b> 53	13×347	05 <sub>Q</sub> 10	16 X 19	0411753	14850	23 <b>X</b> 22	11≈11	13M·13	28 🗷 44
29	279317	21 <b>-</b> 13	147/26	05&11	15 X 53	05MP07	14848	23 <b>X</b> 29	11≈35	13M-42	29×704
30	27%15	21-32	15🛪 05	05&11	15 <b>I</b> I40	05MP22	14845	23 <b>X</b> 34	11≈59	14 <b>‰</b> 10	29×24
			D	ecembe	r 1980, 0	0:00:00,1	Vew York,	New York	ς, Longitι	ıde	
Day	Ceres	Juno		Sappho		Vesta	Chiron (			Astarte	Erato
1	27%13	21-251	15×744	05&10	15 <b>I</b> I27	05MP36	14842	23 € 38	12≈23	14M-38	29744
2	279310	22-210	16×723	05&09	15 II 14	05M750	14839	23¥43	12≈48	15M <sub>0</sub> 7	00V304
3	27507	22-29	17×702	05&07	15 X 00	06MP03	14837	23 € 48	13≈12	15M35	00V325
4	27504	22-48	17×741	05 <sub>Ω</sub> 05	14 X 47	06MP17	14834	23¥53	13≈37	16M-03	00V345
5	27300	23 <b>-</b> 25	18×720	05Ω02	14 X 30	06M20	14832	23¥59	14 <b>≈</b> 01	16M32	011/d05
6	26 <b>3</b> 56 26 <b>3</b> 51	23 <b>-</b> 25	18≯758 19≯737	04&59 04&55	14 II 20 14 II 07	06MP42 06MP55	14 8 29 14 8 27	24¥05 24¥11	14≈26 14≈50	17ሙ00 17ሙ28	011/125 011/146
<b>7</b>	26%46	24 <u>~</u> 02	20×37	04&/55 04&\51	13 X 53	07MP07	14824	24 <del>X</del> 11 24 <del>X</del> 18	14≈50 15≈15	1711628 171656	02/306
9	26%40	24 <u>~2</u> 02	20 7 54	04 <sub>0</sub> / <sub>2</sub> 31	13 X 40	07 m 19	14822	24X16	15≈15	18M25	021300
10	26%34	24 <u>~</u> 20	217/33	04&40	13 X 27	0711719	14819	24)£31	16≈04	18M·53	02V327
11	26%28	24 <b>-</b> 56	22 🛪 11	04&35	13 II 14	07MP41	14817	24 <b>X</b> 39	16≈29	19M-21	03/308
12	26%21	25-214	22×49	04&29	13 <b>X</b> 01	0711752	14 8 15	24¥46	16≈53	19№50	031328
13	26%14	25 <b>≏</b> 32	23727	04&22	12 <b>I</b> I48	0811702	14812	24€54	17≈18	20№18	03 <b>V</b> 349
14	26306	25 <b>-</b> 49	24706	04&15	12 <b>I</b> I35	08MP13	14810	25 € 02	17≈43	20№46	04V310
15	25%58	26 <b>-</b> 207	24≯744	04&07	12 <b>I</b> I22	08 <b>11</b> 722	14 8 08	25升10	18≈08	21№14	04/331
16	25%50	26 <b>-</b> 24	25≯722	03 <i>&amp;</i> 59	12 <b>I</b> I10	08 <b>11</b> 732	14 8 06	25升18	18 <b>≈</b> 33	21№42	04/351
17	25%41	26 <b>≏</b> 41	26≯700	03 <i>&amp;</i> 50	11 <b>I</b> I58	08 <b>M</b> 241	14 8 04	25⊛27	18 <b>≈</b> 57	22№11	05/312
18	25%32	26 <b>-</b> 58	26≯738	03&41	11 <b>I</b> I46	08 <b>m</b> /50	14802	25ℋ36	19 <b>≈</b> 22	22№39	05ฬ33
'	'	,									

19	25%23	27 <b>-</b> 215	27才16	03&31	11 <b>I</b> I34	08 <b>m</b> 58	14 8 00	25 € 45	19 <b>≈</b> 47	23№07	05 <b>1</b> 354
20	25%13	27 <b>-</b> 31	27≯754	03&21	11 <b>I</b> I22	09 <b>m</b> 206	13 <del>8</del> 58	25 <b></b>	20≈12	23№35	061ชี 15
21	25%03	27 <b>-</b> 48	28🛪31	03&10	11 X 11	09MP14	13 <del>8 56</del>	26 € 04	20≈37	24№03	06 <b>1</b> 35
22	24%52	28 <b>-</b> 204	29才08	02&59	11 <b>I</b> I00	09 <b>1</b> 21	13 8 54	26 € 14	21≈02	24M31	061356
23	24%41	28 <b>-</b> 20	29才46	02&48	10 <b>I</b> I49	09 <b>17</b> 28	13 8 52	26 € 24	21≈27	24№59	07 <b>1</b> 317
24	24%30	28 <b>-</b> 36	001324	02&36	10 🛚 38	09 <b>m</b> 35	13 8 50	26 € 35	21≈51	25№28	07ฬ38
25	24%19	28 <b>-</b> 52	01ぱ02	02&24	10 II 28	09 <b>M</b> 241	13 8 49	26 € 45	22 <b>≈</b> 16	25№56	07ฬ59
26	24%07	29 <b>-</b> 207	01ฬ39	02&11	10 II 18	09 <b>1</b> 7	13 8 47	26 € 56	22 <b>≈</b> 41	26№24	081320
27	23355	29 <b>-2</b> 23	02 <b>1</b> 317	01 <i>Q</i> 58	10 II 08	09 <b>m</b> /52	13 8 45	27 € 07	23 <b>≈</b> 06	26№52	081341
28	23543	29 <b>-</b> 38	02 <b>1</b> 354	01&45	09 II 59	09 <b>m</b> /57	13 8 44	27 <b> ±</b> 18	23≈31	27M <sub>2</sub> 0	09ぱ02
29	23530	29 <b>-</b> 53	03 <b>1</b> 31	01&31	09 II 50	1011702	13 8 42	27 € 29	23≈56	27№48	09ฬ23
30	23%17	00M09	041309	01&17	09 <b>I</b> I41	10 <b>1</b> 006	13841	27 € 41	24≈21	28 <b>M</b> 15	091344
31	23504	00M24	041346	01Ձ02	09 II 33	1011709	13 8 39	27升53	24≈46	28№43	10ぱ06

# Sappho Psyche Vesta Chiron Ophelia 09 II 25 00 ඩ 47 10MP13 13838 28¥05 00 പ്ര32 09 II 17 10MP16 13837 $28 \times 17$

10MP 18

101720

10MP21

10MP22

10MP23

101723

101723

101722

101720

10MP19

09 II 10

09II03

08 II 56

08 II 50

08 II 44

08 II 39

08 II 34

08 II 29

08 II 25

08 II 21

Asteroids Ephemeris January 1981, 00:00:00, New York, New York, Longitude

13836

13 8 35

13833

13832

13831

13830

13830

13 8 29

13 8 28

13827

28¥29

28¥42

28¥54

29X07

29¥20

29¥33

29**X**47

00T01

00 T 14

00T28

**Amor** 

25 \$\pi 11

25\\$36

26 201

26 26

26 \$ 52

27 ≈ 17

27 \$\pi 42

28\pi07

28#32

28 \$ 57

29 22

29 \$ 47

Astarte

29M39

00×707

00 ₹35

01702

01×730

01 7 58

02 7 25

02 7 53

03 7 20

03 7 48

04 🗷 15

Erato

10 1 27

10V348

111309

111330

111351

121313

121334

12V\$55

131316

13138

131359

141320

13	20304	03 <b>I</b> 18	121345	27933	08 II 18	10 <b>117</b> 16	13 8 27	00Ƴ42	00升12	04≯743	14/341
14	193649	03M30	131322	279316	08 X 15	1011714	13 & 26	00℃57	00€37	05≯710	15ฬ02
15	19 <b>%</b> 35	03№42	13 <b>1</b> 358	26%59	08 X 13	1011/21	13 8 26	01 <b>T</b> 11	01₩03	05≯737	151324
16	19321	03№54	14 <b>1</b> 35	26%42	08 X 10	1011707	13 8 25	01 <b>T</b> 26	01 <b>X</b> 28	06≯705	151345
17	19307	04№05	15 <b>1</b> 311	26%26	08 <b>I</b> 09	1011703	13 8 25	01Ƴ40	01 <b>光</b> 53	06≯732	16 <b>1</b> 306
18	18\$53	04№16	15 <b>1</b> 347	26%09	08 <b>I</b> 07	09 <b>m</b> 758	13 8 25	01℃55	02ℋ18	06≯759	16 <b>1</b> 327
19	18339	04№27	16 <b>1</b> 323	25%52	08 <b>I</b> 06	09 <b>m</b> /53	13 8 24	02 <b>°</b> 10	02ℋ43	07≯726	16 <b>V</b> 349
20	18326	04№37	17 <b>1</b> 300	25%35	08 <b>I</b> 06	09 <b>17</b> 48	13 8 24	02 <b>T</b> 25	03₩08	07≯753	17۷310
21	18%12	04№48	17 <b>1</b> 36	25%19	08 <b>I</b> I 80	0911742	13 8 24	02 <b>T</b> 41	03₩33	08才20	17 <b>1</b> 31
22	17259	04№58	18ฬ12	25%03	08 <b>I</b> I06	0911735	13 8 24	02 <b>T</b> 56	03ℋ58	08≯747	17ฬ52
23	175346	05№08	18 <b>1</b> 348	24%46	08 <b>I</b> I06	09 <b>17</b> 28	13 8 24	03℃12	04ℋ23	09≯714	18 <b>V</b> 314
24	17533	05№17	19V324	24%30	08 X 07	0911/21	13 8 24	03℃27	04⊛48	09≯741	18135
25	17320	05№26	20ぱ00	24%14	081109	09 <b>m</b> 13	13 8 24	03℃43	05 <b>X</b> 13	10 ₹ 08	18 <b>1</b> 756
26	17308	05№36	20 <b>1</b> 36	23559	08 X 10	0911705	13 8 24	03℃59	05 <b>X</b> 38	10 ⊀ 34	19 <b>v</b> \$17
27	16256	05№44	211312	23%43	08 X 13	08 <b>m</b> /56	13 8 25	04Ƴ15	06₩04	11701	19138
28	16%44	05№53	211348	23%28	08 X 15	08 <b>11</b> 747	13 8 25	04 <b>T</b> 31	06₩29	117728	19 <b>1</b> 759
29	16\$32	06ሙ01	22V324	235613	08 🛚 18	08 <b>11</b> 937	13 8 25	04Ƴ48	06ℋ54	11≯754	201321
30	16320	06M09	22 <b>1</b> 59	22559	08 II 21	08 <b>11</b> 27	13 & 26	05℃04	07ℋ19	127720	201342
31	162609	06ጤ17	23ฬ35	22%45	08 II 25	08 <b>M</b> 217	13 8 26	05℃21	07∺44	12×747	211303
				February	<b>/ 1981</b> , 0	0:00:00, N	lew York, I	New York,	Longitu	de	
Day	Ceres	Juno	Eros	Sappho	Psyche	Vesta	Chiron (	Ophelia	Amor	Astarte	Erato
1	15259	06№24	24VJ11	22%31	08 II 29	08MP06	13 8 27	05Ƴ37	08₩09	13 🗷 13	211324
2	15%48	06 <b>ሙ</b> 31	24V346	229317	08 11 33	07M254	13 8 28	05介54	08¥34	13🛪 39	211345

Day

1

2

3

4

5

6

7

8

9

10

11

12

23

24

25

26

13 26 39

13538

13537

13536

07瓜48

07M48

07M47

07M47

07 05

07 \$\pi 40

08≈15

08 249

19806

193602

18559

183555

Ceres

22851

22538

22\$24

229511

21357

215643

21829

219315

21%01

205346

20832

209318

Juno

00M38

00M53

01007

01M35

01M49

02002

02M28

02M41

02№54

03M<sub>0</sub>6

**Eros** 

05/323

06tf00

06**13**7

07 V3 14

07ぱ51

08Vt28

09ぱ05

09V342

101319

101355

111332

12V309

00 പ്ര 17

00 ഉ01

29845

29829

29 % 13

28 25 7

285340

28 2 2 4

28507

27850

- 13 8 28 0711Y54 051154 08X34 13×39 225611 08 T 33 22504 08 II 38 07MP43 13 8 28 06T11 08X59 14 7 0 5 21551 08 II 43 07MP31 13 8 29 06T28 09X24 14×731 07MP18 13830 06T45 14 7 57 21538 08 II 49 09 € 49
- 217345 155648 บษแษฐา 24*V*J46 3 15538 06M38 25V322 22V\$06 4 15 28 28 06M44 25**1**58 22Vf27 5 15%19 06M51 26Vt33 221348 6 15%10 06M57 27ぱ09 21526 08 II 55 07MP06 13831 07T02 10 € 14 15 7 23 231309 7 15901 07师02 27 V 3 4 4 215314 09 II 01 06MP53 13832 07T20 10€39 15 7 49
- 23130 8 28 V 19 215603 09 II 07 13833 07T37 16 🗷 15 148553 07M<sub>07</sub> 06MP39 11X04 23**1**351 9 14%45 28**1**55 20%52 09 II 14 13834 07T55 11 € 29 16740 241312 06MP26 10 14538 07M·17 29V30 205342 09 II 21 06MP12 13 g 35 08T12 11¥53 17×706 241333 11 14%31 13836 08T30 07M21 00≈05 20532 09 II 29 05MP57 12**X**18 17 31 24V\$54
- 20\$22 12 00 \$\pi 41 09 II 36 13837 08T48 12**X**43 17×757 14%24 07M25 05MP43
- 25V315 13 14%18 01 \$16 209313 09 II 45 05MP28 13839 09T06 13¥08 18 7 22 25135 14 14%12 01 251 205004 09 II 53 05MP13 13840 09T24 13**X**33 18 🗷 47
- 25V\$56 15 13841 09T42 19 7 12 145607 07瓜36 02\26 193556 10 II 02 04MP58 13**X**58 26V317 14%02 07M38 10 II 11 04MP43 13843 10T00 19 🗷 37 16 03 201 195348 14 € 23 26V338
- 17 135557 07M41 03\\$36 198641 10 II 20 0411728 13844 10T19 14**X**47 20702 26V\$58 18 13553 07M43 04\11 19834 10 X 30 04MP12 13846 10 T 37 15X12 20 7 27 27V319
  - 10 X 40 10 T 55 13550 07瓜44 04 \$\pi46 19827 03MP57 13848 15¥37

11 II 22

11**I**I33

11 II 45

11 X 57

- 19 20 7 51 20 13849 135346 07师46 05 \$\pi 21 19821 10 X 50 031741 11T14 16₩02 21 7 16
- 27V339 28ぱ00 21 135344 07M47 05 \$ 56 198316 11 X 00 031125 13851 11T33 16 € 26 21740 281320 22 135641 07M47 06≈30 198311 11 X 11 0311709 13 8 53 11T51 16**X**51 22 🗷 04 281341

021754

021738

021122

0211706

13 **8** 55

13857

13859

14801

12T10

12**T**29

12T48

13T07

17**X**16

17<del>X</del>40

18**X**05

18**X**30

22728

22 7 53

23 7 16

23 7 40

29Vf01

29V321

29V341

00\\$02

27	13%36	07ጤ46	09 <b>≈</b> 24	18%53	12 <b>I</b> 09	0111750	14803	13 <b>°</b> 26	18 <b></b>	24≯704	00 <b>≈</b> 22
28	13536	07 <b>M</b> 44	09 <b>≈</b> 59	18351	12 <b>I</b> I21	0111735	14805	13介45	19⊛19	24≯727	00 <b>≈</b> 43
_			_				w York, N				_
Day	Ceres	Juno			Psyche	Vesta	Chiron (	•	Amor	Astarte	Erato
1 2	13 <b>2</b> 37	07M42 07M40	10 <b>≈</b> 33 11 <b>≈</b> 08	18 <b>S</b> 49	12 II 33 12 II 46	01MP19 01MP04	14 8 07 14 8 09	14 <sup>1</sup> 04	19¥43 20¥08	24×751 25×714	01≈03 01≈23
3	13839	0711640 0711640	11≈42	183647	12 II 46 12 II 59	00MP48	14812	14 T 23	20 <del>X</del> 08	25 🗷 37	01&23
4	13533	0711036 0711035	12≈17	18%46	13 II 13	0011748	14814	15°T02	20 <del>3</del> 57	26700	02≈03
5	135644	07M⋅32	12≈51	185346	13 II 26	00MP18	14816	15 <b>T</b> 21	21¥21	26723	02#23
6	135647	07№28	13≈25	183647	13 II 40	00MP04	14819	15Ƴ41	21∺46	26≯745	02#43
7	13\$50	07№24	14≈00	185347	13 🛚 54	29 & 49	14821	16 <b>°</b> 01	22 <b></b> 升10	27⊀708	03≈02
8	13553	07 <b>№</b> 20	14≈34	185649	14 II 08	29 ე 34	14824	16 <b>°</b> 20	22 <b></b>	27≯730	03≈22
9	13&57	07 <b>№</b> 15	15≈08	18351	14 II 22	29 გ 20	14 8 26	16Ƴ40	22 <b>X</b> 59	27≯752	03≈42
10	14%02	07№10	15≈43	18953	14 II 37	29 ე 07	14829	17↑00	23€23	28🗷 14	04≈01
11	14806	07M <sub>0</sub> 5	16 <b>≈</b> 17	18955	14 X 51	28&54	14832	17 <b>↑</b> 19	23 € 48	28 🛪 36	04≈21
12	149612	06M59	16 <b>≈</b> 51	18358	15 <b>I</b> I06	28&41	14834	17 <b>↑</b> 39	24¥12	28 🛪 58	04≈40
13 14	14%17 14%23	06 <b>ル</b> 53 06 <b>ル</b> 47	17 <b>≈</b> 25 17 <b>≈</b> 59	19 <b>%</b> 02 19 <b>%</b> 06	15 II 21 15 II 37	28 ඩ 28 28 ඩ 16	14 8 37 14 8 40	17介59 18介19	24¥36 25¥00	29才19 29才40	05 <b>≈</b> 00 05 <b>≈</b> 19
15	14323	06M40	17 <i>∞</i> 39 18 <i>≈</i> 33	19300	15 II 52	28&04	14843	18 T 19	25 <del>X</del> 24	00/302	05 <b>≈</b> 19
16	14336	06M-33	19 <b>≈</b> 07	193615	16 II 08	27£52	14846	18 <b>T</b> 59	25 <b>X</b> 49	00V302	05≈57
17	149643	06M₂5	19 <b>≈</b> 41	19320	16 II 24	27 Ω 41	14848	19 <b>°</b> 19	26 <b>€</b> 13	001328	06≈17
18	14951	06 <b>№</b> 18	20≈15	19325	16 II 40	27 & 30	14851	19Ƴ39	26€37	01/304	06≈36
19	14%59	06 <b>‰</b> 10	20≈49	19331	16 X 56	27 & 19	14854	19Ƴ59	27¥01	01/325	06≈54
20	15%07	06M <sub>0</sub> 1	21≈23	19337	17 🛚 13	27 გ 09	14 & 57	20介19	27₩25	01ฬ45	07≈13
21	15&15	05№53	21≈57	19\$43	17 II 29	27გ00	15801	20Ƴ40	27⊛49	02ぱ05	07 <b>≈</b> 32
22	15%24	05№44	22≈30	19350	17 II 46	26&51	15804	21℃00	28 <b></b> ¥13	02Vt25	07≈51
23	15%33	05№34	23≈04	193557	18 X 03	26 მ 42	15807	21↑20	28€37	02V344	08≈09
24	15%43	05M₂5	23≈38	20305	18 II 20	26&34	15810	21个41	29€00	03Vf04	08≈28
25	15853	05 <b>№</b> 15	24≈12	20%13	18 II 37	26&26	15813	22 <b>T</b> 01	29€24	031/123	08 <b>≈</b> 46
26	16803	05M05	24 <b>≈</b> 45	20%21	18 II 54	26 Ω 18	15816	22 <b>T</b> 21	29¥47	031342	09≈05
27 28	16%13 16%24	04 <b>ቤ</b> 54 04 <b>ቤ</b> 44	25 <b>≈</b> 19 25 <b>≈</b> 53	20 <b>%</b> 30 20 <b>%</b> 38	19 II 12 19 II 30	26&11 26&05	15 8 20 15 8 23	22 <b>T</b> 42	00介12 00介35	04v300 04v319	09 <b>≈</b> 23 09 <b>≈</b> 41
29	16%35	04M33	26 <b>≈</b> 26	20338	19 11 47	25 <i>Q</i> 59	15826	23 <sup>1</sup> 02	00T59	04/319	09≈59
30	169347	04M22	27≈00	20357	20 11 05	25 <sub>Q</sub> 53	15830	23 <b>T</b> 43	01723	041357	10≈17
31	16958	04MJ10	27≈33	219307	20 11 23	25 Ω 48	15833	24介04	01 <b>T</b> 46	05/ช 13	10≈35
				April 1	<b>981</b> , 00:0	0:00, Nev	v York, Ne	w York, L	ongitude	)	
Day	Ceres	Juno	Eros S	Sappho	Psyche	Vesta	Chiron (	Ophelia	Amor	Astarte	Erato
1	175610	03№59	28 <b>≈</b> 07	21%17	20 II 42	25ん44	15837	24↑24	02 <b>°</b> 10	05ฬ30	10≈53
2	17%23	03M47	28≈40	21%27	21 🛚 00	25&40	15840	24↑45	02Ƴ33	05V348	11≈11
3	17935	03M35	29 <b>≈</b> 13	21938	21 🛚 18	25&36	15844	25 ↑ 06	02介57	06Vt05	11≈28
4	17548	031122	29≈46	215349	21 X 37	25 <i>Q</i> 33	15847	25 <b>T</b> 26	03 <sup>2</sup> 0	06V\$21	11≈46
<b>5</b>	18 <b>©</b> 01 18 <b>©</b> 15	03M·10	00¥20	22 <b>%</b> 00 22 <b>%</b> 12	21 II 56	25Ω30 25Ω38	15 8 5 1 15 8 5 4	25 <b>T</b> 47	03744	06Vf38	12×03
6 7	18%28	02 <b>ሙ</b> 57 02 <b>ሙ</b> 44	00¥54 01¥27	225612	22 II 14 22 II 33	25 ඩ 28 25 ඩ 27	15854	26个08 26个29	04Ƴ07 04Ƴ30	06 <i>V</i> ร่ 54 07 <i>V</i> ร่ 10	12 <b>≈</b> 20 12 <b>≈</b> 37
8	18%42	02M31	02¥00	22336	22 II 53	25&26	16802	26 <b>T</b> 49	04T54	07V\$10	12 <b>≈</b> 54
9	18957	02MJ18	02) <del>1</del> 33	22%48	23 II 12	25 <sub>2</sub> 25	16805	27 <b>°</b> 10	05介17	07V341	13≈11
10	198611	02№05	03€07	23%01	23 X 31	25&25	16 8 09	27介31	05介40	07٧\$56	13≈28
11	19\$26	01№52	03¥40	235314	23 🛚 50	25 ე 25	16 <del>8</del> 13	27介52	06 <b>T</b> 03	081ช 11	13 <b>≈</b> 45
12	19841	01M38	04発13	23527	24 II 10	25 ე 26	16 8 16	28介13	06 <b>T</b> 26	08V125	14≈01
13	19\$56	01№25	04∺46	235340	24 II 30	25&27	16 8 20	28Ƴ33	06Ƴ49	08 <b>1</b> 439	14≈18
14	20%12	01M11	05 € 19	23354	24 II 49	25 ე 29	16824	28介54	07介12	08V\$53	14≈34
15	20927	00M57	05 € 52	24507	25 <b>I</b> 09	25&31	16 8 28	29介15	07介35	09V307	14≈50
16	20%43	00M43	06 <b>¥</b> 25	24%21	25 II 29	25&34	16832	29↑36	07介58	091320	15≈06
17	20859	00M30	06¥58	24%36	25 <b>I</b> 49	25 <sub>Ω</sub> 37	16 8 35	29介56	08 <b>T</b> 21	09133	15≈22
18 <b>19</b>	21 <b>%</b> 16 21 <b>%</b> 32	00 <b>៤</b> 16 00 <b>៤</b> 02	07¥31 08¥04	24\&50 25\&05	26 II 09 26 II 29	25 Ω 41 25 Ω 45	16 8 39 16 8 43	00 8 18 00 8 39	08 <b>↑</b> 44	091345 091357	15 <b>≈</b> 38 15 <b>≈</b> 53
20	21%32	29-48	08¥04 08¥37	25%05	26 II 29 26 II 50	25 <i>&amp;</i> 49	16847	01800	09T06	10/309	15≈53 16≈09
21	22806	29 <del>-4</del> 6 29 <b>-</b> 34	08 <del>X</del> 37	25%35	27 II 10	25&49 25&54	16851	01821	09 T 29 09 T 52	10/309	16 <b>≈</b> 09
22	22823	29 <u>~</u> 20	09) <del>C</del> 10	25%50	27 II 10	25&59	16855	01842	10 <sup>1</sup> 14	10/321	16 <b>≈</b> 39
23	22%41	29 <b>-</b> 206	10¥15	26%06	27 II 51	26.05	16 8 59	02802	10 <sup>1</sup> 37	101343	16≈54
24	22559	28 <b>-</b> 53	10 <b>)</b> €18	26%21	28 II 12	26 ຄ 11	17803	02 8 23	10介59	101353	17≈09
25	23%16	28-239	11€21	26%37	28 II 32	26Ω18	17807	02844	11122	111/103	17≈24
* <u>26</u>	23534	28-26	11 <b></b> €52	26953	28 II 52	26&24	17811	03 8 04	11Ƴ43	111/312	17≈38
27	23%52	28-2-13	12¥25			26.0.32	17814	03 X 25	12 <u>°</u> 05	111/1/22	17≈52

28	24%10	28 <b>-</b> 00	12¥58	27%25	29 🛚 33	26 ე 40	17 8 18	03 8 46	12↑27	111/331	18≈06
29	24%29	27 <b>≏</b> 46	13 € 30	275642	29 🛚 54	26 ඩ 48	17 8 22	04807	12 <b>~</b> 50	11/39	18≈20
30	24%48	27 <b>≏</b> 33	14₩03	27959	00%16	26£56	17 <del>8</del> 26	04 & 28	13介12	111/347	18 <b>≈</b> 34
				May 1	<b>981</b> , 00:0		<i>T starts</i> v York, Ne	w York, Lo	ongitude	<b>:</b>	
Day	Ceres	Juno	Eros S	Sappho		Vesta	Chiron (			Astarte	Erato
1	25%07	27 <b>≏</b> 20	14 € 35	285315	00937	27 ඩ 05	17 <del>8</del> 30	04849	13℃34	111355	18≈48
2	25%26	27-207	15₩08	28533	00358	27 Ω 15	17834	05 8 10	13个56	121302	19≈02
3	25%45	26-54	15 € 40	28\$50	01320	27 & 24	17 b 38	05831	14 <b>T</b> 18	121309	19≈15
4	26%04	26 <b>-</b> 42	16⊛13	29507	015641	27 & 35	17 <b>8</b> 43	05 8 52	14Ƴ40	12 <b>1</b> 316	19 <b>≈</b> 28
5	26%24	26-230	16 € 45	29\$24	02302	27 ඩ 45	17 8 47	06 წ 13	15℃02	121322	19 <b>≈</b> 41
6	265344	26 <b>-</b> 217	17⊛18	29\$342	02%24	27 & 56	17851	06 8 34	15 <b>T</b> 23	121327	19≈54
7	275604	26 <b>-</b> 05	17 € 50	00&01	02%45	28എ07	17 <del>8</del> 55	06 <del>8</del> 55	15Ƴ45	12132	20≈07
8	27524	25 <b>≏</b> 54	18₩23	00ഹ 19	03507	28പ്പ 19	17 <del>8</del> 59	07 <del>8</del> 16	16℃07	12137	20≈19
9	27%44	25 <b>-</b> 42	18 <b></b>	00ഹ37	03%29	28ഹ31	18 8 03	07 8 37	16 <b>T</b> 28	12V341	20≈32
10	28%05	25 <b>△</b> 31	19 € 27	00ഹ55	03850	28&43	18807	07 8 58	16 <b>T</b> 50	12V345	20≈44
11	28%25	25 <b>≏</b> 20	19⊛59	01&14	04%12	28∂55	18 8 11	08 & 19	17 <b>1</b> 1	121348	20≈56
12	285346	25-209	20 € 32	01Ω32	04%34	29 ე 08	18 8 15	08 8 40	17 <b>T</b> 32	121351	21≈07
13	29806	24-258	21¥04	01Ω51	04956	29 & 21	18 8 19	09800	17 <sup>54</sup>	121354	21≈19
14	29827	24-248	21 <b></b> €36	02Ω10	05%18	29 & 35	18 8 23	09821	18 <b>1</b> 15	121356	21≈30
15 16	29%48 00&10	24 <b>-</b> 38 24 <b>-</b> 28	22¥08 22¥40	02 <i>&amp;</i> 29 02 <i>&amp;</i> 48	05%40 06%02	29£48 00m203	18 8 27 18 8 31	09 8 42 10 8 03	18 $\Upsilon$ 36 18 $\Upsilon$ 57	121357 121359	21 <b>≈</b> 41 21 <b>≈</b> 52
17	00&10 00&31	24 <u>~</u> 28	23¥12	028/48 03Ω07	06%02	00II/03	18835	10803	18 T 57	12V359 12V359	21≈52 22≈03
18	00&51 00&53	24 <b>=</b> 19	23 <del>X</del> 45	03&26	06324	00M/32	18 8 39	10 8 45	19118	12/359	22≈13
19	00&35 01&15	24 <u>~</u> 10	24¥17	03 <sub>0</sub> 20	073608	00MP47	18 8 43	11 8 05	20\(\gamma\)00	12/359	22≈23
20	01&15	23 <b>-</b> 52	24 <del>X</del> 49	04&06	07930	0111703	18847	11826	20120	12/358	22≈33
21	01&58	23 <b>-</b> 32	25¥21	04 <sub>Ω</sub> 25	07952	0111718	18851	11847	20141	121350	22≈43
22	02&20	23-236	25 € 52	04Ω45	08%15	0111734	18 8 55	12 8 08	21\(\Gamma\)	121355	22≈52
23	02&42	23-28	26 € 24	05&05	08%37	0111750	18 8 59	12 8 28	21\cdot 22	121353	23≈02
24	03&05	23-21	26 € 56	05Ω25	08359	0211707	19803	12849	21个43	121350	23≈11
25	03&27	23 <b>-</b> 214	27 € 28	05&45	09\$22	02 <b>11</b> 23	19 წ 07	13 8 10	22 <b>T</b> 03	121347	23 <b>≈</b> 19
26	03&49	23-207	28₩00	06&05	09\$344	02 <b>117</b> 40	19811	13 8 30	22℃23	121344	23 <b>≈</b> 28
27	04Ձ12	23 <b>-</b> 200	28₩32	06&26	10306	02 <b>117</b> 58	19 <b>୪</b> 15	13 8 51	22 <b>T</b> 43	121340	23≈36
28	04&35	22 <b>≏</b> 54	29₩03	06&46	10329	03 <b>M</b> 215	19 8 19	14 8 11	23℃04	12135	23 <b>≈</b> 44
29	04 <i>Q</i> 58	22 <b>-</b> 48	29 € 35	07&07	10%51	0311733	19822	14 8 32	23℃24	12130	23≈52
30	05&20	22 <b>-</b> 43	00℃07	07&27	113514	0311751	19826	14 8 53	23℃44	121325	23≈59
31	05&43	22-38	00T39	07Ω48	11337	0411709	19830	15 8 13	24 1 0 3	12V319	24≈07
D	0	I					w York, Ne				F4.
Day	Ceres	Juno			Psyche	Vesta	Chiron			Astarte	Erato
1	06.030	22-233	01T10	08 გ 09	11%59 12%22	041127	19834	15833	24 <b>T</b> 23	121312	24≈14
3	06A30 06A53	22 <b>-</b> 29	01 <b>T</b> 42	08A30 08A51	12%22	04MP46	19 8 38 19 8 42	15 8 54 16 8 14	24 $\Upsilon$ 43 25 $\Upsilon$ 02	121305 111358	24 <b>≈</b> 20 24 <b>≈</b> 27
4	06&253 07&17	22 <del>-2</del> 21	02 T 14	09&12	133607	05MP05 05MP24	19842	16 8 35	25 T 02	11/350	24×27 24×33
5	07&17	22 <b>-</b> 21	02 T 43	09&33	133307	05MP43	19849	16 8 55	25 <sup>7</sup> 22	11/331	24≈39
6	08&04	22-14	03 T 17	09 ე 54	13553	0611703	19853	17 g 15	26个00	11/334	24≈44
7	08&27	22-211	04↑20	10 $\Omega$ 15	14%15	061123	19857	17 8 36	26 ↑ 20	111/325	24≈50
8	08&51	22 <b>-</b> 09	04介51	10ഹ37	14%38	06MP43	20800	17 <del>8 56</del>	26 <b>T</b> 39	111/316	24≈54
9	09&15	22 <b>-</b> 207	05℃22	10 $\Omega$ 58	15%01	07 <b>11</b> 703	20804	18 <del>8</del> 16	26 <b>T</b> 58	111/306	24≈59
10	09&39	22 <b>-</b> 205	05Ƴ54	11ູ 20	15%24	07 <b>11</b> 23	20 & 08	18 <del>8</del> 36	27 <b>T</b> 16	10 <b>1</b> 356	25≈04
11	10െ03	22 <b>-</b> 03	06℃25	11ഹ41	15%47	07 <b>11</b> 744	20 8 11	18 <del>8</del> 56	27 <b>T</b> 35	10 <b>v</b> 346	25≈08
12	10ഹ27	22 <b>-</b> 202	06 <b>T</b> 56	12ഹ03	16% 10	0811705	20 8 15	19 <del>8</del> 16	27介54	10 <b>1</b> 35	25 <b>≈</b> 11
13	10ഹ52	22 <b>-</b> 201	07℃27	12ഹ25	16%33	08 <b>11</b> 726	20 8 19	19 <del>8</del> 36	28介12	10V324	25≈15
14	11ᡚ16	22 <b>-</b> 01	07介59	12247	16356	08MP47	20822	19856	28介31	101313	25≈18
15	11Ω40	22-01	08T30	13&09	179318	0911708	20 8 26	20 8 16	28 749	101301	25≈21
16	12Ω05	22-201	09 <b>T</b> 01	13Ω31	17%41	0911730	20829	20 8 36	29107	091349	25≈23
17	12Ω29	22 <b>-</b> 201	09 <b>T</b> 32	13Ω53	18504	09MP51	20 8 33	20 8 56	29 7 25	09V337	25≈26
18	12Ω54	22-02	10°°03	14Ω15	18%27	101113	20 8 36	21 8 16	29个43	09\\dagger25	25≈28
19	13 Q 18	22-203	10 T 34	14Ω37	18350	1011735	20 8 40	21 8 36	00801	09V312	25 <b>≈</b> 29
20	13&43	22-204	11105	14Ω59	19313	1011758	20 8 43	21 8 55	00819	08V359	25 <b>≈</b> 31
21	14 Q 08	22-06	11T36	15Ω21	19336	1111120	20846	22 8 15	00836	08V346	25 <b>≈</b> 31
22 23	14Ձ33 14Ձ58	22 <b>-</b> 208	12个07 12个38	15&44 16&06	19%59 20%22	11MP42 12MP05	20 8 50 20 8 53	22 8 35 22 8 54	00854 01811	08\f33 08\f320	25 <b>≈</b> 32 25 <b>≈</b> 32
										08/320	
24	15&23	22 <b>≏</b> 13	13Ƴ09	16ഹ29	20%45	12 <b>11</b> 728	20 & 56	23 8 14	01828	001100	25≈32

25	15&48	22 <b>-</b> 216	13Ƴ39	16ഹട1	21%09	1211751	21800	23 8 33	01845	07 <b>v</b> \$53	25≈32
26	16ഹ 13	22 <b>-</b> 219	14 <b>Υ</b> 10	17 ე 14	21532	1311714	21803	23 8 53	02802	07 <b>v</b> t39	25≈31
27	16ഹ38	22 <b>-2</b> 23	14 <b>T</b> 41	17굁36	21%55	1311738	21806	24 8 12	02819	07 <b>1</b> 325	25≈30
28	17굁04	22 <b>-2</b> 26	15 <b>1</b> 12	17ഹ259	22%18	14MP01	21809	24831	02836	07Vt12	25≈29
29	17പ്പ29	22 <b>-</b> 30	15 <b>°</b> 42	18ഹ22	22%41	14MP25	21 8 12	24 & 50	02852	06 <b>1</b> 758	25≈27
30	17 <i>Ω</i> 54	22 <b>-</b> 35	16 <b>°</b> 13	18Ω44	23%04	141749	21 8 15	25 8 09	03809	06 <b>V</b> 344	25≈25
							v York, Ne				
Day	Ceres	Juno		Sappho		Vesta	Chiron (		Amor	Astarte	Erato
1	18ഹ20	22 <b>-</b> 39	16 <b>°</b> 43	19굁07	23%27	15MP13	21 8 18	25 8 29	03825	06 <b>1</b> 30	25 <b>≈</b> 23
2	18Ω45	22 <b>-</b> 44	17介14	19 230	23950	1511737	21821	25 8 48	03841	06V\$16	25≈20
3	19ᡚ11	22 <b>-</b> 49	17 <b>↑</b> 44	19&53	24%13	161701	21824	26 8 07	03857	06Vt03	25≈17
4	19ω37	22-55	18个15	20Ω16	24%36	161725	21827	26 8 25	04813	05V\$49	25≈14
5	20&02	23 - 00	18 <b>Y</b> 45	20&39	24%59	16MP50	21830	26 8 44	04828	05V336	25≈10
6 7	20Ω28	23-206	19 <b>↑</b> 15	21&02	25%23	17MP14	21833	27 8 03 27 8 22	04844	05/322	25 <b>≈</b> 06
8	20&54 21&20	23 <b>-</b> 213	19か45 20か15	21 <i>Q</i> 25 21 <i>Q</i> 48	25%46 26%09	17MP39 18MP04	21 8 36 21 8 38	27 8 40	04859 05814	05が09 04が56	25≈01 24≈57
9	21&20 21&46	23 <b>-</b> 26	20 T 15	22Ω11	26%32	1811/04	21841	27 8 59	05814	041336	24×57 24×52
10	210/40 22Ω12	23 <b>-</b> 20	21 T 16	22Ω35	26%55	1811/29	21844	28 g 17	05844	04/343	24×32 24×46
11	22 <sub>0</sub> 2 12 22 <sub>0</sub> 238	23 <u>~</u> 40	21 T 16	22 Ω 58	27%18	1911/20	21846	28 8 35	05858	04V331	24≈41
12	23 Ω 04	23 <b>-</b> 48	22 <b>T</b> 16	23Ω21	275641	191720	21849	28 8 54	06 g 13	04V318	24≈35
13	23 <sub>Q</sub> 30	23 <b>-</b> 45	22 <sup>1</sup> 10	23 Ω 45	28304	201710	21852	29 8 11	06827	031354	24≈28
14	23 <i>Q</i> 56	24 <b>~</b> 03	23 <sup>1</sup> 15	24Ω08	28%27	2017 16	21854	29 8 30	06841	031343	24#22
15	24&22	24 <b>≏</b> 11	23 7 45	24Ω31	28350	2111702	21856	29 8 48	06855	0313131	24≈15
16	24&48	24 <b>-</b> 20	24介15	24&55	29%13	2111728	21859	00 II 06	07809	031120	24≈08
17	25&15	24 <b>-</b> 29	24Ƴ44	25	29%36	21 <b>m</b> 754	22801	00 II 24	07822	03Vt10	24≈00
18	25&41	24 <b>-</b> 37	25Ƴ14	25 ე42	29%59	22 <b>11</b> 20	22 8 04	00 II 42	07 <del>8</del> 36	02V\$59	23≈52
19	26 ე07	24-246	25℃43	26ඩ05	00&23	22MP46	22 8 06	00 II 59	07849	021349	23≈44
20	26&34	24 <b>-</b> 56	26Ƴ13	26പ്പ29	00&46	23MP12	22 8 08	01 II 17	08802	021340	23≈36
21	27გ00	25 <b>-</b> 205	26Ƴ42	26ഹ52	01გ09	2311739	22 8 10	01 II 34	08814	02Vt31	23 <b>≈</b> 27
22	27 <i>&amp;</i> 27	25 <b>-</b> 215	27介11	27 ൂ 16	01굁32	24MP05	22 8 12	01 II 52	08827	021322	23≈18
23	27£53	25 <b>≏</b> 25	27 <b>T</b> 41	27 & 40	01굁55	24MP32	22 8 14	02 II 09	08839	02 <b>V</b> \$13	23 <b>≈</b> 09
24	28പ്പ20	25 <b>-</b> 35	28介10	28ഹ03	02&18	24MP58	22 <del>8</del> 16	02 <b>I</b> 26	08851	02 <b>1</b> 305	23≈00
25	28&46	25 <b>-</b> 45	28Ƴ39	28 ე 27	02&41	25MP25	22 8 18	02 II 43	09803	01/357	22≈50
26	29പ്പ3	25 <b>≏</b> 56	29介07	28&51	03&04	25MP52	22 8 20	03 II 00	09815	01V\$50	22≈40
27	29&39	26 <b>-</b> 07	29介36	29&14	03&27	26MP19	22822	03 II 17	09826	01V343	22≈30
28	00 <b>m</b> 206	26 <b>≏</b> 18	00805	29ഹ38	03 <i>Q</i> 50	26MP46	22824	03 II 34	09837	01 <b>v</b> \$37	22≈20
29	001733	26 <b>≏</b> 29	00834	00002	04&13	27MP13	22 8 26	03 II 51	09848	011/31	22≈09
30	0111700	26 <b>-</b> 40	01803	00M26	04&36	271741	22827	04 II 07	09859	01V326	21≈58
31	01 <b>m</b> 27	26 <b>-</b> 52	01831	00M20	04Ω58	28M708	22 & 29 ew York, N	04 II 24	10810	01\f321	21≈47
Day	Caraa	lung	Гтоо (								Frata
	Ceres	Juno		Sappho		Vesta	Chiron (			Astarte	Erato
1 2	01MP54 02MP21	27 <b>△</b> 03 27 <b>△</b> 15	02 8 00 02 8 28	01M714 01M738	05&21 05&44	28MP36 29MP03	22 8 3 1 22 8 3 2	04 II 40 04 II 56	10 8 20 10 8 30	011/16 011/12	21 <b>≈</b> 36 21 <b>≈</b> 25
3	0211721	27 <b>⊆</b> 13	02856	0211738	058/44	291703	22834	05 II 12	10839	01V312	21≈25
4	0311747	27 <b>-</b> 27	03 8 24	0211702	06&30	291758	22 8 35	05 II 28	10849	01V305	21≈02
5	031741	27 <b>≏</b> 52	03 8 52	02MP50	06&53	00 <b>-</b> 26	22 8 36	05 II 44	10858	01/303	20≈50
6	0411708	28 <b>-</b> 204	04820	03MP14	07&15	00 <u></u> 54	22 8 38	06 II 00	11807	011301	20≈39
7	0411735	28 <b>-</b> 217	04848	0311738	07&38	01-22	22 8 39	06 II 15	11816	00V359	20≈27
8	05 <b>11</b> 702	28-230	05 <del>8</del> 16	0411702	08Ձ01	01-250	22840	06 II 31	11824	00V\$58	20≈15
9	05MP30	28-243	05843	04MP26	08&24	02-19	22841	06 II 46	11832	00V357	20≈03
10	05M257	28 <b>≏</b> 56	06 წ 11	04 <b>m</b> /50	08&46	02 <b>-</b> 247	22842	07 II 01	11840	001357	19 <b>≈</b> 51
11	06 <b>m</b> 24	29 <b>-</b> 209	06 X 38	05 <b>m</b> 214	09გ09	03 <b>-</b> 215	22 8 43	07 II 16	11847	001357	19≈39
12	06 <b>m</b> /51	29 <b>-</b> 23	07 8 05	05 <b>17</b> 38	09&32	03 <b>-</b> 43	22844	07 II 31	11854	00Vt58	19 <b>≈</b> 26
13	07 <b>1</b> 718	29 <b>≏</b> 36	07 წ 32	06 <b>17</b> 02	09&54	04 <b>-</b> 212	22 8 45	07 II 46	12801	00 <b>1</b> 59	19 <b>≈</b> 14
14	07 <b>117</b> 45	29 <b>-</b> 50	07 წ 59	06 <b>M</b> 26	10ഹ 17	04 <b>-</b> 41	22 8 46	00 II 80	12808	011301	19≈02
15	08 <b>1</b> 712	00 <b>1</b> 05	08 <del>8</del> 26	06 <b>m</b> /50	10ഹ39	05 <b>-</b> 209	22847	08 II 15	12814	01ฬ03	18≈50
16	08MP40	00M19	08 8 53	07MP14	11Ձ02	05 <b>△</b> 38	22 8 48	08 II 29	12820	01V306	18≈38
17	09 <b>m</b> 207	00M33	09 8 19	0711738	11Ω24	06 <b>≏</b> 07	22 8 48	08 II 43	12826	01V309	18≈26
18	0911734	00M48	09846	0811703	11ᡚ47	06 <b>≏</b> 35	22849	08 II 57	12831	01V312	18≈13
19	100001	01M02	10 8 12	08MP27	12ᡚ09	07 <b>≏</b> 04	22849	09 II 11	12836	01V316	18≈01
20	101129	01M·17	10 8 38	081751	12ᡚ31	07 <b>≏</b> 33	22850	09 II 25	12841	01/321	17≈49
21	101756	01M32	11804	091715	12&54	08-202	22850	09 II 38	12845	01V326	17≈38
22	1111723	01M46	11829	091739	13Ω16	08-231	22851	09 II 51	12849	01/331	17 <b>≈</b> 26
23	1117751	02M202	11855	1011204	13ん38	09 <b>-</b> 201	22851	10 π 05	12853	011/137	17≈14

24	1211718	02ጤ17	12 8 20	101728	14Ω01	09 <b>-</b> 30	22 8 51	10 II 18	12856	01/343	1 <b>7≈</b> 03
25	1211746	02ጤ32	12 & 46	10 <b>m</b> /52	14Ω23	09 <b>-</b> 59	22 8 52	10 X 30	12859	01/350	16≈51
26	1311713	02ሙ47	13 8 10	11 <b>M</b> 216	14Ω45	10-29	22 8 52	10 <b>II</b> 43	13801	01ฬ57	16 <b>≈</b> 40
27	131740	03M03	13 <del>8</del> 35	1117741	15굁07	10 <b>≏</b> 58	22 8 52	10 II 55	13804	02V304	16 <b>≈</b> 29
28	1411708	03ጤ19	14800	121705	15 ე29	11 <b>≏</b> 28	22 8 52	11 II 08	13805	02V312	16 <b>≈</b> 18
29	1411735	03M35	14 8 24	121729	15&51	11 <b>≏</b> 57	22 8 52	11 II 20	13807	02V320	16≈07
30	1511703	03M <sub>-</sub> 50	14 8 48	121753	16Ω13	12 <b>-</b> 27	22 8 52	11 <b>I</b> I 31	13808	02V\$29	15≈57
31	15 <b>11</b> 730	04ሙ06	15 & 12	13 <b>M</b> 218	16Ω35	12 <b>≏</b> 57	22851	11 <b>II</b> 43	13808	02Vt38	15≈46
		'	S	eptembe	er 1981, (	00:00:00,	New York	, New Yorl	k, Longitı	ude	
Day	Ceres	Juno	Eros S	Sappho	Psyche	Vesta	Chiron (	Ophelia	Amor	Astarte	Erato
1	15MP58	04ሙ23	15 <del>8</del> 36	131742	16&57	13 <b>-</b> 26	22851	11 <b>II</b> 55	13809	02 <b>V</b> 348	15≈36
2	16 <b>M</b> 25	04ጤ39	15 <del>8</del> 59	14MP06	17ᡚ19	13 <b>≏</b> 56	22 8 51	12 <b>I</b> I 06	13808	02 <b>V</b> \$58	15≈26
3	16 <b>17</b> 53	04№55	16 <del>8</del> 22	14MP30	17ᡚ41	14 <b>-</b> 26	22851	12 II 17	13808	03Vt08	15≈17
4	17 <b>11</b> 20	05№12	16 <del>8</del> 45	141755	18ഹ03	14 <b>≏</b> 56	22 8 50	12 <b>II</b> 28	13807	03 <b>1</b> 319	15≈07
5	17 <b>17</b> 48	05№28	17 B 08	15 <b>m</b> 19	18ູ 24	15 <b>-</b> 26	22 8 50	12 <b>II</b> 38	13805	031430	14≈58
6	18 <b>M</b> 215	05№45	17 X 30	15 <b>M</b> <sup>2</sup> 43	18ᡚ46	15 <b>≏</b> 56	22 8 49	12 <b>II</b> 49	13803	03V341	14×49
7	18 <b>17</b> 43	06 <b>ሙ</b> 02	17 <del>8</del> 52	16 <b>17</b> 08	19ᡚ08	16 <b>≏</b> 26	22 8 49	12 <b>II</b> 59	13801	031353	14×41
8	19 <b>1</b> 77	06ጤ19	18 <del>8</del> 14	16 <b>M</b> 32	19გ29	16 <b>≏</b> 56	22 8 48	13 <b>I</b> I 09	12858	04Vt05	<b>14≈</b> 32
9	19 <b>17</b> 38	06 <b>I</b> 36	18 <del>8</del> 36	16 <b>m</b> /56	19굁51	17 <b>≏</b> 26	22 8 47	13 <b>I</b> 19	12855	04/318	14≈24
10	20 <b>11</b> 705	06 <b>‰</b> 53	18 <del>8</del> 57	17 <b>1</b> 20	20 ე 12	17 <b>≏</b> 57	22 8 46	13 <b>II</b> 28	12852	04V331	14≈17
11	20 <b>11</b> 733	07ሙ10	19 <del>8</del> 18	17 <b>1</b> 745	20&34	18 <b>≏</b> 27	22 8 46	13 <b>II</b> 37	12848	04V344	<b>14≈</b> 09
12	2111701	07ሙ27	19 B 38	18 <b>1</b> 709	20굁55	18 <b>≏</b> 57	22 8 45	13 <b>II</b> 46	12843	04ฬ57	14≈02
13	2111728	07ሙ45	19 <del>8</del> 58	18 <b>17</b> 33	21&16	19 <b>-</b> 28	22844	13 <b>II</b> 55	12838	05/311	13≈56
14	2111756	08M02	20 B 18	18 <b>m</b> /57	21굁38	19 <b>≏</b> 58	22 8 43	14 II 04	12833	05が25	13 <b>≈</b> 49
15	22 <b>11</b> 23	08ጤ19	20 B 38	19 <b>17</b> 22	21굁59	20 <b>-</b> 29	22842	14 II 12	12827	05 <b>1</b> 340	13 <b>≈</b> 43
16	22 <b>m</b> /51	08 <b>I</b> 37	20 B 57	19 <b>17</b> 46	22&20	20 <b>-</b> 59	22841	14 II 20	12821	05ฬ55	13 <b>≈</b> 37
17	23 <b>M</b> 18	08№55	21 & 16	20 <b>m</b> 10	22&41	21 <b>-</b> 30	22 8 39	14 II 28	12814	06 <b>1</b> 310	13 <b>≈</b> 32
18	23 <b>117</b> 46	09 <b>ጤ</b> 13	21834	20 <b>1</b>	23굁02	22 <b>-</b> 201	22 8 38	14 II 35	12807	06が25	13 <b>≈</b> 27
19	24MP13	09M30	21853	20 <b>m</b> 58	23&23	22 <b>-</b> 31	22 8 37	14 II 42	12800	06 <b>V</b> 341	13 <b>≈</b> 22
20	24MP41	09M48	22 8 10	211723	23ᡚ44	23 <b>-</b> 202	22 8 36	14 II 50	11852	06 <b>1</b> 357	13 <b>≈</b> 18
21	25MP08	10№06	22 <del>8</del> 27	2111747	24굁05	23 <b>-</b> 33	22 8 34	14 II 56	11843	07 <b>1</b> 3	13 <b>≈</b> 14
22	25 <b>117</b> 36	10M-25	22 8 44	22 <b>M</b> 211	24紀25	24 <b>-</b> 204	22 8 33	15 II 03	11834	07Vt30	13≈10
23	26 <b>17</b> 04	10M-43	23 8 01	22 <b>M</b> 35	24ん46	24 <b>-</b> 35	22 8 31	15 II 09	11825	07V347	13≈07
24	26 <b>M</b> 231	11ሙ01	23 <del>8</del> 16	22 <b>m</b> 59	25&07	25 <b>≏</b> 05	22 8 30	15 <b>I</b> 15	11815	08 <b>V</b> 304	13≈04
25	26 <b>m</b> 59	11ጤ19	23 8 32	23 <b>m</b> 24	25გ27	25 <b>-</b> 36	22 8 28	15 II 20	11805	08ฬ21	13≈01
26	27 <b>11</b> 726	11ጤ38	23 8 47	23 <b>M</b> 48	25ん48	26 <b>-</b> 07	22 8 26	15 II 26	10854	08 <b>1</b> 439	12 <b>≈</b> 59
27	27MP54	11M56	24801	24MP12	26 ე 08	26 <b>≏</b> 38	22 8 25	15 II 31	10843	08Vt57	12≈57
28	28 <b>1</b> 721	12M·15	24 8 15	24MP36	26 ე28	27 <b>≏</b> 10	22 8 23	15 <b>I</b> I 35	10832	09Vt15	<b>12≈</b> 56
29	28 <b>M</b> 749	12M33	24 8 28	25M700	26 249	27 <b>≏</b> 41	22821	15 II 40	10820	09V334	12≈55
30	29 <b>11</b> 716	12 <b>M</b> 52	24841	25M24	27Ω09	28 <b>≏</b> 12		15 🛚 44	10807		12≈54
	0						ew York, N				
Day	Ceres	Juno		Sappho		Vesta	Chiron (	•		Astarte	Erato
1	291743	13M·11	24 8 53	25M748	27Ω29	28 <b>≏</b> 43	22 8 17	15 II 48	09854	101311	12 <b>≈</b> 54
2	00-211	13M30	25 8 04	26M712	27Ω49	29-214	22 8 15	15 X 51	09841	10131	12 <b>≈</b> 54
3	00-239	13/148	25 8 15	26M736	28Ω09	29 <u>~</u> 45	22 8 13	15 II 55	09827	101350	12≈54
4	01-206	14M 26	25 8 26	27M700	28 0 48	00M 17	22811	15 II 57	09813	11/310	12 <b>≈</b> 55
5	01-233	14M26	25 8 36	27MP24	28Ω48	00M48	22809	16 X 03	08859	111/30	12 <b>≈</b> 56
6	02 <b>-</b> 201	14M45	25 8 45 25 8 53	27M748	29.07	01M20	22807	16 II 02 16 II 04	08 8 44 08 8 29	111/350	12 <b>≈</b> 58
7 8	02 <u>~</u> 56	15M-05		28M712	29.0.46	01M51	22 8 05			121310	13 <b>≈</b> 00
8	02=56	15M-24 15M-43	26 8 01 26 8 08	28M736 29M700	29&46 00MP06	02 <b>ሙ</b> 23 02 <b>ሙ</b> 54	22 8 02 22 8 00	16 II 06 16 II 07	08 8 13 07 8 57	12131 121351	13 <b>≈</b> 02 13 <b>≈</b> 05
10	03 <del>=</del> 23	16M·02	26 8 14	29M23	00M26	02IIL54	21858	16 X 07	07841	13/312	13×05 13×08
11	03 <u>=</u> 30 04 <u></u> 218	16M22	26 8 20	29M747	00M745	03M57	21855	16 II 09	07824	13/3/33	13≈11
12	04 <u>2</u> 45	16M41	26 8 25	00-11	0111704	04M29	21853	16 X 09	07808	131355	13 <b>≈</b> 11
13	04 <u>4</u> 45	17M00	26 g 29	00 <del>=</del> 11	0111704	05M00	21851	16 X 09	06850	14/316	13 <b>≈</b> 15
14	05 <u>~</u> 40	17/1000 17/1020	26 8 32	00 <b>—</b> 55	0111723	05M32	21848	16 X 09	06833	14/310	13 <b>≈</b> 19
15	05 <b>-</b> 40	17/1020 17/1039	26 8 35	00 <b>—</b> 39	0211700	06M <sub>0</sub> 04	21846	16 X 08	06 8 15	15/300	13 <b>≈</b> 24
16	06 <b>-</b> 07	17/1059 17/1059	26 8 37	01 <del>-</del> 25	0211700	06M35	21843	16 X 07	05857	15/300	13≈33
17	00 <b>—</b> 34 07 <b>≏</b> 01	18M·19	26 8 38	01 <del>=</del> 40	0211713	07M <sub>0</sub> 7	21840	16 X 07	05839	15 <b>V</b> 344	13≈39
18	07 <b>—</b> 01	18M38	26 8 38	02 <del>-</del> 10	02M756	07ft39	21838	16 X 04	05821	16V\$07	13 <b>≈</b> 39
19	07 <b>-</b> 26 07 <b>-</b> 56	18M·58	26 8 37	02 <b>-</b> 57	03MP14	08M-11	21835	16 11 02	05802	16V307	13 <b>≈</b> 43
20	07 <b>—</b> 30 08 <b>≏</b> 23	19M·18	26 8 36	02 <u>-</u> 37	0311714	08M-43	21832	15 X 59	04843	16V329	13 <b>≈</b> 57
21	08 <b>-</b> 25	19M38	26 8 33	03 <b>-</b> 21	0311753	09M-14	21830	15 X 56	04825	17/315	14 <b>≈</b> 04
22	00 <b>—</b> 30 09 <b>△</b> 17	191050 19M <sub>2</sub> 57	26 X 30	03 <b>-</b> 44 04 <b>-</b> 208	0411709		21827	15 X 53	04805		14≈11

23	09 <b>-</b> 244	20M <sub>17</sub>	26 & 26	04 <b>-</b> 31	041127	10M·18	21824	15 X 50	03846	18 <b>1</b> 302	14≈19
24	10 <b>-</b> 211	20№37	26 8 20	04 <b>≏</b> 55	0411744	10№50	21821	15 <b>II</b> 46	03827	18 <b>1</b> 325	14≈27
* <u>25</u>	10 <b>△</b> 39	20№58	26 <del>8</del> 14	05 <b>-</b> 19	05MP03	11 <b>1</b> 023	21 8 18	15 II 42	03807	181350	14≈35
26	11 <b>≏</b> 06	21ጤ18	26 <del>8</del> 07	05 <b>-</b> 42	05M20	11№55	21 8 15	15 II 37	02847	191314	14≈44
27	11 <b>≏</b> 33	21 <b>I</b>	25 g 59	06 <b>≏</b> 06	05MP38	12 <b>1</b> 27	21 8 13	15 II 32	02828	19137	14≈52
28	12 <b>-2</b> 00	21№58	25 g 50	06 <b>-</b> 29	05MP55	12 <b>1</b> 059	21 8 10	15 II 27	02808	201302	15≈02
29	12 <b>≏</b> 27	22№18	25 <del>8</del> 40	06 <b>≏</b> 52	06MP12	13M31	21807	15 II 22	01849	20 <b>1</b> 26	15≈11
30	12 <b>≏</b> 54	22№38	25 g 30	07 <b>≏</b> 15	06 <b>M</b> 29	14M <sub>0</sub> 3	21804	15 II 16	01829	201350	15 <b>≈</b> 21
31	13 <b>-2</b> 20	22№58	25 <del>8</del> 18	07 <b>-</b> 39	06 <b>M</b> 746	14M <sub>-</sub> 36	21801	15 II 10	01810	211315	15≈31
						*/)<	ST ends				
			N	ovembe	r 1981, 0		New York,	New York	k, Longitu	ıde	
Day	Ceres	Juno	Eros S	Sappho	Psyche	Vesta	Chiron (	Ophelia	Amor	Astarte	Erato
1	13 <b>≏</b> 47	23№19	25 8 06	08 <b>-</b> 2	07 <b>11</b> 702	15№08	20 8 58	15 <b>I</b> I 03	00851	211/39	15≈41
2	14 <b>≏</b> 14	23№39	24 8 53	08 <b>≏</b> 25	07 <b>m</b> 219	15№40	20 8 55	14 II 57	00831	221304	15≈52
3	14 <b>-</b> 241	23№59	24 8 38	08 <b>-</b> 48	07M25	16 <b>I</b> 12	20 8 52	14 II 50	00812	22 <b>V</b> \$29	16≈02
4	15 <b>≏</b> 07	24ጤ19	24 8 23	09 <b>≏</b> 11	07M251	16№44	20 8 49	14 II 42	29介53	221354	16 <b>≈</b> 14
5	15 <b>≏</b> 34	24 <b>I</b> 40	24 & 08	09 <b>~</b> 33	08 <b>117</b> 08	17 <b>I</b> 16	20 8 46	14 II 34	29Ƴ34	23 <b>1</b> 3 19	16 <b>≈</b> 25
6	16 <b>≏</b> 00	25№00	23 8 51	09 <b>≏</b> 56	081123	17ሙ48	20 8 43	14 II 26	29介15	231344	16 <b>≈</b> 37
7	16 <b>≏</b> 27	25№20	23 8 34	10 <b>≏</b> 19	0811739	18ሙ21	20840	14 II 18	28介57	24/ร 10	16 <b>≈</b> 49
8	16 <b>≏</b> 53	25№41	23 8 16	10 <b>≏</b> 42	0811755	18 <b>M</b> -53	20 8 36	14 II 10	28介39	24Vt35	17≈01
9	17 <b>≏</b> 20	26№01	22 8 57	11 <b>≏</b> 04	09 <b>11</b> 7	19№25	20833	14 X 01	28↑21	25 <b>1</b> 301	17≈14
10	17 <b>-≏</b> 46	26 <b>‰</b> 21	22 <del>8</del> 38	11 <b>≏</b> 27	09 <b>17</b> 26	19№57	20830	13 II 52	28个03	25Vt 27	17≈27
11	18 <b>≏</b> 12	26№42	22 8 19	11 <b>≏</b> 50	09 <b>17</b> 41	20№30	20 8 27	13 <b>II</b> 42	27介45	25 <b>1</b> 753	17≈40
12	18 <b>-</b> 39	27№02	21 8 58	12 <b>-</b> 212	09 <b>m</b> 56	21№02	20824	13 <b>I</b> 33	27℃28	26Vf 18	17≈53
13	19 <b>≏</b> 05	27№23	21837	12 <b>-</b> 35	1011/21	21№34	20821	13 <b>I</b> 23	27介11	26 <b>1</b> 345	18 <b>≈</b> 07
14	19 <b>-</b> 231	27 <b>‰</b> 43	21 8 16	12 <b>≏</b> 57	101125	22№06	20 8 18	13 II 13	26℃55	27V311	18≈21
15	19 <b>≏</b> 57	28№04	20 8 55	13 <b>≏</b> 19	1011740	22№39	20 8 15	13 <b>I</b> I 02	26 <b>T</b> 38	27Vt37	18≈35
16	20 <b>-2</b> 23	28№24	20 8 33	13 <b>≏</b> 41	1011754	23№11	20 8 12	12 II 52	26↑22	28Vf03	18 <b>≈</b> 49
17	20 <b>-</b> 49	28№45	20 8 10	14 <b>≏</b> 04	1111708	23№43	20 8 09	12 X 41	26 <b>T</b> 07	28130	19 <b>≈</b> 04
18	21 <b>-</b> 215	29№05	19 <del>8</del> 48	14 <b>≏</b> 26	1111722	24№16	20 8 06	12 <b>I</b> I 30	25 <b>T</b> 51	28VI56	19 <b>≈</b> 18
19	21 <b>-</b> 41	29№25	19 <del>8</del> 25	14 <b>-</b> 48	1111736	24№48	20802	12 II 19	25℃36	29Vt23	19 <b>≈</b> 33
20	22 <b>-2</b> 07	29№46	19803	15 <b>-</b> 210	1111749	25№20	19859	12 <b>I</b> I 08	25↑22	29V349	19 <b>≈</b> 49
21	22 <b>≏</b> 33	00≯07	18840	15 <b>≏</b> 32	1211702	25№53	19856	11 II 56	25↑08	00≈17	20≈04
22	22 <b>≏</b> 58	00727	18 8 17	15-254	1211715	26№25	19853	11 II 44	24 754	00≈44	20≈20
23	23 <b>-</b> 24	00≯ <sup>7</sup> 48	17 8 55	16 <b>≏</b> 15	121728	26№57	19850	11 X 33	24 741	01≈11	20≈36
24	23 <b>-</b> 50	01708	17 8 33	16 <b>≏</b> 37	121741	27№30	19847	11 X 21	24 7 28	01≈38	20≈52
25	24-2-15	01729	17811	16 <b>≏</b> 59	121754	281102	19844	11 II 09	24个15	02≈05	21≈09
26	24-241	01×750	16 8 49	17 <b>-</b> 20	1311706	28M35	19841	10 X 44	24个03	02≈32	21≈25
27	25 <b>-</b> 26	02×710	16 8 28	17 <b>≏</b> 41	1311718	29M-06	19838	10 X 44	23T52	03≈00	21842
28 <b>29</b>	25 <b>△</b> 31 25 <b>△</b> 57	02×731	16 8 07	18 <b>△</b> 03	13MP30 13MP41	291139	19835	10 X 32	23个41	03≈27	21 <b>≈</b> 59
30	25 <b>=</b> 57 26 <b>-</b> 22	02₹51 03₹12	15 8 47 15 8 28	18 <u>~</u> 45	1311/41	00 ₹ 12 00 ₹ 44	19 8 32 19 8 29	10 X 19	23 <sup>3</sup> 0 23 <sup>2</sup> 0	03≈55 04≈22	22 <b>≈</b> 16 22 <b>≈</b> 34
30	20—22	00/11/2					New York,				~~~~J4
Day	Ceres	Juno		Sappho		Vesta	Chiron			Astarte	Erato
1	26 <b>≏</b> 47	03≯733	15 8 09	19 <b>≏</b> 06	1411704	01才17	19826	09 II 54	23介11	04≈50	22≈51
2	27 <b>≏</b> 12	03≯753	14851	19 <b>-</b> 27	14M215	01≯749	19824	09 II 42	23℃02	05 <b>≈</b> 18	23 <b>≈</b> 09
3	27 <b>-</b> 37	04≯714	14 8 34	19 <b>-</b> 48	1 <b>4</b> 1 1 2 6	02才21	19821	09 II 29	22 <b>T</b> 53	05≈45	23 <b>≈</b> 27
4	28 <b>-</b> 202	04≯734	14 8 18	20 <b>-</b> 209	1 <b>4</b> 11736	02≯754	19 8 18	09 II 17	22个45	06≈13	23 <b>≈</b> 45
5	28 <b>-</b> 26	04≯755	14 8 03	20-230	1 <b>4</b> 1746	03≯726	19 8 15	09 II 04	22 <b>T</b> 37	06≈41	24≈04
6	28 <b>≏</b> 51	05≯715	13 8 48	20 <b>-</b> 50	14MP56	03≯758	19812	08 II 52	22 <b>T</b> 30	07≈09	24≈22
7	29 <b>≏</b> 15	05≯736	13 8 35	21 <b>≏</b> 11	1511706	04≯731	19 8 10	08 X 40	22 <b>T</b> 23	07 <b>≈</b> 37	24≈41
8	29 <b>-</b> 40	05≯756	13 8 23	21 <b>-</b> 31	15 <b>11</b> 716	05≯03	19807	08 II 27	22 <b>1</b> 7	08≈06	25≈00
9	00 <b>1</b> 05	06≯717	13 8 12	21 <b>≏</b> 51	15MP25	05≯36	19804	08 II 15	22介11	08 <b>≈</b> 34	25≈19
10	00№29	06≯737	13 8 02	22 <b>-</b> 212	15 <b>117</b> 34	06≯708	19802	08 X 03	22 <b>T</b> 06	09≈02	25≈38
11	00№53	06≯758	12 8 53	22 <b>-</b> 32	15 <b>17</b> 42	06≯740	18 8 59	07 II 51	22 <b>T</b> 01	09≈30	25≈58
12	01ጤ17	07≯718	12 8 45	22 <b>-</b> 52	15MP51	07≯13	18 8 57	07 II 39	21介57	09≈59	26≈18
13	01№42	07≯739	12 8 38	23 <b>-</b> 212	15 <b>m</b> 259	07≯745	18854	07 II 27	21个53	10≈27	26≈37
14	02№06	07≯759	12 8 33	23-231	16 <b>11</b> 907	08≯17	18 8 52	07 II 15	21个50	10≈56	26≈57
15	02№29	08≯720	12 8 29	23 <b>-</b> 51	16 <b>M</b> 214	08≯750	18849	07 II 04	21个47	11≈24	27≈17
16	02№53	08≯740	12 8 26	24 <b>≏</b> 10	161722	09≯722	18847	06 II 53	21个45	11≈53	27≈38
17	03M <sub>-</sub> 17	09₹00	12824	24-230	161729	09≯54	18844	06 X 41	21个43	12≈21	27≈58
18	03M40	09 <i>₹</i> 121	12 8 23	24 <b>-</b> 49	161736	10 ₹ 26	18842	06 X 30	21个42	12≈50	28≈18
19	04ጤ04	09 <i>オ</i> 41	12 8 24	25 <b>-</b> 208	16MP42	10 ⊀ 59	18840	06 II 20	21个41	13 <b>≈</b> 19	28 <b>≈</b> 39

20	04ሙ27	10才01	12 <del>8</del> 26	25 <b>-</b> 27	16MP48	11≯731	18 8 38	06 II 09	21个41	13 <b>≈</b> 48	29≈00
21	04ጤ51	10≯722	12 8 29	25 <b>-2</b> 46	16MP54	12₹03	18 <del>8</del> 35	05 II 59	21个41	14≈16	29 <b>≈</b> 21
22	05№14	10≯742	12 8 33	26 <b>-</b> 205	17 <b>1</b> 700	12⊀35	18 8 33	05 II 48	21个41	14≈45	29 <b>≈</b> 42
23	05№37	11≯702	12 8 38	26 <b>-</b> 23	17 <b>1</b> 705	13才08	18831	05 <b>I</b> 39	21个42	15≈14	00¥03
24	06M00	11 <i>オ</i> 22	12 8 45	26 <b>-</b> 42	17 <b>1</b> 7	13≯740	18 8 29	05 II 29	21个43	15≈43	00 <b>X</b> 25
25	06№22	11 <b>才</b> 43	12 <del>8</del> 53	27 <b>-</b> 200	17MP15	14 ≯ 12	18 8 27	05 II 19	21个45	16≈12	00 € 46
26	06№45	12≯703	13 8 02	27 <b>≏</b> 18	17 <b>1</b> 9	14≯744	18 8 25	05 X 10	21个48	16≈41	01 <del>X</del> 08
27	07M08	12 <b>₹</b> 23	13 8 13	27 <b>-</b> 36	17MP23	15≯16	18 8 23	05 II 02	21个50	17≈10	01 <b>X</b> 30
28	07 <b>‰</b> 30	12 <b>才</b> 43	13 8 24	27 <b>-</b> 54	17MP27	15≯749	18 8 22	04 II 53	21个54	17≈39	01 <del>X</del> 52
29	07ሙ52	13≯703	13 <del>8</del> 37	28 <b>≏</b> 12	17 <b>17</b> 30	16≯721	18 8 20	04 II 45	21个57	18 <b>≈</b> 09	02 <b></b>
30	08 <b>‰</b> 15	13≯723	13 8 51	28 <b>-</b> 29	17MP33	16≯753	18 8 18	04 🛚 37	22 <b>°</b> 01	18 <b>≈</b> 38	02 <b>X</b> 36
31	08 <b>M</b> 37	13≯743	14 <del>8</del> 06	28 <b>-</b> 47	17 <b>17</b> 36	17≯725	18 <del>8</del> 16	04 II 29	22 <b>T</b> 06	19≈07	02 <b>X</b> 59

## Sappho Psyche Vesta Chiron Ophelia 29 - 03 17MP38 17×757 18 8 15 04 11 22 29-20 17MP40 18 7 29 18 8 13 04 II 15

17MP42

17MP43

17MP44

17MP45

17MP45

17MP45

17MP45

17MP44

17MP43

19701

19 7 33

20 🗷 05

20 🗷 37

21709

21740

22 🗷 12

22 🗷 44

23 🗷 16

Asteroids Ephemeris January 1982, 00:00:00, New York, New York, Longitude

18 8 12

18 8 10

18 g 09

18808

18 8 06

18 g 05

18 8 04

18803

18 8 02

**Amor** 

22T10

22T16

22T21

22T28

22T34

22T41

22T48

22T56

23T04

23T12

23T21

23T30

23T39

23T49

23T59

04 II 08

04 II 02

03 II 56

03 11 50

03 II 45

03 II 40

03 II 35

03 II 31

03 11 27

Astarte

19≈36

20 206

20 \$35

21 204

21 2 3 4

22 203

22#33

23 202

23#32

24 201

24\sigma31

25 \$\infty 00

25 \$\pi 30

25 \$ 59

26 \$29

**Erato** 

03¥21

03 X 44

04¥06

04**X**29

04X52

05**X**15

05X38

06X01

06X25

06X48

07 X 12

07 X 35

07**X**59

08¥23

08**X**47

15**X**47

16X13

16**X**38 17 € 04

17**X**29

 $17 \pm 55$ 

18**X**21

18**X**46

19X12

19**X**38

20X04

20X30

20X56

21X22

21**X**49

22X15

22\**£**41

23¥07

23X34

24\*X*00

24X27

24X53

25X20

25X47

26X13

26¥40

 $04 \pm 54$ 

05X24

05X54

06**X**24

06X54

07 X 23

07 X 53

08 X 23

08 X 53

09X23

09X52

10 X 22

10 X 52

11¥22

11X52

12¥21

12**X**51

13¥21

13**X**51

14 X 20

14 X 50

15**X**20

15X50

16X19

16**X**49

17**X**19

14№09	18≯756	20 & 26	03M00	17MP33	25≯754	17 <del>8</del> 58	03 II 13	24 <b>T</b> 09	26≈58	09ℋ11
14№29	19 🖈 15	20 <del>8 5</del> 7	03M·15	17MP30	26≯726	17 <del>8 5</del> 7	03 X 11	24℃20	27≈28	09 <b>X</b> 35
14№48	19≯734	21 & 29	03№29	17 <b>17</b> 26	26≯757	17 <del>8 5</del> 6	03 II 10	24 <b>T</b> 31	27≈58	09 € 59
15№07	19≯753	22 8 02	03№42	17MP23	27≯729	17 <del>8 5</del> 6	03 🛚 09	24 <b>T</b> 43	28≈27	10 € 24
15№26	20 🗷 12	22 <del>8</del> 36	03№56	17MP18	28≯700	17 <del>8 5</del> 5	03 <b>I</b> 08	24 <b>T</b> 54	28≈57	10 € 48
15№45	20≯731	23 & 10	04№09	1711/14	28≯732	17 <del>8 5</del> 5	03 <b>I</b> 08	25 <b>T</b> 06	29≈26	11 <b>光</b> 13
16M <sub>0</sub> 3	20才49	23 & 45	04№22	1 <b>7</b> 09	29≯703	17 <del>8 5</del> 5	03 II 08	25 <b>T</b> 19	29≈56	11 € 37
16M22	21≯708	24821	04№35	17MP04	29≯734	17 <del>8 54</del>	03 🛚 09	25 <b>T</b> 31	00 € 26	12 € 02
16№40	21才27	24 <del>8</del> 58	04№47	16 <b>m</b> 58	00 <b>1</b> 700	17 <del>8 54</del>	03 🛚 09	25Ƴ44	00 € 56	12 <b>¥27</b>
16 <b>№</b> 58	21🖈 45	25 <del>8</del> 35	05№00	16MP52	00 <b>V</b> 37	17 <del>8 54</del>	03 II 11	25 <b>T</b> 58	01 € 26	12 <del>¥</del> 51
17 <b>1</b> 015	22≯704	26 <del>8</del> 13	05№12	16 <b>17</b> 46	01 <b>1</b> 308	17 <del>8 54</del>	03 II 12	26 <b>T</b> 11	01発56	13 € 16
17 <b>M</b> 33	22722	26 <del>8</del> 52	05№23	16MP40	01 <b>1</b> 39	17 <del>8</del> 54	03 II 14	26 <b>T</b> 25	02¥25	13 € 41
17 <b>‰</b> 50	22≯740	27 8 31	05№35	16 <b>17</b> 33	02 <b>V</b> \$10	17 <del>8</del> 54	03 II 16	26 <b>T</b> 39	02 <del>¥</del> 55	14 € 06
18 <b>‰</b> 07	22≯759	28 & 11	05№46	16 <b>17</b> 26	02 <b>V</b> \$42	17 <del>8</del> 54	03 II 19	26 <b>T</b> 54	03 € 25	14 <b>X</b> 31
18№24	23≯17	28 <del>8</del> 52	05№57	16 <b>17</b> 18	03 <b>V</b> 13	17 <del>8</del> 54	03 🛚 22	27℃08	03 <b>X</b> 55	14 € 57
18 <b>M</b> 41	23≯735	29 8 32	06№08	16MP10	03 <b>V</b> 344	17 <del>8</del> 54	03 II 25	27℃23	04 € 25	<b>15¥22</b>
			February	<b>/ 1982</b> , 00	0:00:00, N	lew York,	New York,	, Longitu	de	
Ceres	Juno	Eros	Sappho	<b>Psyche</b>	Vesta	Chiron	Ophelia	Amor	Astarte	Erato
	14M29 14M48 15M07 15M26 15M45 16M03 16M22 16M40 16M58 17M15 17M33 17M50 18M07 18M24 18M41	14m29 19 15 14m48 19 34 15m07 19 35 15m26 20 31 15m45 20 31 16m03 20 34 16m22 21 308 16m40 21 32 16m58 21 345 17m15 22 304 17m33 22 32 17m50 22 340 18m07 22 35 18m24 23 31 18m41 23 335	14m29 19x15 20 857 14m48 19x34 21 829 15m07 19x53 22 802 15m26 20x12 22 836 15m45 20x31 23 810 16m03 20x49 23 845 16m22 21x08 24 821 16m40 21x27 24 858 16m58 21x45 25 835 17m15 22x04 26 813 17m33 22x22 26 852 17m50 22x40 27 831 18m07 22x59 28 811 18m24 23x17 28 852 18m41 23x35 29 832	14m29       19x15       20 857       03m15         14m48       19x34       21 829       03m29         15m07       19x53       22 802       03m42         15m26       20x12       22 836       03m56         15m45       20x31       23 810       04m09         16m03       20x49       23 845       04m22         16m22       21x08       24 821       04m35         16m40       21x27       24 858       04m47         16m58       21x45       25 835       05m00         17m15       22x04       26 813       05m12         17m33       22x22       26 852       05m23         17m50       22x40       27 831       05m35         18m07       22x59       28 811       05m46         18m24       23x17       28 852       05m57         18m41       23x35       29 832       06m08         February	14m29 19 x 15 20 x 57 03m15 17m730 14m48 19 x 34 21 x 29 03m29 17m726 15m07 19 x 53 22 x 02 03m42 17m723 15m26 20 x 12 22 x 36 03m56 17m718 15m45 20 x 31 23 x 10 04m09 17m714 16m03 20 x 49 23 x 45 04m22 17m709 16m22 21 x 08 24 x 21 04m35 17m704 16m40 21 x 27 24 x 58 04m47 16m758 16m58 21 x 45 25 x 35 05m00 16m752 17m15 22 x 04 26 x 13 05m12 16m740 17m50 22 x 40 27 x 31 05m23 16m740 17m50 22 x 40 27 x 31 05m25 16m733 18m07 22 x 59 28 x 11 05m46 16m726 18m24 23 x 17 28 x 52 05m57 16m718 18m41 23 x 35 29 x 32 06m08 16m710 February 1982,00	14m29 19x15 20 857 03m15 17m20 26x26 14m48 19x34 21 829 03m29 17m26 26x57 15m07 19x53 22 802 03m42 17m23 27x29 15m26 20x12 22 836 03m56 17m18 28x00 15m45 20x31 23 810 04m09 17m14 28x32 16m03 20x49 23 845 04m22 17m09 29x03 16m22 21x08 24 821 04m35 17m04 29x34 16m40 21x27 24858 04m47 16m58 00v306 16m58 21x45 25 835 05m00 16m52 00v337 17m15 22x04 26 813 05m12 16m46 01v308 17m33 22x22 26 852 05m23 16m40 01v339 17m50 22x40 27 831 05m35 16m33 02v310 18m07 22x59 28 811 05m46 16m26 02v342 18m24 23x17 28 852 05m57 16m18 03v313 18m41 23x35 29 832 06m08 16m10 03v344 February 1982,00:00:00, N	14m29 19x15 20 857 03m15 17m20 26x26 17857 14m48 19x34 21 829 03m29 17m26 26x57 17856 15m07 19x53 22 802 03m42 17m23 27x29 17856 15m26 20x12 22 836 03m56 17m18 28x00 17855 15m45 20x31 23 810 04m09 17m14 28x32 17855 16m03 20x49 23 845 04m22 17m09 29x03 17855 16m22 21x08 24821 04m35 17m04 29x34 17854 16m40 21x27 24858 04m47 16m58 00v306 17854 16m58 21x45 25 835 05m00 16m52 00v37 17854 17m15 22x04 26 813 05m12 16m46 01v38 17854 17m50 22x40 27831 05m23 16m20 01v39 17854 17m50 22x40 27831 05m35 16m33 02v310 17854 18m07 22x59 28811 05m46 16m26 02v342 17854 18m24 23x37 28852 05m57 16m18 03v313 17854 18m41 23x35 29832 06m08 16m10 03v344 17854 February 1982,00:00:00, New York,	14m29 19x15 20 857 03m15 17m30 26x26 17857 03 111 14m48 19x34 21 829 03m29 17m26 26x57 17856 03 110 15m07 19x53 22 802 03m42 17m23 27x29 17856 03 109 15m26 20x12 22 836 03m56 17m18 28x00 17855 03 108 15m45 20x31 23 810 04m09 17m14 28x32 17855 03 108 16m03 20x49 23 845 04m22 17m09 29x03 17855 03 108 16m22 21x08 24 821 04m35 17m04 29x34 17854 03 109 16m40 21x27 24 858 04m47 16m58 00v36 17854 03 109 16m58 21x45 25 835 05m00 16m52 00v37 17854 03 111 17m15 22x04 26 813 05m12 16m46 01v38 17854 03 112 17m33 22x22 26 852 05m23 16m40 01v38 17854 03 114 17m50 22x40 27 831 05m35 16m33 02v310 17854 03 116 18m07 22x59 28 811 05m46 16m26 02v342 17854 03 119 18m24 23x35 29 832 06m08 16m10 03v344 17854 03 122 18m41 23x35 29 832 06m08 16m10 03v344 17854 03 125 February 1982,00:00:00, New York, New York	14m29 19 x 15 20 x 57 03m15 17m730 26 x 26 17 x 57 03 x 11 24 x 20 14m48 19 x 34 21 x 29 03m29 17m26 26 x 57 17 x 56 03 x 10 24 x 31 15m07 19 x 53 22 x 02 03m42 17m23 27 x 29 17 x 56 03 x 09 24 x 43 15m26 20 x 12 22 x 36 03m56 17m18 28 x 00 17 x 55 03 x 08 24 x 54 15m45 20 x 31 23 x 10 04m09 17m14 28 x 32 17 x 55 03 x 08 25 x 06 16m03 20 x 49 23 x 45 04m22 17m09 29 x 03 17 x 55 03 x 08 25 x 19 16m22 21 x 08 24 x 21 04m35 17m04 29 x 34 17 x 54 03 x 09 25 x 31 16m40 21 x 27 24 x 58 04m47 16m58 00 x 10 17 x 54 03 x 10 19 25 x 16m58 21 x 45 25 x 35 05m00 16m52 00 x 37 17 x 54 03 x 11 25 x 58 17m15 22 x 04 26 x 13 05m12 16m46 01 x 08 17 x 54 03 x 11 25 x 58 17m50 22 x 40 27 x 31 05m35 16m 33 02 x 10 17 x 54 03 x 11 26 x 11 17m33 22 x 22 26 x 52 05m23 16m 40 01 x 39 17 x 54 03 x 11 26 x 51 17m50 22 x 40 27 x 31 05m35 16m 33 02 x 10 17 x 54 03 x 11 26 x 53 18m07 22 x 59 28 x 11 05m46 16m 26 02 x 42 17 x 54 03 x 19 26 x 54 18m24 23 x 17 28 x 52 05m57 16m 18 03 x 13 17 x 54 03 x 12 27 x 08 18m41 23 x 35 29 x 32 06m08 16m 10 03 x 44 17 x 54 03 x 22 x 7x 23 February 1982, 00:00:00, New York, New York, Longitu	14m29 19 x 15 20 x 57 03m15 17m730 26 x 26 17 x 57 03 x 11 24m20 27 x 28 14m48 19 x 34 21 x 29 03m29 17m726 26 x 57 17 x 56 03 x 10 24m31 27 x 58 15m07 19 x 53 22 x 02 03m42 17m723 27 x 29 17 x 56 03 x 09 24m43 28 x 27 15m26 20 x 12 22 x 36 03m56 17m718 28 x 00 17 x 55 03 x 08 24m54 28 x 57 15m45 20 x 31 23 x 10 04m09 17m714 28 x 32 17 x 55 03 x 08 25m6 29 x 26 16m03 20 x 49 23 x 45 04m22 17m709 29 x 03 17 x 55 03 x 08 25m6 29 x 56 16m22 21 x 08 24 x 21 04m35 17m704 29 x 34 17 x 54 03 x 09 25m31 00 x 26 16m40 21 x 27 24 x 58 04m47 16m758 00 x 06 17 x 54 03 x 09 25m44 00 x 56 16m58 21 x 45 25 x 35 05m00 16m752 00 x 37 17 x 54 03 x 11 25m58 01 x 26 17m33 22 x 22 26 x 52 05m23 16m740 01 x 39 17 x 54 03 x 11 25m58 02 x 55 17m50 22 x 40 27 x 31 05m35 16m733 02 x 10 17 x 54 03 x 11 26m24 03 x 25 17m50 22 x 40 27 x 31 05m35 16m733 02 x 10 17 x 54 03 x 11 26m24 03 x 25 18m07 22 x 59 28 x 11 05m46 16m726 02 x 42 17 x 54 03 x 19 26m54 03 x 25 18m07 22 x 59 28 x 11 05m46 16m726 02 x 42 17 x 54 03 x 19 26m54 03 x 25 18m24 23 x 17 28 x 52 05m57 16m718 03 x 13 17 x 54 03 x 19 26m54 03 x 25 18m41 23 x 35 29 x 32 06m08 16m710 03 x 44 17 x 54 03 x 25 27 m 28 03 x 55 18m41 23 x 35 29 x 32 06m08 16m710 03 x 44 17 x 54 03 x 25 27 m 28 03 x 55 18m41 23 x 35 29 x 32 06m08 16m710 03 x 44 17 x 54 03 x 25 27 m 28 03 x 55 18m41 23 x 35 29 x 32 06m08 16m710 03 x 44 17 x 54 03 x 25 27 m 28 03 x 55 18m41 23 x 35 29 x 32 06m08 16m710 03 x 44 17 x 54 03 x 25 27 m 28 03 x 55 18m41 23 x 35 29 x 32 06m08 16m710 03 x 44 17 x 54 03 x 25 27 m 28 04 x 25 18m41 23 x 35 29 x 32 06m08 16m710 03 x 44 17 x 54 03 x 25 27 m 28 04 x 25 18m41 23 x 35 29 x 32 06m08 16m710 03 x 44 17 x 54 03 x 25 27 m 28 04 x 25 18m41 23 x 35 29 x 32 06m08 16m710 03 x 44 17 x 54 03 x 25 27 m 28 04 x 25 18m41 23 x 35 29 x 32 06m08 16m710 03 x 44 17 x 54 03 x 25 27 m 28 04 x 25 18m24 23 x 17 1982, 00 x 00

04V314

04V345

05V316

05V347

06Vt18

06**1**348

07**13**19

07V349

08**1** 20

08が50

091321

09が51

101321

10\f31

111321

111351

121321

121351

131321

131351

141321

14*V*350

15が20

15V349

16 V 319

16**1**348

16MP02

15MP54

15MP45

15MP36

15MP27

15MP18

15MP08

14M758

14MP48

14MP37

1411/27

14MP16

14MP05

13MP53

1317742

131730

13MP18

13MP06

121754

1217/42

**12M**<sup>2</sup>**9** 

12MP17

12MP04

1117752

1117739

111726

17 **8** 55

17 **8** 55

17 **8** 56

17 **8** 56

17 **8** 57

17 X 57

17 **8** 58

17 g 59

17 g 59

18 g 00

18801

18802

18 8 03

18804

18 8 06

18807

18 8 08

18 8 10

18811

18 8 12

18 8 14

18 X 16

18 **8** 17

18 8 19

18821

18 8 23

03 11 28

03 11 32

03 II 37

03 X 41

03 II 46

03 11 52

03 II 57

04 II 03

04 II 09

04 II 16

04 11 23

04 II 30

04 II 37

04 II 45

04 II 53

05 II 01

05 II 10

05 II 19

05 II 28

05 II 37

05 II 47

05 II 57

06 II 08

06 II 18

06 II 29

06 II 40

27T38

27T54

28T09

28T25

28T42

28T58

29T14

29T31

29 148

00 g 06

00 g 24

00842

01800

01818

01836

01855

02814

02833

02852

03812

03831

03851

04811

04832

04 B 52

05813

12 12M<sub>50</sub> 23 🗷 48 18801 03 11 24 24 🗷 19 13 13M-10 17*≯*758 18 & 56 02M-17 17MP40 18800 03 11 21 14 13M30 18*≯*17 19825 02M31 17MP38 247/51 17 8 59 03 II 18 15 13M<sub>50</sub> 18×737 19 X 55 02№46 17MP36 25 🗷 23 17 **8** 58 03 II 15

29-237

29-254

00M11

00M<sub>27</sub>

00M44

01M00

18 & 28 02002 17MP42

011115 17 X 35 01M31 18801 

17 g 09

Eros

14822

14839

14858

15817

15 g 37

15 & 59

16821

16 g 45

16 7 40 17<sup>3</sup>700 17×719 17*≯*³39

12009 12M30

Juno

14703

14 7 23

14 🗷 42

15 7 02

15 7 22

15 🗷 42

16×701

16 7 21

Day

1 2

3

4

5

6

7

8

9

10

11

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

18M<sub>57</sub>

19M-13

19M<sub>29</sub>

19M45

20M<sub>00</sub>

20M-16

20M31

20M-45

21000

211114

21M42

21M55

22M08

22M21

22№34

22№46

22M58

23M-10

23№21

23M32

23M43

23M53

24№03

24M-13

24№23

23 7 53

24 🗷 11

24728

24 🗷 46

25 🗷 04

25 🗷 21

25 🗷 39

25 🗷 56

26 7 13

26×730

26×747

27*≯*704

27 7 21

27×738

27 7 54

28 🗷 11

28 🗷 27

28 7 43

28 🗷 59

29 🗷 15

29730

29×746

00**1**02

001 18

00 tf 33

001348

00 II 15

00 II 57

01 II 40

02 11 23

03 II 07

03 X 51

04 II 36

05 II 21

06 II 07

06 II 53

07 II 40

08 II 27

09 II 14

10 X 02

10 X 50

11 II 38

 $12 \times 27$ 

13 II 16

14 II 06

14 II 56

15 II 46

16 II 36

17 X 27

18 II 18

19 II 09

20 II 01

06M<sub>18</sub>

06M<sub>28</sub>

06M38

06₩48

06M57

07M06

07M15

07M31

07M39

07№46

07M53

00M80

08M<sub>06</sub>

08M12

08M23

08№28

08M33

08M37

08 641

08M44

08M48

08M50

08M53

08M55

Ceres

08M59

09№20

09№42

10M<sub>0</sub>3

10M<sub>25</sub>

10№46

11M<sub>07</sub>

11M<sub>28</sub>

11M49

27	24№32	01/303	20 11 53	08 <b>№</b> 56	1111713	17V317	18824	06 X 51	05834	17 € 48	27€07
28	24瓜41	01V318	21 🛚 45	08M-57	11M701 1982 00:0	17 <b>1/346</b>	18 & 26	07 II 03	05855	18 <b></b>	27 <b>∺</b> 33
Day	Carac	lung	Eroc C				w York, Ne				Froto
Day 1	Ceres 24M49	<b>Juno</b> 01/333	Eros S 22 II 37	Sappho 08M58	Psyche 10M748	18 <b>1</b> 3 15	18 8 28	07 II 15	<b>Amor</b> 06 & 16	Astarte 18 ± 48	Erato 28 ¥ 00
2	2411649 24M57	01/333	22 II 37 23 II 30	08M·58	1011/48	18 <b>1</b> 3 15	18831	07 II 15	06837	19 <del>X</del> 46	28 <del>X</del> 27
3	25M05	01V347 02V302	24 II 23	08M58	1011/33	191313	18 8 33	07 II 39	06859	19 <del>X</del> 17	28 <del>¥</del> 54
4	25№12	02/316	25 II 15	08M58	1011709	19 <b>1</b> 342	18 <del>8</del> 35	07 X 51	07821	20 € 16	29 € 20
5	25№20	02VI30	26 II 09	08M <sub>57</sub>	091757	201311	18 <del>8</del> 37	08 X 04	07843	20 € 46	29 <b> .</b> 47
6	25№26	02V344	27 X 02	08 <b>M</b> 56	091744	20139	18 <del>8</del> 39	08 II 17	08805	21 <b>光</b> 16	00 <b>T</b> 15
7	25M-33	02 <b>V</b> \$58	27 II 55	08M-54	091731	21 <b>1</b> 36	18842	08 II 30	08827	21¥45	00T42
8	25M-44	03Vt11	28 II 49	08M-49	09M719	21136 221404	18 8 44	08 II 44	08849	22¥15	01T09
9	25M44 25M50	03 <b>1</b> 125 03 <b>1</b> 138	29 II 42 00 S 36	08M49 08M46	09M706 08M754	221f04 221f33	18 & 46 18 & 49	08 II 57 09 II 11	09 8 12 09 8 34	22¥44 23¥14	01T36 02T03
10	25IIL50 25M-54	03/38	00836	08III.46 08III.46	08II/54 08II/42	22Vt33	18 8 49	09 II 11	09834	23 <del>X</del> 14 23 <del>X</del> 43	02°1°03 02°1°30
12	25Nb54	03V351	02324	08M39	08M/30	231301	18854	09 II 39	10820	24¥12	02 T 50
13	26№03	04/317	03%18	08M35	081718	23 <b>1</b> 357	18 <del>8</del> 57	09 🛚 54	10843	24 € 42	03℃25
14	26№07	04V329	04%12	08M30	0811706	24V325	18 8 59	10 II 08	11807	25 <b>光</b> 11	03℃52
15	26№10	04V342	05807	08M <sub>2</sub> 5	071754	241352	19802	10 II 23	11830	25 € 40	04Ƴ19
16	26M-13	04V354	06801	08M-20	07M743	251320	19805	10 X 38	11854	26¥10	04T46
17 18	26M-18	05/ぱ06 05/ぱ18	06855	08M-08	07M731	251347	19808	10 X 53	12818	26 ¥ 39	05 <b>1</b> 4
18 19	26M18 26M20	05 <b>ぱ1</b> 8 05 <b>ぱ2</b> 9	07%50 08%44	08M <sub>0</sub> 08	07MP20 07MP09	261315 261342	19 8 10 19 8 13	11 II 09 11 II 24	12841 13806	27¥08 27¥38	05T41 06T08
19 20	26/JE20 26/JE21	05/329 05/341	08839	08⊪01 07⊪54	0711709 061759	261342 271309	19 8 13 19 8 16	11 X 24 11 X 40	13 8 06 13 8 30	27 ¥38 28 ¥07	06T08 06T36
21	26M22	05V341	10334	07IIJ54 07MJ46	06M748	27 <b>13</b> 09	19819	11 X 40	13854	28来07 28来36	06°1°36
22	26M23	06V303	11328	07II040	0611748	28 <b>1</b> 903	19822	12 X 12	14819	29¥05	07 T 03
23	26№23	06 <b>V</b> 314	12%23	07M <sub>3</sub> 0	06M28	28 <b>1</b> 30	19 8 25	12 <b>I</b> I 29	14843	29ℋ34	07℃58
24	26№22	06V324	13%17	07M <sub>2</sub> 1	06M718	28 <b>1</b> 57	19 8 28	12 🛚 45	15808	00℃04	08 <b>T</b> 25
25	26№22	06 <b>V</b> 35	14%12	07ሙ12	061708	291723	19832	13 II 02	15833	00T33	08 <b>T</b> 53
26	26M21	06V345	15807	07M <sub>02</sub>	05M759	29 <b>1</b> 349	19 8 35	13 II 18	15858	01102	09 <b>↑</b> 20
27	26M-17	06V\$55	16801	06M-42	05M750	00≈16 00≈42	19838	13 II 35	16 8 23	01 131	09 <sup>48</sup>
<b>28</b> 29	26M·17 26M·15	071304 071314	16%56 17%51	06₩42 06₩31	05MP41 05MP33	00 <b>≈</b> 42 01 <b>≈</b> 08	19841 19845	13 II 52 14 II 10	16848 17814	02T00 02T29	10 <sup>15</sup>
30	26IIL15 26ML12	07 <i>V</i> \$14	17%51	06III.31 06M·20	05II/33 05II/25	01≈08 01≈34	19 8 45 19 8 48	14 II 10 14 II 27	17814 17839	02 <sup>11</sup> 29	10°1°43 11°110
31	26M <sub>0</sub> 09	07 v3 23	19340	06M <sub>0</sub> 09	05MP17	02≈00	19 8 51	14 II 45	18805	03℃27	11 T 10
				April 1	<b>982</b> , 00:0	00:00, Nev	w York, Ne	w York, L	ongitude	•	
Day	Ceres	Juno			Psyche		Chiron C	_		Astarte	Erato
1	26M-05	07V341	20834	05M-57	05M09	02 <b>≈</b> 26	19 8 55	15 II 02	18831	03T55	12°06
2	26M·01	07 <b>v</b> \$49	21\&29 22\&23	05M <sub>2</sub> 45	05MP02 04MP55	02≈51 03≈17	19 8 58 20 8 02	15 π 20 15 π 38	18857 19823	04T24 04T53	12 $\Upsilon$ 33
3	25M57 25M52	07が58 08が06	22%23	05₩33 05₩20	04M755 04M748	03≈17 03≈42	20 8 02 20 8 05	15 II 38 15 II 56	19 8 23 19 8 49	04 <sup>↑</sup> 53 05 <sup>↑</sup> 22	13 <sup>1</sup> 01
5	25M47	08V3U6	24%12	05Mb07	0411748	03≈42 04≈07	20809	16 II 15	20816	05 T 22 05 T 50	13°128 13°156
6	25M42	08 <b>1</b> 3	25%06	04M54	04M/36	04 <b>≈</b> 32	20812	16 X 13	20842	06 T 19	14 <sup>23</sup>
7	25№36	08 <b>V</b> \$28	26%00	04M <sub>4</sub> 40	0411730	04≈57	20 & 16	16 X 52	21809	06 <b>T</b> 48	14 <b>T</b> 51
8	25№29	08135	26%54	04№26	041725	05≈21	20 8 19	17 X 10	21835	07介16	15 <b>T</b> 19
9	25M23	08V342	27%48	04M-12	041720	05 <b>≈</b> 46	20 8 23	17 II 29	22802	07 <b>T</b> 45	15 <b>°</b> 46
10	25M·16	08V348	28842	03M·58	041715	06 <b>≈</b> 10	20 8 27	17 II 48	22829	08T13	16°T14
11	25M <sub>2</sub> 00	08 <b>V</b> \$55	29835	03M43	04M711	06≈34 06≈58	20 8 3 4	18 II 07	22856	08T42	16 <b>~</b> 41
12 13	25M00 24M52	091301 091306	00&29 01&22	03№29 03№14	04M706 04M703	06 <b>≈</b> 58 07 <b>≈</b> 22	20 8 34 20 8 38	18 II 26 18 II 45	23 8 23 23 8 51	09个10 09个39	17 <b>↑</b> 09
13	24IIU52 24MJ44	09V3U6	01&22 02&16	03II614 02M·59	0411703	07≈22 07≈46	20 8 42	18 IL 45 19 II 05	24818	10 <b>°</b> 1°39	17'1'37 18°04
15	24II644 24M35	09V312	02&16	02IIG39 02IIG39	0311759	07≈46 08≈09	20842	19 X 05	24846	10 T 07	18 T 32
16	24M26	09 <b>v</b> 317	03&09 04&02	02II043 02II043	0311750	08≈32	20849	19 X 24	25813	11 <sup>1</sup> 04	19 <sup>°</sup> 00
17	24№16	09 <b>V</b> \$26	04&55	02M <sub>-</sub> 13	031751	08≈55	20 8 53	20 II 04	25841	11 <b>T</b> 32	19℃27
18	24№06	09130	05&48	01M <sub>57</sub>	0311749	09≈18	20 8 57	20 🛚 23	26809	12 <b>T</b> 00	19 <b>T</b> 55
19	23№56	09 <b>V</b> 334	06ଯ41	01 <b>\</b> \\41	0311747	09≈41	21801	20 II 43	26 8 37	12 <b>T</b> 28	20℃22
20	23M46	09V338	07&33	01M-25	0311745	10≈04 10≈26	21805	21 X 03	27805	12 <b>T</b> 57	20°T50
21	23M35	09V341	08Ω25	01M·10	0311744	10≈26	21809	21 Π 24	27834	13 <sup>2</sup> 5	21 T 18
22	23M <sub>2</sub> 4	091344 091346	09&18 10&10	00M <sub>2</sub> 38	03M743	10≈48 11≈10	21 8 13	21 II 44 22 II 04	28 8 02 28 8 3 1	13 T 53	21 <b>T</b> 45 22 <b>T</b> 13
23 24	23M·13 23M·01	091346 091349	10ഹ10 11ഹ02	00₩38 00₩22	03MP43 03MP42	11≈10 11≈32	21 8 17 21 8 21	22 II 04 22 II 25	28 8 3 1 28 8 5 9	14 T 21 14 T 49	22 <sup>1</sup> 13
* <u>25</u>	2311601 22M50	09V349 09V351	11&02 11&52	00II622 00M:07	03II/42 03II/43	11≈32 11≈53	21 8 25	22 II 25 22 II 44	29826	14 T 49 15 T 15	23 <sup>1</sup> 707
26	22M38	09/351	118/52	29 <b>-</b> 50	0311743	11≈53 12≈14	21 8 29	22 II 44 23 II 05	29855	15 T 15 15 T 43	23°1°07 23°1°35
27	22M26	09V352	12 <sub>0</sub> /45 13 <sub>0</sub> /35	29 <b>-</b> 35	0311743	12≈14 12≈35	21833	23 II 26	00 II 25	16 T 43	24 T 02
		30,104	100,00	_5-00					JJ 11 Z J		1 1 02

28	22№14	09ฬ55	14Ձ26	29-219	0311745	12 <b>≈</b> 56	21837	23 II 47	00 II 54	16 <b>T</b> 39	24Ƴ30
29	22№01	09ฬ56	15 $\Omega$ 18	29-203	03 <b>m</b> 246	13 <b>≈</b> 17	21841	24 II 08	01 II 23	17 <b>°</b> 06	24介57
30	2111649	09ฬ56	16ഹ09	28 <b>-</b> 48	0311748	13≈37	21845	24 II 29	01 <b>I</b> 53	17 <b>Ƴ</b> 34	25Υ25
				May 1	<b>^^</b>	*DS	T starts	Vade La			
D	0	lua a					/ York, Ne				Cue te
Day	Ceres	Juno			Psyche	Vesta	Chiron (			Astarte	Erato
1	211136	09V\$56	17Ω00	28-233	0311750	13 <b>≈</b> 57	21849	24 II 50	02 II 22	18 <b>T</b> 02	25 <b>T</b> 52
2	211123	09V\$56	17Ω51	28-218	03M752	14 <b>≈</b> 18	21853	25 II 11	02II52	18 <b>T</b> 29	26 <b>T</b> 20
3	21M·10 20M·56	09 <i>V</i> \$55 09 <i>V</i> \$54	18Ω41	28 <b>△</b> 03 27 <b>△</b> 48	0311755	14≈37	21 8 57 22 8 01	25 II 32 25 II 54	03 II 21 03 II 51	18介57 19介24	26Ƴ47 27Ƴ15
5	201636 20M43	09V354	19 <i>&amp;</i> 32 20 <i>&amp;</i> 22	27 <b>-</b> 40	03M758 04M701	14≈57 15≈16	22806	26 II 15	04 II 21	19 T 24 19 T 51	27 T 13
6	201643 20M30	09V353	21 <sub>Ω</sub> 12	27 <b>-</b> 33	0411701	15≈35	22 8 10	26 X 36	04 II 51	20119	28 T 10
7	201630 201616	09V352	22&02	27 <b>=</b> 19	0411704	15≈54	22814	26 II 58	05II21	20119	28 T 10
8	2011010 2011003	09 <b>v</b> 330	22 <sub>0</sub> 252	26 <b>-</b> 50	0411700	16≈13	22 8 18	27 II 20	05 X 51	21 T 13	29 <sup>1</sup> 04
9	19M·49	09/347	23&42	26 <b>-</b> 36	04m/17	16≈31	22822	27 II 20	06II22	21 7 40	29 T 04 29 T 32
10	19MJ36	09/343	24Ω31	26 <b>-</b> 23	0411717	16 <b>≈</b> 49	22 8 26	28 II 03	06 11 52	22 <sup>1</sup> 707	29 7 52
11	19M22	091342	25 <sub>0</sub> 20	26 <b>-</b> 23	0411/21	10 <b>≈</b> 49	22 8 30	28 II 25	07 II 23	22 T 07	00 8 27
12	1911022	09 <b>v</b> 335	26 <sub>Q</sub> 09	25 <b>-</b> 57	0411720	17 <i>≈</i> 07 17 <i>≈</i> 24	22 8 35	28 11 47	07 II 23	23个01	00 8 54
13	18M·55	09/333	26 <sub>Ω</sub> 58	25 <b>-</b> 244	0411/37	17 <i>∞</i> 24 17 <i>∞</i> 42	22 8 39	29 11 09	07 II 34 08 II 25	23 T 01	01822
14	18M·42	09 <b>v</b> 331	27 Ω 47	25 <b>-</b> 32	0411737	17 <i>≈</i> 42 17 <i>≈</i> 59	22 8 43	29 X 31	08 II 55	23 T 26	01849
15	18M·29	09V327	28Ω36	25 <b>-</b> 20	0411742	18 <b>≈</b> 15	22847	29 II 53	09 11 27	24T22	02 g 16
16	18M·15	09V317	29&23	25 <b>-</b> 208	04M755	18 <b>≈</b> 32	22851	00916	09158	24 T 49	02844
17	18M·02	09V312	00MP12	24 <b>-</b> 57	0511701	18≈48	22 8 55	00238	10 11 29	25 T 15	03811
18	17M-49	09V306	0111700	24-246	0511708	19≈04	23 8 00	01800	11II01	25 1 10	03 8 38
19	17MJ36	091300	0111748	24-235	05MP15	19≈19	23 8 04	01523	11 <b>I</b> I32	26℃08	04805
20	17M-24	08 <b>V</b> \$54	0211736	24-25	05MP22	19≈34	23 8 08	01%45	12 <b>I</b> I04	26T35	04 8 33
21	17ጤ11	08 <b>V</b> \$47	031123	24-215	05MP30	19 <b>≈</b> 49	23 8 12	02808	12 <b>I</b> I36	27 <b>T</b> 01	05 8 00
22	16 <b>‰</b> 59	08 <b>V</b> 340	04MP11	24-205	05 <b>m</b> 38	20≈04	23 8 16	02\$30	13 <b>I</b> I08	27℃28	05 8 27
23	16M-46	081/33	041758	23-56	05MP46	20≈18	23 8 20	02553	13 <b>I</b> I40	27介54	05 8 54
24	16M-34	08 <b>V</b> 325	05MP45	23-47	05M254	20≈32	23 8 25	035316	14 II 12	28↑20	06 8 21
25	16M22	08 <b>V</b> \$17	06MP32	23-239	06 <b>17</b> 02	20≈46	23 8 29	03&38	14 II 44	28介46	06 <del>8</del> 48
26	16 <b>‰</b> 11	08 <b>1</b> 709	07 <b>m</b> 19	23-231	06MP11	20≈59	23 8 33	04%01	15 <b>Ⅱ</b> 17	29介12	07 წ 15
27	16M <sub>-</sub> 00	00t/80	08 <b>m</b> 05	23-24	06MP20	21≈12	23 8 37	04%24	15 <b>I</b> I 49	29Ƴ38	07 8 42
28	15№48	07ฬ51	08 <b>m</b> 52	23 <b>-</b> 217	06 <b>m</b> 29	21≈24	23 8 41	045647	16 <b>I</b> I22	00 g 04	08 8 09
29	15№38	07/342	09 <b>m</b> 38	23 <b>-</b> 210	06 <b>17</b> 39	21≈37	23 8 45	05&10	16 🛚 55	00 g 30	08 <del>8</del> 36
30	15M <sub>2</sub> 7	07が32	101724	23 <b>-</b> 204	06 <b>M</b> 48	21≈48	23 8 49	05\$33	17 <b>Ⅱ</b> 27	00 B 56	09803
31	15M·17	07V323	1111710	22-58	06M758	22≈00	23 8 53	05&56	18 X 00	01821	09 8 30
1	0						v York, Ne				
Day	Ceres	Juno		Sappho		Vesta	Chiron			Astarte	Erato
1	15107	07V312	1111756	22-53	0711708	22≈11	23 8 57	069319	18 II 34	01847	09857
2	14M-57	07V302	121742	22-48	07M718	22≈22	24 8 01 24 8 05	06%42	19 II 07	02812	10 8 23
3	14ጤ48 14ጤ39	06V\$52 06V\$41	13MP27 14MP12	22 <b>-</b> 43 22 <b>-</b> 39	07MP29 07MP39	22 <b>≈</b> 32 22 <b>≈</b> 42	24809	07\$06 07\$29	19 II 40 20 II 14	02 8 38 03 8 03	10 8 50 11 8 17
5	14II639 14M-30	06V341	1411/12	22 <b>-</b> 39	0711739 0711750	22×42 22×52	24 8 13	07 % 29	20 II 47	03 8 29	11844
6	14M21	06 <i>V</i> 318	1511743	22 <u>~</u> 32	08MP01	23 <b>≈</b> 01	24817	08816	21 II 21	03 8 54	12 8 10
7	14Mb21	06V3 10	1611/27	22 <u>~</u> 30	08M712	23≈10	24821	08839	21 11 55	04 8 19	12837
8	14M06	05 <b>1</b> 357	1711727	22 <del>-</del> 27	0811712	23≈18	24825	09802	22 11 29	04844	13 8 03
9	13M·58	05 <b>1</b> 333	1711712	22 <b>-</b> 25	08M25	23≈26	24829	09\$26	23 11 03	05809	13 8 30
10	13M-51	05 <b>1</b> 343	181741	22 <b>-</b> 24	0811747	23≈34	24833	09849	23 II 38	05 8 34	13 8 56
11	13M-45	05V318	191725	22-23	0811759	23≈41	24837	105613	24 II 12	05 8 59	14 8 23
12	13M-38	05V\$06	201709	22-22	09111	23≈47	24841	10536	24 II 47	06 g 23	14 8 49
13	13M-32	04V\$53	20M753	22-22	091124	23≈54	24 8 45	11800	25 <b>I</b> I21	06 B 48	15 8 15
14	13№27	041340	2111737	22 <b>-</b> 22	0911736	24≈00	24 8 48	11524	25 <b>I</b> I 56	07 <del>8</del> 12	15842
15	13№22	04V327	22 <b>17</b> 20	22 <b>-</b> 23	0911749	24≈05	24 8 52	115347	26 <b>I</b> I31	07 წ 37	16 <del>8</del> 08
16	13 <b>I</b> 17	04/314	2311704	22 <b>-</b> 24	1011702	24≈10	24 & 56	125311	27 <b>I</b> I06	08 & 01	16 8 34
17	13 <b>I</b> \u00a412	04V\$00	23 <b>M</b> 247	22 <b>≏</b> 25	1011/15	24≈14	25 8 00	12535	27 II 42	08 8 25	17 8 00
18	13№08	03 <b>V</b> \$47	24M/31	22 <b>-</b> 27	101728	24≈18	25 & 04	12359	28 II 17	08 8 50	17 <del>8</del> 26
19	13№04	031433	25MP14	22 <b>-</b> 29	101741	24≈22	25 8 07	13523	28 II 53	09 ႘ 14	17 <del>8</del> 53
20	13M <sub>0</sub> 1	03V120	25M757	22 <b>-</b> 32	101754	24≈25	25 8 11	135346	29 II 28	09 X 38	18 8 18
21	12№58	03 <b>1</b> 406	26 <b>17</b> 39	22 <b>-</b> 35	1111708	24 <b>≈</b> 28	25 <del>8</del> 15	14%10	00304	10 8 01	18 <del>8</del> 44
22	12№56	02 <b>1</b> 352	27 <b>17</b> 22	22 <b>-</b> 38	1111722	24≈30	25 <del>8</del> 18	14534	00\$40	10 B 25	19 8 10
23	12№53	02Vf38	28 <b>m</b> 05	22 <b>-</b> 42	1111736	24≈32	25 & 22	14358	01%16	10 8 49	19 8 36
24	12№52	02V324	28 <b>M</b> 247	22 <b>-</b> 246	1111750	24≈33	25 <del>8</del> 25	15%22	01%52	11 8 12	20 8 02

25	12№50	02/311	29 <b>17</b> 29	22 <b>≏</b> 51	1211704	24≈34	25 8 29	15%46	02329	11 8 36	20 8 28
26	12M-49	01/357	00 <b>≏</b> 12	22 <b>-</b> 56	1211718	24≈34	25 8 32	162610	03&05	11 <del>8</del> 59	20 8 53
27	12M-49	01 <b>1</b> 343	00 <b>-</b> 54	23 <b>-2</b> 01	1211733	24≈34	25 <del>8</del> 36	16&34	03%42	12 8 22	21 8 19
28	12№48	011ช29	01 <b>≏</b> 36	23 <b>-</b> 207	1211748	24≈33	25 B 39	16358	04%19	12 <del>8</del> 45	21844
29	12№48	01/ช 15	02 <b>-</b> 217	23 <b>-</b> 213	1311702	24≈32	25 8 43	17522	04%56	13 8 08	22 8 10
30	12 <b>I</b> 49	01V301	02 <b>-</b> 59	23-20	1311717	24≈30	25 8 46	175347	05833	13 8 31	22 8 35
D	0	lus a			982,00:0					A -44 -	
Day	Ceres	Juno		Sappho		Vesta	Chiron			Astarte	Erato
1 2	12ጤ50 12ጤ51	001348 001334	03 <b>-</b> 41 04 <b>-</b> 22	23 <b>-</b> 26 23 <b>-</b> 34	13MP32 13MP47	24 <b>≈</b> 28 24 <b>≈</b> 26	25 8 49 25 8 53	18 <b>%</b> 11	06%10 06%48	13 8 54 14 8 17	23 8 00 23 8 26
3	12M53	001334 001320	04=22 05 <b>-</b> 204	23-34	1411703	24≈23	25 8 56	183559	07%25	14 8 39	23 8 51
4	12M-55	00V320	05 <u>~</u> 45	23-49	1411/03	24 ≈ 19	25 8 59	19323	08303	15 8 02	24 8 16
5	12Mb57	29753	05 <b>-</b> 45 06 <b>-</b> 26	23 <b>-</b> 49	1411710	24≈15	26 8 02	19348	08941	15 8 24	24841
6	13M <sub>2</sub> 00	29740	00 <b>—</b> 20	24 <b>~</b> 06	1411749	24×10	26 8 05	209312	09%19	15 8 46	25 8 06
7	13M <sub>0</sub> 03	29×127	07 <b>-</b> 48	24 <b>-</b> 15	1511705	24≈05	26 8 09	20336	09\$57	16 8 08	25 8 31
8	13№06	29 🛪 14	08-29	24-24	1511/21	24≈00	26 8 12	21500	10235	16 g 30	25 8 56
9	13M·10	29701	09-209	24-233	15MP37	23≈54	26 g 15	21%25	11%14	16 8 52	26 8 20
10	13M-14	28🛪 49	09 <b>-</b> 50	24-243	1511753	23≈48	26 g 18	21%49	11253	17 8 14	26 <del>8 45</del>
11	13M-18	28≯37	10-230	24 <b>-</b> 53	1611709	23≈41	26 8 21	22513	12531	17 b 35	27 8 10
12	13№23	28≯724	11 <b>≏</b> 10	25 <b>-</b> 204	161726	23≈33	26 8 23	22538	139310	17 <del>8</del> 57	27 8 34
13	13№28	28🛪 12	11 <b>≏</b> 51	25 <b>≏</b> 15	1611742	23 <b>≈</b> 26	26 & 26	23502	13550	18 <del>8</del> 18	27 8 59
14	13№34	28≯700	12 <b>-</b> 31	25 <b>-</b> 26	16 <b>m</b> 59	23 <b>≈</b> 17	26 & 29	23526	14329	18 & 39	28 8 23
15	13 <b>I</b> \$39	27≯749	13 <b>≏</b> 11	25 <b>-</b> 37	1711715	23≈09	26 & 32	23551	152609	19 8 00	28 8 47
16	13№45	27≯737	13 <b>≏</b> 51	25 <b>-</b> 49	17MP32	23≈00	26 <del>8</del> 35	24%15	15%48	19 8 21	29 8 11
17	13№52	27≯726	14 <b>-</b> 31	26 <b>-</b> 201	17 <b>17</b> 49	22≈50	26 8 37	24%40	16\$28	19842	29 8 35
18	13№58	27≯715	15 <b>≏</b> 10	26 <b>≏</b> 13	1811706	22≈40	26 8 40	25304	17308	20 8 02	29 8 59
19	14M <sub>-</sub> 05	27≯705	15 <b>≏</b> 50	26 <b>-</b> 26	181723	22≈30	26 8 43	25\$28	17%48	20 8 23	00 II 23
20	14Ռ13	26≯755	16 <b>≏</b> 30	26 <b>-</b> 38	181740	22 <b>≈</b> 19	26 8 45	25&53	18329	20 8 43	00 II 47
21	14M <sub>2</sub> 0	26≯744	17 <b>≏</b> 09	26 <b>-</b> 51	181757	22≈08	26 8 48	269317	19309	21803	01 II 11
22	14M-28	26≯35	17 <b>≏</b> 48	27 <b>≏</b> 05	191715	21≈57	26 8 50	265342	19350	21 8 23	01 II 35
23	1410-45	26×725	18 <b>≏</b> 28	27 <b>≏</b> 19	191732	21≈45	26 8 52	27506	20%31	21 8 43	01 II 58
24	1410.54	26 🛪 16	19-207	27 <b>≏</b> 32	191750	21≈33	26 8 55	27931	219512	22 8 02	02 II 21
25	14M-54	26×707	19 <b>△</b> 46 20 <b>△</b> 25	27 <b>≏</b> 47	201707	21 ≈ 21	26 8 57	27955	21953	22 8 22	02 II 45
26 27	15№03 15№13	25≯59 25≯50	21 <del>-</del> 25	28 <b>-</b> 201	20MP25 20MP43	21≈08	26 8 59	28 <b>%</b> 20 28 <b>%</b> 44	22 <b>%</b> 35 23 <b>%</b> 16	22 8 41 23 8 00	03 II 08 03 II 31
28	15M22	25 🛪 43	21 <del>=</del> 04 21 <b>=</b> 43	28-31	2111700	20≈55 20≈42	27 8 02 27 8 04	29308	23958	23 8 19	03 II 54
29	15M32	25735	22 <b>-</b> 22	28 <b>-</b> 46	2111718	20*28	27806	29333	24%40	23 8 38	04 II 17
30	15M-42	25×733 25×728	23 <b>-</b> 22	29 <b>-</b> 201	2111736	20 <b>≈</b> 20	27808	293557	25%22	23 8 56	04 II 40
31	15/li-53				211754						05 II 02
•	1000				<b>1982</b> , 00						00202
Day	Ceres	Juno	Eros S	Sappho	Psyche	Vesta	Chiron (	Ophelia	Amor	Astarte	Erato
1	16№04	25🖈 14	24 <b>-</b> 218	29 <b>-</b> 32	22MP13	19 <b>≈</b> 47	27 8 12	00&47	265347	24 8 33	05 II 25
2	16 <b>№</b> 15	25≯708	24 <b>≏</b> 56	29 <b>-</b> 248	22 <b>117</b> 31	19 <b>≈</b> 32	27 8 14	01Ձ11	27530	24 8 51	05 II 47
3	16№26	25≯702	25 <b>-</b> 35	00M05	2211749	19 <b>≈</b> 18	27 & 16	01굁36	28%13	25 B 09	06 II 09
4	16 <b>‰</b> 37	24≯757	26 <b>-</b> 213	00M22	2311708	19≈03	27 8 17	02&00	28\$56	25 <del>8</del> 27	06 II 32
5	16№49	24≯752	26 <b>≏</b> 51	00M39	2311726	18 <b>≈</b> 49	27 8 19	02&24	29339	25 <b>8</b> 44	06 II 54
6	17M <sub>0</sub> 1	24≯747	27 <b>≏</b> 29	00M56	231744	18≈34	27 8 21	02&49	00გ23	26 8 01	07 II 16
7	17M-13	24×742	28 <b>≏</b> 08	01M13	2411703	18≈19	27 8 22	03Ω13	01Ω07	26 8 18	07 II 37
8	17M-26	24×738	28 <b>-</b> 46	011130	241722	18≈04	27 8 24	03 გ 38	01Ω50	26 8 35	07 II 59
9	17M-38	24 🛪 34	29 <b>≏</b> 23	01M48	241740	17≈50	27 8 25	04&02	02Ω35	26 8 52	08 II 20
10	17M-51	24731	00M-01	02M06	24M759	17 <b>≈</b> 35	27 8 27	04Ω27	03Ω19	27 8 08	08 II 42
11	18M-04	24 🛪 28	00M39	021124	25MP18	17 <b>≈</b> 20	27 8 28	04Ω51	04Ω03	27 8 25	09 II 03
12	18M·18	24 🛪 25	01M17	021142	25M237	17 <b>≈</b> 05	27 8 30	05Ω16	04Ω48	27 8 41	09 II 24
13	18M31	24×723	01M55	03M00	25M756	16×50	27831	05 Ω 40	05&33	27 8 56	09 II 45
14 15	18M-45 18M-59	24¾21 24¾19	02M32 03M10	03M·19	26MP15 26MP34	16 <b>≈</b> 35	27 8 32 27 8 33	06&05 06&29	06&18 07&04	28 8 12 28 8 27	10 II 06 10 II 27
16	19M·13	24 🗷 19	03ft 10	03Nb57	26M753	16≈21	27 8 34	06 <sub>0</sub> 29	07&49	28 8 42	10 II 27
17	19M28	24×10	04M25	04M·16	27MP12	15≈52	27 8 35	00%33	08ω35	28 8 57	11 X 07
18	19/lu/20	24×17	0411623 05Mc02	04IIU10	27M732	15≈38	27 8 36	07 <sub>Ω</sub> 10	00%33	29 8 11	11 X 28
19	19/042 19/057	24×17	05MJ40	04M55	27M751	15≈24	27837	08Ω07	10Ω07	29 8 26	11 X 48
20	20M·12	24×17	06№17	05M·15	2811710	15 ≈ 10	27 8 38	08&31	10Ω54	29 8 40	12 11 08
21	2010-12 2010-12	24×17	06M⋅54	05M35	281730	14 <b>≈</b> 56	27 8 39	08 გ 55	11Ω40	29 8 54	12 II 27
22	20M-43	24 🛪 18	07 <b>№</b> 32	05 <b>€</b> 55	281749	14≈43	27 8 40	09 20	12Ω27	00 I 08	12 II 47
23	20№58	24 🗷 19	081109	06 <b>№</b> 15	291708	14≈30	27 8 40	09 Ω 44	13Ω14	00 II 21	13 II 06
		10	2 2 00			00	10				

24	21№14	24才21	08№46	06M36	29 <b>17</b> 28	14≈17	27 8 41	10Ω08	14Ω01	00 II 34	13 <b>II</b> 25
25	21 <b>I</b> \$30	24≯723	09№23	06 <b>№</b> 56	29MP47	14≈05	27 8 42	10 $\Omega$ 32	14Ω49	00 II 47	13 <b>II</b> 44
26	21№46	24🛪 25	10M <sub>0</sub> 0	07 <b>ሙ</b> 17	00-207	13≈52	27 & 42	10ഹ57	15ᡚ36	01 X 00	14 II 03
27	22№02	24≯728	10ሙ37	07M38	00-27	13 <b>×</b> 40	27 & 42	11ᡚ21	16ഹ24	01 X 12	14 II 22
28	22№19	24≯731	11Љ14	07ጤ59	00 <b>-</b> 47	13 <b>≈</b> 29	27 8 43	11굁45	17 <i>ඩ</i> 12	01 X 24	14 X 40
29	22№36	24≯734	11№51	08M21	01 <b>≏</b> 07	13 <b>≈</b> 18	27 8 43	12ഹ09	18ഹ01	01 <b>I</b> I 36	14 II 58
30	22№52	24≯738	12M27	08M42	01 <b>-</b> 27	13 <b>≈</b> 07	27 8 43	12Ω33	18ഹ49	01 X 47	15 II 16
31	23№09	24×742	13M <sub>0</sub> 4	09M <sub>0</sub> 4	01 <b>≏</b> 46	12≈56	27 8 44	12Ω58	19ഹ38	01 🛚 58	15 II 34
_					er 1982, (						_
Day	Ceres	Juno			Psyche	Vesta	Chiron		Amor	Astarte	Erato
1	23M26	24×746	1310-41	09M26	02 <b>-</b> 06	12≈46	27 8 44	13Ω22	20Ω27	02 11 09	15 II 52
2	231144	24×751	14M 17	09/147	02-26	12≈37	27 8 44	13Ω46	21Ω16	02 II 20	16 II 09
3	24M-01	24 🛪 55	14M54	10110	02-46	12≈27	27 8 44	14Ω10	22Ω06	02 II 30 02 II 40	16 II 27
5	24M-19 24M-36	25 <sup>★</sup> 01 25 <sup>★</sup> 06	15M-31 16M-07	10\mu 32	03 <b>△</b> 06 03 <b>△</b> 26	12 <b>≈</b> 18 12 <b>≈</b> 10	27 8 44 27 8 43	14Ω34 14Ω58	22 <i>Q</i> 56 23 <i>Q</i> 45	02 11 40	16 II 44 17 II 00
6	24M54	25 🗷 12	16M-44	11M17	03=20	12≈02	27 8 43	15Ω22	24Ω36	02 1 49	17 II 00
7	25M·12	25 🗷 18	17M·20	11M39	03 <b>=</b> 40	11≈54	27 8 43	15&22	25Ω26	02 11 08	17 X 17
8	25M30	25 🛪 25	1711620 1711656	1211039	04 <u>2</u> 00	11≈34	27 8 43	16Ω10	26Ω16	03 II 16	17 II 49
9	25M-49	25×32	18M33	1211602	04 <u>~</u> 27	11≈40	27 8 42	16Ω33	27 <sub>Ω</sub> 07	03 II 24	17 X 49 18 X 05
10	26M <sub>0</sub> 7	25×32	19M <sub>0</sub> 09	1211623	05 <b>-</b> 07	11≈34	27 8 42	16Ω57	27Ω58	03 11 32	18 X 21
11	26M-26	25×746	19M-45	131111	05 <b>-</b> 27	11≈28	27841	17Ω21	28Ω50	03 11 40	18 II 36
12	26M-44	25 × 54	20M22	131135	05 <b>-</b> 27	11≈23	27841	17 Ω 45	29Ω41	03 II 47	18 II 52
13	27№03	26702	20№58	13M-58	06-208	11≈18	27 8 40	18ൂ09	00MP33	03 II 54	19 II 07
14	27№22	26 🛪 10	21M34	14M-22	06 <b>≏</b> 28	11≈14	27 8 39	18 $\Omega$ 32	011125	04 II 01	19 II 21
15	27№41	26≯718	22№10	14ጤ45	06 <b>-</b> 48	11≈10	27 8 39	18 $_{\Omega}$ 56	02117	04 II 07	19 <b>I</b> I 36
16	28№00	26≭727	22№46	15M <sub>0</sub> 9	07 <b>△</b> 09	11≈06	27 8 38	19 ე 20	0311709	04 II 13	19 🛚 50
17	28№20	26≭36	23№22	15M-33	07 <b>-</b> 29	11≈03	27 X 37	19ഹ43	0411702	04 II 18	20 II 04
18	28№39	26≯746	23№58	15 <b>‰</b> 57	07 <b>≏</b> 50	11≈01	27 <del>8</del> 36	20 Д 07	0411755	04 🛚 23	20 II 17
19	28№58	26≯755	24№34	16M <sub>22</sub>	08 <b>-</b> 10	10≈59	27 8 35	20ഹ30	05MP48	04 II 28	20 II 31
20	29№18	27≯705	25№10	16 <b>I</b> 46	08 <b>△</b> 31	10≈57	27 8 34	20∂54	06 <b>M</b> 741	04 II 32	20 II 44
21	29№37	27 <i>≯</i> 15	25№46	17ጤ11	08 <b>≏</b> 51	10≈56	27 8 33	21 ე 17	07 <b>17</b> 35	04 🛚 36	20 II 57
22	29№57	27≯726	26M22	17 <b>M</b> 35	09 <b>-</b> 12	10≈55	27 8 32	21&40	081128	04 II 40	21 II 09
23	00≯18	27≯36	26M58	18M <sub>00</sub>	09-32	10≈55	27831	22 ᡚ 04	091722	04 11 43	21 11 21
24	00≯38	27 🛪 47	27M34	181025	09 <b>≏</b> 53	10≈55	27 8 29	22&27	101116	04 11 45	21 🛚 33
25	00 🛪 58	27 🛪 59	28110	181150	10-213	10 <b>≈</b> 56	27 8 28	22&50	1111111	04 11 48	21 11 45
26	01×719	28 🛪 10	28M-46	19115	10-34	10≈57	27 8 26	23 Ω 13	121705	04 II 50	21 II 56
27 28	01≯739 01≯759	28≯722 28≯734	29M21	19M40 20M05	10-54	10≈59 11≈01	27 8 25 27 8 23	23 Ω 36	1311700	04 II 51 04 II 52	22 II 07 22 II 18
29	01×39 02×720	28 🗷 46	29№57 00≯33	20M31	11 <b>△</b> 15 11 <b>△</b> 36	11≈01	27 8 22	23&59 24&22	13M755 14M750	04 II 52	22 II 18
30	02×20	28 🛪 58	00 <i>≯</i> 33	20M56	11 <del>2</del> 56	11≈04	27 8 20	24 Ω 45	15MP46	04 II 53	22 II 38
30	02/41	20/ 30	01709		1982,00						ZZ II 30
Day	Ceres	Juno	Eros	Sappho		Vesta	Chiron			Astarte	Erato
1	03702	29 <b>水</b> 10	01744	21M22	12 <b>≏</b> 17	11 <b>≈</b> 10	27 g 19	25 <sub>Ω</sub> 08	16MP41	04 II 53	22 II 48
2	03723	29 🛪 23	02×720	2111048	12 <b>-</b> 17	11≈14	27 8 17	25Ω31	17MP37	04 II 52	22 II 57
3	03×44	29 🛪 36	02756	22M-14	12-58	11≈18	27 8 15	25 Ω 54	181733	04 II 51	23 II 06
4	04≯05	29750	03731	22№40	13 <b>△</b> 19	11≈23	27 X 13	26 ව 16	191729	04 II 50	23 II 15
5	04≯726	00V304	04≯707	23№06	13 <b>-</b> 39	11≈28	27 8 11	26 ე 39	20M26	04 II 48	23 II 23
6	04≯747	00V317	04≯743	23№32	14-200	11≈34	27 8 09	27	2111722	04 II 46	23 <b>I</b> 31
7	05≯708	00V331	05≯18	23№58	14 <b>-</b> 21	11≈40	27 8 07	27 ე 24	22 <b>117</b> 19	04 II 43	23 <b>I</b> 39
8	05≯730	00ฬ45	05≯754	24M25	14 <b>≏</b> 41	11≈46	27 8 05	27 ᡚ 46	23 <b>117</b> 16	04 II 40	23 <b>I</b> 46
9	05≯751	01 <b>1</b> 300	06≯729	24 <b>I</b> \u00c451	15 <b>-</b> 202	11≈53	27 8 03	28ഹ09	24MP14	04 II 36	23 <b>I</b> 53
10	06≯13	01V314	07≯05	25№18	15 <b>≏</b> 23	12≈00	27801	28ഹ31	25MP11	04 II 32	24 II 00
11	06≯35	01V329	07 <b>≯</b> 40	25№44	15 <b>-</b> 43	12≈08	26 8 59	28£53	26M709	04 11 28	24 11 06
12	06≯56	01/344	08×16	26M-11	16 <b>≏</b> 04	12≈16	26 8 57	29 Ω 15	27MP06	04 11 23	24 11 12
13	07×718	011/359	08 751	26M38	16 <b>≏</b> 25	12 <b>≈</b> 24	26 8 54	29&37	281704	04 II 18	24 II 17
14	07×₹40	02V314	09×727	27M05	16 <b>-</b> 45	12≈33	26 8 52	29Ω58	291702	04 II 12	24 II 23
15	08×702	02V330	10×702	27M32	17 <b>≏</b> 06	12≈42	26 8 50	00MP21	00-201	04 II 06	24 II 27
16	08×724	02V346	10 🛪 37	27M59	17 <b>≏</b> 27	12 <b>≈</b> 52	26 8 47	00MP43	00-59	03 II 59	24 II 32
17	08×746	03Vf02	11 7 13	28M27	17-47	13≈02 13≈12	26 8 45	0111704	01-58	03 II 52	24 II 35
18	09×708	031318	11 🛪 48	28M54	18 <b>-</b> 208	13×12	26 8 42	0111126	02-57	03 II 45	24 II 39
19 20	09≯731 09≯753	03134 031351	12 水 24 12 水 59	29/w21 29/w49	18 <b>≏</b> 29 18 <b>≏</b> 49	13 <b>≈</b> 23 13 <b>≈</b> 34	26 8 40	01M747 02M709	03 <b>≏</b> 56 04 <b>≏</b> 55	03 II 37 03 II 29	24 II 42 24 II 45
21	107/15	03/351	13734	2911049 00×717	19-2-10	13≈34	26 8 37 26 8 34	0211709	05-54	03 II 29 03 II 20	24 II 45 24 II 47
22	10713	04/30/	14 🗷 10	00×17	19=10	13≈45	26 8 32	0211750	06 <del>-</del> 53	03 II 20	24 II 47 24 II 49
	10 \( \sigma 00 \)	041124	14/10	00 A 44	19=31	13~3/	20032	UZIIF O I	00=33	ODTII	Z4 II 49

23	11≯700	04V341	14≯745	01≯12	19 <b>≏</b> 51	14≈09	26 8 29	03 <b>M</b> 212	07 <b>≏</b> 53	03 X 02	24 II 50
24	11723	04V\$58	15⊀20	01才40	20-12	14≈21	26 8 26	0311733	08 <b>-</b> 52	02 II 52	24 II 51
25	11 <i>≯</i> 746	05ฬ 15	15≯756	02才08	20 <b>-</b> 32	14≈33	26 8 24	0311754	09 <b>-</b> 52	02 II 42	24 II 52
26	12≯708	05 <b>1</b> 33	16≯731	02≯736	20 <b>-</b> 53	14≈46	26 8 21	04MP15	10 <b>≏</b> 52	02 X 31	24 II 52
27	12 <b>才</b> 31	05ฬ51	17≯706	03≯704	21 <b>-</b> 214	15≈00	26 B 18	04MP36	11 <b>-</b> 52	02 <b>I</b> 21	24 II 52
28	12≯754	80t/190	17≯741	03≯733	21 <b>-</b> 34	15≈13	26 B 15	04MP56	12 <b>≏</b> 52	02 <b>I</b> 09	24 II 51
29	13 🗷 17	06 <b>1</b> 26	18🖈 17	04701	21 <b>≏</b> 55	15≈27	26 8 12	05MP17	13 <b>≏</b> 53	01 II 58	24 🛚 50
30	13×740	06V345	18 7 52	04×29	22-15	15≈41	26 8 09	05MP37	14 <b>≏</b> 53	01 II 46	24 11 49
*31	14≯704	07V304	19729	04≯759	22 <b>~</b> 36	15≈56	26 8 06	05M758	15 <b>≏</b> 56	01 II 33	24 II 47
				lovembe	r 1082 (		<i>T ends</i> New York,	New York	Longitu	ıda	
Day	Ceres	Juno			Psyche	Vesta	Chiron (			Astarte	Erato
1	14×727	07V322	20704	05 <b>₹</b> 28	22 <b>≏</b> 57	16 <b>≈</b> 11	26 8 03	06MP18	16-256	01 II 21	24 II 45
2	14 🛪 50	07V341	20739	05×756	23-217	16≈26	26 8 00	0611738	17 <b>≏</b> 57	01 11 08	24 11 42
3	15 🛪 13	07 <b>1</b> 359	21 🛪 14	06×25	23-38	16≈41	25 8 57	06M758	18 <b>≏</b> 58	00 II 55	24 II 39
4	15≯36	08 <b>V</b> \$18	21749	06≯54	23 <b>-</b> 58	16≈57	25 8 54	07 <b>m</b> 18	19-259	00 II 42	24 II 35
5	15 🛪 59	08 <b>1</b> 37	22725	07×23	24 <b>-</b> 19	17≈13	25851	07 <b>m</b> 38	20-259	00 II 29	24 II 31
6	16≯723	08 <b>1</b> 56	23700	07≯752	24 <b>-</b> 39	17≈29	25 8 48	07 <b>m</b> 257	22-200	00 II 15	24 II 27
7	16≯746	091316	23≯35	08721	24 <b>-</b> 59	17≈45	25 8 45	08MP17	23-201	00 II 01	24 II 22
8	17⊀709	09ฬ35	24≯710	08≯750	25 <b>≏</b> 19	18≈02	25 8 42	08 <b>11</b> 736	24 <b>-</b> 203	29 & 46	24 II 17
9	17≭33	09 <b>1</b> 55	24≯745	09才19	25 <b>-</b> 40	18 <b>≈</b> 18	25 8 39	08 <b>m</b> 255	25 <b>-</b> 204	29 8 32	24 II 12
10	17≯756	10 <i>V</i> \$14	25≯720	09≯748	26 <b>≏</b> 00	18≈35	25 X 36	09MP14	26 <b>-</b> 205	29 ႘ 18	24 II 06
11	18≯720	10134	25≯756	10 <i>≯</i> 18	26 <b>-</b> 20	18 <b>≈</b> 53	25 8 33	09 <b>m</b> 33	27 <b>≏</b> 06	29 8 03	23 II 59
12	18≭743	10 <i>V</i> 354	26≯731	10⊀747	26 <b>-</b> 40	19 <b>≈</b> 10	25 8 29	09 <b>m</b> /51	28 <b>≏</b> 07	28 & 49	23 <b>I</b> 53
13	19⊀707	111/314	27≯706	11 <i>≯</i> 17	27 <b>-</b> 200	19≈28	25 g 26	10MP10	29 <b>-</b> 208	28 8 34	23 II 46
14	19731	111/34	27 🗷 41	11 ₹ 46	27 <b>≏</b> 20	19≈46	25 8 23	101728	00M·10	28 8 19	23 II 38
15	19≯754	111355	28≯716	12 <i>≯</i> 16	27 <b>-</b> 41	20≈04	25 8 20	101747	01ሙ11	28 8 04	23 II 30
16	20 🗷 18	121315	28≯751	12×746	28-201	20≈23	25 8 17	1111705	02M·13	27 8 49	23 11 22
17	20 🛪 42	12/36	29726	13 🛪 16	28-21	20≈41	25 8 13	111723	03114	27 8 34	23 II 14
18	21×705	12V\$56	00\dd2	13×745	28-240	21≈00	25 8 10	1111740	04M·15	27 8 19	23 II 05
19	217/29	131317	00V337	14 🛪 15	29-200	21≈19	25807	1117758	05M-16	27 8 04	22 II 56
20	21×753 22×717	13138	011/f12	14 🗷 45	29-20	21 <b>≈</b> 39	25 8 04	12MP15 12MP32	06M18	26 8 48	22 II 46
<b>21</b> 22	22741	131359 141320	011347 021322	15 <b>₹</b> 16 15 <b>₹</b> 46	29 <u>~</u> 39	21 <b>≈</b> 58 22 <b>≈</b> 18	25 8 01 24 8 58	1211/32	07№19 08№20	26 8 33 26 8 18	22 II 36 22 II 26
23	23705	147320	02V\$58	16 🗷 16	00M·19	22≈37	24 8 54	1311749	09M21	26 8 03	22 II 26 22 II 16
24	23729	15/303	03/333	16×16	00M39	22 <b>≈</b> 58	24851	1311/08	101621	25 8 49	22 II 16
25	23753	15/303	04V308	17 🛪 17	00M59	23 ≈ 18	24 8 48	1311723	1111124	25 8 34	21 II 54
26	24 🛪 17	15 <b>1</b> 324	04V343	17 🛪 47	01M18	23≈38	24845	131756	12M·25	25 8 19	21 11 43
27	24×741	16 <b>13</b> 48	05 <b>1</b> 348	18 🛪 17	01MJ38	23 <b>≈</b> 59	24842	1411712	1311026	25 8 05	21 🛚 32
28	25×05	16V329	05 <b>1</b> 3 13	18×48	01M57	24 <b>≈</b> 19	24839	141728	14M <sub>2</sub> 7	24 8 50	21 II 21
29	25 🛪 29	16 <b>1</b> 351	06Vf28	19 🗷 19	02№16	24≈40	24 8 36	141744	15M <sub>2</sub> 7	24 8 36	21 🛚 09
30	25≯753	17 <b>v</b> \$13	07 <b>1</b> 304	19 <b>×</b> 749	02№36	25≈01	24 8 32	1411759	16M <sub>2</sub> 8	24 8 22	20 II 57
							New York,				
Day	Ceres	Juno		Sappho	_	Vesta	Chiron (			Astarte	Erato
1	26≯717	17 <b>1</b> 35	07ฬ39	20≯720	02№55	25 <b>≈</b> 23	24829	151714	17M <sub>29</sub>	24 8 08	20 II 45
2	26🗷41	17 <b>1</b> 58	081314	20 🛪 51	03№14	25≈44	24 8 26	151729	18M <sub>2</sub> 9	23 8 55	20 II 33
3	27 <i>≯</i> 705	181320	08 <b>V</b> 349	21722	03M33	26≈06	24823	151744	191130	23 8 42	20 11 20
4	27 🛪 29	18/342	09/324	21 🛪 53	03№52	26≈27	24820	151759	201130	23 8 29	20 11 08
5	27 🛪 53	19/305	091759	22 🛪 24	04M-11	26≈49	24817	161713	21/031	23 8 16	19 II 55
6	28 🛪 18	19/327	10/334	22 🛪 55	04M-30	27≈11	24814	161728	22/10/31	23 8 03	19 II 43
7	28 🛪 42	191350	11/310	23 7 26	04M49	27 <b>≈</b> 33	24811	16M742	23/10/31	22 8 51	19 II 30
8	29×706	2013 13	111345	23 🛪 57	05M08	27 <b>≈</b> 56	24808	16M755	24M31	22 8 39	19 II 17
9	29 🛪 30	20136	121320	24 🛪 28	05M27	28 <b>≈</b> 18	24806	17M709	25M31	22 8 27	19 II 04
10	29 🗷 54	20158	121355	24×759	05M45	28≈41	24803	17MP22	26M30	22 8 16	18 X 52
11 12	001/19 001/143	211321 211345	13V330	25 🛪 31	06M-04	29≈03	24800	17M735	27M30	22 8 05	18 II 39
13	01/307	22V\$08	14V306 14V341	26×702 26×734	06 <b>‰</b> 22 06 <b>‰</b> 41	29 <b>≈</b> 26 29 <b>≈</b> 49	23 8 57 23 8 54	17M748 18M700	28M29 29M28	21 8 55 21 8 44	18 II 26 18 II 13
14	01V307	22V\$31	15/316	27 🛪 05	06M59	29×49 00 × 12	23 8 52	1811700	003727	21 8 34	18 X 01
15	01V352	22V\$54	15/3/16	27 🛪 37	07M·17	00 <del>X</del> 12	23 8 49	1811/25	002727	21825	17 X 48
16	02/320	23V318	16 <b>v</b> 326	28 🛪 08	07M35	00 <del>×</del> 59	23 8 46	1811723	01×25	21 8 16	17 X 46
17	02 <b>v</b> 320	23/3/41	17/3°02	28 🛪 40	07fl655	003C33	23 8 44	181748	02723	21807	17 X 33
18	03 <b>v</b> 309	24V305	17/302	29 🛪 11	08MJ2	01 <del>X</del> 46	23841	181759	04722	20 8 58	17 II 23
19	03/333	241308	18 <b>1</b> 37	29×43	08M29	02¥10	23 8 39	191710	05×20	20 8 50	16 II 58
. •	23.000		.5.012	_57.10	3311320	027010	_5000		557.20	_5 0 00	. 5 = 50

20	03 <b>1</b> 58	241352	18 <b>1</b> 347	001ช 15	08№47	02 <b></b>	23 8 36	191721	06≯18	20 8 43	16 X 46
21	04/322	25 <b>1</b> 316	191323	001347	09№05	02 <b>光</b> 57	23 8 34	19 <b>1</b> 731	07才16	20 <del>8</del> 36	16 X 35
22	04/346	25 <b>1</b> 340	19 <b>1</b> 58	011ช19	09№23	03 € 21	23 8 31	19 <b>M</b> 741	08才14	20 8 29	16 <b>I</b> 23
23	05ฬ11	26 <b>1</b> 304	20 <b>1</b> 33	01ฬ51	09№40	03 € 46	23 8 29	19 <b>m</b> /51	09才11	20 8 23	16 II 12
24	05ฬ35	26 <b>1</b> 28	211ช08	02Vt23	09№57	04 € 10	23 8 26	20M/00	10才08	20 8 17	16 X 00
25	05ฬ59	26 <b>1</b> 352	211344	02ฬ55	10№15	04 € 34	23 8 24	20 <b>m</b> 09	11⊀05	20 8 11	15 <b>I</b> 49
26	06 <b>1</b> 23	27 <b>1</b> 316	22 <b>1</b> 319	03Vt28	10№32	04 € 59	23 8 22	20M 18	12 <b>₹</b> 02	20 8 06	15 <b>I</b> 39
27	06/348	27 <b>1</b> 340	22 <b>1</b> 354	04/300	10№49	05 <b>X</b> 23	23 8 20	20M27	<b>12</b> ≯ <b>7</b> 59	20 8 01	15 <b>Ⅱ</b> 28
28	07/ช12	28 <b>1</b> 304	23 <b>1</b> 30	04ฬ32	11ሙ06	05 <b>X</b> 48	23 8 18	20M/35	13≯755	19 <del>8 5</del> 7	15 II 18
29	07ฬ36	28 <b>1</b> 29	24 <b>1</b> 305	051304	11ሙ23	06 € 13	23 8 16	20MP43	14≯751	19 <del>8 5</del> 3	15 <b>I</b> I 08
30	08 <b>1</b> 301	28 <b>1</b> 53	24 <b>1</b> 340	05ฬ37	11№40	06₩37	23 8 14	20M/50	15≭747	19 <del>8</del> 50	14 🛚 58
31	08125	29 <b>1</b> 317	25 <b>1</b> 315	06 <b>1</b> 709	11№56	07 € 02	23 8 12	20 <b>m</b> 58	16≯743	19 8 47	14 X 49

# 26**ぴ26** (27**ぴ**01 (

**Eros** 

25Vf51

27V337

28 V 12

281348

29V323

291358

00≈34

01 209

01≈45

02 20

02\$56

03 231

04\0000007

04 2

05≈18

05≈53

06≈29

07≈05

07≈40

08≈16

08 \$ 51

09 27

10\\$03

10≈38

11 14

**11**≈50

12 25

13 201

13≈37

**Eros** 

14 \$ 13

14 348

15 24

16**≈**00

16**≈**36

17≈12

17 ≈ 48

18 24

19 200

19#36

20≈12

20≈48

21 24

22 200

22 36

23 \$ 12

23 248

24 24

25≈00

25≈36

26≈13

26 \$\pi 49

27 25

28\\000201

28≈38

29 ≈ 14

Ceres

08V349

09V314

09138

101302

10\footnote{26}

101351

111315

111339

12Vt03

12V327

12V351

13V316

131340

141304

141328

141352

15V 16

15V340

16V304

16V328

16Vf52

17V316

17V340

18Vt03

18**1**27

181351

191315

19139

20ぱ02

20V326

20V349

Ceres

211313

211337

22V300

22V323

22V347

231310

231334

23V\$57

241320

241343

25Vt06

25V329

25V352

26V 15

26Vf38

27V301

27V324

271347

28ぱ09

28132

28**1**755

29V317

29139

00≈02

00\24

00×47

Day

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

27

28

29

30

31

1

2

3 4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

Day

Juno

29V342

00\\$07

00#31

00

56

01≈21

01 246

02×10

02\\$35

03 00

03

25

03 251

04

16

04#41

05\000

05≈31

05

57

06\22

06≈48

07 \$ 13

07≈39

08 204

08\30

08

55

09#21

09

47

10×13

10≈38

11\ipprox04

11 230

11≈56

12\\22

Juno

12 348

13 \$ 14

13 \$\infty 40

14 \$\infty 06

14 32

14 \$ 58

15≈25

15≈51

16≈17

16≈43

17≈10

17≈36

18≈02

18 29

18≈55

19 22

19≈48

20 \$ 15

20 241

21 208

21\impsi34

22\0000001

22\27

22\$54

23 20

23×47

# 061341 071314 071346

08 V 319

08Vt52

09V324

09V357

10130

111303

11136

12V308

121341

131314

131347

141320

141354

15V327

16V300

16133

17V306

171340

181313

18V346

191320

19V\$53

20V327

211300

211334

22Vt07

22V341

23 V3 14

231348

241322

24V\$56

25/1329

26Vf03

26V337

27 V3 11

27V345

28 V 319

28V\$53

29V326

00 201

00≈35

01 209

01 243

02 \$ 17

02 \$ 51

03 25

03 \$ 59

04 \$34

05 ≈ 08

05

42

06≈16

06≈51

07 \$25

07≈59

Sappho

Sappho

13002

13M-18

13M-34

13M-49

14005

14 % 36

14 % 51

15M<sub>0</sub>6

15MJ36

15M51

16005

16M<sub>2</sub>0

16M-34

16 6 48

17002

17M·15

17 642

17M55

18008

18 621

18 634

18M-46

18M58

19M·10

19M22

Psyche

19 6 3 4

19M45

19M57

20M08

20M40

20M50

21M00

2111010

21M19

21M37

211146

21M55

22M03

22 配 19

22№26

22№34

22M41

22M48

22M54

23M00

23№06

23M-12

**Psyche** 

Vesta

09X08

09X33

09X59

10 € 24

10 × 50

11 X 16

11 **€** 42

12<del>X</del>07

12**X**33

12**X**59

13¥25

13 X 51

14X18

14€44

15 × 10

15**X**36

16**X**03

16¥29

16**X**56

17¥22

17**X**49

18 X 15

18 € 42

19**X**09

19**X**36

20X02

20 € 29

Vesta

20X56

21¥23

21 X 50

22¥17

22¥44

23X11

23 X 38

24¥05

24 X 33

25X00

 $25 \pm 27$ 

25\£54

26 € 22

26X49

27¥16

27¥44

28X11

28\£39

29X06

29 X 33

00T01

00T29

00T56

01T24

01T51

02T19

Asteroids Ephemeris
January 1983, 00:00:00, New York, New York, Longitude

Chiron Ophelia

21MP04

21MP11

21MP17

21MP23

21MP29

21MP34

21MP39

21MP43

21MP47

21MP51

21MP54

21MP57

22MP00

22MP02

22MP04

22MP06

22MP07

22MP08

22MP08

22MP08

22MP07

22MP07

22MP05

22MP04

22MP02

22MP00

21MP57

21MP54

21MP50

21MP46

21MP42

21MP38

21MP33

211727

211721

21MP15

21MP09

2111702

20MP55

20MP48

20MP40

20MP32

20MP23

20MP15

20MP05

19MP56

19MP47

19MP37

19MP27

19MP 16

19MP06

18MP55

18MP44

18MP33

18MP21

18MP10

17MP58

23 8 10

23 8 08

23 8 06

23 8 04

23 8 03

23 8 0 1

22 g 59

22 8 58

22 **8** 56

22 g 55

22 8 54

22 g 52

22851

22 8 50

22849

22 8 48

22847

22 **8** 46

22 **8** 45

22844

22843

22843

22842

22842

22841

22841

22841

22 g 40

22840

22840

22 g 40

22 8 40

22 8 40

22 8 40

22 8 40

22841

22 8 41

22 8 4 1

22842

22 8 42

22 8 43

22844

22844

22 **8** 45

22 8 46

22 **8** 47

22 8 48

22849

22 g 50

22 & 51

22852

22 g 54

22 g 55

22 <sub>8 57</sub>

22 & 58

23 8 00

23 8 0 1

Chiron Ophelia

February 1983, 00:00:00, New York, New York, Longitude

Amor

17×738

18 7 33

19 7 28

20 7 23

21718

22 🗷 12

23×706

24≯700

24 7 54

25🗗 47

26740

27×733

28 🗷 25

29 7 17

001 10

011302

01が53

02V344

03Vt35

04V326

05ぱ17

06Vf07

06が57

07V347

08**1**36

09ぱ25

10V314

111303

111351

12139

131327

Amor

141315

151302

151349

16V336

17V323

18V309

181355

191341

20V326

211312

211357

221341

23Vt26

24V310

241354

25V338

26**以**21

27Vt04

27V347

28130

29V312

291354

00#36

01×18

01 \$ 59

02×41

Astarte

19844

19842

19840

19839

19838

19838

19 X 37

19838

19839

19840

19841

19843

19845

19848

19 <del>8 5</del>1

19 8 55

19 8 59

20803

20807

20 B 12

20 8 18

20823

20829

20836

20842

20849

20 S 57

21804

21812

21821

21829

Astarte

21838

21848

21857

22807

22 **8** 17

22 8 27

22 8 38

22 g 49

23800

23 8 12

23 8 24

23 8 36

23 8 48

24800

24813

24826

24839

24853

25 8 06

25 8 20

25834

25849

26 8 03

26 g 18

26 g 33

26 g 48

Erato

14 II 40

14 X 31

14 II 23

14 II 15

14 II 07

14 II 00

13 X 53

13 II 46

13 II 40

13 II 34

13 II 29

13 II 23

13 II 19

13 II 14

13 II 10 13 II 07

13 II 04

13 X 01

12 II 59

12 X 57

12 X 55

12 II 54

12 II 53

12 II 53

12 II 53

12 X 54

12 X 55

12 X 56

12 X 58

13 II 00

13 X 02

Erato

13 X 05

13 X 08

13 II 12

13 II 15

13 II 20

13 II 24

13 II 29

13 II 35 13 II 41

13 X 47

13 X 53

14 X 00

14 II 07

14 II 14

14 II 22

14 II 30

14 II 39

14 X 47

14 II 56

15 II 06

15 X 15

15 X 25

15 X 36

15 X 46

15 X 57

16 II 08

27	01≈09	24≈14	29≈50	08≈34	23№17	02 <b>T</b> 46	23 8 03	17MP46	03≈22	27803	16 II 19
28	01 <b>≈</b> 31	24≈40	00発27	09≈08	23№22	03介14	23 8 05	17MP34	04≈02	27 8 19	16 <b>I</b> I31
				March	<b>1983</b> , 00:		w York, N	ew York, L	.ongitud	е	
Day	Ceres	Juno	Eros S	Sappho	Psyche	Vesta	Chiron (	Ophelia	Amor	Astarte	Erato
1	01≈53	25≈07	01₩03	09 <b>≈</b> 42	23№27	03℃42	23 8 06	17MP22	04 <b>≈</b> 43	27 8 34	16 <b>II</b> 43
2	02≈15	25≈34	01発40	10≈17	23№32	04Ƴ09	23 8 08	17 <b>1</b> 0	05 <b>≈</b> 23	27 8 50	16 II 55
3	02≈37	26≈00	02升16	10≈51	23№36	04Ƴ37	23 8 10	16 <b>m</b> 58	06 <b>≈</b> 03	28 & 06	17 II 07
4	02 <b>≈</b> 59	26 <b>≈</b> 27	02 <del>¥</del> 53	11≈25	23№40	05℃04	23 8 12	16 <b>M</b> 46	06 <b>≈</b> 42	28 8 23	17 II 20
5	03 <b>≈</b> 20	26≈54	03₩29	12≈00	23№44	05Ƴ32	23 8 14	16 <b>M</b> 233	07 <b>≈</b> 22	28 8 39	17 <b>I</b> I 33
6	03≈42	27≈21	04₩06	12≈34	23№47	06℃00	23 <del>8</del> 16	16MP21	08 <b>≈</b> 01	28 8 56	17 II 46
7	04≈04	27≈47	04発42	13≈09	23№50	06℃27	23 <del>8</del> 18	16 <b>17</b> 09	08 <b>≈</b> 40	29 8 12	17 II 59
8	04≈25	28 <b>≈</b> 14	05升19	13 <b>≈</b> 43	23№53	06℃55	23 8 21	15MP56	09 <b>≈</b> 19	29 8 29	18 <b>II</b> 13
9	04≈47	28 <b>≈</b> 41	05₩56	14≈18	23№55	07℃23	23 8 23	15MP44	09 <b>≈</b> 57	29 8 46	18 <b>II</b> 27
10	05≈08	29 <b>≈</b> 07	06₩32	14≈52	23№57	07介51	23 8 25	15MP32	10≈35	00 II 03	18 <b>II</b> 41
11	05≈29	29 <b>≈</b> 34	07₩09	15 <b>≈</b> 27	23№59	08介18	23 8 28	15MP19	11 <b>≈</b> 13	00 X 21	18 X 55
12	05≈50	00 <del>X</del> 01	07 € 46	16≈01	24M <sub>0</sub> 1	08Ƴ46	23 8 30	15MP07	11≈51	00 II 38	19 II 09
13	06≈12	00 <b></b> €28	08₩23	16≈36	24№02	09介14	23 8 32	14MP55	12 <b>≈</b> 28	00 II 56	19 II 24
14	06≈33	00升55	09¥00	17≈11	24№03	09Ƴ41	23 8 35	141743	13 <b>≈</b> 06	01 II 14	19 <b>I</b> I 39
15	06≈53	01∺22	09 <b>¥</b> 37	17≈45	24№03	10℃09	23 8 38	141731	13 <b>≈</b> 43	01 X 32	19 <b>I</b> 54
16	07≈14	01⊛49	10 <b></b> €13	18 <b>≈</b> 20	24№03	10Ƴ37	23 8 40	14 <b>M</b> 19	14≈19	01 X 50	20 II 09
17	07≈35	02升16	10 <b></b> €50	18 <b>≈</b> 54	24№03	11℃05	23 8 43	14MP07	14≈56	02 <b>I</b> 08	20 <b>I</b> 25
18	07≈56	02升43	11 <b></b> €27	19 <b>≈</b> 29	24№03	11Ƴ32	23 8 46	13 <b>m</b> /56	15≈32	02 II 26	20 🛚 40
19	08 <b>≈</b> 16	03₩09	12 <del>¥</del> 04	20≈04	24№02	12Ƴ00	23 & 48	131744	16≈08	02 <b>II</b> 45	20 II 56
20	08≈37	03 € 36	12 <b>X</b> 41	20≈38	24M <sub>0</sub> 1	12 <b>↑</b> 28	23 8 51	131733	16≈44	03 11 03	21 II 12
21	08 <b>≈</b> 57	04₩03	13 <b></b>	21≈13	24№00	12介56	23 8 54	131722	17≈20	03 II 22	21 <b>I</b> I 28
22	09 <b>≈</b> 17	04 € 30	13 <b>光</b> 56	21≈47	23№58	13℃23	23 8 57	131711	17≈55	03 X 41	21 <b>I</b> 45
23	09 <b>≈</b> 37	04 € 57	14 € 33	22 <b>≈</b> 22	23№56	13 <b>T</b> 51	24800	131700	18≈30	04 II 00	22 <b>I</b> I01
24	09 <b>≈</b> 57	05 <b>X</b> 24	15 € 10	22 <b>≈</b> 57	23№53	14介19	24 8 03	12M750	19≈05	04 II 19	22 <b>I</b> 18
25	10≈17	05 <b>X</b> 51	15 € 47	23≈31	23№51	14Ƴ46	24 & 06	12MP40	19 <b>≈</b> 40	04 II 38	22 <b>I</b> 35
26	10≈37	06升18	16₩25	24≈06	23№48	15介14	24 8 09	12MP30	20≈14	04 II 58	22 <b>I</b> 52
27	10≈57	06 € 44	17 <b></b> €02	24≈40	23№44	15 <b>Υ</b> 42	24 8 12	12MP20	20 <b>≈</b> 48	05 II 17	23 <b>I</b> 09
28	11≈17	07 € 11	17 <b>¥</b> 39	25≈15	23/\( <b>0</b> \)41	16℃09	24 & 15	121711	21 <b>≈</b> 22	05 <b>I</b> I 37	23 <b>I</b> 27
29	11≈36	07 € 38	18 <b></b>	25≈50	23№37	16Ƴ37	24 8 19	121702	21≈56	05 <b>I</b> 56	23 🛚 44
30	11≈55	08₩05	18 <b>光</b> 54	26 <b>≈</b> 24	23№32	17 <b>℃</b> 05	24 8 22	1111753	22 <b>≈</b> 29	06 II 16	24 II 02
31	12≈15	08¥32	19 <b>X</b> 32	26≈59	231128	17 <b>↑</b> 32	24 8 25	1117744	23≈02	06 X 36	24 II 20
D	0			Anril 1	uxx nn-i			W York I	anaitude		
Day	Ceres					00:00, Nev					
1	404404	Juno		Sappho	Psyche	Vesta	Chiron	Ophelia	Amor	Astarte	Erato
	12≈34	08発59	20 <b>米</b> 09	Sappho 27≈34	Psyche 23M-23	Vesta 18™00	Chiron 24 & 29	Ophelia 1117736	Amor 23≈35	Astarte 06 II 56	24 🛚 38
2	12≈53	08¥59 09¥26	20¥09 20¥47	Sappho 27≈34 28≈08	Psyche 23№23 23№17	Vesta 18 T 00 18 T 28	Chiron 24 & 29 24 & 32	Ophelia 11M/36 11M/28	Amor 23≈35 24≈08	Astarte 06 II 56 07 II 16	24 II 38 24 II 56
2 3	12≈53 13≈12	08¥59 09¥26 09¥53	20¥09 20¥47 21¥25	Sappho 27≈34 28≈08 28≈43	Psyche 23\(\mathbb{L}\)23 23\(\mathbb{L}\)17 23\(\mathbb{L}\)12	Vesta 18 T 00 18 T 28 18 T 55	Chiron (24 & 29 24 & 32 24 & 35	Ophelia 11M736 11M728 11M720	Amor 23≈35 24≈08 24≈41	Astarte 06 II 56 07 II 16 07 II 36	24 II 38 24 II 56 25 II 14
2 3 4	12≈53 13≈12 13≈30	08光59 09光26 <mark>09光53</mark> 10光19	20¥09 20¥47 21¥25 22¥02	27≈34 28≈08 28≈43 29≈17	Psyche 23\(\mathbb{2}\)3 23\(\mathbb{1}\)7 23\(\mathbb{1}\)2 23\(\mathbb{0}\)6	Vesta 18 T 00 18 T 28 18 T 55 19 T 23	Chiron (24 829 24 832 24 835 24 839	Ophelia 11m/36 11m/28 11m/20 11m/13	Amor 23≈35 24≈08 24≈41 25≈13	Astarte 06 II 56 07 II 16 07 II 36 07 II 56	24 II 38 24 II 56 25 II 14 25 II 33
2 3 4 5	12≈53 13≈12 13≈30 13≈49	08光59 09光26 <mark>09光53</mark> 10光19 10光46	20¥09 20¥47 21¥25 22¥02 22¥40	27≈34 28≈08 28≈43 29≈17 29≈52	Psyche 23\mathbb{\text{0}}23 23\mathbb{\text{0}}17 23\mathbb{\text{0}}12 23\mathbb{\text{0}}06 23\mathbb{\text{0}}00	Vesta 18 T 00 18 T 28 18 T 55 19 T 23 19 T 51	Chiron 24 8 29 24 8 32 24 8 35 24 8 39 24 8 42	Ophelia 11 m 36 11 m 28 11 m 20 11 m 13 11 m 06	Amor 23≈35 24≈08 24≈41 25≈13 25≈45	Astarte 06 II 56 07 II 16 07 II 36 07 II 56 08 II 17	24 II 38 24 II 56 25 II 14 25 II 33 25 II 51
2 3 4 5 6	12≈53 13≈12 13≈30 13≈49 14≈08	08	20¥09 20¥47 21¥25 22¥02 22¥40 23¥18	Sappho 27≈34 28≈08 28≈43 29≈17 29≈52 00€27	Psyche 23M-23 23M-17 23M-12 23M-06 23M-00 22M-53	Vesta 18 T 00 18 T 28 18 T 55 19 T 23 19 T 51 20 T 18	Chiron (24 & 29 24 & 32 24 & 35 24 & 39 24 & 42 24 & 46	Ophelia 11m/36 11m/28 11m/20 11m/13 11m/06 10m/59	Amor 23≈35 24≈08 24≈41 25≈13 25≈45 26≈17	Astarte 06 II 56 07 II 16 07 II 36 07 II 56 08 II 17 08 II 37	24 II 38 24 II 56 25 II 14 25 II 33 25 II 51 26 II 10
2 3 4 5 6 7	12≈53 13≈12 13≈30 13≈49 14≈08 14≈26	08	20¥09 20¥47 21¥25 22¥02 22¥40 23¥18 23¥56	Sappho 27≈34 28≈08 28≈43 29≈17 29≈52 00€27 01€01	Psyche 23M23 23M17 23M12 23M06 23M00 22M53 22M46	Vesta 18 T 00 18 T 28 18 T 55 19 T 23 19 T 51 20 T 18 20 T 46	Chiron (24 & 29 24 & 32 24 & 35 24 & 39 24 & 42 24 & 46 24 & 49	Dphelia 11m36 11m28 11m20 11m13 11m06 10m59 10m53	Amor 23≈35 24≈08 24≈41 25≈13 25≈45 26≈17 26≈49	Astarte 06 II 56 07 II 16 07 II 36 07 II 56 08 II 17 08 II 37 08 II 58	24 II 38 24 II 56 25 II 14 25 II 33 25 II 51 26 II 10 26 II 29
2 3 4 5 6 7 8	12≈53 13≈12 13≈30 13≈49 14≈08 14≈26 14≈44	08 × 59 09 × 26 09 × 53 10 × 19 10 × 46 11 × 13 11 × 40 12 × 07	20¥09 20¥47 21¥25 22¥02 22¥40 23¥18 23¥56 24¥34	Sappho 27≈34 28≈08 28≈43 29≈17 29≈52 00±27 01±01 01±36	Psyche 23\(\pi\23\) 23\(\pi\17\) 23\(\pi\12\) 23\(\pi\06\) 23\(\pi\00\) 22\(\pi\53\) 22\(\pi\46\) 22\(\pi\39\)	Vesta 18 T 00 18 T 28 18 T 55 19 T 23 19 T 51 20 T 18 20 T 46 21 T 14	Chiron (24 8 29 24 8 32 24 8 35 24 8 39 24 8 42 24 8 46 24 8 49 24 8 53	Ophelia 11m/36 11m/28 11m/20 11m/13 11m/06 10m/59 10m/53 10m/47	Amor 23≈35 24≈08 24≈41 25≈13 25≈45 26≈17 26≈49 27≈20	Astarte 06 I 56 07 I 16 07 I 36 07 I 56 08 I 17 08 I 37 08 I 58 09 I 18	24 II 38 24 II 56 25 II 14 25 II 33 25 II 51 26 II 10 26 II 29 26 II 48
2 3 4 5 6 7 8	12≈53 13≈12 13≈30 13≈49 14≈08 14≈26 14≈44 15≈02	08 × 59 09 × 26 09 × 53 10 × 19 10 × 46 11 × 13 11 × 40 12 × 07 12 × 34	20¥09 20¥47 21¥25 22¥02 22¥40 23¥18 23¥56 24¥34 25¥12	Sappho 27≈34 28≈08 28≈43 29≈17 29≈52 00∺27 01∺01 01∺36 02∺11	Psyche 23\(\pi_23\) 23\(\pi_17\) 23\(\pi_12\) 23\(\pi_06\) 23\(\pi_00\) 22\(\pi_53\) 22\(\pi_46\) 22\(\pi_39\) 22\(\pi_32\)	Vesta 18 T 00 18 T 28 18 T 55 19 T 23 19 T 51 20 T 18 20 T 46 21 T 14 21 T 41	Chiron (24 & 29 24 & 32 24 & 35 24 & 39 24 & 42 24 & 46 24 & 49 24 & 53 24 & 57	Ophelia 11m/36 11m/28 11m/20 11m/13 11m/06 10m/59 10m/53 10m/47 10m/41	Amor 23≈35 24≈08 24≈41 25≈13 25≈45 26≈17 26≈49 27≈20 27≈51	Astarte 06 II 56 07 II 16 07 II 36 07 II 56 08 II 17 08 II 37 08 II 58 09 II 18 09 II 39	24 II 38 24 II 56 25 II 14 25 II 33 25 II 51 26 II 10 26 II 29 26 II 48 27 II 07
2 3 4 5 6 7 8 9	12≈53 13≈12 13≈30 13≈49 14≈08 14≈26 14≈44 15≈02 15≈20	08 × 59 09 × 26 09 × 53 10 × 19 10 × 46 11 × 13 11 × 40 12 × 07 12 × 34 13 × 00	20¥09 20¥47 21¥25 22¥02 22¥40 23¥18 23¥56 24¥34 25¥12 25¥50	Sappho 27 ≈ 34 28 ≈ 08 28 ≈ 43 29 ≈ 17 29 ≈ 52 00 × 27 01 × 01 01 × 36 02 × 11 02 × 45	Psyche 23M-23 23M-17 23M-12 23M-06 23M-00 22M-53 22M-46 22M-39 22M-32 22M-24	Vesta 18 T 00 18 T 28 18 T 55 19 T 23 19 T 51 20 T 18 20 T 46 21 T 14 21 T 41 22 T 09	Chiron (24 & 29 24 & 32 24 & 35 24 & 39 24 & 42 24 & 46 24 & 49 24 & 53 24 & 57 25 & 00	Dphelia 11m/36 11m/28 11m/20 11m/13 11m/06 10m/59 10m/53 10m/47 10m/41 10m/36	Amor 23≈35 24≈08 24≈41 25≈13 25≈45 26≈17 26≈49 27≈20 27≈51 28≈22	Astarte 06 II 56 07 II 16 07 II 36 07 II 56 08 II 17 08 II 37 08 II 58 09 II 18 09 II 39 10 II 00	24 II 38 24 II 56 25 II 14 25 II 33 25 II 51 26 II 10 26 II 29 26 II 48 27 II 07 27 II 26
2 3 4 5 6 7 8 9 10 11	12≈53 13≈12 13≈30 13≈49 14≈08 14≈26 14≈44 15≈02 15≈20 15≈38	08 × 59 09 × 26 09 × 53 10 × 19 10 × 46 11 × 13 11 × 40 12 × 07 12 × 34 13 × 00 13 × 27	20¥09 20¥47 21¥25 22¥02 22¥40 23¥18 23¥56 24¥34 25¥12 25¥50 26¥28	Sappho 27≈34 28≈08 28≈43 29≈17 29≈52 00±27 01±01 01±36 02±11 02±45 03±20	Psyche 23M-23 23M-17 23M-12 23M-06 23M-00 22M-53 22M-46 22M-39 22M-32 22M-24 22M-16	Vesta 18 T 00 18 T 28 18 T 55 19 T 23 19 T 51 20 T 18 20 T 46 21 T 14 21 T 41 22 T 09 22 T 36	Chiron (24 & 29 24 & 32 24 & 35 24 & 42 24 & 46 24 & 49 24 & 53 24 & 57 25 & 00 25 & 04	Dphelia 11m/36 11m/28 11m/20 11m/13 11m/06 10m/59 10m/53 10m/47 10m/41 10m/36 10m/31	Amor 23≈35 24≈08 24≈41 25≈13 25≈45 26≈17 26≈49 27≈20 27≈51 28≈22 28≈53	Astarte 06 II 56 07 II 16 07 II 36 07 II 56 08 II 17 08 II 37 08 II 58 09 II 18 09 II 39 10 II 00 10 II 21	24 II 38 24 II 56 25 II 14 25 II 33 25 II 51 26 II 10 26 II 29 26 II 48 27 II 07 27 II 26 27 II 45
2 3 4 5 6 7 8 9 10 11	12≈53 13≈12 13≈30 13≈49 14≈08 14≈26 14≈44 15≈02 15≈38 15≈56	08 × 59 09 × 26 09 × 53 10 × 19 10 × 46 11 × 13 11 × 40 12 × 07 12 × 34 13 × 00 13 × 27 13 × 54	20¥09 20¥47 21¥25 22¥02 22¥40 23¥18 23¥56 24¥34 25¥12 25¥50 26¥28 27¥06	Sappho 27≈34 28≈08 28≈43 29≈17 29≈52 00±27 01±01 01±36 02±11 02±45 03±20 03±54	Psyche 23M-23 23M-17 23M-12 23M-06 23M-00 22M-53 22M-46 22M-39 22M-32 22M-24 22M-16 22M-08	Vesta 18 T 00 18 T 28 18 T 55 19 T 23 19 T 51 20 T 18 20 T 46 21 T 14 22 T 09 22 T 36 23 T 04	Chiron (24 & 29 24 & 32 24 & 35 24 & 42 24 & 46 24 & 49 24 & 53 24 & 57 25 & 00 25 & 08	0phelia 11m/36 11m/28 11m/20 11m/13 11m/06 10m/59 10m/53 10m/47 10m/41 10m/36 10m/31 10m/27	Amor 23≈35 24≈08 24≈41 25≈13 25≈45 26≈17 26≈49 27≈20 27≈51 28≈22 28≈53 29≈23	Astarte 06 II 56 07 II 16 07 II 36 07 II 56 08 II 17 08 II 37 08 II 58 09 II 18 09 II 39 10 II 00 10 II 21 10 II 41	24 II 38 24 II 56 25 II 14 25 II 33 25 II 51 26 II 10 26 II 29 26 II 48 27 II 07 27 II 26 27 II 45 28 II 04
2 3 4 5 6 7 8 9 10 11 12 13	12≈53 13≈12 13≈30 13≈49 14≈08 14≈26 14≈44 15≈02 15≈20 15≈38 15≈56 16≈14	08 × 59 09 × 26 09 × 53 10 × 19 10 × 46 11 × 13 11 × 40 12 × 07 12 × 34 13 × 27 13 × 54 14 × 21	20¥09 20¥47 21¥25 22¥02 22¥40 23¥18 23¥56 24¥34 25¥12 25¥50 26¥28 27¥06 27¥44	Sappho 27≈34 28≈08 28≈43 29≈17 29≈52 00±27 01±01 01±36 02±11 02±45 03±20 03±54 04±29	Psyche 23M-23 23M-17 23M-12 23M-06 23M-00 22M-53 22M-46 22M-32 22M-24 22M-16 22M-08 21M-59	Vesta 18 T 00 18 T 28 18 T 55 19 T 23 19 T 51 20 T 18 20 T 46 21 T 14 22 T 09 22 T 36 23 T 04 23 T 31	Chiron (24 & 29 24 & 32 24 & 35 24 & 42 24 & 46 24 & 49 24 & 53 24 & 57 25 & 00 25 & 04 25 & 8 & 11	Ophelia           11m36           11m20           11m13           11m06           10m59           10m47           10m41           10m36           10m27           10m23	Amor 23≈35 24≈08 24≈41 25≈13 25≈45 26≈17 26≈49 27≈20 27≈51 28≈22 28≈53 29≈23 29≈53	Astarte 06 II 56 07 II 16 07 II 36 07 II 56 08 II 17 08 II 37 08 II 58 09 II 18 09 II 39 10 II 00 10 II 21 10 II 41 11 II 02	24 II 38 24 II 56 25 II 14 25 II 33 25 II 51 26 II 10 26 II 29 26 II 48 27 II 07 27 II 26 27 II 45 28 II 04 28 II 24
2 3 4 5 6 7 8 9 10 11 12 13 14	12:53 13:12 13:30 13:49 14:08 14:26 14:44 15:02 15:20 15:38 15:56 16:14 16:31	08 × 59 09 × 26 09 × 53 10 × 19 10 × 46 11 × 13 11 × 40 12 × 07 12 × 34 13 × 00 13 × 27 13 × 54 14 × 21 14 × 48	20¥09 20¥47 21¥25 22¥02 22¥40 23¥18 23¥56 24¥34 25¥12 25¥50 26¥28 27¥06 27¥44 28¥22	Sappho 27≈34 28≈08 28≈43 29≈17 29≈52 00±27 01±01 02±11 02±45 03±20 03±54 04±29 05±03	Psyche 23M-23 23M-17 23M-12 23M-06 23M-00 22M-53 22M-46 22M-39 22M-24 22M-16 22M-08 21M-59 21M-51	Vesta 18 T 00 18 T 28 18 T 55 19 T 23 19 T 51 20 T 18 20 T 46 21 T 14 22 T 09 22 T 36 23 T 04 23 T 31 23 T 59	Chiron (24 & 29 24 & 32 24 & 35 24 & 39 24 & 46 24 & 49 24 & 53 24 & 57 25 & 00 25 & 04 25 & 08 25 & 11 25 & 15	Ophelia           11m36           11m20           11m13           11m06           10m59           10m47           10m41           10m36           10m27           10m23           10m19	Amor 23≈35 24≈08 24≈41 25≈13 25≈45 26≈17 26≈49 27≈20 27≈51 28≈22 28≈53 29≈23 29≈53 00±23	Astarte 06 I 56 07 I 16 07 I 36 07 I 56 08 I 17 08 I 37 08 I 58 09 I 18 09 I 39 10 I 00 10 I 21 10 I 41 11 I 02 11 I 24	24 II 38 24 II 56 25 II 14 25 II 33 25 II 51 26 II 10 26 II 29 26 II 48 27 II 07 27 II 26 27 II 45 28 II 04 28 II 24 28 II 44
2 3 4 5 6 7 8 9 10 11 12 13 14 15	12:53 13:12 13:30 13:49 14:08 14:26 14:44 15:02 15:20 15:38 15:56 16:14 16:31 16:48	08 × 59 09 × 26 09 × 53 10 × 19 10 × 46 11 × 13 11 × 40 12 × 07 12 × 34 13 × 27 13 × 54 14 × 21 14 × 48 15 × 14	20¥09 20¥47 21¥25 22¥02 22¥40 23¥18 23¥56 24¥34 25¥12 25¥50 26¥28 27¥06 27¥44 28¥22 29¥00	Sappho 27≈34 28≈08 28≈43 29≈17 29≈52 00∺27 01∺01 01∺36 02∺11 02∺45 03∺20 03∺54 04∺29 05∺03 05∺38	Psyche 23M-23 23M-17 23M-12 23M-06 23M-00 22M-53 22M-46 22M-39 22M-24 22M-16 22M-08 21M-59 21M-51 21M-42	Vesta 18 T 00 18 T 28 18 T 55 19 T 23 19 T 51 20 T 18 20 T 46 21 T 14 22 T 09 22 T 36 23 T 04 23 T 31 23 T 59 24 T 26	Chiron (24 8 29 24 8 32 24 8 35 24 8 49 24 8 45 3 24 8 57 25 8 00 25 8 04 25 8 11 25 8 19	Ophelia           11m36           11m20           11m13           11m06           10m59           10m47           10m41           10m36           10m27           10m23           10m19           10m15	Amor 23≈35 24≈08 24≈41 25≈13 25≈45 26≈17 26≈49 27≈20 27≈51 28≈22 28≈53 29≈23 29≈53 00±23 00±53	Astarte 06 I 56 07 I 16 07 I 36 07 I 56 08 I 17 08 I 37 08 I 58 09 I 18 09 I 39 10 I 00 10 I 21 10 I 41 11 I 02 11 I 24 11 I 45	24 II 38 24 II 56 25 II 14 25 II 33 25 II 51 26 II 10 26 II 29 26 II 48 27 II 07 27 II 26 27 II 45 28 II 04 28 II 24 28 II 44 29 II 03
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	12:53 13:12 13:30 13:49 14:08 14:26 14:44 15:02 15:20 15:38 15:56 16:14 16:31 16:48 17:05	08 × 59 09 × 26 09 × 53 10 × 19 10 × 46 11 × 13 11 × 40 12 × 07 12 × 34 13 × 00 13 × 27 13 × 54 14 × 21 14 × 48 15 × 14 15 × 41	20¥09 20¥47 21¥25 22¥02 22¥40 23¥18 23¥56 24¥34 25¥12 25¥50 26¥28 27¥06 27¥44 28¥22 29¥00 29¥38	Sappho 27≈34 28≈08 28≈43 29≈17 29≈52 00∺27 01∺01 01∺36 02∺11 02∺45 03∺20 03∺54 04∺29 05∺03 05∺38 06∺12	Psyche 23M-23 23M-17 23M-12 23M-06 23M-00 22M-53 22M-46 22M-39 22M-24 22M-16 22M-08 21M-59 21M-51 21M-42 21M-32	Vesta 18 m 00 18 m 28 18 m 55 19 m 23 19 m 51 20 m 18 20 m 46 21 m 14 21 m 41 22 m 09 22 m 36 23 m 04 23 m 31 23 m 59 24 m 26 24 m 54	Chiron (24 8 29 24 8 32 24 8 35 24 8 49 24 8 49 24 8 57 25 8 00 25 8 04 25 8 11 25 8 15 25 8 23	Ophelia           11m36           11m20           11m13           11m06           10m59           10m47           10m41           10m26           10m27           10m23           10m19           10m15	Amor 23≈35 24≈08 24≈41 25≈13 25≈45 26≈17 26≈49 27≈20 27≈51 28≈22 28≈53 29≈23 29≈53 00±23 01±22	Astarte 06 I 56 07 I 16 07 I 36 07 I 56 08 I 17 08 I 37 08 I 58 09 I 18 09 I 39 10 I 00 10 I 21 11 I 10 I 41 11 I 10 2 11 I I 24 11 I I 45 12 I 06	24 II 38 24 II 56 25 II 14 25 II 33 25 II 51 26 II 10 26 II 29 26 II 48 27 II 07 27 II 26 27 II 45 28 II 04 28 II 24 28 II 44 29 II 03 29 II 23
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	12:53 13:12 13:30 13:49 14:08 14:26 14:44 15:02 15:20 15:38 15:56 16:14 16:31 16:48 17:05 17:22	08 × 59 09 × 26 09 × 53 10 × 19 10 × 46 11 × 13 11 × 40 12 × 07 12 × 34 13 × 00 13 × 27 13 × 54 14 × 21 14 × 48 15 × 14 16 × 08	20¥09 20¥47 21¥25 22¥02 22¥40 23¥18 23¥56 24¥34 25¥12 25¥50 26¥28 27¥06 27¥44 28¥22 29¥00 29¥38 00↑17	Sappho 27≈34 28≈08 28≈43 29≈17 29≈52 00∺27 01∺01 01∺36 02∺11 02∺45 03∺20 03∺54 04∺29 05∺03 05∺38 06∺12 06∺47	Psyche 23M-23 23M-17 23M-12 23M-06 23M-00 22M-53 22M-46 22M-39 22M-24 22M-16 22M-08 21M-59 21M-51 21M-42 21M-32 21M-23	Vesta 18 T 00 18 T 28 18 T 55 19 T 23 19 T 51 20 T 18 20 T 46 21 T 14 21 T 41 22 T 09 22 T 36 23 T 04 23 T 31 23 T 59 24 T 26 24 T 54 25 T 21	Chiron (24 8 29 24 8 32 24 8 35 24 8 49 24 8 48 25 8 00 25 8 04 25 8 15 25 8 19 25 8 27	Ophelia           11m/36           11m/20           11m/13           11m/06           10m/59           10m/53           10m/47           10m/36           10m/31           10m/27           10m/23           10m/19           10m/12           10m/09	Amor 23≈35 24≈08 24≈41 25≈13 25≈45 26≈17 26≈49 27≈20 27≈51 28≈22 28≈53 29≈23 29≈53 00±23 00±23 01±22 01±52	Astarte 06 I 56 07 I 16 07 I 36 07 I 56 08 I 17 08 I 37 08 I 58 09 I 18 09 I 39 10 I 00 10 I 21 11 I 10 2 11 I I 24 11 I I 45 12 I 106 12 I 27	24 II 38 24 II 56 25 II 14 25 II 33 25 II 51 26 II 10 26 II 29 26 II 48 27 II 07 27 II 26 27 II 45 28 II 04 28 II 24 28 II 24 29 II 03 29 II 23 29 II 43
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	12:53 13:12 13:30 13:49 14:08 14:26 14:44 15:20 15:38 15:56 16:14 16:31 16:48 17:05 17:22 17:39	08 × 59 09 × 26 09 × 53 10 × 19 10 × 46 11 × 13 11 × 40 12 × 07 12 × 34 13 × 00 13 × 27 13 × 54 14 × 21 14 × 48 15 × 14 15 × 41 16 × 08 16 × 35	20¥09 20¥47 21¥25 22¥02 22¥40 23¥18 23¥56 24¥34 25¥12 25¥50 26¥28 27¥06 27¥44 28¥22 29¥00 29¥38 00↑17 00↑56	Sappho 27≈34 28≈08 28≈43 29≈17 29≈52 00∺27 01∺01 01∺36 02∺11 02;45 03;20 03;54 04;29 05;38 06;12 06;47 07;21	Psyche 23M-23 23M-17 23M-12 23M-06 23M-00 22M-53 22M-46 22M-39 22M-24 22M-16 22M-08 21M-59 21M-51 21M-42 21M-32 21M-33	Vesta 18 T 00 18 T 28 18 T 55 19 T 23 19 T 51 20 T 18 20 T 46 21 T 14 21 T 41 22 T 09 22 T 36 23 T 04 23 T 31 23 T 59 24 T 26 24 T 54 25 T 49	Chiron (24 8 29 24 8 32 24 8 35 24 8 49 24 8 48 25 8 00 25 8 04 25 8 15 25 8 19 25 8 27 25 8 31	Ophelia           11m/36           11m/20           11m/13           11m/06           10m/59           10m/47           10m/41           10m/36           10m/27           10m/23           10m/19           10m/12           10m/09           10m/07	Amor 23≈35 24≈08 24≈41 25≈13 25≈45 26≈17 26≈49 27≈20 27≈51 28≈22 28≈53 29≈53 00±23 00±23 01±22 01±52 02±21	Astarte 06 I 56 07 I 16 07 I 36 07 I 56 08 I 17 08 I 37 08 I 58 09 I 18 09 I 39 10 I 00 10 I 21 11 I 10 I 41 11 I 10 2 11 I I 24 11 I I 45 12 I 106 12 I 27 12 I 49	24 II 38 24 II 56 25 II 14 25 II 33 25 II 51 26 II 10 26 II 29 26 II 48 27 II 07 27 II 26 27 II 45 28 II 04 28 II 24 28 II 24 29 II 03 29 II 23 29 II 43 00 © 03
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	12:53 13:12 13:30 13:49 14:08 14:26 14:44 15:20 15:38 15:56 16:14 16:31 16:48 17:05 17:22 17:39 17:56	08 × 59 09 × 26 09 × 53 10 × 19 10 × 46 11 × 13 11 × 40 12 × 07 12 × 34 13 × 27 13 × 54 14 × 21 14 × 48 15 × 14 15 × 41 16 × 08 16 × 35 17 × 01	20¥09 20¥47 21¥25 22¥02 22¥40 23¥18 23¥56 24¥34 25¥12 25¥50 26¥28 27¥06 27¥44 28¥22 29¥00 29¥38 00™17 00™56 01™34	Sappho 27≈34 28≈08 28≈43 29≈17 29≈52 00±27 01±01 01±36 02±11 02±45 03±20 03±54 04±29 05±03 05±38 06±12 06±47 07±21 07±56	Psyche 23M-23 23M-17 23M-12 23M-06 23M-00 22M-53 22M-46 22M-39 22M-32 22M-16 22M-08 21M-59 21M-51 21M-42 21M-32 21M-32 21M-33 21M-03	Vesta 18 T 00 18 T 28 18 T 55 19 T 23 19 T 51 20 T 18 20 T 46 21 T 14 21 T 41 22 T 09 22 T 36 23 T 04 23 T 31 23 T 59 24 T 26 24 T 54 25 T 21 25 T 49 26 T 16	Chiron (24 8 29 24 8 32 24 8 35 24 8 49 24 8 48 25 8 00 25 8 01 25 8 15 25 8 19 25 8 27 25 8 35	Ophelia           11m/36           11m/20           11m/13           11m/06           10m/59           10m/53           10m/47           10m/36           10m/31           10m/27           10m/23           10m/15           10m/12           10m/09           10m/07           10m/05	Amor 23≈35 24≈08 24≈41 25≈13 25≈45 26≈17 26≈49 27≈20 27≈51 28≈22 28≈53 29≈53 00±23 00±23 01±22 01±52 02±21 02±49	Astarte 06 I 56 07 II 16 07 II 36 07 II 56 08 II 17 08 II 37 08 II 58 09 II 18 09 II 39 10 II 00 10 II 21 11 II 12 11 II 12 11 II 24 11 II 45 12 II 06 12 II 27 12 II 49 13 II 10	24 II 38 24 II 56 25 II 14 25 II 33 25 II 51 26 II 10 26 II 29 26 II 48 27 II 07 27 II 26 27 II 45 28 II 04 28 II 24 28 II 24 29 II 23 29 II 23 29 II 23 00 S 03 00 S 23
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	12≈53 13≈12 13≈30 13≈49 14≈08 14≈26 14≈44 15≈02 15≈38 15≈56 16≈14 16≈31 16≈48 17≈05 17≈22 17≈39 17≈56 18≈12	08 × 59 09 × 26 09 × 53 10 × 19 10 × 46 11 × 13 11 × 40 12 × 07 12 × 34 13 × 27 13 × 54 14 × 21 14 × 48 15 × 14 15 × 14 16 × 08 16 × 35 17 × 01 17 × 28	20¥09 20¥47 21¥25 22¥02 22¥40 23¥18 23¥56 24¥34 25¥12 25¥50 26¥28 27¥06 27¥44 28¥22 29¥00 29¥38 00™17 00™56 01™34 02™13	Sappho 27≈34 28≈08 28≈43 29≈17 29≈52 00∺27 01∺01 01∺36 02∺11 02∺45 03∺20 03∺54 04∺29 05∺03 05∺38 06∺12 06∺47 07∺21 07∺56 08∺30	Psyche 23M-23 23M-17 23M-12 23M-06 23M-00 22M-53 22M-46 22M-39 22M-32 22M-24 22M-16 22M-08 21M-59 21M-51 21M-42 21M-32 21M-32 21M-33 21M-03 20M-53	Vesta 18 T 00 18 T 28 18 T 55 19 T 23 19 T 51 20 T 18 20 T 46 21 T 14 21 T 41 22 T 09 22 T 36 23 T 04 23 T 31 23 T 59 24 T 26 24 T 54 25 T 49 26 T 16 26 T 43	Chiron (24 8 29 24 8 32 24 8 35 24 8 49 24 8 48 25 8 00 25 8 04 25 8 15 25 8 19 25 8 23 25 8 27 25 8 39	Ophelia           11m/36           11m/20           11m/13           11m/06           10m/59           10m/53           10m/47           10m/41           10m/36           10m/31           10m/27           10m/23           10m/19           10m/12           10m/09           10m/05           10m/04	Amor 23≈35 24≈08 24≈41 25≈13 25≈45 26≈17 26≈49 27≈20 27≈51 28≈22 28≈53 29≈53 00±23 00±23 01±22 01±52 02±21 02±49 03±18	Astarte 06 I 56 07 II 16 07 II 36 07 II 56 08 II 17 08 II 37 08 II 58 09 II 18 09 II 39 10 II 00 10 II 21 11 II 24 11 II 45 12 II 06 12 II 27 12 II 49 13 II 10 13 II 32	24 II 38 24 II 56 25 II 14 25 II 33 25 II 51 26 II 10 26 II 29 26 II 48 27 II 07 27 II 26 27 II 45 28 II 04 28 II 24 28 II 44 29 II 03 29 II 23 00 \$\frac{1}{3}\$ 00 \$\frac{1}{3}\$ 00 \$\frac{1}{3}\$ 00 \$\frac{1}{3}\$ 00 \$\frac{1}{3}\$ 44
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	12:53 13:12 13:30 13:49 14:08 14:26 14:44 15:02 15:20 15:38 15:56 16:14 16:31 16:48 17:05 17:22 17:39 17:56 18:12 18:29	08 × 59 09 × 26 09 × 53 10 × 19 10 × 46 11 × 13 11 × 40 12 × 07 12 × 34 13 × 50 13 × 27 13 × 54 14 × 21 14 × 48 15 × 14 15 × 14 16 × 08 16 × 35 17 × 01 17 × 28 17 × 55	20%09 20%47 21%25 22%02 22%40 23%18 23%56 24%34 25%12 25%50 26%28 27%06 27%44 28%22 29%00 29%38 00%17 00%56 01%34 02%13 02%51	Sappho 27≈34 28≈08 28≈43 29≈17 29≈52 00∺27 01∺01 01∺36 02∺11 02∺45 03∺20 03∺54 04∺29 05∺03 05∺38 06∺12 06∺47 07∺21 07∺56 08∺30 09∺05	Psyche 23M-23 23M-17 23M-12 23M-06 23M-00 22M-53 22M-46 22M-39 22M-32 22M-24 22M-16 22M-08 21M-59 21M-51 21M-42 21M-32 21M-32 21M-33 21M-03 20M-53 20M-42	Vesta 18 \( 00 \) 18 \( 728 \) 18 \( 755 \) 19 \( 723 \) 19 \( 751 \) 20 \( 748 \) 20 \( 746 \) 21 \( 741 \) 22 \( 709 \) 22 \( 736 \) 23 \( 704 \) 23 \( 731 \) 23 \( 759 \) 24 \( 754 \) 25 \( 749 \) 26 \( 743 \) 27 \( 711 \)	Chiron (24 8 29 24 8 32 24 8 35 24 8 49 24 8 48 25 8 00 25 8 04 25 8 15 25 8 12 25 8 23 25 8 27 25 8 39 25 8 43	Ophelia           11m/36           11m/20           11m/13           11m/06           10m/59           10m/53           10m/47           10m/36           10m/31           10m/27           10m/23           10m/19           10m/15           10m/09           10m/07           10m/05           10m/04           10m/02	Amor 23≈35 24≈08 24≈41 25≈13 25≈45 26≈17 26≈49 27≈20 27≈51 28≈22 28≈53 29≈53 00±23 00±23 01±22 01±52 02±21 02±49 03±18 03±46	Astarte 06 I 56 07 II 16 07 II 36 07 II 56 08 II 17 08 II 37 08 II 58 09 II 18 09 II 39 10 II 00 10 II 21 11 II 24 11 II 45 12 II 06 12 II 27 12 II 49 13 II 10 13 II 32 13 II 53	24 II 38 24 II 56 25 II 14 25 II 33 25 II 51 26 II 10 26 II 29 26 II 48 27 II 07 27 II 26 27 II 45 28 II 04 28 II 24 29 II 03 29 II 23 29 II 43 00 S 03 00 S 23 00 S 44 01 S 04
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	12:53 13:12 13:30 13:49 14:08 14:26 14:44 15:02 15:20 15:38 15:56 16:14 16:31 16:48 17:05 17:22 17:39 17:56 18:12 18:29 18:45	08 × 59 09 × 26 09 × 53 10 × 19 10 × 46 11 × 13 11 × 40 12 × 07 12 × 34 13 × 27 13 × 54 14 × 21 14 × 48 15 × 14 15 × 41 16 × 08 16 × 35 17 × 01 17 × 28 17 × 55 18 × 21	20%09 20%47 21%25 22%02 22%40 23%18 23%56 24%34 25%12 25%50 26%28 27%06 27%44 28%22 29%00 29%38 00°17 00°56 01°34 02°13 02°51 03°30	Sappho 27≈34 28≈08 28≈43 29≈17 29≈52 00∺27 01∺01 01∺36 02∺11 02∺45 03∺20 03∺54 04∺29 05∺03 05∺38 06∺12 06∺47 07∺21 07∺56 08∺30 09∺05	Psyche 23M-23 23M-17 23M-12 23M-06 23M-00 22M-53 22M-46 22M-39 22M-32 22M-24 22M-16 22M-08 21M-59 21M-51 21M-42 21M-32 21M-32 21M-32 21M-03 20M-53 20M-42 20M-32	Vesta 18 \( 00 \) 18 \( 728 \) 18 \( 755 \) 19 \( 723 \) 19 \( 751 \) 20 \( 718 \) 20 \( 746 \) 21 \( 714 \) 22 \( 709 \) 22 \( 736 \) 23 \( 704 \) 23 \( 731 \) 23 \( 759 \) 24 \( 726 \) 25 \( 749 \) 26 \( 716 \) 26 \( 743 \) 27 \( 711 \) 27 \( 738 \)	Chiron (24 8 29 24 8 32 24 8 35 24 8 49 24 8 48 25 8 00 25 8 04 25 8 08 25 8 11 25 8 15 25 8 27 25 8 31 25 8 35 25 8 39 25 8 47	Ophelia           11m/36           11m/20           11m/13           11m/06           10m/59           10m/53           10m/47           10m/36           10m/31           10m/27           10m/23           10m/19           10m/09           10m/07           10m/05           10m/02           10m/01	Amor 23≈35 24≈08 24≈41 25≈13 25≈45 26≈17 26≈49 27≈20 27≈51 28≈22 28≈53 29≈53 00±23 00±23 01±22 01±52 02±21 02±49 03±18 03±46 04±14	Astarte 06 I 56 07 II 16 07 II 36 07 II 56 08 II 17 08 II 37 08 II 58 09 II 18 09 II 39 10 II 00 10 II 21 11 II 42 11 II 45 12 II 06 12 II 27 12 II 49 13 II 10 13 II 32 13 II 53 14 II 15	24 II 38 24 II 56 25 II 14 25 II 33 25 II 51 26 II 10 26 II 29 26 II 48 27 II 07 27 II 26 27 II 45 28 II 04 28 II 24 29 II 03 29 II 23 29 II 43 00 S 03 00 S 23 00 S 44 01 S 04 01 S 24
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	12:53 13:12 13:30 13:49 14:08 14:26 14:44 15:02 15:20 15:38 15:56 16:14 16:31 16:48 17:05 17:22 17:39 17:56 18:12 18:29 18:45 19:01	08 × 59 09 × 26 09 × 53 10 × 19 10 × 46 11 × 13 11 × 40 12 × 07 12 × 34 13 × 20 13 × 27 13 × 54 14 × 21 14 × 48 15 × 14 15 × 64 16 × 35 17 × 60 17 × 28 17 × 55 18 × 21 18 × 48	20%09 20%47 21%25 22%02 22%40 23%18 23%56 24%34 25%12 25%50 26%28 27%06 27%44 28%22 29%00 29%38 00°17 00°56 01°34 02°13 02°51 03°30 04°09	Sappho 27≈34 28≈08 28≈43 29≈17 29≈52 00∺27 01∺01 01∺36 02∺11 02∺45 03∺20 03∺54 04∺29 05∺03 05∺38 06∺12 06∺47 07∺21 07∺26 08∺30 09∺05 09∺39 10∺13	Psyche 23M-23 23M-17 23M-12 23M-06 23M-00 22M-53 22M-46 22M-39 22M-24 22M-16 22M-08 21M-59 21M-51 21M-42 21M-32 21M-32 21M-13 21M-03 20M-53 20M-42 20M-21	Vesta 18 T 00 18 T 28 18 T 55 19 T 23 19 T 51 20 T 18 20 T 46 21 T 14 22 T 09 22 T 36 23 T 04 23 T 31 23 T 59 24 T 26 24 T 54 25 T 21 25 T 49 26 T 16 26 T 43 27 T 11 27 T 38 28 T 06	Chiron (24 & 29 24 & 32 24 & 35 24 & 39 24 & 46 24 & 49 24 & 53 24 & 57 25 & 00 25 & 04 25 & 08 25 & 11 25 & 15 25 & 19 25 & 23 25 & 27 25 & 31 25 & 39 25 & 43 25 & 47 25 & 51	Ophelia           11m/36           11m/20           11m/20           11m/36           11m/36           10m/59           10m/53           10m/47           10m/36           10m/31           10m/27           10m/23           10m/19           10m/09           10m/07           10m/05           10m/04           10m/01	Amor 23≈35 24≈08 24≈41 25≈13 25≈45 26≈17 26≈49 27≈20 27≈51 28≈22 28≈53 29≈23 29≈53 00±23 00±23 01±22 01±52 02±49 03±18 03±46 04±14 04±42	Astarte 06 II 56 07 II 16 07 II 36 07 II 56 08 II 17 08 II 37 08 II 58 09 II 18 09 II 39 10 II 00 10 II 21 11 II 02 11 II 24 11 II 45 12 II 06 12 II 27 12 II 49 13 II 10 13 II 32 13 II 53 14 II 15 14 II 36	24 II 38 24 II 56 25 II 14 25 II 33 25 II 51 26 II 10 26 II 29 26 II 48 27 II 07 27 II 26 27 II 45 28 II 04 28 II 24 29 II 03 29 II 23 29 II 43 00 \$ 03 00 \$ 23 00 \$ 24 01 \$ 04 01 \$ 24 01 \$ 345
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 *24	12:53 13:12 13:30 13:49 14:08 14:26 14:44 15:02 15:20 15:38 15:56 16:14 16:31 16:48 17:05 17:22 17:39 17:56 18:12 18:29 18:45 19:01 19:16	08 × 59 09 × 26 09 × 53 10 × 19 10 × 46 11 × 13 11 × 40 12 × 07 12 × 34 13 × 27 13 × 54 14 × 21 14 × 48 15 × 14 16 × 08 16 × 35 17 × 01 17 × 28 17 × 55 18 × 21 18 × 48 19 × 13	20%09 20%47 21%25 22%02 22%40 23%18 23%56 24%34 25%12 25%50 26%28 27%06 27%44 28%22 29%00 29%38 00°17 00°56 01°34 02°13 02°51 03°30 04°09 04°46	Sappho 27≈34 28≈08 28≈43 29≈17 29≈52 00∺27 01∺01 01∺36 02∺11 02∺45 03∺20 03∺54 04∺29 05∺03 05∺38 06∺12 06∺47 07∺21 07∺56 08∺30 09∺05 09∺39 10∺13 10∺46	Psyche 23M-23 23M-17 23M-12 23M-06 23M-00 22M-53 22M-46 22M-39 22M-24 22M-16 22M-08 21M-59 21M-51 21M-42 21M-32 21M-32 21M-13 21M-03 20M-53 20M-42 20M-21 20M-11	Vesta 18 T 00 18 T 28 18 T 55 19 T 23 19 T 51 20 T 18 20 T 46 21 T 14 22 T 09 22 T 36 23 T 04 23 T 31 23 T 59 24 T 26 24 T 54 25 T 21 25 T 49 26 T 16 26 T 43 27 T 11 27 T 38 28 T 06 28 T 32	Chiron (24 & 29 24 & 32 24 & 35 24 & 39 24 & 46 24 & 49 24 & 53 24 & 57 25 & 00 25 & 04 25 & 08 25 & 11 25 & 5 & 15 25 & 31 25 & 35 25 & 39 25 & 43 25 & 47 25 & 54 1	Ophelia           11m36           11m20           11m13           11m06           10m59           10m47           10m41           10m36           10m31           10m27           10m15           10m12           10m09           10m05           10m04           10m01           10m01	Amor 23≈35 24≈08 24≈41 25≈13 25≈45 26≈17 26≈49 27≈20 27≈51 28≈22 28≈53 29≈23 29≈53 00±23 00±23 01±22 01±52 02±21 02±49 03±18 03±46 04±14 04±42 05±09	Astarte 06 I 56 07 I 16 07 I 36 07 I 56 08 I 17 08 I 37 08 I 58 09 I 18 09 I 39 10 I 00 10 I 21 10 I 41 11 I 02 11 I 24 11 I 45 12 I 06 12 I 27 12 I 49 13 I 10 13 I 32 13 I 53 14 I 15 14 I 36 14 I 57	24 II 38 24 II 56 25 II 14 25 II 33 25 II 51 26 II 10 26 II 29 26 II 48 27 II 07 27 II 26 27 II 45 28 II 04 28 II 24 29 II 03 29 II 23 29 II 43 00 \$ 03 00 \$ 23 00 \$ 44 01 \$ 04 01 \$ 24 01 \$ 45 02 \$ 05
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 *24 25	12:53 13:12 13:30 13:49 14:08 14:26 14:44 15:20 15:38 15:56 16:14 16:31 16:48 17:05 17:22 17:39 17:56 18:12 18:29 18:45 19:01 19:16 19:32	08 × 59 09 × 26 09 × 53 10 × 19 10 × 46 11 × 13 11 × 40 12 × 07 12 × 34 13 × 27 13 × 54 14 × 21 14 × 48 15 × 14 16 × 08 16 × 35 17 × 01 17 × 28 17 × 55 18 × 21 18 × 48 19 × 13 19 × 40	20%09 20%47 21%25 22%02 22%40 23%18 23%56 24%34 25%12 25%50 26%28 27%06 27%44 28%22 29%00 29%38 00°17 00°56 01°34 02°13 02°51 03°30 04°09 04°46 05°25	Sappho 27≈34 28≈08 28≈43 29≈17 29≈52 00∺27 01∺01 01∺36 02∺11 02∺45 03∺20 03∺54 04∺29 05∺03 05∺38 06∺12 06∺47 07∺21 07∺56 08∺30 09∺05 09∺39 10∺13 10∺46 11∺21	Psyche 23M-23 23M-17 23M-12 23M-06 23M-00 22M-53 22M-46 22M-39 22M-24 22M-16 22M-08 21M-59 21M-51 21M-42 21M-32 21M-32 21M-13 21M-03 20M-53 20M-42 20M-21 20M-11 19M-59	Vesta 18 T 00 18 T 28 18 T 55 19 T 23 19 T 51 20 T 18 20 T 46 21 T 14 22 T 09 22 T 36 23 T 04 23 T 31 23 T 59 24 T 26 24 T 54 25 T 21 25 T 49 26 T 16 26 T 43 27 T 11 27 T 38 28 T 06 28 T 32 28 T 59	Chiron (24 & 29 24 & 32 24 & 35 24 & 39 24 & 46 24 & 49 24 & 53 24 & 57 25 & 00 25 & 04 25 & 08 25 & 11 25 & 5 & 19 25 & 23 25 & 27 25 & 31 25 & 39 25 & 43 25 & 47 25 & 58 1 25	Ophelia           11m36           11m20           11m13           11m06           10m59           10m47           10m41           10m36           10m27           10m23           10m15           10m12           10m09           10m05           10m04           10m01           10m01	Amor 23≈35 24≈08 24≈41 25≈13 25≈45 26≈17 26≈49 27≈20 27≈51 28≈22 28≈53 29≈23 29≈53 00∺23 00∺23 00∺53 01∺22 01∺52 02∺21 02∺49 03∺18 03∺46 04∺14 04∺42 05∺09 05∺36	Astarte 06 I 56 07 I 16 07 I 36 07 I 56 08 I 17 08 I 37 08 I 58 09 I 18 09 I 39 10 I 00 10 I 21 10 I 41 11 I 02 11 I 24 11 I 45 12 I 06 12 I 27 12 I 49 13 I 10 13 I 32 13 I 53 14 I 15 14 I 36 14 I 57 15 I 19	24 II 38 24 II 56 25 II 14 25 II 33 25 II 51 26 II 10 26 II 29 26 II 48 27 II 07 27 II 26 27 II 45 28 II 04 28 II 24 29 II 03 29 II 23 29 II 43 00 \$ 03 00 \$ 23 00 \$ 44 01 \$ 04 01 \$ 24 01 \$ 45 02 \$ 05 02 \$ 25
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 *24	12:53 13:12 13:30 13:49 14:08 14:26 14:44 15:02 15:20 15:38 15:56 16:14 16:31 16:48 17:05 17:22 17:39 17:56 18:12 18:29 18:45 19:01 19:16	08 × 59 09 × 26 09 × 53 10 × 19 10 × 46 11 × 13 11 × 40 12 × 07 12 × 34 13 × 27 13 × 54 14 × 21 14 × 48 15 × 14 16 × 08 16 × 35 17 × 01 17 × 28 17 × 55 18 × 21 18 × 48 19 × 13	20%09 20%47 21%25 22%02 22%40 23%18 23%56 24%34 25%12 25%50 26%28 27%06 27%44 28%22 29%00 29%38 00°17 00°56 01°34 02°13 02°51 03°30 04°09 04°46	Sappho 27≈34 28≈08 28≈43 29≈17 29≈52 00∺27 01∺01 01∺36 02∺11 02∺45 03∺20 03∺54 04∺29 05∺03 05∺38 06∺12 06∺47 07∺21 07∺56 08∺30 09∺05 09∺39 10∺13 10∺46	Psyche 23M-23 23M-17 23M-12 23M-06 23M-00 22M-53 22M-46 22M-39 22M-24 22M-16 22M-08 21M-59 21M-51 21M-42 21M-32 21M-32 21M-13 21M-03 20M-53 20M-42 20M-21 20M-11	Vesta 18 T 00 18 T 28 18 T 55 19 T 23 19 T 51 20 T 18 20 T 46 21 T 14 22 T 09 22 T 36 23 T 04 23 T 31 23 T 59 24 T 26 24 T 54 25 T 21 25 T 49 26 T 16 26 T 43 27 T 11 27 T 38 28 T 06 28 T 32	Chiron (24 8 29 24 8 32 24 8 35 24 8 49 24 8 46 24 8 49 24 8 57 25 8 00 25 8 04 25 8 08 25 8 11 25 8 15 25 8 27 25 8 31 25 8 37 25 8 47 25 8 51 25 8 58 26 8 03	Ophelia           11m36           11m20           11m13           11m06           10m59           10m47           10m41           10m36           10m31           10m27           10m15           10m12           10m09           10m05           10m04           10m01           10m01	Amor 23≈35 24≈08 24≈41 25≈13 25≈45 26≈17 26≈49 27≈20 27≈51 28≈22 28≈53 29≈23 29≈53 00±23 00±23 01±22 01±52 02±21 02±49 03±18 03±46 04±14 04±42 05±09	Astarte 06 II 56 07 II 16 07 II 36 07 II 56 08 II 17 08 II 37 08 II 58 09 II 18 09 II 39 10 II 00 10 II 21 11 II 02 11 II 24 11 II 45 12 II 06 12 II 27 12 II 49 13 II 10 13 II 32 13 II 53 14 II 15 14 II 36 14 II 57	24 II 38 24 II 56 25 II 14 25 II 33 25 II 51 26 II 10 26 II 29 26 II 48 27 II 07 27 II 26 27 II 45 28 II 04 28 II 24 29 II 03 29 II 23 29 II 43 00 S 03 00 S 23 00 S 44 01 S 04 01 S 24 01 S 45 02 S 05 02 S 25 02 S 46

28	20≈18	20 € 59	07℃22	13¥03	19№25	00 8 21	26 & 11	1011704	06∺56	16 II 25	03&28
29	20≈33	21 € 26	08 <b>T</b> 01	13 <b>¥</b> 38	19 <b>I</b> 13	00 & 48	26 <del>8</del> 15	10 <b>m</b> 06	07¥23	16 X 47	03%49
30	20 <b>≈</b> 47	21升52	08Ƴ40	14 <b>光</b> 12	19№02	01 8 15	26 <del>8</del> 19	1011708	07発49	17 🛚 09	04%10
						***	Totarta				
				May 1	<b>983</b> , 00:0		<i>T starts</i> / York, Ne	w York, Lo	ongitude		
Day	Ceres	Juno	Eros S		Psyche		Chiron			Astarte	Erato
1	21≈02	22 <b> ±</b> 19	09Ƴ19	14 € 46	18M <sub>-</sub> 50	01842	26 8 23	10MP10	08升15	17 X 31	04831
2	21≈16	22 <b></b> ¥45	09ዅ58	15₩20	18MJ38	02 8 09	26 <del>8</del> 27	1011713	08¥40	17 <b>I</b> 53	04%52
3	21≈31	23¥12	10 <b>T</b> 38	15 <b>光</b> 54	18M <sub>25</sub>	02 8 36	26 8 32	10 <b>M</b> 216	09₩06	18 II 15	05%14
4	21≈45	23 € 38	11117	16 € 28	1810-13	03 8 03	26 8 36	101720	09€31	18 X 38	05835
5	21≈58	24 € 04	11 <sup>1</sup> 57	17¥02	18101	03 8 30	26 8 40	101723	09€56	19 II 00	05856
6 7	22≈12	24¥31	12 <b>T</b> 36	17¥36	17M49	03857	26 8 44	101127	10€20	19 II 22	06%18
8	22 <b>≈</b> 25 22 <b>≈</b> 39	24 × 57 25 × 23	13 <sup>1</sup> 16	18¥10 18¥44	17M36	04 8 24 04 8 51	26 8 49 26 8 53	10MP32	10¥45 11¥09	19 II 45 20 II 07	06%39 07%01
9	22≈52	25¥50	14T36	19¥18	1711024 1711011	05 g 18	26 8 57	1011737	11 <del>X</del> 32	20 II 30	07 56 7
10	23≈04	26¥16	15 <b>T</b> 16	19¥52	16№59	05 8 45	27801	1011747	11 <del>X</del> 56	20 X 52	07825
11	23≈17	26¥42	15介56	20¥26	16№47	06 8 12	27 8 06	1011753	12 <b></b> €19	21 X 15	08280
12	23≈29	27 € 08	16Ƴ36	21¥00	16№34	06 8 39	27 8 10	1011759	12₩42	21 🛚 37	08\$28
13	23 <b>≈</b> 41	27 €34	17Ƴ16	21 <b>光</b> 33	16№22	07 8 06	27 8 14	1111706	13₩05	22 X 00	08\$50
14	23≈53	28 € 00	17 <b>T</b> 56	22€07	1610-10	07 8 33	27 8 19	1111713	13€27	22 II 23	09812
15	24≈05	28¥26	18 <b>T</b> 36	22¥41	15M-57	07859	27 8 23	1111720	13 <del>¥</del> 50	22 II 45	09834
16	24×16	28¥52	19 <b>1</b> 7	23¥14	15M45	08 & 26 08 & 53	27 8 27 27 8 31	1111727	14 <b>€</b> 12	23 II 08 23 II 31	09856
17 18	24 <b>≈</b> 27 24 <b>≈</b> 38	29¥18 29¥43	19か57 20か38	23¥48 24¥21	15M33 15M21	08 8 33	27 8 36	11M735 11M743	14 <b>¥</b> 33 14 <b>¥</b> 55	23 II 54	10%19 10%41
19	24 <b>≈</b> 38	29, <del>743</del> 00 <b>↑</b> 10	21 T 18	24 <del>X</del> 21	15M <sub>2</sub> 1	09 8 46	27 8 40	1111743	15 <del>X</del> 16	24 II 17	11803
20	24≈59	00 T 36	21个59	25 <b>X</b> 28	14№57	10 8 12	27 8 44	1211700	15₩36	24 II 39	119325
21	25≈09	01 <b>T</b> 01	22个40	26 € 01	14M-46	10 8 39	27 8 49	1211708	15₩57	25 II 02	11%48
22	25≈19	01℃27	23℃21	26 <b>X</b> 35	14№34	11805	27 8 53	1211/18	16 € 17	25 II 25	12810
23	25≈29	01℃53	24个02	27¥08	14№23	11 8 32	27 8 57	121127	16₩37	25 🛚 48	12532
24	25≈38	02 <b>°</b> 18	24 7 4 3	27¥41	141112	11858	28 8 02	121737	16 € 56	26 X 11	12855
25	25 <b>≈</b> 48	02 <b>T</b> 44	25 <b>↑</b> 24	28¥14	14M·01	12 8 25	28 8 06	121747	17 <b></b> €16	26 II 34	135617
26	25≈56 26≈05	03T09 03T35	26个05 26个46	28¥47 29¥19	13M·50	12851	28 8 10	12MP57 13MP07	17 <b>¥</b> 35 17 <b>¥</b> 53	26 II 57	13540
27 28	26≈05 26≈13	03°1°35 04°T00	26 T 46	29 <del>X</del> 19 29 <del>X</del> 52	13M <sub>2</sub> 39	13 8 17 13 8 43	28 8 15 28 8 19	1311707	18 <del>¥</del> 12	27 II 20 27 II 43	14%02 14%25
29	26 <b>≈</b> 21	04 T 00 04 T 26	28T09	00T26	13MJ18	14 8 10	28 8 23	1311/10	18 <del>¥</del> 30	28 II 06	14323
30	26≈29	04T20	28T51	00 T 20	13M <sub>0</sub> 08	14 8 36	28 8 27	131740	18 <b>±</b> 48	28 II 30	15%10
31	26≈37	05介16	29个32	01 <b>T</b> 31	12№58	15 8 02	28 8 32	131752	19₩05	28 <b>II</b> 53	15%33
			_				v York, Ne				
	Ceres	Juno			Psyche		Chiron			Astarte	Erato
1	26 <b>≈</b> 44	05 <b>T</b> 41	00 8 14	02T04	12M49	15828	28 8 36	141704	19€22	29 II 15	15%56
3	26≈51 26≈57	06Ƴ07 06Ƴ32	00 8 56 01 8 38	02T36 03T09	12M39 12M30	15 8 54 16 8 20	28 8 40 28 8 45	14M716 14M728	19¥39 19¥56	29 II 39 00 S 02	16%19 16%41
4	26≈57 27≈04	06°1°32 06°1°57	02820	03°1°09 03°1°41	12II630 12M-21	16 8 46	28 8 49	1411728	20 <del>X</del> 12	00%02	17804
5	27 <b>≈</b> 04	00 T 37 07 <b>~</b> 22	03 8 03	04 <sup>1</sup> 13	12M·13	17 8 12	28 8 53	14M753	20 <del>X</del> 27	00323	17 304
6	27≈15	07介46	03 8 45	04↑45	1211010	17 8 38	28 8 57	15MP06	20€43	019312	17950
7	27≈21	08Ƴ11	04827	05Ƴ18	11№56	18 8 03	29 8 01	15 <b>M</b> 219	20発58	01535	185613
8	27 <b>≈</b> 26	08 <b>T</b> 36	05 წ 10	05 <b>T</b> 50	1111049	18 <del>8</del> 29	29 8 05	151732	21⊛13	01%58	18\$36
9	27≈31	09℃01	05852	06℃22	1111141	18 8 55	29 8 09	15MP46	21€27	02822	18859
10	27≈35	09 <b>↑</b> 25	06 8 35	06 <b>↑</b> 53	1111034	19821	29 8 13	161700	21 <del>X</del> 41	02%45	19822
11	27 <b>≈</b> 39	09T50	07 8 18	07 <b>↑</b> 25	111127	19846	29 8 18	16M714	21¥55	03808	19845
<b>12</b> 13	27 <b>≈</b> 43 27 <b>≈</b> 46	10 <sup>14</sup>	08 8 01 08 8 44	07 <b>T</b> 57	11M20 11M14	20 8 12 20 8 37	29 8 22 29 8 26	16MP28 16MP42	22¥08 22¥21	03%32 03%55	20\&08 20\&31
14	27 <b>≈</b> 40 27 <b>≈</b> 50	11 T 03	09 8 27	08 1 28 09 <b>T</b> 00	11M08	21803	29 8 30	1611742	22 <del>X</del> 21	03 3 3 3 3	20351
15	27 <b>≈</b> 52	11 <sup>27</sup>	10810	09 <b>T</b> 31	1111002	21828	29 8 34	17MP12	22¥46	04%42	219317
16	27≈55	11 <b>°</b> 51	10 <del>8</del> 54	10 <b>°</b> 02	10№57	21853	29 8 38	17M27	22∺58	05805	21%40
17	27≈57	12 <b>°</b> 15	11 8 37	10 <b>T</b> 33	10№52	22 <del>8</del> 19	29 & 42	1711942	23₩09	05%28	22%03
18	27≈59	12Ƴ39	12821	11Ƴ04	10№47	22844	29 8 46	17MP57	23¥20	05%52	22526
19	28≈00	13 <sup>1</sup> 03	13804	11个35	1010-42	23 8 09	29 8 50	181713	23€31	06%15	22850
20	28≈01	13 <sup>27</sup>	13 8 48	12 <b>°</b> 06	101138	23 8 34	29 8 54	181729	23¥41	06839	23%13
21	28≈02	13 <b>°</b> 51	14832	12 <b>°</b> 37	10M34	23 8 59	29 8 58	18M745	23¥51	07802	23536
22 23	28 <b>≈</b> 02 28 <b>≈</b> 02	14个14 14个38	15 8 16 16 8 00	13か07 13か38	10M31 10M28	24 8 24 24 8 49	00 II 02 00 II 06	19MP01 19MP17	24¥00 24¥09	07 <b>%</b> 25 07 <b>%</b> 49	23\\$59 24\\$22
24	28 <b>≈</b> 02	14 T 36 15 T 01	16845	14 T 08	1011628 1011625	25 8 14	00 II 00	1911/17	24 <del>X</del> 09	08 % 12	24 % 22
<b>∠</b> 4	20~02	10101	10 0 43	14 1 00	TUHUZO	ZJ U 14	ООТІО	1311133	<b>2</b> 4页 [ ]	UU 30 12	Z+ 5040

25	28≈01	15 <b>°</b> 24	17 <del>8</del> 29	14 <b>T</b> 38	10M-22	25 8 39	00 II 14	19 <b>17</b> 50	24∺25	08\$36	25%09
26	28≈00	15Ƴ47	18 8 14	15 <b>T</b> 08	10№20	26 8 03	00 II 18	20MP07	24 <b> 3</b> 3	08\$59	25%32
27	27≈59	16 <b>°</b> 11	18 <del>8</del> 58	15 <b>T</b> 38	10MJ18	26 <del>8</del> 28	00 X 21	20M24	24∺40	09\$22	25%55
28	27≈57	16 <b>°</b> 33	19843	16 <b>T</b> 08	10MJ16	26 g 53	00 II 25	20MP41	24∺47	09\$346	26%19
29	27≈55	16 <b>Υ</b> 56	20 8 28	16 <b>°</b> 37	10MJ5	27 <del>8</del> 17	00 X 29	20M758	24 <b>光</b> 54	10ജ09	26%42
30	27≈53	17 <b>°</b> 19	21 8 13	17 <b>°</b> 07	10114		00 X 33	21MP15	24 <del>X</del> 59	10533	27805
							v York, Ne				
Day	Ceres	Juno	Eros S	Sappho	Psyche	Vesta	Chiron	Ophelia	Amor	Astarte	Erato
1	27≈50	17 <b>°</b> 42	21 8 58	17 <b>Ƴ</b> 36	10M-14	28 & 06	00 X 36	21MP33	25₩05	10556	27528
2	27≈47	18 <b>个</b> 04	22 8 43	18 <b>°</b> 05	10MJ3	28 8 30	00 X 40	21 <b>m</b> /50	25 <b> ±</b> 10	115319	27952
3	27≈43	18Ƴ27	23 8 29	18 <b>T</b> 34	10M-13	28 8 55	00 II 43	22M708	25 € 14	115343	289315
4	<b>27≈</b> 39	18Ƴ49	24 8 14	19 <b>T</b> 03	10MJ4	29 8 18	00 II 47	22 <b>17</b> 26	25 € 18	12506	28%38
5	27≈35	19 <b>°</b> 11	25 8 00	19 <b>T</b> 32	10MJ4	29 8 42	00 X 50	22M744	25₩22	12530	29%01
6	27≈31	19 <b>°</b> 33	25 & 46	20℃00	10M-15	00 II 07	00 II 54	2311702	25₩25	12553	29\$24
7	27≈26	19Ƴ55	26 <del>8</del> 32	20↑29	10 <b>‰</b> 17	00 X 31	00 X 57	231721	25₩27	135316	29\$347
8	27≈20	20介17	27 <del>8</del> 18	20介57	10MJ18	00 II 55	01 X 01	23 <b>m</b> 39	25 <b>X</b> 30	135340	00&11
9	27≈15	20Ƴ38	28 & 04	21个25	10M <sub>2</sub> 0	01 II 19	01 II 04	23MP58	25¥31	145603	00ഹ35
10	27≈09	21℃00	28 <del>8</del> 50	21个53	10M-22	01 II 42	01 II 08	24MP17	25¥32	14526	00&58
11	27≈02	21↑21	29 <del>8</del> 36	22℃21	10№25	02 <b>I</b> 06	01 X 11	24MP36	25 <b>光</b> 33	14950	01&21
12	26≈56	21个42	00 <b>I</b> 23	22 <b>T</b> 48	10№28	02 <b>I</b> I 29	01 X 14	24M755	25 <b>3</b> 3	15%13	01&44
13	26≈49	22Ƴ03	01 X 10	23 <b>T</b> 15	10№31	02 <b>I</b> 53	01 X 17	25MP14	25₩32	15&36	02&08
14	26≈41	22℃24	01 II 57	23个42	1011634	03 II 16	01 🛚 21	25MP33	25 <b>X</b> 31	16800	02&31
15	26≈34	22 <b>T</b> 45	02 <b>II</b> 43	24 <b>T</b> 09	10M-38	03 II 40	01 II 24	25M752	25 <b> 3</b> 0	16523	02&54
16	26 <b>≈</b> 26	23℃05	03 X 31	24Ƴ36	10№42	04 II 03	01 II 27	26 <b>M</b> 12	25₩28	165346	03
17	26≈17	23℃25	04 II 18	25℃02	10№47	04 II 26	01 X 30	26MP31	25 <b>X</b> 25	175310	03&41
18	26≈09	23Ƴ45	05 <b>I</b> 05	25↑29	10M-51	04 II 49	01 <b>I</b> I 33	26M751	25₩22	17533	04&04
19	26≈00	24 <b>T</b> 05	05 <b>I</b> 53	25Υ55	10№56	05 II 12	01 <b>I</b> I 36	27MP11	25升18	17556	04&27
20	25≈51	24↑25	06 X 40	26℃20	11ሙ01	05 II 35	01 X 39	27MP31	25 € 14	185619	04&50
21	25≈41	24Ƴ45	07 II 28	26 <b>T</b> 46	11№07	05 II 58	01 II 42	27 <b>m</b> /51	25₩09	185642	05&14
22	25≈32	25Ƴ04	08 X 16	27介11	111113	06 II 20	01 II 44	28MP11	25₩04	193606	05&37
23	25≈22	25℃24	09 II 04	27Ƴ36	1111019	06 II 43	01 X 47	28MP31	24∺58	19\$29	06&00
24	25≈11	25Ƴ43	09 II 52	28 <b>T</b> 01	11M <sub>25</sub>	07 II 05	01 X 50	28M751	24 <del>¥</del> 52	19352	06&23
25	25≈01	26℃01	10 X 40	28↑26	11№32	07 II 28	01 X 53	29MP11	24∺45	209315	06&46
26	24≈50	26℃20	11 II 29	28 <b>T</b> 50	111139	07 II 50	01 X 55	29 <b>m</b> 32	24 <b>X</b> 38	20338	07&10
27	<b>24≈</b> 39	26Ƴ39	12 II 17	29介14	11№46	08 II 12	01 X 58	29 <b>m</b> 52	24 <b>¥</b> 30	21&01	07&33
28	24≈28	26介57	13 <b>I</b> I 06	29 <b>T</b> 38	11№53	08 II 34	02 X 00	00≏14	24∺21	21524	07&56
29	24≈16	27 <b>Υ</b> 15	13 <b>II</b> 55	00 8 02	12M <sub>-</sub> 01	08 II 56	02 X 03	00 <b>≏</b> 34	24 € 12	215647	08ഹ 19
30	24≈05	27Ƴ33	14 II 44	00 8 25	12M <sub>0</sub> 09	09 II 18	02 <b>I</b> 05	00 <b>≏</b> 55	24₩03	22%11	08&42
31	23≈53	27介50	15 II 33				02 II 08				09გ05
			_				ew York, N				
Day	Ceres	Juno			Psyche		Chiron			Astarte	Erato
1	23≈41	28 ↑ 08	16 II 22	01811	121125	10 X 01		01-237	23€42	22557	09&28
2	23≈28	28 <sup>25</sup>	17 II 12	01834		10 II 23	02 II 12	01 <b>-</b> 58	23¥31	23519	09&51
3	23 <b>≈</b> 16	28 741	18 X 01	01856	121143	10 II 44	02 II 15	02-19	23 € 20	23542	10Ω14
4	23 <b>≈</b> 03	28 T 58	18 II 51	02 8 18	12M-52	11 II 06	02 II 17	02-41	23¥08	24805	10Ω37
5	22≈51	29 <sup>1</sup> 14	19 π 41	02839	13№01	11 X 27	02 II 19	03-202	22 <del>¥</del> 55	24%28	11&00
6	22 <b>≈</b> 38	29 T 30	20 II 31	03 8 01	13M-11	11 II 48	02 II 21	03-24	22¥42	24851	11Ω23
7	22≈25	29 7 46	21 II 21	03 8 22	13M21	12 II 09	02 II 23	03-45	22¥28	25%14	11&46
8	22 <b>≈</b> 12 21 <b>≈</b> 59	00 8 02	22 II 11 23 II 02	03842	13M-31	12 II 29 12 II 50	02 II 25	04-207	22¥14	25%37	12Ձ09 12Ձ32
10	21≈59 21≈46	00 8 17		04802	13M-41		02 Π 27	04 <b>≏</b> 28 04 <b>≏</b> 50	22¥00	26800	
10 11		00 8 32	23 II 52	04822	13M-52	13 II 11	02 II 29		21¥45	26522	12Ω55
12	21 <b>≈</b> 33 21 <b>≈</b> 19	00 8 47	24 II 43 25 II 33	04842	14M-03	13 X 51	02 II 31	05 <b>△</b> 12 05 <b>△</b> 34	21¥29	26%45	13Ω18
13	21≈19	01 8 01 01 8 15	26 II 24	05 8 01 05 8 20	14ጤ14 14ጤ25	13 X 51 14 X 11	02 II 32 02 II 34	05 <b>=</b> 34 05 <b>≏</b> 56	21¥13 20¥57	27%08 27%30	13&41 14&03
14	20≈53	01819	27 II 15	05839	14MJ6	14 X 11	02 11 34	05 <u>=</u> 36 06 <u></u> 18	20 <del>X</del> 37	27 % 53	14 <i>Q</i> 26
15	20≈33	01829	28 II 07	05 8 57	14MJ48	14 II 51	02 II 30	06 <u>≃</u> 18	20 <del>X</del> 41	28 % 15	14 <sub>0</sub> / <sub>20</sub>
16	20 <b>≈</b> 40 20 <b>≈</b> 26	01856	28 II 58	05 05 7 06 8 15	15M·00	15 X 11	02 II 37	00 <b>=</b> 40 07 <b>≏</b> 02	20 <del>X</del> 23	28%38	15Ω12
17	20 <b>≈</b> 20 20 <b>≈</b> 13	02809	29 II 49	06832	15/lt/00	15 X 11	02 II 40	07 <b>=</b> 02 07 <b>≏</b> 24	19 <del>¥</del> 48	29800	15ω34
18	20≈13	02821	00%41	06 8 49	15M24	15 X 50	02 II 40	07 <b>=</b> 24 07 <b>≏</b> 47	19 <del>X</del> 40	29822	15&57
19	19 <b>≈</b> 47	02 8 33	01%33	07805	15M36	16 X 09	02 II 43	07 <u>-</u> 47	19 <del>X</del> 12	29845	16Ω20
20	19≈47	02 8 45	02824	07822	15/lu30	16 X 28	02 11 43	08 <b>=</b> 09	18 <del>¥</del> 53	00 გ 08	16 <sub>Ω</sub> 42
21	19≈34	02857	03816	07837	16M·02	16 II 47	02 11 44	08 <del>2</del> 54	18 <del>¥</del> 34	00 <sub>2</sub> 00	17Ω05
22	19≈21	03 8 08	04809	07 8 53	16MJ5	17 X 06	02 11 46	09 <b>-</b> 34	18 <del>¥</del> 15	00&50 00&52	17 Ω 27
23	18 <b>≈</b> 55	03 8 19	05801	07 0 33 08 8 08				09 <b>—</b> 10 09 <b>—</b> 39	17¥56		
	I GITT OU	VV V 17	VVVVI	~~~~~	· IUUVZU		- V - H - T /				

24	18 <b>≈</b> 43	03 8 29	05\$53	08 8 22	16M-42	17 II 43	02 II 48	10-202	17₩36	01&37	18 ົ 2 12
25	18≈30	03 X 39	06\$46	08 <del>8</del> 36	16№55	18 X 01	02 II 49	10-24	17 <b></b> € 16	01굁59	18ഹ35
26	18 <b>≈</b> 18	03 <del>8</del> 49	07\$38	08 8 50	17ሙ09	18 II 19	02 X 50	10-247	16 <b></b> €56	02&21	18&57
27	18 <b>≈</b> 06	03 <del>8</del> 58	08&31	09803	17M <sub>2</sub> 3	18 II 37	02 <b>I</b> I51	11 <b>△</b> 10	16₩36	02&43	19ഹ 19
28	17≈54	04 8 07	09&24	09 წ 15	17ጤ37	18 <b>I</b> I 55	02 <b>I</b> 52	11 <b>△</b> 33	16₩16	03&05	19&42
29	17≈42	04 <del>8</del> 15	109317	09 8 28	17ጤ51	19 II 12	02 <b>I</b> 53	11 <b>≏</b> 55	15₩55	03&27	20&04
30	17≈30	04 <del>8</del> 23	115610	09 X 39	18M <sub>-</sub> 06	19 II 30	02 X 53	12 <b>≏</b> 18	15 <b>X</b> 35	03&49	20പ്പ26
31	17 <b>≈</b> 19	04 B 31	125603	09851	18M <sub>2</sub> 0	19 II 47	02 🛚 54	12-41	15 <b></b>		20&48
_	_						New York				
Day	Ceres	Juno		Sappho	_	Vesta	Chiron	•	Amor	Astarte	Erato
1	17 <b>≈</b> 08	04838	12856	10801	181035	20 11 04	02 II 54	13 <b>≏</b> 04	14€53	04Ω33	21&11
2	16≈57	04 8 45	13950	10 8 11	181150	20 11 21	02 II 55	13-27	14¥33	04Ω54	21&33
3	16 <b>≈</b> 46	04852	145643	10 8 21	19105	20 II 37	02 X 55	13-251	14€12	05Ω16	21&55
4	16 <b>≈</b> 35	04857	15937	10 8 30	19M <sub>2</sub> 0	20 II 54	02 II 55	14-2-14	13¥52	05Ω38	22 Ω 17
5	16 <b>≈</b> 25	05 8 03	16931	10 8 39	1910.53	21 II 10	02 II 56	14 <u>~</u> 37	13¥31	05Ω59	22&39
6	16 <b>≈</b> 15	05 8 08	17 <b>%</b> 25 18 <b>%</b> 19	10847	191052	21 II 26	02 II 56	15 <b>-</b> 00	13€11	06 ე 4 ე	23&01
7 8	16≈06	05 8 13 05 8 17		10 8 54	20M <sub>0</sub> 7	21 X 42	02 II 56 02 II 56	15 <b>≏</b> 23 15 <b>≏</b> 47	12¥50 12¥30	06Ω42	23 0 44
9	15 <b>≈</b> 56 15 <b>≈</b> 47	05 8 20	19%13 20%07	11 8 01 11 8 08	2011G23	21 II 57 22 II 13	02 II 56	16 <u>~</u> 10	12 <del>X</del> 30	07ብ04 07ብ25	23&44 24&06
10	15 <b>≈</b> 47	05 8 23	21801	11 8 14	20M55	22 II 28	02 1 56	16=10 16=34	11 <del>X</del> 50	07 & 25	24∂208 24∂28
11	15 <b>≈</b> 30	05 8 26	21856	11819	21M·12	22 II 43	02 II 56	16 <b>-</b> 57	11 <del>X</del> 30	07 82 40 08 Q 08	24 <i>θ</i> (20 24 <i>θ</i> (49
12	15 <b>≈</b> 30	05 8 28	22850	11824	2111012	22 II 57	02 II 56	10 <b>—</b> 37 17 <b>≏</b> 20	11 <del>X</del> 11	08 <sub>2</sub> 29	25Ω11
13	15≈14	05 8 30	23%45	11 8 28	2111045	23 II 12	02 1 55	17 <b>-</b> 26	10 <del>¥</del> 51	08Ω50	25&33
14	15≈07	05 8 31	249340	11831	22M02	23 11 26	02 1 55	18 <b>-</b> 207	10€32	09Ω11	25 <i>Q</i> 54
15	14≈59	05 X 32	25%34	11834	22M·19	23 II 40	02 X 55	18-231	10¥14	09&32	26 <i>Q</i> 16
16	14≈53	05 X 32	26%29	11 8 37	22№36	23 II 54	02 X 54	18≏55	09₩55	09&53	26&37
17	14≈46	05 8 32	27524	11 8 39	22№53	24 II 07	02 II 54	19 <b>≏</b> 18	09₩37	10Ω14	26 ე 58
18	14≈40	05 8 31	289319	11840	23№10	24 II 20	02 II 53	19 <b>≏</b> 42	09 € 19	10 $\Omega$ 34	27&20
19	14≈34	05 8 30	298514	11 8 40	23№27	24 II 33	02 II 52	20-206	09₩02	10ഹ55	27&41
20	14≈29	05 8 28	00 გ 10	11 8 40	23№45	24 II 46	02 X 52	20-29	08 <b></b>	11Ω15	28&02
21	14≈24	05 8 26	01굁05	11 8 40	24№03	24 II 58	02 <b>I</b> 51	20 <b>≏</b> 53	08¥28	11ഹ36	28പ്പ23
22	14≈19	05 წ 23	02&00	11 8 39	24№20	25 II 10	02 X 50	21 <b>≏</b> 17	08升12	11Ձ56	28&44
23	14≈15	05 g 20	02&56	11 8 37	24№38	25 II 22	02 II 49	21 <b>-</b> 241	07₩56	12ᡚ17	29굁05
24	14≈11	05 ႘ 16	03&51	11 8 34	24№56	25 II 34	02 II 48	22 <b>-</b> 204	07₩40	12ഹ37	29 გ 25
25	14≈07	05 8 12	04Ω47	11831	25M₁5	25 II 45	02 II 47	22 <b>≏</b> 28	07 <b>€</b> 25	12Ω57	29&46
26	14≈04	05807	05&42	11 8 28	25€33	25 II 56	02 II 46	22 <b>≏</b> 52	07₩10	13Ω17	00 <b>m</b> 207
27	14≈01	05802	06&38	11824	25€51	26 II 07	02 11 45	23-216	06₩56	13Ω37	00MP28
28	13 <b>≈</b> 58	04 8 56	07Ω34	11 8 19	26M-10	26 II 17	02 X 44	23-240	06€42	13Ω57	00MP49
29		04850		11 8 14			02 II 42	24-204		14Ω17	
30	13≈54	04844	09&26	11 8 08 October	26M47	26 II 37	02 II 41 ew York, N		06 <b></b> € 15	14£36	01111930
Day	Coros	luno			Psyche		Chiron				Erato
Day 1	Ceres 13≈53	<b>Juno</b> 04 & 36	Eros 3 10 $\Omega$ 22	11 8 01	27M06	26 II 46	02 II 40	24 <b>≏</b> 52	06¥03	Astarte 14Ω56	01MP50
2	13≈52	04 8 29	11Ω18	10854	27M25	26 II 55	02 II 40	25 <b>≏</b> 16	05 <del>X</del> 53	15Ω15	0211730
3	13 <b>≈</b> 52	04821	12Ω14	10 8 46	27M44	27 II 04	02 II 37	25 <del>-</del> 40	05 <del>)</del> (31	15&35	0211710
4	13≈51	04812	13Ω10	10 8 38	2811044	27 II 13	02 II 35	26 <b>-</b> 04	05 <del>¥</del> 28	15Ω54	021751
5	13≈51	04803	14&06	10 8 30	28M-22	27 II 21	02 X 34	26-28	05¥18	16Ω13	0311711
6	13≈51	03 8 54	15&02	10 8 20	28M-41	27 II 29	02 X 32	26-52	05¥07	16Ω32	0311731
7	13≈52	03 8 44	15 $_{\Omega}$ 59	10 8 11	29№00	27 II 36	02 II 30	27 <b>≏</b> 16	04∺58	16Ձ51	03 <b>m</b> 251
8	13≈53	03 8 34	16Ձ55	10 8 00	29№20	27 II 43	02 <b>I</b> 28	27 <b>≏</b> 40	04¥49	17 ົ 10	04M211
9	13≈54	03 8 23	17Ձ51	09 <del>8</del> 50	29№40	27 II 50	02 X 26	28-204	04¥40	17Ω29	0411730
10	13≈56	03 <del>8</del> 12	18Ձ47	09 <del>8</del> 39	29№59	27 II 56	02 X 24	28-28	04₩32	17ብ48	04M250
11	13≈58	03 8 01	19ഹ44	09 8 27	00≯720	28 X 02	02 <b>I</b> 23	28 <b>≏</b> 52	04∺24	18ഹ06	05MP10
12	14≈01	02 წ 50	20&40	09 ႘ 15	00≯740	28 II 08	02 X 20	29 <b>≏</b> 16	04升17	18ູ 24	05 <b>17</b> 29
13	14≈04	02 <del>8</del> 38	21&37	09 g 03	01≯700	28 II 13	02 II 18	29-40	04 € 10	18Ω43	05 <b>M</b> 248
14	14≈07	02 <del>8</del> 25	22&33	08 <del>8</del> 50	01₹20	28 II 18	02 II 16	00M05	04₩04	19გ01	06 <b>m</b> 208
15	14≈10	02 8 13	23&29	08 8 37	01740	28 11 22	02 II 14	00M29	03¥58	19Ω19	06MP27
16	14≈14	02800	24&26	08 8 23	02700	28 11 26	02 II 12	00 <b>€</b> 53	03 <del>¥</del> 53	19Ω37	06MP46
17	14≈18	01847	25&22	08 8 10	02×20	28 II 30	02 II 10	01M17	03€48	19Ω54	07M205
18	14 <b>≈</b> 23	01834	26Ω19	07 8 55	02×741	28 🛚 33	02 X 07	01M41	03€44	20Ω12	07M24
19	14≈28	01821	27 Ω 15	07841	03×701	28 II 36	02 11 05	021105	03¥40	20Ω30	071742
20	14 <b>≈</b> 33	01807	28 Ω 12	07 8 27	03×722	28 II 38	02 II 02	02M29	03¥37	20 Ω 47	081701
21	14 <b>≈</b> 38	00 8 54	29Ω08	07 8 12	03×742	28 II 40	02 II 00	02M53	03¥34	21&04	081120
22	14≈44	00 X 40	00M205	06 გ 57	04×703	28 II 42	01 X 57	03⋒₁18	03₩32	21&21	08 <b>11</b> 738

23	14≈50	00 <del>8</del> 26	0111701	06 8 42	04≯724	28 II 43	01 <b>I</b> 55	03№42	03 <b>¥</b> 30	21&38	08 <b>m</b> 256
24	14≈57	00 ႘ 12	01 <b>m</b> 257	06 <del>8</del> 27	04≯745	28 II 44	01 II 52	04№06	03¥28	21&55	09 <b>1</b> 715
25	15≈04	29介58	02 <b>m</b> 54	06 ႘ 12	05≯706	28 II 44	01 <b>I</b> I 50	04M <sub>3</sub> 0	03₩27	22&11	09 <b>m</b> 23
26	15≈11	29Ƴ44	03 <b>m</b> /50	05 <del>8</del> 57	05≯27	28 II 44	01 II 47	04№54	03₩27	22&28	09 <b>m</b> 751
27	15≈18	29Ƴ30	04MP47	05841	05≯748	28 II 44	01 II 44	05№18	03₩26	22ᡚ44	1011709
28	15≈26	29介16	05MP43	05 8 26	06×709	28 II 43	01 II 42	05№42	03₩27	23Ω00	101726
29	15≈34	29 ↑03	06MP40	05 8 11	06×730	28 🛚 41	01 II 39	06M <sub>06</sub>	03 € 27	23 Ω 16	101744
*30	15 <b>≈</b> 42	28 <b>T</b> 49	0711738	04855	06×753	28 II 39	01 II 36	06M32	03¥28	23&32	1111702
31	15≈51	28 <b>T</b> 35	08 <b>11</b> 735	04 8 40	07≯14	28 II 37	01 X 33	06M56	03¥30	23&48	111119
							ST ends			_	
_								, New York			_
Day	Ceres	Juno		Sappho	-	Vesta	Chiron	-	Amor	Astarte	Erato
1	16 <b>≈</b> 00	28 <b>T</b> 22	091731	04824	07×735	28 II 34	01 X 30	07M20	03¥32	24&04	1111737
3	16 <b>≈</b> 09 16 <b>≈</b> 18	28 T 08 27 T 55	10MP27 11MP23	04 8 10 03 8 55	07≯757 08≯718	28 II 31 28 II 28	01 X 27 01 X 24	07 <b>ሙ</b> 44 08 <b>ሙ</b> 08	03¥34 03¥37	24&19 24&34	11MP54 12MP11
4	16 <b>≈</b> 18	27 T 33	1211/23	03 8 40	08740	28 II 24	01 X 24	08M32	03 <del>X</del> 37	24&34 24&49	1211/11
5	16 <b>≈</b> 28	27 T 32	131726	03 8 26	09×102	28 II 19	01 X 18	08M-56	03) <del>C</del> 40		121720
6	16≈48	27 T 17	141712	03 8 12	09724	28 II 14	01 II 15	09№20	03 <b>X</b> 48	25 Ω 18	131701
7	16≈58	27 <b>T</b> 05	1511708	02 8 58	09745	28 II 09	01 II 12	09MJ44	03¥52	25 Ω 32	1311717
8	17≈09	26介54	161704	02844	10≯707	28 X 03	01 II 09	10№08	03 <b>光</b> 57	25Ω46	1311733
9	17≈20	26Ƴ42	17 <b>11</b> 700	02831	10⊀29	27 II 56	01 <b>I</b> I06	10№32	04¥02	26Ձ00	131749
10	17≈31	26 <b>T</b> 31	1711755	02 წ 18	10≯751	27 II 50	01 <b>I</b> I 03	10№56	04₩07	26 ე 14	14MP05
11	17≈43	26℃20	181751	02806	11713	27 II 42	01 II 00	11№20	04 <b>¥</b> 13	26 ე 27	1411721
12	17≈54	26 <b>T</b> 10	19 <b>1</b> 7	01854	117/35	27 II 35	00 II 56	111144	04⊛19	26&41	14MP37
13	18≈06	26 100	20MP43	01842	11 7 57	27 II 27	00 II 53	121108	04¥26	26 Ω 54	141752
14	18 <b>≈</b> 19	25 <b>T</b> 51	2111738	01831	12720	27 II 18	00 II 50	12M-32	04¥32	27Ω06	1511708
15 16	18 <b>≈</b> 31 18 <b>≈</b> 44	25 <b>T</b> 42	22M734 23M729	01820	12×742	27 X 00	00 II 47	12 <b>ル</b> 56 13 <b>ル</b> 19	04¥40	27 Ω 19	1511723
17	18 <b>≈</b> 57	25 T 35 25 T 25	24MP24	01 8 10 01 8 00	13≯704 13≯726	27 II 00 26 II 50	00 X 44 00 X 40	1311619	04¥47 04¥55	27&31 27&44	15MP38 15MP53
18	10 <b>≈</b> 37 19 <b>≈</b> 10	25 T 25 25 T 18	25MP20	00 8 50	13×20	26 II 40	00 X 37	14M <sub>0</sub> 7	05¥03	27 £ 55	1611707
19	19≈23	25 <b>↑</b> 10	26M715	00 8 42	14×711	26 II 30	00 II 34	14MJ31	05 <b>X</b> 11	28Ω07	1611722
20	19≈36	25 104	27MP10	00 8 33	14×34	26 II 19	00 X 31	14M-55	05¥20	28 Ω 18	161736
21	19 <b>≈</b> 50	24介58	28 <b>17</b> 05	00 8 25	14⊀756	26 II 08	00 II 27	15 <b>‰</b> 18	05₩29	28&30	16 <b>m</b> 250
22	20≈04	24 <b>T</b> 52	29 <b>17</b> 00	00 X 18	15⊀19	25 II 56	00 II 24	15№42	05 <b>X</b> 38	28&41	17 <b>11</b> 04
23	20≈18	24 1 47	29M754	00 წ 11	15≯741	25 II 44	00 X 21	16№06	05∺48	28굁51	17 <b>1</b> 18
24	20≈33	24 <b>T</b> 43	00 <b>-</b> 49	00 8 05	16≯704	25 II 32	00 II 17	16M <sub>2</sub> 9	05 <del>¥</del> 58	29გ01	17 <b>17</b> 31
25	20≈47	24 ↑ 39	01-244	29介58	16×727	25 II 19	00 II 14	16M-53	06₩08	29Ω11	171745
26		24 T 36		29 T 53	16×749						171758
27 28	21 <b>≈</b> 17 21 <b>≈</b> 32	24 T 33	03 <b>△</b> 33 04 <b>△</b> 27	29 <b>T</b> 48	17 <sup>★</sup> 12 17 <sup>★</sup> 35	24 II 53 24 II 40	00 X 08 00 X 04	17M-40 18M-03	06¥29 06¥40	29&31 29&40	18M711 18M724
29	21 <del>×3</del> 2 21 <del>×</del> 47	24 T 3 T	04 <u>=</u> 27	29 T 44 29 T 41	17 🛪 58	24 II 26	00 X 04	18M·27	06 <del>X</del> 40	29&49	1811/24
30	22≈03	24 T 29 24 T 28	05 <del>=</del> 22	29 T 4 T	18720	24 II 12			00 <del>X</del> 31		1811730
30	00							, New York			
Day	Ceres	Juno	Eros S	Sappho	Psyche	Vesta	Chiron	Ophelia	Amor	Astarte	Erato
1	22≈19	24↑27	07 <b>≏</b> 10	29Ƴ35	18≯743	23 II 58	29 8 54	19 <b>‰</b> 14	07 <b></b>	00 <b>17</b> 07	191701
2	22≈34	24↑27	08 <b>-</b> 04	29介33	19≯706	23 II 43	29 8 51	19№37	07€27	00MP15	191713
3	22≈51	24 <b>T</b> 28	08 <b>≏</b> 57	29 ↑ 32	19×729	23 11 28	29 8 48	20№00	07¥39	00M23	191724
4	23≈07	24T29	09 <del>2</del> 51	29 <b>T</b> 31	19×752	23 II 13	29 8 44	20M23	07¥51	001730	191736
5 6	23 <b>≈</b> 23 23 <b>≈</b> 40	24 $\Upsilon$ 31 24 $\Upsilon$ 33	10 <b>-</b> 44 11 <b>-</b> 38	29 $\Upsilon$ 31	20 ⊀ 15 20 ⊀ 38	22 II 58 22 II 43	29 8 41 29 8 38	20\mathcal{W}47 21\mathcal{W}10	08¥04 08¥17	00MP38	19MP47 19MP58
7	23≈40 23≈56	24 T 33 24 T 36	12≏31	29 T 3 T	21701	22 II 43 22 II 28	29 8 35	21M33	08 <del>X</del> 17	00MP51	2011/09
8	24 <b>≈</b> 13	24 T 30	13 <u>~</u> 24	29 T 32	21×124	22 II 12	29 8 32	21M56	08¥43	00M257	201709
9	24≈30	24 T 43	14 <u>~</u> 17	29 T 36	21×147	21 II 56	29 8 29	22M·19	08¥57	0111703	2011730
10	24≈48	24Ƴ48	15 <b>≏</b> 10	29介38	22711	21 X 41	29 8 26	22№42	09⊛11	0111709	201740
11	25≈05	24介53	16 <b>-</b> 02	29Ƴ41	22734	21 II 25	29 8 23	23№05	09₩25	0111714	20 <b>m</b> 50
12	25≈22	24介59	16 <b>≏</b> 55	29Ƴ45	22₹57	21 II 09	29 8 20	23№28	09∺39	011119	20 <b>m</b> 59
13	25≈40	25Ƴ05	17 <b>-</b> 247	29Ƴ49	23🛪 20	20 X 53	29 8 17	23№51	09 <b>光</b> 53	0111724	2111709
14	25≈58	25介12	18 <b>≏</b> 39	29介54	23🛪 43	20 🛚 37	29 8 14	24№13	10€08	011728	2111718
15	26≈16	25 <b>1</b> 9	19-231	29介59	24×706	20 11 22	29 8 11	24€36	10 € 23	0111732	2111727
16	26≈34	25 <b>↑</b> 27	20-23	00 8 05	24730	20 X 06	29 8 08	24M59	10¥38	0111735	2117735
17 18	26×52	25 T 35	21-215	00 8 19	24×753	19 II 50	29 8 05	25M21	10¥53	0111738	2111744
	27 <b>≈</b> 11	25T44	22-07	00 8 25	25×16	19 X 34	29 8 02	25M-44	11¥08	0111741	2111752
19	27 <b>≈</b> 29	25介54	22 <b>≏</b> 58	00 B 25	25≯740	19 <b>I</b> 19	29 8 00	26№06	11 <del>X</del> 24	01 <b>m</b> 44	22 <b>11</b> 700

20	27 <b>≈</b> 48	26 <b>T</b> 03	23 <b>-</b> 249	00 B 33	26≭03	19 <b>I</b> 03	28 8 57	26M29	11₩39	01 <b>17</b> 46	22 <b>11</b> 707
21	28≈06	26Ƴ14	24 <b>-</b> 40	00 8 41	26≯726	18 <b>II</b> 48	28 8 54	26M51	11 <del>X</del> 55	01 <b>1</b> 748	22 <b>M</b> 14
22	28 <b>≈</b> 25	26Υ25	25 <b>-</b> 231	00 X 49	26≭49	18 II 33	28 8 51	27ጤ13	12 <del>X</del> 11	0111749	22MP21
23	28 <b>≈</b> 44	26Ƴ36	26 <b>-</b> 22	00 X 58	27 <b>才</b> 13	18 II 18	28 & 49	27 <b>M</b> 36	12₩27	01MP50	22 <b>17</b> 28
24	29≈03	26Ƴ48	27 <b>≏</b> 13	01 წ 08	27≭36	18 II 03	28 & 46	27 <b>‰</b> 58	12∺44	0111750	22MP35
25	29≈22	27℃00	28-203	01 წ 18	28≯700	17 II 49	28 8 44	28M20	13₩00	0111751	22MP41
26	29≈41	27 <b>Υ</b> 13	28 <b>≏</b> 53	01 & 28	28🛪 23	17 II 34	28 8 41	28 <b>M</b> 42	13 <b></b>	01 <b>m</b> /50	22 <b>M</b> 247
27	00€01	27Υ26	29 <b>-</b> 43	01 8 39	28≯746	17 II 20	28 8 39	29M03	13₩34	0117750	22 <b>m</b> /52
28	00₩21	27介40	00M33	01 წ 50	29🛪09	17 II 06	28 8 36	29M25	13 <del>¥</del> 51	01 <b>m</b> 49	22 <b>m</b> /57
29	00₩41	27介54	01ሙ23	02801	29🛪33	16 X 53	28 8 34	29ጤ47	14₩08	01111947	2311702
30	01 <del>X</del> 00	28Ƴ08	02№12	02 წ 13	29≯756	16 II 39	28 8 31	00≯09	14 <b>光</b> 25	01 <b>m</b> /46	23 <b>17</b> 07
31	01₩20	28↑23	03№02	02 წ 26	00V320	16 II 26	28 8 29	00≯731	14⊛42	0111743	231711

# Vesta Sappho **Psvche** Chiron Ophelia 02 8 38 00V343 28 **8** 27 16 II 14 00 ₹52 16 II 01 28 **8** 25 01714

15 II 49

15 X 37

15 II 26

15 II 15

15 X 05

14 II 54

14 II 45

14 II 35

Asteroids Ephemeris January 1984, 00:00:00, New York, New York, Longitude

28 8 22

28 8 20

28 8 18

28 & 16

28 8 14

28 **8** 13

28 8 11

28809

27 8 46

27 **8** 46

27 8 46

27 **8** 46

27 **8** 46

27 **8** 46

27 **8** 46

27 **8** 46

27 **8** 46

27 **8** 46

27 8 47

27 8 47

27 8 48

27 8 48

27 8 49

27 g 50

27 <sub>8</sub> 50

27 **851** 

27 <sub>8</sub> 52

27 g 53

27 g 54

27 **8** 55

27 g 56

27 **8** 58

27 & 59

28800

11712

11730

11748

12<sup>₹</sup>06

12 7 24

12 🗷 41

12 7 58

13 🗷 16

13 7 33

13 7 50

14×706

14 🗷 23

14×739

14 7 56

15 🗷 12

15 7 28

15 7 43

15 7 59

16×714

16×730

16 🗷 45

17<sup>才</sup>00

17 🗷 14

17×729

17×743

17*≯*757

24¥58

25X19

25 € 40

26₩01

26 € 22

26¥43

27€04

27¥25

27¥46

28X07

28¥29

28¥50

29X11

29 € 32

29 € 54

00T16

00T37

00T59

01T21

01T42

02T04

02T26

02T48

03T10

03T32

03 ℃ 54

27െ 201

26&47

<u>26ん33</u>

26 പ്ര 19

**25** *Q* 36

25 പ്ര22

<u>25გ07</u>

24ഹ08

23&53

<u>23ഹു38</u>

23 പ്ര23

<u>23ഹ09</u>

<u>22&54</u>

22പ്പ39

22പ്പ25

22&10

21&56

21 242

<u>21ഹ28</u>

<u>21&14</u>

22MP40

22MP33

22MP26

22**M**719

22MP12

22MP05

21MP57

21MP49

21MP40

21MP32

21MP23

21MP13

21MP04

20MP54

20MP44

20MP34

20MP24

20MP14

20MP03

19M752

19MP41

19MP30

19MP18

19MP07

18MP55

18MP44

01735

013756

02×718

02739

03700

03 7 21

03 7 42

04×702

Amor

15¥00

15**X**18

15 **€** 35

15¥53

16**X**11

16**X**30

16**X**48

17¥06

17**X**25

17 **4** 4

18¥02

18**X**21

18**X**40

18**X**59

**Astarte** 

0117741

0111938

0111935

0111931

011127

011122

01117

011112

0111706

0111700

00MP53

00MP46

00MP39

00MP31

Erato

23MP15

23**M** 19

23MP23

23MP26

23MP29

23MP31

23MP33

23MP35

23MP36

23MP38

23MP38

23MP39

23MP39

23MP39

15	06₩31	02 8 54	14ጤ57	06 <del>8</del> 14	06/ร11	<u>13 II 55</u>	<u> 28 8 01</u>	05≯745	19 <b>X</b> 18	<u>00MP23</u>	<u>23M239</u>
16	06¥52	03 ႘ 14	15 <b>I</b> 43	06 8 32	06V334	<u>13 🛚 48</u>	28 & 00	06≯705	19 <b>X</b> 38	00MP14	23M738
17	07 <b></b>	03 <del>8</del> 35	16 <b>‰</b> 28	06 წ 50	06 <b>V</b> \$57	<u>13 🏿 41</u>	27 & 58	06≯725	19 <b>光</b> 57	<u>000006</u>	23M237
18	07 <b>X</b> 35	03 <del>8</del> 57	17ሙ14	07 ႘ 08	07\ช20	<u>13 🛚 36</u>	27 & 57	06≯745	20 <b></b>	<u>29ഹ56</u>	23M235
19	07 <b>光</b> 57	04 ୪ 19	17 <b>‰</b> 59	07 8 27	07 <b>V</b> \$44	<u>13 Ⅱ 30</u>	27 & 56	07≯705	20 <b>X</b> 36	<u>29 പ്ര46</u>	23M233
20	08 <b>X</b> 18	04 ୪ 40	18 <b>I</b> 44	07 ႘ 46	08Vt07	<u>13 Ⅱ 25</u>	27 & 55	07≯725	20¥56	29പ്പ37	23M231
21	08 <b></b> ¥40	05 8 03	19 <b>‰</b> 29	08 8 05	081,30	<u>13 🛚 21</u>	27 & 54	07≯744	21 <b>光</b> 16	29പ്പ26	23MP29
22	09₩02	05 8 25	20№13	08 8 24	08 <b>V</b> \$53	13 II 16	27 & 53	08≯704	21 <b>X</b> 35	<u>29                                    </u>	23MP26
23	09₩24	05 8 48	20№58	08 <del>8</del> 44	09ฬ17	<u>13 Ⅱ 13</u>	27 & 52	08≯723	21 <del>X</del> 55	29പ്പ05	23M23
24	09₩46	06 ႘ 11	211142	09 8 04	09ฬ40	13 X 09	27 & 51	08≯742	22 <b></b> 升5	<u>28പ്പ54</u>	23MP19
25	10¥08	06 8 34	22№26	09 8 24	101303	13 X 07	27 & 50	09才01	22 <b>X</b> 35	<u>28 പ് 43</u>	23MP15
26	10 <b>X</b> 30	06 岁 58	23M09	09 8 44	10 <b>1</b> 326	13 II 04	<u>27 8 49</u>	09≯721	22 <b></b> ¥56	<u>28പ്പ31</u>	<u>2311/11</u>
27	10¥52	07 წ 22	23№52	10 8 04	101349	13 X 03	27 & 49	09≯739	23 <b>X</b> 16	<u>28പ്പ 19</u>	23MP07
28	11 <b>光</b> 14	07 ႘ 46	24№36	10 B 25	111/312	13 X 01	27 & 48	09≯758	23¥36	28പ്പ07	23MP02
29	11 <b>光</b> 37	08 <del>8</del> 10	25№18	10 ႘ 46	11135	<u>13 II 00</u>	<u>27 8 48</u>	10 🗷 17	23¥57	<u>27                                    </u>	22M757
30	11 <b>光</b> 59	08 <del>8</del> 35	26M <sub>01</sub>	11807	111358	<u>13 🛚 00</u>	<u> 27 8 47</u>	10 🗷 35	24 <b>光</b> 17	<u>27                                    </u>	<u>22M751</u>
31	12 <b>X</b> 21	08 <del>8</del> 59	26№43	11 8 28	121321	12 🛚 59	<u>27 8 47</u>	10 ≯754	24 <b>X</b> 38	<u>27പ്പ28</u>	22MP46
				February	<b>/ 1984</b> , 0	0:00:00, N	lew York,	New York,	Longitu	de	
Day	Ceres	Juno	Eros	Sappho	Psyche	Vesta	Chiron	Ophelia	Amor	Astarte	Erato

13 X 00

13 X 01

13 X 02

13 X 03

13 II 06

13 II 08

13 X 11

13 II 14

13 II 18

13 II 22

13 X 27

13 II 32

13 X 37

13 II 43

13 II 49

13 X 55

14 II 02

14 II 09

14 II 17

14 II 25

14 II 33

14 II 42

14 II 51

15 X 00

15 II 10

15 II 20

11 05X06 01834 14 II 26 28 8 07 04×723 12 01853 14 II 18 28 8 06 04744 05**X**27 12M38 05 g 23 05ぱ01 13 02813 05 8 39 14 II 10 28 8 04 05₹04  $05 \times 48$ 13M<sub>24</sub> 05V324 14 06X10 02833 05 g 57 05V347 14 II 02 28 8 03 05 🗷 25

11850

12812

12834

12 <del>8 56</del>

13 8 18

13841

14803

14826

14849

15812

15 g 35

15859

16823

16 <del>8 4</del>6

17810

17834

17 **8** 58

18 8 23

18 **8** 47

19812

19836

20801

20 8 26

20 g 51

21816

21841

27M25

28M<sub>07</sub>

29M29

00 才10

00 ₹51

01731

02 🗷 12

02 7 51

03 🗷 31

04 ≯ 10

04 ₹ 49

05 ₹28

06×706

06 ₹44

07×722

07 ₹ 59

08×36

09 🗷 13

09×749

10 7 25

11701

11×737

12 7 12

12 3 47

13🛪21

121344

131307

131330

13**1**353

141316

141339

15Vt01

151324

15V347

16が09

16V332

16V\$55

17 V3 17

171340

181302

181324

181347

19が09

19131

191353

201315

20137

20が59

211321

211343

22Vt05

05806

11 № 04 

Day

2

3

4

5

6

7

8

9

10

Ceres

01X40

02X01

02¥21

02X41

03X02

03¥22

03¥43

04¥03

04X24

04¥45

12 **.** 44

13¥06

13 € 29

13**X**51

14**X**14

14 € 37

14¥59

15¥22

15**X**45

16¥08

16**X**31

16<del>X</del>54

17 × 40

18¥03

18 € 26

18**X**49

19 × 12

19 X 35

19 × 58

20X22

20X45

21X08

21X32

21X55

22¥18

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

09824

09 8 50

10815

10841

11807

11833

11859

12825

12852

13819

13846

14813

14840

15807

15835

16 g 03

16831

16 g 59

17827

17 **8** 55

18 g 24

18 **8** 52

19821

19850

20 8 19

20848

Juno

28T38

28T54

29T10

29T26

29T43

00801

00 g 19

00 837

00 g 56

01814

**Eros** 

03M51

04M40

05№29

06**瓜**17

07M05

07M53

08 641

09№29

10M<sub>16</sub> 04 g 34 04850

02 g 52

03 8 05

03 8 19

03 8 33

03 8 48

04803

04818

04V314

04V337

01**1**307

01130

011354

02V317

02V340

03Vt04

031327

03**1**750

27	22¥42	21 8 17	13≯755	22 8 06	22V\$27	15 🛚 30	28 8 02	18≯711	04Ƴ16	<u>21გ00</u>	<u>181732</u>
28	23 <b>¥</b> 05	21 8 46	14≯729	22 8 32	22 <b>V</b> 349	15 🛚 40	28 8 03	18≯725	04 <b>T</b> 38	<u>20&amp;47</u>	18MP20
29	23₩29	22 8 16	15≯703	22857	231310	15 X 51	28 8 05	18 🛪 38	05℃00	<u>20പ്പ33</u>	<u> 18M208</u>
_	_							ew York, L			_
Day	Ceres	Juno		Sappho	Psyche	Vesta		Ophelia	Amor	Astarte	Erato
1	23¥52	22 8 45	15×736	23 8 23	23132	16 II 03	28 8 06	18 7 51	05 ↑ 22	<u>20Ω20</u>	17M756
3	24¥16	23 8 15	16×708	23 8 49	231353	16 II 14	28 8 08	19×704	05 <b>T</b> 44	<u>20გ08</u>	17MP43
4	24¥39 25¥03	23 8 45 24 8 15	16 ★ 41 17 ★ 12	24 8 14 24 8 40	24V315 24V336	16 II 26 16 II 38	28 8 10 28 8 12	19⊀17 19⊀30	06℃07 06℃29	<u>19                                    </u>	17MP31 17MP19
5	25¥26	24 8 45	17×144	25 8 06	24V\$57	16 II 50	28 8 13	19×30	06 T 29	19 <u>0</u> 243	17MP07
6	25¥50	25 g 15	18 🛪 15	25832	25 <b>1</b> 337	17 II 03	28 8 15	19754	07 T 13	19&19	16M254
7	26¥14	25 8 45	18 🛪 46	25 8 59	25 <b>1</b> 340	17 X 16	28 g 17	20 🗷 06	07 1 16	<u>19Ω08</u>	16MP42
8	26 € 37	26 B 15	19才16	26 8 25	26V301	17 II 29	28 8 19	20 🛪 18	07介58	18 <sub>ເ</sub> ຊ57	16 <b>M</b> <sup>2</sup> 30
9	27 <b>¥</b> 01	26 <del>8</del> 45	19≭746	26 8 51	26 <b>1</b> 322	17 <b>I</b> 43	28 8 21	20≯729	08℃20	<u>18&amp;46</u>	16M218
10	27 <b>¥</b> 25	27 <del>8</del> 16	20才16	27 B 17	26V342	17 <b>1</b> 56	28 & 24	20≯740	08 <b>T</b> 43	<u>18പ്പ35</u>	16MP05
11	27 <b></b> ¥48	27 & 46	20 ⊀ 45	27 8 44	27 <b>1</b> 303	18 II 10	28 8 26	20≯751	09 <b>T</b> 05	<u>18പ്പ25</u>	<u>15M753</u>
12	28¥12	28 8 17	21才14	28 8 10	271324	18 <b>Ⅱ</b> 25	28 8 28	217702	09℃28	<u>18പ്പ15</u>	<u>15MP41</u>
13	28 <b>¥</b> 35	28 8 47	21才42	28 B 37	27V345	18 <b>II</b> 39	28 8 30	21 🗷 13	09 <b>T</b> 50	<u>18എ06</u>	<u>151729</u>
14	28¥59	29 8 17	22 🛪 10	29 8 03	281305	18 II 54	28 8 33	21723	10个13	<u>17.Ω57</u>	15MP17
15	29 € 22	29 8 48	223737	29 8 30	281326	19 II 09	28 8 35	21×733	10 T 35	<u>17Ω48</u>	15MP05
16 17	29¥46 00°10	00 II 20 00 II 50	23≯704 23≯731	29 8 57 00 <b>II</b> 24	281346 291306	19 II 24 19 II 39	28 8 38 28 8 40	21 🗷 42 21 🗷 52	10个58 11个20	<u>17                                    </u>	14MP54 14MP42
18	00 T 10	01 X 21	23 🛪 57	00 II 24	29/306	19 II 59	28 8 43	22701	11 7 43	178232 17824	1411/42 1411/31
19	00 T 34 00 T 58	01 II 52	24×23	00 II 31	29/3/26	20 II 11	28 8 46	22710	12706	178224 178217	1411/31 1411/19
20	01T21	02 11 23	24748	01 X 45	00≈06	20 II 27	28 8 48	22719	12 T 00	17&17	141708
21	01145	02 II 54	25 🛪 13	02 II 12	00≈26	20 11 43	28 8 51	22 🛪 27	12 <b>T</b> 51	<u>17Ω04</u>	13M257
22	02℃09	03 II 26	25≯37	02 II 39	00≈46	21 X 00	28 8 54	22735	13介14	<u>16Ω58</u>	131746
23	02Ƴ32	03 X 57	26≯701	03 X 06	01≈06	21 II 17	28 8 57	22🛪 43	13 <b>T</b> 36	<u>16&amp;52</u>	1311736
24	02ዅ56	04 II 28	26≯724	03 🛚 33	01≈25	21 🛚 34	29 8 00	22751	13 <b>T</b> 59	<u>16&amp;47</u>	13MP25
25	03℃20	04 II 59	26≯746	04 X 01	01≈45	21 🛮 51	29 8 02	22≯758	14 <b>T</b> 22	<u>16&amp;42</u>	<u>13MP15</u>
26	03℃44	05 <b>I</b> I31	27≯709	04 II 28	02≈04	22 <b>I</b> 08	29 8 05	23≯705	14 <b>T</b> 44	<u>16പ്പ37</u>	<u>1311705</u>
27	04↑07	06 II 02	27≯30	04 II 55	02≈23	22 II 26	29808	23 🛪 12	15℃07	<u>16Ω33</u>	12M755
28	04 <b>T</b> 31	06 II 34	27×752	05 II 23	02≈42	22 II 43	29 8 11	23 🛪 18	15 <b>T</b> 30	<u>16&amp;30</u>	12MP45
29	04T55	07 II 05	28 🛪 12	05 II 50	03≈01	23 II 01	29 8 15	23 🛪 24	15 753	<u>16 გ 26</u>	12M736
30 31	05个18 05个42	07 II 37 08 II 08	28≯732 28≯752	06 II 18 06 II 45	03 <b>≈</b> 20 03 <b>≈</b> 39	23 II 19 23 II 38	29 & 18 29 & 21	23≯30 23≯36	16个15 16个38	<u>16പ്പ23</u> 16പ്പ21	12MP26 12MP17
31	03 1 42	00 1 00	207 32					ew York, L			12117 17
Day	Ceres	Juno	Eros S		Psyche			Ophelia	Amor	Astarte	Erato
1	06 <b>T</b> 06	08 II 40	29≯10	07 II 13	03≈58	23 X 56	29824	23×741	17 <b>T</b> 01	<u>16Ω19</u>	1211709
2	06℃30	09 II 11	29≯728	07 II 40	04≈16	24 II 15	29 8 28	23≯746	17Ƴ24	<u>16&amp;17</u>	1211700
3	06 <b>T</b> 53	09 🛚 43	29≯746	80 II 80	04≈35	24 🛚 33	29 8 31	23≯750	17 <b>Ƴ</b> 47	<u>16ଯ 16</u>	11MP52
4	07介17	10 II 15	00V304	08 <b>I</b> I 36	04≈53	24 II 52	29 8 35	23≯755	18 <b>T</b> 09	<u>16പ്പ15</u>	<u>11MP44</u>
5	07介41	10 II 47	00V320	09 II 04	05≈11	25 II 12	29 8 38	23 🛪 58	18 7 3 2	<u>16Ω14</u>	11MP36
6	08T04	11 II 18	00V336	09 X 31	05 <b>≈</b> 29	25 X 31	29841	24 7 02	18 755	16 ູ 14	11M29
7	08T28	11 II 50	00V\$51	09 II 59	05≈47	25 II 50	29 8 45	24×705	19个18	16Ω15	111722
<b>8</b> 9	08 <b>T</b> 51	12 II 22 12 II 54	011306 011320	10 II 27	06≈05 06≈22	26 II 10 26 II 30	29 8 49 29 8 52	24×708 24×711	19 <b>T</b> 41	16&15 16&16	11MP15 11MP08
10	09 T 15	12 II 34 13 II 26	01/320	11 X 23	06×22 06×40	26 II 50	29 8 56 29 8 56	24 🗷 14	20 T 04 20 T 26	16 <i>Q</i> 18	1111708 1111702
11	10°T02	13 II 58	01V346	11 X 50	06≈57	27 II 10	00 II 00	24×116	20120	16&20	10MP56
12	10 T 02	14 II 30	01 <b>1</b> 358	12 II 18	07 <b>≈</b> 14	27 II 30	00 II 04	24×17	21个12	16&22	1011750
13	10℃49	15 <b>I</b> I01	021309	12 II 46	07≈31	27 II 50	00 II 08	24≯19	21个35	16ᡚ24	10MP45
14	11个13	15 <b>I</b> 33	02V320	13 II 14	07≈48	28 II 11	00 X 11	24≯720	21个58	16&27	10MP40
15	11℃36	16 X 05	021329	13 II 42	08≈04	28 🛚 31	00 II 15	24×721	22 <b>T</b> 21	16ഹ31	10MP35
16	12 <b>个</b> 00	16 II 37	02ฬ39	14 II 10	08 <b>≈</b> 21	28 II 52	00 X 19	24≯721	22 <b>T</b> 43	16ഹ34	<u>10MP31</u>
17	12℃23	17 X 09	021347	14 II 38	08 <b>≈</b> 37	29 X 12	00 II 23	<u>24×721</u>	23℃06	16ഹ38	<u>101727</u>
18	12个47	17 II 41	02V\$55	15 X 06	08≈54	29 🛚 33	00 II 27	24×721	23↑29	16&42	10MP23
19	13个10	18 II 13	03V301	15 II 34	09≈10	29 🛚 55	00 II 31	24×720	23 7 5 2	16 247	10MP19
20	13 <b>T</b> 34	18 II 45	03V308	16 X 02	09≈25	00816	00 II 35	24×719	24 15	16Ω52	10MP16
21	13 <sup>57</sup>	19 II 17	03Vf13	16 X 50	09≈41	00838	00 II 39	24 × 18	24 738	16Ω58	10MP13
<b>22</b> 23	14 <sup>20</sup>	19 II 49 20 II 21	03 <b>17</b> 03 <b>1</b> 21	16 II 59 17 II 27	09 <b>≈</b> 57 10 <b>≈</b> 12	00\&59 01\&21	00 II 43	24×16 24×15	25°C00 25°C23	17ඩ03 17ඩ09	10MP10 10MP08
24	14 T 44 15 <b>T</b> 07	20 II 53	03/321	17 X 55	10≈12	01821	00 II 47	24×13 24×12	25 T 23 25 T 46	17 & 09 17 & 16	1011708
25	15 T 07	21 II 25	03 <b>v</b> 324	18 II 23	10≈42	02805	00 X 55	24×12	26个09	17 & 10	1011704
26	15 T 50	21 II 57	03 <b>1</b> 327	18 X 51	10≈57	02\$63	00 II 59	24×107	26 T 32	17 ຄ 22	1011703
	.5 . 55		55.027		.5 .5		55 = 50	,,,,,,	_0 1 02	5, 25	10 00

27	16Ƴ17	22 II 29	<u>031328</u>	19 II 19	11≈11	02549	01 <b>I</b> I 04	<u>24≯04</u>	26介55	17 ე 37	<u>101702</u>
28	16 <b>Υ</b> 40	23 X 01	<u>031327</u>	19 <b>Ⅱ</b> 48	11≈26	03&11	01 <b>I</b> I 08	<u>24≯700</u>	27 <b>°</b> 17	17&44	<u>100001</u>
* <u>29</u>	17℃02	23 <b>II</b> 32	<u>031326</u>	20 II 15	11≈39	03&32	01 II 12	<u>23≯756</u>	27介39	17굁52	<u>10000</u>
30	17 <b>↑</b> 25	24 II 04	<u>031324</u>	20 <b>I</b> 43	11≈53	03&55	01 X 16	<u>23≯52</u>	28 <b>T</b> 02	18െ00	<u>10MP00</u>
						*DS	T starts				
						0:00, Nev	v York, Ne	w York, Lo	ongitude	!	
Day	Ceres	Juno	Eros S	Sappho	<b>Psyche</b>	Vesta	Chiron	Ophelia	Amor	Astarte	Erato
1	17Ƴ48	24 II 36	<u>031321</u>	21 II 11	12≈07	04%17	01 X 20	<u>23≯47</u>	28 <b>T</b> 25	18ഹ09	1011700
2	18Ƴ11	25 II 08	<u>031/17</u>	21 II 39	12#21	04%40	01 II 25	23×743	28介48	18Ω18	1011700
3	18Ƴ34	25 II 40	<u>031/12</u>	22 II 07	12≈34	05803	01 11 29	23×737	29介10	18 ລ 27	100001
4	18 <b>~</b> 57	26 II 12	<u>031/107</u>	22 II 36	12≈47	05825	01 II 33	23×32	29介33	18Ω36	1011702
5	19 <sup>2</sup> 0	26 II 44	03V300	23 II 04	13≈00	05%48	01 II 37	23×726	29 755	18Ω46	1011703
<b>6</b> 7	19 <b>T</b> 43	27 II 16 27 II 48	02 <b>1</b> 352	23 II 32 24 II 00	13 <b>≈</b> 13 13 <b>≈</b> 25	06 <b>%</b> 11	01 II 42 01 II 46	23×20 23×14	00 8 18 00 8 41	18Ձ56 19Ձ06	10MP05 10MP07
8	20 T 00 20 T 29	28 II 20	02 <i>V</i> 344	24 II 29	13≈25	06358	01 X 40	23 🛪 07	01804	19&00 19&17	1011707
9	20 T 23 20 T 52	28 II 52	02 <b>1</b> 335	24 II 57	13 <b>≈</b> 50	07%21	01 X 55	23×07	01826	19ູ໙ 17	1011703
10	21 <sup>1</sup> 15	29 II 24	02/323 02/314	25 II 25	14≈01	07521	01 II 59	22×53	01849	19239	101711
11	21 1 37	29 1 56	02V302	25 II 54	14≈13	08208	02 11 04	22×145	02812	19 $\Omega$ 50	10117
12	22个00	00%28	01 <b>v</b> 349	26 II 22	14≈24	08%31	02 II 08	22×37	02834	20&02	101120
13	22 <b>T</b> 23	01800	01V335	26 II 50	14≈35	08255	02 II 13	22729	02857	20ඩ14	101724
14	22 <b>T</b> 45	01%32	<u>011/321</u>	27 II 18	14≈46	09&19	02 II 17	22×721	03 & 20	20ഹ26	101728
15	23 <b>T</b> 08	02%04	<u>011306</u>	27 II 47	14≈57	09&43	02 II 22	<u>22≯713</u>	03842	20ഹ38	101732
16	23介31	02%36	<u>001349</u>	28 II 15	15≈07	109307	02 II 26	<u>22×04</u>	04805	20 <i>Q</i> 51	101736
17	23介53	03&08	<u>001/32</u>	28 <b>I</b> 43	15≈17	10530	02 II 30	<u>21≯755</u>	04827	21გ03	101740
18	24个15	035640	<u>001315</u>	29 II 11	15≈27	10955	02 II 35	21×745	04850	21Ω16	101745
19	24 738	049511	29×756	29 II 39	15≈36	119319	02 11 39	21 7 36	05812	21&30	101750
20	25 <b>T</b> 00	04543	29×37	80200	15 <b>≈</b> 46	11543	02 II 44	21×726	05835	21.043	101756
21 22	25 <b>T</b> 22	05%15 05%47	29≯17 28≯56	00%36 01%04	15 <b>≈</b> 55 16 <b>≈</b> 03	12%07 12%31	02 II 48 02 II 53	21 × 16 21 × 106	05 8 57 06 8 19	21&57 22&11	11MP01 11MP07
23	26°T07	053647	28×35	01333	16≈03	12351	02 II 53	20×756	06842	22&25	1111707
24	26T29	06350	28×13	02801	16 <b>≈</b> 20	13%20	03 11 02	20×36	07804	22&39	1111719
25	26T51	07%22	27×750	02\$29	16≈28	13%45	03 11 06	20 × 35	07827	22 Ω 54	1111726
26	27 <b>↑</b> 13	07954	<u>27≯27</u>	02957	16≈35	14%10	03 X 11	<u>20</u> ₹24	07849	23Ω09	1111733
27	27 <b>T</b> 35	08325	27×703	03825	16≈42	14%34	03 II 15	20 🗷 13	08811	23&24	1117740
28	27介57	08\$57	<u>26≯39</u>	03554	16≈49	14%59	03 11 20	<u>20≯02</u>	08 B 33	23&39	1111947
29	28 <b>T</b> 19	09&29	<u>26≯14</u>	04&22	16≈56	15%24	03 🛚 24	<u>19⊀751</u>	08 წ 56	23&54	1117755
30	28Ƴ41	10300	<u>25≯49</u>	04350	17≈02	15%49	03 🛚 29	<u>19≯739</u>	09 B 18	24Ձ10	12 <b>17</b> 02
31	29 <b>T</b> 02	10332	<u>25≯723</u>				03 II 33				12 <b>M</b> 210
Day	Caraa	lung	Гтоо 9			Vesta	w York, Ne				Frata
Day 1	Ceres 29 $\Upsilon$ 23	Juno 11%04	Eros \$ 24 ₹ 58	05 <b>3</b> 46	Psyche 17≈14	16 <b>%</b> 39	Chiron 03 II 38	<u>19⊀17</u>	<b>Amor</b> 10 8 02	Astarte 24 $\Omega$ 42	Erato 12MP18
2	29 T 25 29 T 45	11335	24×30 24×31	06%15	17≈14 17≈19	17804	03 II 42	19×17	10824	24£258	1211710
3	00807	12307	24×105	06543	17≈24	17829	03 II 47	<u>18≯53</u>	10847	25Ω14	121735
4	00 B 28	12%38	<u>23≯38</u>	079311	17≈29	17954	03 X 51	18 🛪 42	11809	25Ω31	121744
5	00 წ 50	13%10	<u>23≯12</u>	07939	17≈33	185619	03 <b>I</b> 56	<u>18≯³30</u>	11831	25&47	121753
6	01811	13%41	<u>22≯745</u>	08&07	17≈37	18%45	04 X 00	<u>18≯718</u>	11 8 53	26Ձ04	131702
7	01832	14%12	<u>22≯718</u>	08\$35	17≈41	198310	04 II 05	<u>18≯706</u>	12815	26&21	131712
8	01854	14%44	21×751	09203	17≈45	19836	04 11 09	17×755	12836	26Ω38	131721
9	02815	15%15	21×124	09\$32	17 <b>≈</b> 48	20301	04 II 13	17×743	12858	26 Ω 56	131731
10	02836	15%47	20×758	10300	17≈50	20827	04 II 18	17×731	13820	27 Ω 13	131741
11	02 8 57	16%18	<u>20≯31</u>	10328	17≈53	20552	04 II 22	17×719	13842	27Ω31	1317751
12 13	03 & 18 03 & 38	16%49 17%20	<u>20≯05</u> <u>19≯39</u>	10\&56 11\&24	17 <b>≈</b> 55 17 <b>≈</b> 56	21%18 21%43	04 II 27 04 II 31	<u>17 ₹ 08</u> <u>16 ₹ 56</u>	14 8 04 14 8 26	27&49 28&07	14MP01 14MP12
14	03 8 59	173520	19×39 19×13	119524	17 <b>≈</b> 50	22809	04 II 35	16×36	14847	28£25	1411/12
15	04 8 20	18823	18×13	12820	17 <b>≈</b> 57	22335	04 II 40	16×33	15809	28£43	141723
16	04840	18354	18 × 22	12328	17≈59	23%01	04 II 44	16722	15830	29 ე 01	1411744
17	05801	19325	17×57	13516	17≈59	23%27	04 II 48	16×10	15852	29&20	141756
18	05821	19356	<u>17≯33</u>	135344	<u>17≈59</u>	23%53	04 II 53	<u>15≯759</u>	16 <del>8</del> 14	29 ე 38	15MP07
19	05841	20327	<u>17≯09</u>	14%12	<u>17≈59</u>	24%19	04 II 57	<u>15≯48</u>	16 <del>8</del> 35	29 ე 57	15 <b>m</b> 19
20	06 წ 02	20%58	<u>16≯46</u>	14%40	<u>17≈58</u>	24%45	05 X 01	<u>15≯737</u>	16 & 56	00MP17	15MP30
21	06 წ 22	21%29	<u>16≯723</u>	15%07	<u>17≈56</u>	25%11	05 X 05	<u>15≯727</u>	17 <del>8</del> 18	00 <b>m</b> 236	1517742
22	06 X 42	22%00	<u>16≯01</u>	15%35	<u>17≈55</u>	25%37	05 X 10	<u>15≯16</u>	17 B 39	00MP55	15M754
23	07 8 02	22831	<u>15≯739</u>	162603	<u>17≈53</u>	26%03	05 II 14	<u>15≯705</u>	18800	01MP15	16 <b>17</b> 06

24	07822	23502	<u>15≯18</u>	16531	<u>17≈51</u>	26329	05 II 18	<u>14≯755</u>	18 8 22	0111734	16 <b>M</b> <sup>2</sup> 19
25	07841	23533	<u>14≯758</u>	16259	<u>17≈48</u>	26355	05 II 22	<u>14≯745</u>	18 8 43	0111754	16 <b>17</b> 31
26	08801	24%04	<u>14≯38</u>	179327	<u>17≈45</u>	27522	05 II 26	<u>14≯35</u>	19804	02 <b>m</b> 214	16 <b>M</b> 244
27	08 8 21	24%34	14×719	179555	<u>17≈41</u>	275348	05 II 30	14×725	19825	0211734	161756
28	08840	25805	14×701	18%22	<u>17≈37</u>	285314	05 II 34	14×716	19846	021754	171709
29	08 8 59	25%36	13×743	18950	<u>17≈33</u>	28%41	05 II 38	14×706	20 8 07	0311714	171722
30	09 8 19	26%07	<u>13≯726</u>	19 <b>%</b> 18	<u>17≈29</u> <b>984</b> , 00:0	29307 0:00 New	05 II 42 / York Ne	13≯ <sup>7</sup> 57 w York I (	20 & 28	0311734	17 <b>17</b> 36
Day	Ceres	Juno	Eros S	Sappho			Chiron (		Amor	Astarte	Erato
Day 1	09 8 38	26837	13×710	19 <b>%</b> 46	17 <b>≈</b> 24	29 <b>%</b> 33	05 II 46	13 <b>×</b> 148	20 8 49	03M254	17MP49
2	09857	27508	12 7 55	20%13	17 <b>≈</b> 24	00გ00	05 II 50	13×40	21 8 10	04MP15	181702
3	10 8 16	27538	12×140	203641	17 <b>≈</b> 13	00Ω27	05 II 54	13×31	21830	0411736	181716
4	10834	28309	12×126	21509	<u>17≈07</u>	00Ω54	05 II 58	13×23	21851	0411756	1811730
5	10 8 53	28%39	12×13	21536	<u>17≈01</u>	01&20	06 II 02	13×15	22 8 12	05MP17	18 <b>M</b> <sup>2</sup> 44
6	11 8 12	29309	<u>12×701</u>	22504	<u>16≈54</u>	01Ω47	06 II 06	<u>13≯08</u>	22 8 32	05 <b>117</b> 38	18 <b>17</b> 58
7	11 8 30	29%40	<u>11≯750</u>	22531	<u>16≈47</u>	02&14	06 II 09	<u>13≯</u> 01	22 8 53	05 <b>m</b> 759	19 <b>1</b> 7
8	11 8 48	00&11	<u>11≯739</u>	22359	<u>16≈40</u>	02&40	06 II 13	<u>12≯753</u>	23 8 13	06MP21	191726
9	12807	00&41	<u>11≯729</u>	23527	<u>16≈32</u>	03ഹ07	06 II 17	<u>12≯747</u>	23 8 34	06 <b>m</b> 42	191740
10	12825	01&11	<u>11≯20</u>	23554	<u>16≈24</u>	03Ω34	06 II 20	12×740	23 8 54	07 <b>m</b> 203	191755
11	12843	01&42	11×12	24%22	<u>16≈16</u>	04&01	06 II 24	12×34	24 8 14	07MP25	201709
12	13800	02&12	11×704	24%49	<u>16≈08</u>	04Ω28	06 II 28	12×728	24834	0711746	201724
13	13 8 18	02&42	10×758	259316	<u>15≈59</u>	04Ω55	06 II 31	12×722	24854	80°m80	201739
14	13 8 36	03Ω12	10×752	25%44	<u>15≈50</u>	05Ω22	06 II 35 06 II 38	12×17	25 8 14	08M730	201754
<b>15</b> 16	13 8 53 14 8 10	03&42 04&12	<u>10≯46</u> 10≯42	26 <b>%</b> 11 26 <b>%</b> 39	<u>15≈40</u> 15≈31	05&49 06&16	06 II 38	12×12 12×107	25 8 34 25 8 54	08MP52 09MP14	21MP09 21MP24
17	14810	04&12 04&42	10×42	27539	15≈31 15≈21	06 <sub>Ω</sub> 43	06 II 45	12×07 12×103	26 8 14	0911/14	2111/24
18	14844	040/42 05Ω12	10×36 10×35	27 % 33	15 <b>≈</b> 21 15 <b>≈</b> 11	00%43 07Ω10	06 II 49	11×159	26 8 33	0911758	2111759
19	15801	05&42	10×33 10×32	28901	15 <b>≈</b> 00	07£10	06 II 52	11×755	26 8 53	1011/20	2211734
20	15818	06&12	10×31	28\$28	<u>14≈50</u>	08 204	06 II 55	11×751	27 8 12	1011743	2211725
21	15834	06&42	10 🛪 30	28\$55	<u>14≈39</u>	08 $\Omega$ 31	06 II 58	11 🛪 48	27 X 32	1111705	22MP41
22	15851	07&12	10729	29322	14≈28	08Ω58	07 II 02	11 🛪 45	27851	111728	22 <b>m</b> 756
23	16 <del>8</del> 07	07&41	10≯730	295349	<u>14≈16</u>	09 გ 25	07 II 05	<u>11≯'43</u>	28 & 10	1117750	23 <b>M</b> 212
24	16 <del>8</del> 23	08&11	10≯731	00ഹ 17	<u>14≈05</u>	09ഹ53	07 II 08	11741	28 & 29	12 <b>M</b> 213	23 <b>m</b> 28
25	16 <del>8</del> 39	08Ձ41	10≯732	00ഹ44	<u>13≈53</u>	10ഹ20	07 II 11	<u>11≯739</u>	28 & 49	121736	231744
26	16 8 55	09&10	10 🛪 35	01Ω11	<u>13≈41</u>	10Ω47	07 II 14	11×137	29807	121759	241700
27	17810	09&40	10 🛪 38	01Ω38	<u>13≈29</u>	11Ω15	07 II 17	11×736	29 8 26	131722	241716
28	17826	10&10	10×741	02Ω05	<u>13≈17</u>	11Ω42	07 II 20	11×135	29 8 45	131745	241732
29	17841	10239	10 <b>₹</b> 45 10 <b>₹</b> 50	02 <i>&amp;</i> 32 02 <i>&amp;</i> 59	<u>13≈05</u>	12Ω09	07 II 23	11×34	00 I 04	14MP08 14MP31	24MP49
30 31	17 8 56 18 8 11	11Ձ09 11Ձ38	10×50	028/59 03&26	<u>12≈53</u> 12≈40	12ഹ37 13ഹ04	07 II 26 07 II 28	11 × 34 11 × 33	00 II 22 00 II 41	1411/31	25MP05 25MP22
JI	10011	110,00	107133		1984, 00:						ZJIIF ZZ
Day	Ceres	Juno	Eros S	Sappho			Chiron		_	Astarte	Erato
1	18 8 25	12&07	11701	03ഹ53	12≈28	13Ω32	07 II 31	11 <b>水</b> 34	00 II 59	151718	251738
2	18 8 40	12&37	11708	04 ე 20	<u>12≈15</u>	13Ω59	07 II 34	11734	01 X 17	151741	25M755
3	18 <del>8</del> 54	13െ 06	11 🗷 15	04&46	<u>12≈03</u>	14Ω26	07 <b>I</b> 36	11⊀35	01 <b>I</b> I 35	16 <b>m</b> 205	26 <b>M</b> 211
4	19 & 08	13ഹ35	11才22	05ഹ13	<u>11≈50</u>	14Ω54	07 II 39	11≯736	01 <b>X</b> 53	16 <b>17</b> 28	26 <b>m</b> 28
5	19822	14Ձ04	11≯731	05&40	<u>11≈38</u>	15&21	07 X 41	11 <b>≯</b> 38	02 II 11	16 <b>m</b> /52	26MP45
6	19 8 36	14ഹ33	11 <i>≯</i> 739	06ഹ07	<u>11≈25</u>	15ん49	07 II 44	11≯740	02 II 29	17 <b>1</b> 7715	27 <b>17</b> 02
7	19849	15Ձ02	11 🗷 48	06ഹ33	<u>11≈12</u>	16Ω17	07 II 46	11742	02 X 46	17 <b>m</b> 239	27 <b>m</b> 19
8	20 8 02	15&31	11 🛪 58	07&00	<u>11≈00</u>	16Ω44	07 II 49	11 🗷 44	03 II 04	181703	27M736
9	20 8 15	16 გ 00	12×708	07Ω27	<u>10≈47</u>	17Ω12	07 X 51	11×747	03 II 21	181727	271753
10	20 8 28	16Ω29	12 🕅 19	07Ω53	<u>10≈35</u>	17Ω39	07 II 53	11 7 50	03 II 38	18M751	281710
11	20 8 41	16Ω58	12730	08Ω20	<u>10≈23</u>	18Ω07	07 II 55	11 7 53	03 II 55	191715	28M28
12	20 8 53	17Ω27	12×742	08 Ω 46	10≈10 00≈58	18 ຄ 35	07 II 57	11 🛪 56	04 II 12 04 II 29	191739	28MP45
13 14	21 8 06 21 8 18	17£56 18£24	12≯754 13≯706	09£13 09£39	<u>09≈58</u> <u>09≈46</u>	19ഹ02 19ഹ30	08 II 00 08 II 02	12⊀00 12⊀04	04 II 29	20MP03 20MP28	29MP02 29MP19
15	21829	18Ω53	13×100	ປອລ239 10Ω05	<u>09≈46</u> 09≈34	19 <sub>0</sub> / <sub>2</sub> 58	08 II 04	12×104	05 II 02	2011/28 2011/52	2911/19 2911/37
16	21841	19Ω22	137/19	10Ω05 10Ω32	<u>09≈34</u> 09≈22	19 <sub>8</sub> /25	08 II 05	12713	05 II 02	2111716	2911/37 2911/54
17	21852	19&22 19&50	13732	10 <sub>0</sub> 252	<u>09≈22</u> 09≈11	20 <sub>0</sub> 25 20 <sub>0</sub> 53	08 II 07	12 13	05 X 19	2111710	00 <b>-</b> 12
18	22 8 03	20Ω19	14×700	11Ω24	<u>09≈11</u> 08≈59	21Ω21	08 11 09	12×10	05 X 51	22MP05	00 <del>-</del> 12
19	22 8 14	20 Ω 47	14×714	11ω24	08 <b>≈</b> 48	21 Ω 49	08 II 11	12729	06 II 07	22M730	00 <b>=</b> 30
20	22824	21&16	14729	12Ω17	08 <b>≈</b> 37	22Ω16	08 II 12	12735	06 II 22	22M755	01-206
21	22 8 35	21&44	14744	12ᡚ43	<u>08≈26</u>	22 Ω 44	08 II 14	12741	06 II 38	2311719	01-23
22	22 8 45	22&12	15≯700	13ഹ09	<u>08≈16</u>	23	08 II 16	12🗷47	06 X 53	23MP44	01 <b>≏</b> 41
				-							

22 28 56 22,40 15,816 13,035 0,890 23,040 08117 12,855 0,7108 248700 01-659 24 23801 23,040 15,874 14,040 70,9755 24,040 08118 13,040 07123 248734 02,025 26 23813 23,037 15,849 14,027 07836 25,003 08121 13,875 07153 248734 02,025 27 23830 24,035 15,076 14,053 07836 25,003 08121 13,875 07153 25,0724 02,025 27 23830 24,035 15,001 14,053 07836 25,003 08121 13,875 07153 25,0724 02,025 29 23847 25,025 15,079 16,001 07800 25,027 08125 13,830 08121 25,070 03,041 03,041 15,001 07800 25,027 08125 13,830 08121 25,070 03,041 03,041 15,001 07800 25,027 08125 13,830 08121 25,070 03,041 03,041 15,001 07800 25,027 08125 13,830 08121 27,070 04,042 03,041 15,001 07800 25,027 08125 13,830 08121 27,070 04,042 03,041 15,001 07800 25,027 08125 13,830 08121 27,070 04,042 03,041 15,001 07800 25,027 08125 13,830 08121 27,070 04,042 03,041 15,001 07800 25,041												
226   238   13   234,37   15,449   14,027   07,245   244,35   08   12.0   13,745   07,155   25,5724   03,245   244,255   244,055   64,765   64,455   07,225   24,025   64,741   15,445   07,227   24,245   25,245   24,44	23	22 8 54	22&40	15≭16	13ഹ35	<u>08≈05</u>	23&40	08 II 17	12₹54	07 II 08	24M709	01 <b>≏</b> 59
226   238   13   234,37   15,449   14,027   07,245   244,35   08   12.0   13,745   07,155   25,5724   03,245   244,255   244,055   64,765   64,455   07,225   24,025   64,741   15,445   07,227   24,245   25,245   24,44												02 <b>-</b> 217
228   228   224   249   05   1649   6449   30   70   70   256   259   05   08   122   13475   07   152   25   25   26   26   28   28   28   28   29   28   47   25   45   25   25   25   25   25   25		23 8 13								07 II 38		
22   23   30   24   33   68   32   15   49   10   20   25   23   31   08   12   13   23   08   10   25   26   10   30   30   31   32   32   32   32   32   32   32						<u>07</u> ≈36						
22 83 93   25 0.01   66 44   15,445   07ms0   26,925   08123   13,430   08121   267714   03,629								08 II 22				
22 28 447   25 29   68 59   16 61 0   07 200   26 27   08 125   13 738   08 13 5   26 739   03 468								08 II 23				
30												
24 80												
September 1984, 0:00:000, New York, New York, Longitude			_									
1 24509 26552 17%54 17/227 06%45 27/051 08127 14%04 09116 27m95 04442 2 24816 27/020 18*14 17/052 06830 08372 28/047 08129 14%31 09129 28/072 05401 3 24823 2615 18%53 18.018 06830 28.047 08129 14%32 09152 28/042 05401 4 24829 2615 18%53 18.048 06830 28.047 08129 14%32 09155 29/0710 05498 5 24835 26.042 19%13 19/099 06821 29/04 08130 14%41 10108 29/0736 05466 6 24840 29/090 19%33 19/035 06811 00/0710 08131 14%51 10120 00402 06444 7 24845 29/036 19%54 20/00 06805 00/0738 08131 15%02 10120 00402 06444 8 24850 00/074 20%16 20/032 068250 06855 101093 08132 15%21 10144 00455 06452 9 24855 00/0731 20%36 20/050 06855 010793 08133 15%35 11106 01444 07429 11 25803 01/0726 21%18 21,041 056821 020702 08133 15%35 111106 01444 07429 11 25803 01/0726 21%18 21,041 056821 020702 08133 15%35 111106 01444 07429 12 25807 01/0753 22%40 22/06 05843 0010756 08133 15%35 111106 01444 07429 13 25810 02/074 22%05 05843 0010756 08133 15%35 111106 01444 07429 14 25813 02/074 22%05 05837 03/0754 08133 16%18 11149 03426 08426 15 25818 03/074 23%09 23/045 05832 04/0752 08133 16%18 11149 03426 08426 16 25818 03/074 23%09 23/045 05832 04/0752 08133 16%18 11169 03465 08426 17 25819 04/07 23%32 24/01 05830 05/0756 08133 16%18 11169 03466 09440 18 25821 05/0760 24%12 25/023 05837 05/0774 08133 16%42 12117 04466 09441 18 25823 05/0762 24%42 25/023 05832 04/0752 08133 16%43 12117 04466 09440 18 25823 05/0762 24%42 25/023 05832 04/0752 08133 16%43 12117 04466 09440 18 25823 05/0762 24%42 25/023 05832 04/0752 08133 16%43 12117 04466 09440 18 25823 05/0762 24%42 25/023 05832 04/0760 08133 16%43 12117 04466 09440 25825 05/0762 05/0762 05/0762 05/0762 05/0762 08133 16%43 12117 04466 09440 18 25823 05/0762 24%42 25/023 05/0827 05/0760 08133 16%43 12117 04466 09440 18 25823 05/0762												
2	Day											
24 823   27,447   18,733   18,018   06,830   28,047   08129   14,722   081142   281174   05,043     5 24 835   28,042   19,713   19,040   06,831   29,042   08130   14,741   10108   291170   05,056     6 24 840   29,030   19,735   19,035   06,831   00,017   08131   14,751   101120   00,002   06,056     7 24 845   29,036   19,745   20,000   06,805   00,00130   08131   15,702   101132   00,002   06,0635     8 24 855   001704   20,745   20,000   06,805   01,00130   08131   15,702   101132   00,002   06,0633     10 24 859   001705   20,746   20,005   05,8055   01,00132   01,00130   00,00130   08132   15,712   101144   00,00130   00,0	-											
4   24   82   92   82,0   15   18,753   180,44   0622   290,14   08   130   14,73   09   156   29   170   05   05   05   06   06   07   09   06   07   09   06   07   09   08   07   09   08   07   09   08   07   09   08   07   09   08   07   09   08   07   09   08   07   09   08   07   09   08   07   09   08   07   09   08   07   09   08   07   09   08   07   09   09   08   07   09   09   08   07   09   09   08   07   09   09   08   07   09   09   08   07   09   09   09   08   08   08   07   09   09   09   09   09   08   08   08												
5												
6												
24 845   29,036   19,754   20,000   06,500   00,000   08,000   01,000   08,000   01,000   08,000   01,000   08,000   01,000   08,000   01,000   08,000   01,000   08,000   01,000   08,000   00,000   0												
8 24850 000FP04 20x14 20x25 05eex00 01FP06 08 B32 15x12 101E44 00ex53 06ex52 10 24859 00FP05 00FP05 20x57 21x15 05ex55 01FP34 08B32 15x22 101E55 01E9 07x40 11 25803 01FP05 20x57 21x15 05ex47 02FP03 08 B33 15x34 11 B106 01ex44 07x29 11 25807 01FP05 21x40 22x06 05ex43 02FP58 08 08 B33 15x34 11 B107 02x10 07x47 12 25807 01FP05 21x40 22x06 05ex43 02FP58 08 08 B33 15x34 11 B107 02x10 07x47 12 25807 01FP05 22x40 22x30 05ex40 03FP26 08 B33 16x45 11 B107 02x20 08ex25 12 25815 03FP13 22x47 23x20 05ex40 03FP26 08 B33 16x40 11 B108 03ex20 08ex25 15 25815 03FP13 22x47 23x20 05ex34 04FP20 08 B33 16x30 11 B108 03ex20 08ex25 16 25818 04FP07 23x20 23x32 440 05ex30 05FP18 08 B33 16x40 11 B108 03ex20 08ex25 17 25819 04FP07 23x32 24x10 05ex30 05FP18 08 B33 16x40 12 B108 04ex20 09ex1 18 25821 04FP3 23x32 23x55 24x34 05ex20 05FP03 05FP18 04FP07 23x32 24x40 05ex30 05FP18 08 B33 16x40 12 B108 04ex20 09ex1 12 5823 05FP26 24x42 25x23 05Ex20 05FP03 05FP18 05Ex20 05FP18 05	6				_							
9	7					<u>06≈05</u>	00 <b>11</b> 738					06 <b>-</b> 33
10	8										00 <b>≏</b> 53	
11   25 803   01mp26   21x48   21,941   05sx47   02mp30   08 133   15x44   11 117   02x10   07x47   12 25 807   01mp53   21x40   22,966   05sx43   03mp64   08 133   15x45   11 1138   03x02   08x25   14 25 813   02mp47   22x42   22,955   05sx37   03mp54   08 133   16x30   11 1138   03x62   08x25   05x37   03mp54   08 133   16x30   11 1158   03x62   08x25   05x37   03mp54   08 133   16x30   11 1158   03x62   08x625   05x37   03mp54   08 133   16x30   11 1158   03x62   08x625   05x37   03mp54   08 133   16x30   11 1158   03x624   09x62   05x634   04mp37   25 819   04mp77   23x32   24410   05sx30   05mp18   08 133   16x54   12 117   04x64   09x40   09x61   09x624   04mp37   23x355   244910   05sx30   05mp18   08 133   16x54   12 117   04x64   09x40   09x61   02x503   05mp26   24x42   25,923   05mx27   06mp14   08 132   17x30   12 1235   05x638   10x17   02 58 23   06mp3   25x30   25,923   05sx27   06mp14   08 132   17x31   12 133   05x638   10x17   02 25 823   06mp3   25x30   25,923   05sx27   07mp3   08 131   17x57   12 159   06x56   11x14   02x63   05x63   05x63   05x63   05x63   05x63   05x63   05x63   05x63   05x63   08 130   18x24   13 113   07x49   11x52   05x63   05x63   05x63   05x63   05mp29   08 128   18x37   13 119   08x15   12x40   05x63   05x63   05x63   05x63   05 127   05x63	9				20 ე 50	<u>05≈55</u>	0111734	08 II 32			01 <b>△</b> 19	
12   25 807   01   01   01   03   21   40   22,906   05   05   03   08   03   15   05   01   11   11   11   11   11						<u>05≈51</u>						
13			01 <b>m</b> 26	21≯18	21&41		0211730	08 II 33	15≯744		02 <b>-</b> 210	07 <b>≏</b> 47
14			01 <b>m</b> 53			<u>05≈43</u>					02 <b>≏</b> 36	
15	13		02 <b>11</b> 20	22 <b>₹</b> 02	22&30	<u>05≈40</u>	03 <b>11</b> 726	08 II 33	16≯707	11 🛚 38	03 <b>≏</b> 02	08 <b>-</b> 25
16	14		02 <b>M</b> 247	22🗷 24		<u>05≈37</u>	0311754	08 II 33	16⊀18	11 II 49	03 <b>-</b> 28	08 <b>-</b> 43
17	15	25 & 15	03 <b>M</b> 213	22 <b>×</b> 747	23&20	<u>05≈34</u>	04 <b>M</b> 22	<u>08 II 33</u>	16≯730	11 🛚 58	03 <b>-</b> 54	09 <b>-</b> 202
18	16	25 8 18	0311740	23🛪 09		05≈32	0411750	08 II 33	16 🗷 42		04-20	09-21
18	17	25 <del>8</del> 19	04 <b>11</b> 707	23🛪 32		05≈30	05 <b>m²</b> 18	08 II 33	16≯754	12 II 17		09-240
20 25 823 05 m 26 24 x 42 25 023 05 x 27 06 m 42 08 m 32 17 x 31 12 m 3 06 x 04 10 x 36 21 25 t 23 05 m 53 25 x 06 25 048 05 x 27 07 m 10 08 m 31 17 x 44 12 m 51 06 x 30 10 x 55 22 25 8 23 06 m 19 25 x 30 26 0 12 05 x 27 07 m 38 08 m 31 17 x 44 12 m 51 06 x 30 10 x 55 22 25 8 23 06 m 19 25 x 30 26 0 12 05 x 27 08 m 70 08 m 31 17 x 37 12 m 50 06 x 61 11 x 14 24 25 8 22 07 m 12 26 x 18 27 00 1 05 x 28 08 m 34 08 m 30 18 x 10 13 m 60 07 x 23 11 x 33 24 25 8 22 07 m 12 26 x 18 27 00 1 05 x 28 08 m 34 08 m 30 18 x 10 13 m 10 07 x 49 11 x 52 25 25 25 21 07 m 12 26 x 18 3 27 02 5 05 x 30 09 m 70 2 08 m 29 18 x 37 13 m 13 0 08 x 15 12 x 10 08 x 10 09 m 20 08 m 12 08 m 12 0 08 x 12 0 08	18	25 & 21	04 <b>m</b> 233	23≯755	24∂34	05≈29	05 <b>17</b> 46	08 II 32	17≯706		05 <b>-</b> 2	09 <b>≏</b> 58
20											05 <b>≏</b> 38	
21 25 823 05 m/53 25 806 25 048 05 827 07 m/10 08 131 17 844 12 15 1 06 230 10 25 5 22 25 823 06 m/16 25 830 26 01 2 25 802 06 m/16 25 804 12 05 827 07 m/38 08 131 17 857 12 15 15 06 25 11 2 1 2 3 2 5 823 06 m/16 25 8 26 04 3 7 05 827 08 m/34 08 130 18 8 1 1 3 1 1 3 07 2 4 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	20	25 8 23	05 <b>17</b> 26	24🗷 42		05≈27	06 <b>17</b> 42		17 <i>オ</i> 31	12 <b>I</b> I 43	06 <b>-</b> 204	10 <b>-2</b> 36
23         25 823         06m746         25 ₹54         26 € 37         05 ≈ 27         08m706         08 ≡ 30         18 ₹ 10         13 ≡ 10         07 △ 23         11 △ 33           24         25 822         07m712         26 ₹ 18         27 € 01         05 ≈ 30         09m702         08 ≡ 29         18 ₹ 37         13 ≡ 19         08 △ 15         12 △ 10           25         25 821         07m798         26 ₹ 34         27 € 49         05 ≈ 31         09m702         08 ≡ 29         18 ₹ 37         13 ≡ 19         08 △ 15         12 △ 10           26         25 819         08m704         27 ₹ 38         28 € 31         05 ≈ 31         09m727         08 ≡ 26         18 ₹ 37         13 ≡ 12 6         08 △ 42         12 △ 29           28         25 815         08m756         27 ₹ 58         28 € 37         05 ≈ 36         10m725         08 ≡ 26         19 ₹ 33         13 ≡ 32         09 △ 08         12 △ 48           29         25 812         09m74         28 ₹ 48         29 £ 24         05 ≈ 42         11 m725         08 ≡ 26         19 ₹ 33         13 ≡ 47         10 △ 01         13 △ 26           30         25 805         10m73         29 ₹ 18         05 ≈ 42         11 m749         08 ≡ 23		25 & 23	05 <b>m</b> 53	25≯706		05≈27	07 <b>m</b> ²10	08 II 31	17≯744	12 <b>I</b> I51	06-230	10 <b>≏</b> 55
23         25 823         06m746         25 ₹54         26 € 37         05 ≈ 27         08m706         08 ≡ 30         18 ₹ 10         13 ≡ 10         07 △ 23         11 △ 33           24         25 822         07m712         26 ₹ 18         27 € 01         05 ≈ 30         09m702         08 ≡ 29         18 ₹ 37         13 ≡ 19         08 △ 15         12 △ 10           25         25 821         07m798         26 ₹ 34         27 € 49         05 ≈ 31         09m702         08 ≡ 29         18 ₹ 37         13 ≡ 19         08 △ 15         12 △ 10           26         25 819         08m704         27 ₹ 38         28 € 31         05 ≈ 31         09m727         08 ≡ 26         18 ₹ 37         13 ≡ 12 6         08 △ 42         12 △ 29           28         25 815         08m756         27 ₹ 58         28 € 37         05 ≈ 36         10m725         08 ≡ 26         19 ₹ 33         13 ≡ 32         09 △ 08         12 △ 48           29         25 812         09m74         28 ₹ 48         29 £ 24         05 ≈ 42         11 m725         08 ≡ 26         19 ₹ 33         13 ≡ 47         10 △ 01         13 △ 26           30         25 805         10m73         29 ₹ 18         05 ≈ 42         11 m749         08 ≡ 23		<u>25 8 23</u>				05≈27	07 <b>11</b> 738		17 <i>≯</i> 757	12 II 59	06 <b>-</b> 56	
24         25 8 22         07 m 12         26 8 18         27 € 01         05 ∞ 28         08 m 34         08 m 30         18 ж 24         13 m 13         07 △ 49         11 △ 52           25         25 8 21         07 m 38         26 x 43         27 € 25         05 ∞ 30         09 m 02         08 m 29         18 x 35         13 m 19         08 ∞ 15         12 △ 10           26         25 8 19         08 m 04         27 x 32         28 € 13         05 ∞ 33         09 m 75         08 m 27         19 x 19         13 m 20         09 ∞ 08         12 m 24           28         25 8 15         08 m 56         27 x 58         28 € 37         05 ∞ 36         10 m 25         08 m 26         19 x 19         13 m 37         09 ∞ 35         13 ∞ 07           29         25 8 12         09 m 27         28 x 48         29 € 20         05 ∞ 42         11 m 21         08 m 26         19 x 19         13 m 37         09 ∞ 35         13 ∞ 07           29         25 8 09         09 m 47         28 x 48         29 € 24         05 ∞ 42         11 m 21         08 m 22         19 x 31         13 m 47         10 ∞ 01         13 ∞ 5           20 2 2 5 8 09         09 m 47         28 x 48         29 € 24         05 ∞ 42         11 m 21<	23	25 8 23	06 <b>M</b> 246	25≯54	26 237	05≈27	0811706	08 II 30	18 ⊀ 10	13 X 06	07 <b>≏</b> 23	11-233
25   25 \( 25 \) 21   07 \) 07 \( 17 \) 38   26 \( 27 \) 43   27 \( \hat{Q} \) 25   05 \( 27 \) 34   05 \(27 \) 34   05 \( 27 \) 34   05 \(			07 <b>1</b> 712	26≯18	27	05≈28	08 <b>117</b> 34	08 II 30	18≯724	13 II 13	07 <b>-</b> 49	
26   25819   08mr04   27 × 08   27 √ 249   05 × 31   09mr29   08 × 12   18 × 51   13 × 12   08 × 42   12 × 29   27   25 × 17   08mr30   27 × 32   28 √ 13   05 × 33   09mr57   08 × 12   19 × 19   13 × 13   09 × 08   12 × 48   28 × 25 × 15   08mr56   27 × 58   28 √ 37   05 × 36   10mr25   08 × 126   19 × 13 × 13   09 × 03   13 × 02   02 × 10 × 10 × 10 × 10 × 13 × 13   09 × 13 × 13 × 10 × 13 × 13 × 10 × 13 × 13		<u> 25 8 21</u>	07 <b>11</b> 738	26≯743		05≈30	0911702	08 II 29	18≯737	13 II 19	08 <b>-</b> 215	12-10
27   25 8 17   08 m 30   27 x 32   28 \( Q \) 13   05 x 33   09 m 57   08 \( \bar{12} \) 19 x 05   13 \( \bar{13} \) 13 2   09 \( \chincolor{0} \) 8   28 \( \bar{15} \) 08 m 56   27 x 58   28 \( \Qar{15} \) 3   29 \( \Qar{10} \) 05 x 39   10 m 53   08 \( \bar{12} \) 19 x 33   13 \( \bar{14} \) 10 \( \chincolor{0} \) 13 \( \bar{13} \) 3   09 \( \chincolor{0} \) 5   13 \( \bar{12} \) 10 \( \chincolor{0} \) 13 \( \bar{12} \) 28 \( \bar{12} \) 29 \( \Qar{10} \) 05 x 39   10 m 53   08 \( \bar{12} \) 19 x 33   13 \( \bar{14} \) 10 \( \chincolor{0} \) 13 \( \bar{12} \) 28 \( \bar{14} \) 29 \( \Qar{14} \) 10 \( \bar{15} \) 20 \( \chincolor{0} \) 10 \( \chincolor{0} \) 13 \( \bar{14} \) 10 \( \chincolor{0} \) 13 \( \bar{14} \) 10 \( \chincolor{0} \) 13 \( \bar{15} \) 10 \( \chincolor{0} \) 14 \( \bar{10} \) 10 \( \bar{15} \) 10 \( \chincolor{0} \) 13 \( \bar{15} \) 10	26		08 <b>11</b> 904	27≯708	27	05≈31	091129	08 II 28	18≯751	13 X 26	08 <b>-</b> 42	
29 25 8 12 09 m 21 28 x 23 29 0 0 05 x 39 10 m 53 08 x 25 19 x 33 13 x 42 10 x 01 13 x 26 30 25 8 0 09 m 47 28 x 48 29 0 05 x 42 11 m 21 08 x 24 19 x 47 13 x 47 10 x 28 13 x 45 0ctober 1984, 00:00:00, New York, New York, Congitude	27		08 <b>m</b> 30			05≈33	09 <b>m</b> 257		19≯705	13 X 32	09 <b>-</b> 208	
29 25 8 12 09 m 21 28 x 23 29 0 0 05 x 39 10 m 53 08 x 25 19 x 33 13 x 42 10 x 01 13 x 26 30 25 8 0 09 m 47 28 x 48 29 0 05 x 42 11 m 21 08 x 24 19 x 47 13 x 47 10 x 28 13 x 45 0ctober 1984, 00:00:00, New York, New York, Congitude	28	25 <del>8</del> 15	08 <b>m</b> 56	27≯758	28 ე 37	05≈36	1011/25	08 II 26	19 <b>水</b> 19	13 X 37	09 <b>-</b> 35	13 <b>-</b> 207
25 809   09ff   7   28 x 48   29 0 24   05 x 42   11 ff   21 0 8 x 24   19 x 47   13 x 47   10 28   13 245												
Day   Ceres   Juno   Eros   Sapho   Psyche   Vesta   Chiron   Ophelia   Amor   Astarte   Erato   1   25 80 5   10 m 13   29 x 13   29 x 48   05 x 46   11 m 49   08 x 22   20 x 10   13 x 51   10 x 54   14 x 04   2   25 80 1   10 m 138   29 x 39   00 m 12   05 x 50   12 m 17   08 x 22   20 x 16   13 x 15   11 x 21   14 x 23 x 3   24 x 57   11 m 04   00 x 10 5 x 54   12 m 45   08 x 21   20 x 31   13 x 15   11 x 24   14 x 24   24 x 52   11 m 29   00 x 31   00 m 59   05 x 59   13 m 13   08 x 20   20 x 46   14 x 10   12 x 14   15 x 20   15 x 24 x 42   12 m 20   01 x 12   06 x 04   13 m 40   08 x 18   21 x 01   14 x 104   12 x 14   15 x 20   15 x 24 x 34   12 m 20   01 x 12   06 x 04   13 m 40   08 x 18   21 x 01   14 x 104   12 x 14   15 x 20   15 x 24 x 30   13 m 10   02 x 17   02 m 30   06 x 16   14 m 36   08 x 17   21 x 16   14 x 106   13 x 207   15 x 39   17 x 24 x 30   13 m 10   02 x 17   02 m 32   06 x 22   15 m 04   08 x 11   21 x 47   14 x 109   14 x 21   15 x 25   12 x 31   14 x 108   13 x 34   15 x 25   12 x 31   14 x 108   13 x 34   15 x 25   15 x 34					29 24	05≈42	111121	08 II 24	19 <b>×</b> 747	13 II 47	10 <b>≏</b> 28	
1 25805 10mr13 29x13 29x48 05x46 11mr49 08 123 20x02 13 151 10x54 14x04 2 25801 10mr38 29x39 00mr12 05x50 12mr17 08 122 20x16 13 155 11x21 14x23 3 24857 11mr04 00v105 00mr35 05x54 12mr45 08 121 20x31 13 158 11x47 14x42 4 24852 11mr29 00v131 00mr59 05x59 13mr13 08 120 20x46 14 101 12x14 15x01 5 24847 11mr55 00v158 01mr22 06x04 13mr40 08 18 21 21x01 14 104 12x41 15x01 6 24842 12mr20 01v124 01mr46 06x10 14mr08 08 11 21x16 14 106 13x07 15x39 7 24836 12mr45 01v151 02mr09 06x16 14mr36 08 115 21x31 14 108 13x34 15x58 8 24830 13mr10 02v117 02mr32 06x22 15mr04 08 114 21x47 14 109 14x01 16x17 9 24824 13mr35 02v144 02mr55 06x28 15mr32 08 112 22x02 14 110 14x27 16x36 10 24817 14mr00 03v111 03mr18 06x35 15mr59 08 110 22x18 14 110 14x54 16x55 11 24809 14mr25 03v138 03mr41 06x43 16mr27 08 109 22x34 14 110 15x21 17x14 12 24802 14mr49 04v106 04mr03 06x50 16mr55 08 107 22x50 14 109 15x48 17x33 13 23854 15mr14 04v133 04mr26 06x58 17mr23 08 105 23x36 14 100 15x48 17x33 13 23854 15mr14 04v133 04mr26 06x58 17mr23 08 105 23x36 14 100 15x48 17x35 18x48 17 23818 16mr27 05v156 05mr33 07x24 18mr46 07 159 23x55 14 102 17x35 18x48 17 23818 16mr27 05v156 05mr33 07x24 18mr46 07 159 23x55 14 102 17x35 18x48 17 23818 16mr27 05v156 05mr33 07x24 18mr46 07 155 24x28 13 155 18x29 19x26 19 22859 17mr39 07v120 06mr40 07x53 20mr08 07 153 24x45 13 151 18x56 19x45 20 22848 18mr03 07v149 07mr02 08x04 20mr36 07 155 25x02 13 146 19x23 20x04												
2 25801 10m738 29x39 00m712 05x50 12m717 08 m22 20x16 13 m55 11 x21 14 x23 3 24 x57 11m704 00v305 00m735 05x54 12m745 08 m21 20x31 13 m58 11 x47 14 x42 4 x452 11m729 00v31 00m759 05x59 13m713 08 m20 20x46 14 m01 12 x44 15 x01 5 24 x47 11m755 00v358 01m722 06x04 13m740 08 m18 21 x01 14 m04 12 x41 15 x01 6 24 x42 12m720 01v324 01m746 06x10 14m708 08 m17 21x16 14 m06 13 x07 15 x39 7 24 x36 12m745 01v351 02m709 06x16 14m736 08 m15 21x31 14 m08 13 x34 15 x58 8 24 x30 13m710 02v317 02m732 06x22 15m04 08 m14 21x47 14 m09 14 x01 16 x17 9 24 x24 13m735 02v344 02m755 06x28 15m732 08 m12 22 x02 14 m10 14 x01 16 x36 10 24 x17 14m700 03v311 03m748 06x35 15m732 08 m10 22 x34 14 m10 14 x01 16 x55 11 24 x09 14m725 03v338 03m741 06x43 16m727 08 m09 22 x34 14 m10 14 x01 15 x01 17 x14 12 24 x02 14m749 04v306 04m703 06x50 16m755 08 m07 22 x50 14 m0 15 x04 17 x05 11 x05 1	Day			Eros S		Psyche	Vesta		Ophelia		Astarte	
3       24857       11mr04       00vr05       00mr35       05≈54       12mr45       08 m 21       20 x 31       13 m 58       11 m 47       14 m 42         4       24852       11mr29       00vr31       00mr59       05≈59       13mr13       08 m 20       20 x 46       14 m 01       12 m 14       15 m 15         5       24847       11mr55       00vr38       01mr22       06≈04       13mr40       08 m 18       21 x 01       14 m 04       12 m 41       15 m 20         6       24842       12mr20       01vr34       01mr46       06 m 10       14mr08       08 m 17       21 x 16       14 m 06       13 m 07       15 m 39         7       24836       12mr45       01vr351       02mr09       06 m 16       14mr36       08 m 15       21 x 31       14 m 08       13 m 34       15 m 39         8       24830       13mr10       02vr317       02mr32       06 m 22       15mr04       08 m 14       21 x 47       14 m 09       14 m 10       14 m 27       16 m 36         10       24817       14mr00       03vr31       03mr18       06 m 35       15mr32       08 m 10       22 x 18       14 m 10       14 m 27       16 m 36         11	1	<u>25 8 05</u>	1011713		29ഹ48		1111749			13 <b>I</b> 51	10 <b>≏</b> 54	
4       24852       11m29       00v331       00m59       05≈59       13m13       08 120       20 46       14 101       12 14       15 201         5       24847       11m55       00v358       01m22       06 06       04       13m40       08 18       21 701       14 104       12 241       15 20         6       24842       12m20       01v324       01m46       06 11       14m08       08 11       21 71       14 106       13 207       15 239         7       24836       12m45       01v351       02m09       06 22       15m04       08 11       21 731       14 108       13 234       15 258         8       24830       13m10       02v317       02m32       06 22       15m04       08 11       21 731       14 109       14 201       16 217         9       24824       13m35       02v344       02m55       06 28       15m32       08 11       22 702       14 10       14 227       16 236         10       24817       14m00       03v33       03m41       06 23       15m59       08 10       22 73 8       14 110       14 25 4       16 25 5         11       24809       14m49       04v30       06 25			1011738			05≈50						
5         24847         11m755         00v558         01m22         06≈04         13m40         08 18         21x01         14 104         12-41         15-20           6         24842         12m20         01v324         01m46         06≈10         14m08         08 17         21x16         14 106         13-07         15-39           7         24836         12m45         01v351         02m09         06≈16         14m36         08 15         21x31         14 108         13-07         15-39           8         24830         13m710         02v317         02m32         06≈22         15m04         08 112         22x31         14 109         14-01         16-17           9         24824         13m35         02v344         02m55         06≈28         15m32         08 112         22x302         14 10         14-27         16-36           10         24817         14m00         03v31         03m18         06≈35         15m59         08 110         22x34         14 110         14-27         16-36           11         24809         14m49         04v36         04m03         06≈35         15m59         08 109         22x34         14 110         14-25         15-21 <td></td>												
6 24842 12m²20 01w²24 01m²46 06≈10 14m²08 08 17 21 16 14 16 13 207 15 23 9 7 24836 12m²45 01w³51 02m²09 06≈16 14m³6 08 15 21 31 14 108 13 234 15 25 8 24830 13m²10 02w³17 02m³32 06≈22 15m°04 08 14 21 34 14 109 14 201 16 21 7 9 24824 13m³35 02w³44 02m³55 06≈28 15m³32 08 12 22 302 14 10 14 201 16 21 7 10 24817 14m°00 03w³11 03m³18 06≈35 15m³32 08 10 22 14 10 14 201 16 20 1 12 24809 14m²25 03w³38 03m³41 06≈43 16m²27 08 109 22 34 14 10 15 21 17 21 12 24802 14m³49 04w³06 04m³03 06≈50 16m³55 08 107 22 30 14 109 15 24 17 21 17 21 12 23 85 15m³14 04w³33 04m²26 06≈58 17m²23 08 105 23 306 14 108 16 21 17 25 14 23 84 15m³38 05 04 04m²49 07 20 06 14 16 08 10 14 16 16 16 16 16 16 16 16 16 16 16 16 16												
7         24 836         12 m 45         01 m 51         02 m 09         06 ≈ 16         14 m 36         08 m 15         21 x 31         14 m 08         13 x 34         15 x 58           8         24 8 30         13 m 10         02 m 17         02 m 32         06 ≈ 22         15 m 04         08 m 14         21 x 47         14 m 09         14 x 01         16 x 17           9         24 8 24         13 m 35         02 m 44         02 m 55         06 ≈ 28         15 m 32         08 m 12         22 x 02         14 m 10         14 x 27         16 x 36           10         24 8 17         14 m 00         03 m 11         03 m 18         06 ≈ 35         15 m 59         08 m 10         22 x 18         14 m 10         14 x 54         16 x 55           11         24 8 09         14 m 25         03 m 38         03 m 41         06 ≈ 43         16 m 27         08 m 09         22 x 34         14 m 10         15 x 21         17 x 14           12         24 8 02         14 m 49         04 m 03         06 ≈ 50         16 m 55         08 m 07         22 x 50         14 m 09         15 x 48         17 x 33           13         23 8 45         15 m 38         05 m 00         06 m 50         17 m 50         08 m 03         <												
8 24 8 30 13 m 10 02 d 17 02 m 32 06 ≈ 22 15 m 04 08 x 14 21 x 47 14 x 109 14 ≈ 01 16 ≈ 17 9 24 8 24 13 m 35 02 d 44 02 m 25 06 ≈ 28 15 m 32 08 x 12 22 x 02 14 x 10 14 ≈ 27 16 ≈ 36 10 24 8 17 14 m 00 03 d 11 03 m 18 06 ≈ 35 15 m 59 08 x 10 22 x 18 14 x 10 14 ≈ 54 16 ≈ 55 11 24 8 09 14 m 25 03 d 38 03 m 41 06 ≈ 43 16 m 27 08 x 10 22 x 34 14 x 10 15 ≈ 21 17 ≈ 14 12 24 8 02 14 m 49 04 d 06 04 m 03 06 ≈ 50 16 m 55 08 x 10 22 x 50 14 x 10 15 ≈ 48 17 ≈ 33 13 23 x 54 15 m 14 04 d 33 04 m 26 06 ≈ 58 17 m 23 08 x 10 5 23 x 106 14 x 108 16 ≈ 15 17 ≈ 52 14 23 x 37 16 m 03 05 d 28 05 m 11 07 ≈ 15 18 m 18 08 x 10 1 23 x 38 14 x 10 15 ≈ 48 11 ≈ 30 16 ≈ 23 x 28 16 m 27 05 d 56 05 m 33 07 ≈ 24 18 m 46 07 x 59 23 x 55 14 x 10 2 17 ≈ 35 18 ≈ 48 17 ≈ 23 x 18 16 m 51 06 d 52 06 m 18 07 ≈ 43 19 m 13 07 x 57 24 x 11 13 x 59 18 ≈ 02 19 ≈ 07 18 23 x 10 17 m 15 06 d 52 06 m 18 07 ≈ 43 19 m 13 07 x 15 24 x 13 x 15 18 ≈ 26 19 ≈ 26 19 22 x 48 18 m 03 07 d 49 07 m 02 08 ≈ 04 20 m 36 07 x 15 12 x 30 13 x 146 19 ≈ 23 20 ≈ 04 20 07 x 10 08 x 10 10 x 10 1 x 10 10 10 10 10 10 10 10 10 10 10 10 10												
9 24 8 24 13 m 35 02 w 34 02 m 55 06 ≈ 28 15 m 32 08 x 12 22 × 02 14 x 10 14 ≈ 27 16 ≈ 36 10 24 × 17 14 m 00 03 w 11 03 m 18 06 ≈ 35 15 m 59 08 x 10 22 × 18 14 x 10 14 ≈ 54 16 ≈ 55 11 24 × 09 14 m 25 03 w 38 03 m 41 06 ≈ 43 16 m 27 08 x 09 22 × 34 14 x 10 15 ≈ 21 17 ≈ 14 12 24 × 02 14 m 49 04 w 06 04 m 03 06 ≈ 50 16 m 55 08 x 07 22 × 50 14 x 09 15 ≈ 48 17 ≈ 33 13 23 × 54 15 m 14 04 w 33 04 m 26 06 ≈ 58 17 m 23 08 x 05 23 × 06 14 x 08 16 ≈ 15 17 ≈ 52 14 23 × 45 15 m 38 05 w 00 04 m 49 07 ≈ 07 17 m 50 08 x 03 23 × 22 14 x 07 16 ≈ 42 18 ≈ 11 15 23 × 37 16 m 03 05 w 28 05 m 11 07 ≈ 15 18 m 18 08 x 01 23 × 38 14 x 04 17 ≈ 09 18 ≈ 30 16 23 × 28 16 m 27 05 w 56 05 m 33 07 ≈ 24 18 m 46 07 x 59 23 × 55 14 x 02 17 ≈ 35 18 ≈ 48 17 ≈ 23 × 18 16 m 51 06 w 24 05 m 56 07 ≈ 34 19 m 13 07 x 57 24 × 11 13 x 59 18 ≈ 02 19 ≈ 07 18 ≥ 23 × 09 17 m 15 06 w 52 06 m 18 07 ≈ 43 19 m 41 07 x 55 24 × 28 13 x 55 18 ≈ 29 19 ≈ 26 19 22 × 48 18 m 03 07 w 49 07 m 02 08 ≈ 04 20 m 36 07 x 51 25 × 02 13 x 46 19 ≈ 23 20 ≈ 04												
10 24 8 17 14 m 700 03 w 11 03 m 18 06 ≈ 35 15 m 59 08 x 10 22 x 18 14 x 10 14 ≈ 54 16 ≈ 55 11 24 8 09 14 m 725 03 w 38 03 m 74 106 ≈ 43 16 m 727 08 x 09 22 x 34 14 x 10 15 ≈ 21 17 ≈ 14 12 24 8 02 14 m 74 9 04 w 106 04 m 703 06 ≈ 50 16 m 55 08 x 07 22 x 50 14 x 09 15 ≈ 48 17 ≈ 33 13 23 8 54 15 m 14 04 w 133 04 m 726 06 ≈ 58 17 m 723 08 x 05 23 x 06 14 x 09 15 ≈ 48 17 ≈ 52 14 23 8 45 15 m 38 05 w 100 04 m 74 9 07 ≈ 07 17 m 750 08 x 03 23 x 22 14 x 07 16 ≈ 42 18 ≈ 11 15 23 8 37 16 m 703 05 w 128 05 m 11 07 ≈ 15 18 m 18 08 x 01 23 x 38 14 x 04 17 ≈ 09 18 ≈ 30 16 23 x 28 16 m 727 05 w 156 05 m 73 07 ≈ 24 18 m 746 07 x 15 23 x 35 14 x 02 17 ≈ 35 18 ≈ 48 17 23 x 18 16 m 51 06 w 124 05 m 56 07 ≈ 34 19 m 13 07 x 15 24 x 11 13 x 159 18 ≈ 02 19 ≈ 07 18 23 x 10 17 m 73 07 x 12 06 m 74 07 x 15 24 x 11 13 x 15 18 ≈ 26 19 ≈ 26 19 22 x 15 17 m 73 07 x 14 07 x 15 24 x 15 13 x 15 18 ≈ 26 19 ≈ 26 22 x 18 18 m 703 07 x 14 07 x 15 25 x 02 13 x 14 0 19 ≈ 23 20 ≈ 04 20 x 24 8 18 m 703 07 x 14 07 x 15 25 x 02 13 x 14 0 19 ≈ 23 20 ≈ 04 20 x 15 x 1												
11 24 809 14 m 25 03 v 38 03 m 41 06 ≈ 43 16 m 27 08 m 09 22 × 34 14 m 10 15 ≈ 21 17 ≈ 14 12 24 8 02 14 m 49 04 v 106 04 m 03 06 ≈ 50 16 m 55 08 m 07 22 × 50 14 m 09 15 ≈ 48 17 ≈ 33 13 23 × 54 15 m 14 04 v 133 04 m 26 06 ≈ 58 17 m 23 08 m 05 23 × 06 14 m 08 16 ≈ 15 17 ≈ 52 14 23 × 45 15 m 38 05 v 100 04 m 49 07 ≈ 07 17 m 50 08 m 03 23 × 22 14 m 07 16 ≈ 42 18 ≈ 11 15 23 × 37 16 m 03 05 v 128 05 m 11 07 ≈ 15 18 m 18 08 m 01 23 × 38 14 m 04 17 ≈ 09 18 ≈ 30 16 23 × 28 16 m 27 05 v 156 05 m 33 07 ≈ 24 18 m 46 07 m 159 23 × 55 14 m 02 17 ≈ 35 18 ≈ 48 17 23 × 18 16 m 51 06 v 124 05 m 56 07 ≈ 34 19 m 13 07 m 15 24 × 11 13 m 159 18 ≈ 02 19 ≈ 07 18 ≈ 23 × 09 17 m 15 06 v 152 06 m 18 07 ≈ 43 19 m 41 07 m 155 24 × 28 13 m 155 18 ≈ 29 19 ≈ 26 19 22 × 48 18 m 03 07 v 149 07 m 02 08 ≈ 04 20 m 36 07 m 151 25 × 02 13 m 146 19 ≈ 23 20 ≈ 04	9	<u>24 8 24</u>	1311735		02 <b>m</b> 755	06 <b>≈</b> 28				14 II 10	14 <b>≏</b> 27	
12 24 8 02 14 m 49 04 v 66 04 m 03 06 ≈ 50 16 m 55 08 m 07 22 x 50 14 m 09 15 ≈ 48 17 ≈ 33 13 23 x 54 15 m 14 04 v 33 04 m 26 06 ≈ 58 17 m 23 08 m 05 23 x 06 14 m 08 16 ≈ 15 17 ≈ 52 14 23 x 45 15 m 38 05 v 100 04 m 49 07 ≈ 07 17 m 50 08 m 03 23 x 22 14 m 07 16 ≈ 42 18 ≈ 11 15 23 x 37 16 m 03 05 v 12 8 05 m 11 07 ≈ 15 18 m 18 08 m 01 23 x 38 14 m 04 17 ≈ 09 18 ≈ 30 16 23 x 28 16 m 27 05 v 15 6 05 m 33 07 ≈ 24 18 m 46 07 m 15 23 x 35 14 m 02 17 ≈ 35 18 ≈ 48 17 23 x 18 16 m 51 06 v 12 4 05 m 56 07 ≈ 34 19 m 13 07 m 15 24 x 11 13 m 15 18 ≈ 02 19 ≈ 07 18 ≈ 23 x 09 17 m 15 06 v 15 2 06 m 18 07 ≈ 43 19 m 41 07 m 15 24 x 28 13 m 15 18 ≈ 29 19 ≈ 26 19 ≈ 22 x 48 18 m 03 07 v 14 9 07 m 02 08 ≈ 04 20 m 36 07 m 15 25 x 02 13 m 146 19 ≈ 23 20 ≈ 04			1411700	03ฬ11	03 <b>M</b> 18	06 <b>≈</b> 35					14 <b>≏</b> 54	16 <b>≏</b> 55
13 23 854 15 m 14 04 d 33 04 m 26 06 ≈ 58 17 m 23 08 m 05 23 ≈ 06 14 m 08 16 ≈ 15 17 ≈ 52 14 23 845 15 m 38 05 d 00 04 m 49 07 ≈ 07 17 m 50 08 m 03 23 ≈ 22 14 m 07 16 ≈ 42 18 ≈ 11 15 23 8 37 16 m 03 05 d 28 05 m 11 07 ≈ 15 18 m 18 08 m 01 23 ≈ 38 14 m 04 17 ≈ 09 18 ≈ 30 16 23 8 28 16 m 27 05 d 56 05 m 33 07 ≈ 24 18 m 46 07 m 59 23 ≈ 55 14 m 02 17 ≈ 35 18 ≈ 48 17 23 8 18 16 m 51 06 d 24 05 m 56 07 ≈ 34 19 m 13 07 m 57 24 ≈ 11 13 m 59 18 ≈ 02 19 ≈ 07 18 23 8 09 17 m 15 06 d 52 06 m 18 07 ≈ 43 19 m 41 07 m 55 24 ≈ 28 13 m 55 18 ≈ 29 19 ≈ 26 19 ≈ 22 8 59 17 m 39 07 d 20 06 m 40 07 ≈ 53 20 m 08 07 m 53 24 ≈ 45 13 m 51 18 ≈ 56 19 ≈ 45 20 22 8 48 18 m 03 07 d 49 07 m 02 08 ≈ 04 20 m 36 07 m 51 25 ≈ 02 13 m 46 19 ≈ 23 20 ≈ 04				03M38	0311741	06 <b>≈</b> 43					15 <b>≏</b> 21	
14         23 8 45         15 m/38         05 w/00         04 m/49         07 ≈ 07         17 m/50         08 m/03         23 x 22         14 m/07         16 cm 24         18 cm 11           15         23 8 37         16 m/03         05 w/28         05 m/11         07 ≈ 15         18 m/18         08 m/01         23 x/38         14 m/04         17 cm 09         18 cm 30           16         23 8 28         16 m/27         05 w/56         05 m/33         07 ≈ 24         18 m/46         07 m/59         23 x/55         14 m/02         17 cm 35         18 cm 48           17         23 8 18         16 m/51         06 w/524         05 m/56         07 m/34         19 m/13         07 m/57         24 x/11         13 m/59         18 cm 02         19 cm 07           18         23 8 09         17 m/15         06 w/52         06 m/18         07 x/43         19 m/41         07 m/55         24 x/28         13 m/55         18 cm 29         19 cm 26           19         22 8 59         17 m/39         07 w/20         06 m/40         07 x/53         20 m/08         07 m/53         24 x/45         13 m/51         18 cm 6         19 cm 45           20         22 8 48         18 m/03         07 w/49         07 m/02         08 x/0			141749	041306	0411703	06≈50	16 <b>M</b> 255				15 <b>≏</b> 48	
15     23 837     16m03     05t/28     05m11     07≈15     18m18     08 II 01     23 38     14 II 04     17 △09     18 △30       16     23 828     16m27     05t/56     05m33     07≈24     18m46     07 II 59     23 35     14 II 02     17 △35     18 △48       17     23 818     16m51     06t/24     05m56     07≈34     19m13     07 II 57     24 ₹ 11     13 II 59     18 △02     19 △07       18     23 809     17m15     06t/52     06m18     07≈43     19m41     07 II 55     24 ₹ 28     13 II 55     18 △29     19 △26       19     22 859     17m39     07t/20     06m40     07≈53     20m08     07 II 53     24 ₹ 45     13 II 51     18 △56     19 △45       20     22 848     18m03     07t/49     07m02     08≈04     20m36     07 II 51     25 ₹ 02     13 II 46     19 △23     20 △04					04 <b>m</b> 26	06≈58	17 <b>11</b> 23					
16     23 8 28     16 m² 27     05 1/56     05 m³ 33     07 ≈ 24     18 m² 46     07 1/59     23 ₹55     14 1/2     17 △35     18 △48       17     23 8 18     16 m² 51     06 1/2     05 m² 56     07 ≈ 34     19 m² 13     07 1/57     24 ₹ 11     13 1/59     18 △02     19 △07       18     23 8 09     17 m² 15     06 1/52     06 m² 18     07 ≈ 43     19 m² 41     07 1/55     24 ₹ 28     13 1/55     18 △29     19 △26       19     22 8 59     17 m³ 39     07 1/52     06 m² 40     07 ≈ 53     20 m² 86     07 1/53     24 ₹ 45     13 1/51     18 △56     19 △45       20     22 8 48     18 m² 03     07 1/49     07 m² 02     08 ≈ 04     20 m² 36     07 1/51     25 ₹ 02     13 1/46     19 △23     20 △04	14			05ぱ00		07≈07	171750	08 II 03	23722	14 II 07		
17     23 8 18     16 m 51     06 d 24     05 m 56     07 ≈ 34     19 m 13     07 x 57     24 x 11     13 x 59     18 △02     19 △07       18     23 8 09     17 m 15     06 d 52     06 m 18     07 ≈ 43     19 m 41     07 x 55     24 x 28     13 x 55     18 △29     19 △26       19     22 8 59     17 m 39     07 d 20     06 m 40     07 ≈ 53     20 m 08     07 x 53     24 x 45     13 x 51     18 △ 56     19 △ 45       20     22 8 48     18 m 03     07 d 49     07 m 02     08 ≈ 04     20 m 36     07 x 51     25 x 02     13 x 46     19 △ 23     20 △ 04	15			05ฬ28	05MP11	07≈15	18 <b>11</b> 718	<u>08 II 01</u>		14 II 04	17 <b>△</b> 09	18 <b>-</b> 30
18     23 8 09     17 m 15     06 m 52     06 m 18     07 ≈ 43     19 m 41     07 x 55     24 ≈ 28     13 x 55     18 ≈ 29     19 ≈ 26       19     22 8 59     17 m 39     07 m 20     06 m 40     07 ≈ 53     20 m 08     07 x 53     24 ≈ 45     13 x 51     18 ≈ 56     19 ≈ 45       20     22 8 48     18 m 03     07 m 49     07 m 02     08 ≈ 04     20 m 36     07 x 51     25 ≈ 02     13 x 46     19 ≈ 23     20 ≈ 04	16	<u>23 8 28</u>	16 <b>m</b> 27	05ฬ56	05 <b>m</b> 33	07≈24	181746	07 II 59	23≯755		17 <b>≏</b> 35	18 <b>-</b> 48
18     23 8 09     17 m 15     06 m 52     06 m 18     07 ≈ 43     19 m 41     07 x 55     24 ≈ 28     13 x 55     18 ≈ 29     19 ≈ 26       19     22 8 59     17 m 39     07 m 20     06 m 40     07 ≈ 53     20 m 08     07 x 53     24 ≈ 45     13 x 51     18 ≈ 56     19 ≈ 45       20     22 8 48     18 m 03     07 m 49     07 m 02     08 ≈ 04     20 m 36     07 x 51     25 ≈ 02     13 x 46     19 ≈ 23     20 ≈ 04	17	<u>23 8 18</u>	16 <b>m</b> 251	06/324	05 <b>m</b> /56	07 <b>≈</b> 34	19 <b>1</b> 713	<u>07 II 57</u>	24🗷11	<u>13 II 59</u>	18 <b>-</b> 202	19 <b>-</b> 207
19 22 8 59 17 1 1 1 3 9 07 1 1 20 06 1 1 4 0 07 1 5 3 20 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	18	<u>23 8 09</u>	17 <b>1</b> 17	06ฬ52	06 <b>m</b> 18	07 <b>≈</b> 43	191741	07 II 55	24≯728		18-29	19 <b>-2</b> 26
	19	22 <del>8 5</del> 9	17 <b>11</b> 739	07/320	06 <b>m</b> /40	07≈53	20 <b>11</b> 08	07 II 53	24≯745	13 X 51	18 <b>-</b> 56	19 <b>-</b> 45
	20		18 <b>11</b> 903	07/349	0711702	08 <b>≈</b> 04	20 <b>11</b> 736	07 II 51	25≯702	13 II 46	19 <b>-2</b> 23	20-204
	21		18MP27	081317	07M23	08≈14	2111704	07 II 48	25 ₹ 19	13 II 41	19 <b>≏</b> 51	20-23

22	<u>22 8 27</u>	18 <b>m</b> /51	081346	07 <b>M</b> 245	08 <b>≈</b> 25	2111731	07 II 46	25≯736	13 II 35	20 <b>-</b> 218	20 <b>-</b> 42
23	<u>22 &amp; 16</u>	19 <b>1</b> 714	091ช14	08 <b>11</b> 907	08 <b>≈</b> 36	2117759	07 II 43	25≯753	13 II 28	20 <b>-2</b> 45	21-2-01
24	<u>22 8 04</u>	19 <b>17</b> 38	09ฬ43	08 <b>M</b> 28	08 <b>≈</b> 48	22 <b>17</b> 26	<u>07 II 41</u>	26≯710	<u>13 II 21</u>	21-12	21 <b>-</b> 219
25	<u>21 8 53</u>	20 <b>1</b> 001	101312	08 <b>m</b> /50	08 <b>≈</b> 59	22 <b>m</b> 53	<u>07 II 39</u>	26≯728	<u>13 II 14</u>	21 <b>-</b> 39	21 <b>-</b> 38
26	<u>21841</u>	20 <b>1</b> 725	10ฬ41	09MP11	09 <b>≈</b> 12	231721	<u>07 II 36</u>	26≯745	<u>13 II 06</u>	22 <b>≏</b> 06	21 <b>-</b> 57
27	<u>21 8 29</u>	20 <b>11</b> 748	111/311	09 <b>11</b> 732	09 <b>≈</b> 24	23 <b>M</b> 48	<u>07 II 33</u>	27 <b>₹</b> 03	<u>12 II 57</u>	22 <b>-</b> 33	22 <b>-2</b> 16
* <u>28</u>	<u>21 8 16</u>	2111712	11/341	09MP54	09 <b>≈</b> 37	24MP17	<u>07 II 31</u>	27≯22	<u>12 II 48</u>	23 <b>-</b> 202	22-235
29	<u>21803</u>	2111735	121311	10 <b>M</b> 215	09 <b>≈</b> 50	24MP44	<u>07 II 28</u>	27 <i>≯</i> 739	<u>12 🏿 38</u>	23 <b>-</b> 29	22 <b>-2</b> 54
30	<u>20 8 50</u>	21 <b>17</b> 58	121340	1011935	10≈03	25MP11	<u>07 II 25</u>	27 <i>≯</i> 757	<u>12 II 27</u>	23 <b>-</b> 56	23 <b>-</b> 213
31	<u>20 8 37</u>	22 <b>11</b> 720	13 <b>1</b> 310	1011756	10≈17	25MP38	<u>07 II 23</u>	28 🗷 15	<u>12 II 16</u>	24 <b>-</b> 23	23 <b>-</b> 31
						*/7.5	Tends				
			N	lovembe	r <b>1984</b> , 0		Vew York,	New York	k, Longitu	ıde	
Day	Ceres	Juno		Sappho			Chiron (			Astarte	Erato
1	20 8 24	2211743	131340	1111716	10≈31	26 <b>m</b> 05	07 II 20	28 🛪 33	12 II 05	24 <b>-</b> 50	23-250
2	20 8 11	2311705	141310	1111737	10≈45	26 <b>m</b> 33	07 II 17	28 🛪 52	11 II 53	25 <b>-</b> 218	24 <b>~</b> 09
3	19 8 57	2311728	141340	1111757	10≈59	27M200	07 II 14	29 🛪 09	11 II 40	25 <b>-</b> 45	24 <b>-</b> 27
4	19844	231750	151310	1211717	11≈14	27MP27	07 II 11	29 🛪 28	11 II 27	26-12	24-246
5	19830	2411712	151340	1211737	11≈28	27M254	07 II 08	29≯46	11 II 13	26-239	25-204
6	<u>19 8 16</u>	2411734	16 <b>V</b> \$10	1211757	11≈44	281721	07 II 05	00V305	10 II 59	27 <b>≏</b> 07	25 <b>-</b> 23
7	19802	24M256	16 <b>V</b> 341	13 <b>M</b> 216	11≈59	28 <b>M</b> 48	07 II 02	00V324	10 II 44	27 <b>-</b> 34	25 <b>-</b> 41
8	<u>18 8 49</u>	25MP17	17 <i>V</i> \$11	1311736	12 <b>≈</b> 14	29 <b>m</b> 14	06 II 59	00V342	10 II 29	28 <b>-</b> 201	26 <b>-</b> 200
9	18 <del>8</del> 35	25 <b>m</b> 39	17/342	1311755	12≈30	29 <b>M</b> 741	06 II 56	01/301	10 II 13	28 <b>≏</b> 28	26 <b>≏</b> 18
10	<u>18 8 21</u>	26 <b>17</b> 00	18 <b>1</b> 3	1411714	12≈46	80 <b>-</b> 00	06 II 53	011320	09 II 56	28 <b>-</b> 56	26 <b>-</b> 36
11	<u>18 8 07</u>	26 <b>M</b> 22	18 <b>1</b> 344	1411733	13≈02	00 <b>≏</b> 35	06 II 50	01ฬ39	09 II 40	29-23	26 <b>-</b> 54
12	<u> 17 8 53</u>	26 <b>17</b> 43	19 <b>1</b> 315	1417752	13 <b>≈</b> 19	01 <b>-</b> 01	<u>06 II 47</u>	01 <b>1</b> 358	<u>09 II 22</u>	29-250	27-213
13	17 8 39	27 <b>11</b> 704	19 <b>1</b> 346	15 <b>M</b> 211	13≈36	01 <b>-</b> 28	06 II 43	02\ช 17	09 II 04	00 <b>‰</b> 18	27- <b>△</b> 31
14	<u> 17 8 25</u>	27 <b>11</b> 25	201317	15 <b>17</b> 29	13 <b>≈</b> 53	01 <b>-</b> 54	<u>06 II 40</u>	02 <b>v</b> \$36	<u>08 II 46</u>	00№45	27 <b>-</b> 49
15	<u> 17 8 11</u>	27 <b>117</b> 45	20 <b>1</b> 348	15 <b>17</b> 748	14≈10	02 <b>-</b> 21	<u>06 II 37</u>	02 <b>1</b> 355	<u>08 II 27</u>	01ሙ12	28 <b>-</b> 207
16	<u> 16 8 57</u>	28 <b>117</b> 06	211ช19	16 <b>117</b> 06	14≈27	02 <b>-</b> 47	<u>06 II 34</u>	03 <b>1</b> 314	<u>80 II 80</u>	01№40	28 <b>-</b> 25
17	<u> 16 8 44</u>	28 <b>11</b> 726	211351	16 <b>17</b> 24	14≈45	03 <b>≏</b> 14	<u>06 II 30</u>	03133	<u>07 II 48</u>	02№07	28 <b>-</b> 43
18	<u> 16 8 30</u>	28 <b>M</b> 247	22V322	16 <b>M</b> 242	15≈02	03 <b>-2</b> 40	<u>06 II 27</u>	03 <b>1</b> 353	<u>07 II 28</u>	02№34	29 <b>-</b> 201
19	<u> 16 8 16</u>	29 <b>11</b> 706	22 <b>1</b> 354	16 <b>m</b> /59	15 <b>≈</b> 20	04 <b>-</b> 206	<u>06 II 24</u>	04V312	<u>07 II 08</u>	03№02	29 <b>-</b> 219
20	<u> 16 8 03</u>	29 <b>11</b> 726	23 <b>1</b> 26	17MP17	15 <b>≈</b> 39	04 <b>-</b> 33	<u>06 II 20</u>	04 <b>V</b> 332	<u>06 II 47</u>	03№29	29 <b>-</b> 37
21	<u>15 8 50</u>	29 <b>17</b> 46	23 <b>1</b> 358	1711934	15≈57	04 <b>-</b> 59	<u>06 II 17</u>	04ฬ51	<u>06 II 26</u>	03№56	29 <b>-</b> 54
22	<u>15837</u>	00 <b>≏</b> 06	24VI30	17MP51	16 <b>≈</b> 16	05 <b>-</b> 25	<u>06 II 14</u>	05 <b>1</b> 311	<u>06 II 04</u>	04ጤ24	00 <b>‰</b> 13
23	<u>15824</u>	00 <b>≏</b> 26	25 <b>1</b> 302	18 <b>11</b> 708	16≈34	05 <b>≏</b> 51	<u>06 II 10</u>	05 <b>1</b> 30	<u>05 II 43</u>	04№51	00M30
24	<u>15811</u>	00 <b>≏</b> 45	25 <b>1</b> 34	181725	16≈53	06 <b>≏</b> 17	<u>06 II 07</u>	05が50	05 II 21	05№18	00№48
25	<u>14 8 59</u>	01-04	26Vf06	181741		06-42		06V310		05№46	
26	14847	01 <b>≏</b> 23	26Vf38	181758	17≈32	07 <b>≏</b> 08	06 II 00	06 <b>V</b> 329	04 II 36	06 <b>№</b> 13	01M23
27	<u>14 8 35</u>	01 <b>≏</b> 42	27/311	191714	17≈51	07 <b>≏</b> 34	05 II 57	06V349	04 II 14	06M40	01M41
28	14823	02 <b>-</b> 00	27/343	191730	18≈11	07 <b>-</b> 59	05 II 54	07V309	03 X 51	07M08	011158
29	14811	02-219	281316	191745	18 <b>≈</b> 31	08-25	05 II 50	071329	03 II 28	07M35	02M15
30	<u>14 8 00</u>	02 <b>-</b> 37	281348 F	20MP01	18 <b>≈</b> 51 <b>r 1984</b> 0	08 <b>-</b> 250	05 II 47 New York,	07パ49 New York	03 II 05	08M02	02M32
Day	Ceres	Juno		Sappho			Chiron (			Astarte	Erato
1	13849	02 <b>≏</b> 55	29/321	20MP16	19 <b>≈</b> 11	09 <b>≏</b> 16	05 II 43	08V309	02 II 42	08M29	02 <b>€</b> 50
2	13 8 39	02 <b>=</b> 33	291354	2017 10	19≈32	09 <b>-</b> 41	05 II 40	08 <b>1</b> 329	02 II 19	08M57	03M <sub>0</sub> 7
3	13 8 28	03-13	00≈27	201746	19 <b>≈</b> 52	10-206	05 II 37	08V349	01 II 56	09M24	03M24
4	13 8 18	03 <b>-</b> 248	01 <b>≈</b> 00	2111700	20≈13	10-31	05 II 33	091309	01 II 33	09M51	03M41
5	13 8 09	04 <b>-</b> 205	01≈33	2111715	20≈34	10-56	05 II 30	09V330	01 II 11	10M-18	03№58
6	12 8 59	04-22	02≈06	2111729	20≈55	11-21	05 II 27	09 <b>1</b> 350	00 II 48	10M-45	04M·14
7	12850	04-239	02≈40	2111743	21≈16	11-46	05 II 23	10 <b>V</b> \$10	00 II 25	11ጤ12	04№31
8	12842	04 <b>≏</b> 56	03 <b>≈</b> 13	21 <b>m</b> /56	21≈37	12 <b>≏</b> 11	05 II 20	10130	00 II 03	11ጤ40	04ጤ48
9	12833	05 <b>≏</b> 13	03≈46	22MP09	21≈59	12 <b>-</b> 35	05 II 17	10 <b>1</b> 351	29 8 40	12M <sub>0</sub> 7	05№04
10	<u>12 8 25</u>	05 <b>≏</b> 29	04≈20	22 <b>11</b> 23	22≈21	13 <b>-</b> 200	05 II 13	111/311	29 <del>8</del> 18	12 <b>I</b> 34	05№21
11	<u>12 8 18</u>	05 <b>-</b> 45	04≈54	22 <b>117</b> 35	22≈42	13 <b>-</b> 24	05 II 10	111/331	28 <del>8 57</del>	13 <b>‰</b> 01	05№37
12	<u>12 8 11</u>	06 <b>-</b> 201	05≈27	22 <b>117</b> 48	23≈04	13 <b>-2</b> 48	05 II 07	111352	28 <del>8</del> 35	13№28	05№54
13	<u>12 8 04</u>	06 <b>-</b> 216	06≈01	23 <b>11</b> 700	23≈26	14 <b>-</b> 213	05 II 04	12 <b>1</b> 312	28 <del>8</del> 14	13№55	06№10
14	<u>11857</u>	06 <b>-</b> 32	06≈35	23 <b>M</b> 212	23 <b>≈</b> 48	14 <b>-</b> 37	05 II 00	12133	27 8 54	14 <b>‰</b> 22	06№26
15	<u>11851</u>	06 <b>-</b> 47	07≈09	2311724	24≈11	15 <b>-</b> 201	04 II 57	12 <b>1</b> 353	27 8 33	14ጤ49	06№42
16	<u>11846</u>	07 <b>-</b> 02	07 <b>≈</b> 43	23 <b>M</b> 35	24≈33	15 <b>-</b> 25	04 II 54	13 <b>1</b> 314	27 8 13	15№16	06№58
17	<u>11840</u>	07 <b>≏</b> 17	08 <b>≈</b> 17	2311747	24≈56	15 <b>-2</b> 48	04 II 51	13 <b>1</b> 334	26 8 53	15 <b>I</b> 43	07№14
18	<u>11835</u>	07 <b>≏</b> 31	08 <b>≈</b> 51	23 <b>11</b> 757	25 <b>≈</b> 18	16 <b>≏</b> 12	<u>04 II 48</u>	13 <b>1</b> 355	<u> 26 8 34</u>	16ጤ10	07 <b>ሙ</b> 29
		'	<u> </u>								

19	<u>11831</u>	07 <b>≏</b> 45	09 <b>≈</b> 26	24M708	25≈41	16 <b>≏</b> 35	<u>04 II 45</u>	14 <i>V</i> 316	<u> 26 ୪ 15</u>	16 <b>‰</b> 37	07№45
20	<u>11 8 27</u>	07 <b>-</b> 59	10≈00	24MP18	26≈04	16 <b>≏</b> 59	<u>04 II 42</u>	14 <b>1</b> 36	<u> 25 8 57</u>	17ሙ04	08M <sub>0</sub> 1
21	<u>11 8 23</u>	08 <b>-</b> 213	10≈34	24M28	26 <b>≈</b> 27	17 <b>≏</b> 22	<u>04 II 39</u>	141357	<u>25 8 39</u>	17ጤ30	08№16
22	<u>11 8 20</u>	08 <b>-</b> 26	11≈09	24M738	26≈51	17 <b>≏</b> 45	<u>04 II 36</u>	15 <b>1</b> 3 17	<u>25 8 22</u>	17ጤ57	08 <b>I</b> 31
23	<u>11 8 17</u>	08 <b>-</b> 40	11≈44	24MP47	27≈14	18 <b>-</b> 208	04 II 33	15 <b>1</b> 38	<u>25 &amp; 06</u>	18M24	08№47
24	<u>11 8 14</u>	08 <b>-</b> 53	12 <b>≈</b> 18	24M256	27 <b>≈</b> 37	18 <b>≏</b> 31	04 II 30	15 <b>1</b> 359	<u> 24 8 49</u>	18 <b>‰</b> 51	09M02
25	<u>11 8 12</u>	09 <b>-</b> 205	12≈53	25MP05	28 <b>≈</b> 01	18 <b>≏</b> 53	04 II 27	16 <b>1</b> 320	<u>24 8 34</u>	19ጤ17	09ሙ17
26	<u>11 8 11</u>	09 <b>≏</b> 18	13 <b>≈</b> 28	25MP13	28 <b>≈</b> 24	19 <b>≏</b> 16	<u>04 II 24</u>	16 <b>1</b> 340	<u>24 &amp; 19</u>	19ሙ44	09M32
27	<u>11 8 10</u>	09 <b>-</b> 30	14≈03	25MP21	28 <b>≈</b> 48	19 <b>≏</b> 38	04 II 22	17 <b>1</b> 301	<u>24 &amp; 05</u>	20M11	09№46
28	<u>11 8 09</u>	09 <b>-</b> 42	14≈38	25 <b>m</b> 29	29 <b>≈</b> 12	20 <b>-2</b> 00	<u>04 II 19</u>	17 <b>1</b> 322	<u>23 &amp; 51</u>	20№37	10M <sub>0</sub> 1
29	<u>11 8 08</u>	09 <b>-</b> 53	15 <b>≈</b> 13	25 <b>m</b> 36	29≈36	20 <b>-</b> 22	<u>04 II 16</u>	171343	23 8 38	21№04	10 <b>№</b> 16
30	11 8 08	10 <b>-2</b> 05	15≈48	25MP43	00€00	20 <b>-</b> 244	<u>04 II 13</u>	18 <b>1</b> 303	23 & 25	21M30	10M30

#### 16≈59 25MP56 00 € 49 21**-**27 <u>04 II 08</u> 181345 21-49 04 II 06 19が06 17**≈**34 26MP02 01**X**13

22-10

22**-2**31

22-52

23**-**12

23-233

23**-**53

24-213

24**~**33

24-253

25-12

Asteroids Ephemeris January 1985, 00:00:00, New York, New York, Longitude

Chiron Ophelia

19V326

191347

20**1**08

20**1**29

20V\$50

211310

21131

211352

221313

22Vt33

22V\$54

04 II 03

04 II 01

03 II 59

03 II 56

03 II 54

03 II 52

03 II 50

03 II 48

03 11 46

03 II 44

03 II 42

**Amor** 

<u>23 8 02</u>

22 8 52

22842

22 8 33

<u> 22 8 24</u>

22 **8** 17

22 g 10

22 g 03

21 & 57

21852

21848

21844

21841

21838

Astarte

22M23

22M49

23№16

23M42

24№08

24M34

25№00

25№26

25№52

26№44

27M35

28M01

Astarte

05×729

05≯753

06×717

06**₮**41

07**₹**05

07×728

07×752

08×715

08738

09×702

09 7 25

09 🗷 47

10 7 10

10 7 33

10*≯*755

11 7 18

11740

12 7 02

12×724

12 🗷 46

13×707

13729

13*≯*750

14 🗷 11

14×732

14×753

Amor

22843

22 8 52

23802

23 8 12

23 8 23

23 8 34

23 8 46

23 8 58

24811

24824

24838

24 g 53

25 **8** 07

25 8 23

25 g 38

25 8 54

26811

26 8 28

26 & 46

27 8 04

27 8 22

27841

28 8 00

28 8 20

28 8 40

29 8 00

**Erato** 

17M00

17师09

17M·17

17M<sub>25</sub>

17M33

17M41

17 649

17M56

18账04

18凧17

18M<sub>2</sub>4

18 服 30

18瓜36

18凧42

18 647

18M58

19凧02

19凧07

19 11

19M<sub>15</sub>

19 19

19 6 2 5

19№28

Erato

10M58

1111012

11M40

11M54

12M<sub>07</sub>

12 0 20

12M33

12M-47

12M59

13瓜12

13M37

13M49

12 8 01 12 8 07	12 <b>-2</b> 24	25≈22	26MP44	06₩38	26 <b>~</b> 09	03 II 38	23 <b>1</b> 36	21 8 36	28M27	14ሙ01
12 X 07				007000	20-09	$0.0 \times 20$	201100	<u> 21030</u>	2011627	1411001
12 0 07	12 <b>-2</b> 30	25 <b>≈</b> 59	26 <b>M</b> 45	07 <b>光</b> 04	26 <b>-</b> 28	<u>03 II 37</u>	23 <b>1</b> 357	<u>21 8 35</u>	28№52	14 <b>\</b> \13
12 8 14	12 <b>-2</b> 36	26≈36	<u>26MP45</u>	07 € 29	26 <b>-</b> 46	<u>03 II 35</u>	241317	<u>21 8 35</u>	29№17	14№25
12821	12 <b>-2</b> 41	27≈12	<u>26MP44</u>	07¥55	27 <b>-</b> 204	<u>03 II 33</u>	241338	21 8 35	29№42	14№37
12 წ 28	12 <b>-2</b> 46	27 <b>≈</b> 49	<u>26MP43</u>	08発21	27 <b>-</b> 22	<u>03 II 32</u>	24 <b>1</b> 359	21 & 36	80№00	14№48
12 8 36	12 <b>-2</b> 50	28 <b>≈</b> 26	26MP42	08 € 47	27 <b>-</b> 40	03 II 30	25 <b>1</b> 319	21837	00≯33	14MJ59
12844	12 <b>≏</b> 54	29≈03	<u>26MP40</u>	09 <b>X</b> 13	27 <b>≏</b> 57	03 II 29	251340	21 8 39	00≯758	15 <b>№</b> 11
12852	12 <b>-</b> 58	29≈40	<u> 2611/38</u>	09Ж39	28 <b>-</b> 214	03 II 28	26 <b>1</b> 301	21842	01才24	15M <sub>-</sub> 21
13 8 01	13 <b>-2</b> 01	00 <b></b>	<u> 26M/36</u>	10¥05	28 <b>-</b> 31	03 II 26	26 <b>1</b> 321	21845	01才49	15№32
13 8 10	13 <b>-2</b> 04	00¥55	<u>26MP33</u>	10 <b>X</b> 31	28 <b>-</b> 48	03 II 25	26 <b>1</b> 342	21849	02才13	15№43
13 8 20	13 <b>-2</b> 07	01₩32	<u> 26 MP 29</u>	10 <b>光</b> 57	29 <b>-</b> 204	03 II 24	271303	21854	02≯738	15 <b>M</b> 53
13 & 29	13 <b>-2</b> 09	02 <del>X</del> 09	<u>26MP25</u>	11 <b></b> €23	29 <b>-</b> 20	03 II 23	27Vt23	21859	03≯03	16 <b>I</b> 03
13 8 39	13 <b>≏</b> 11	02 € 47	<u>26MP21</u>	11 <b>光</b> 50	29 <b>-</b> 35	03 II 22	271344	22 & 05	03≯728	16M·13
13 <del>8</del> 50	13 <b>≏</b> 12	03 € 24	<u>26MP16</u>	12 <b></b>	29 <b>-</b> 51	<u>03 II 21</u>	281304	22 8 11	03≯752	16 <b>M</b> 23
14 8 00	13 <b>≏</b> 13	04 € 02	<u>26MP11</u>	12 <b>X</b> 42	00№06	03 II 20	28 <b>1</b> 325	22 & 18	04≯716	16 <b>M</b> 32
14 8 11	13 <b>≏</b> 14	04 € 40	<u>2611706</u>	13 <b>X</b> 09	00№21	03 II 19	28 <b>1</b> 345	22 <del>8</del> 26	04≯741	16№42
14 8 22	13 <b>-</b> 214	05 <b>X</b> 18	<u> 2611700</u>	13 <b>光</b> 35	00№36	03 II 19	291305	22 & 34	05≯705	16 <b>№</b> 51
			ebruary	<b>1985</b> , 00	0:00:00, N	ew York, I	New York,	Longitue	de	
	12 8 14 12 8 21 12 8 28 12 8 36 12 8 44 12 8 52 13 8 01 13 8 10 13 8 20 13 8 29 13 8 39 13 8 50 14 8 00 14 8 11	12 8 14 12 46 12 8 21 12 41 12 8 28 12 46 12 8 36 12 50 12 8 44 12 54 12 8 52 12 58 13 8 01 13 01 13 8 10 13 04 13 8 20 13 07 13 8 29 13 09 13 8 39 13 11 13 8 50 13 12 14 8 00 13 13	12 8 14 12 41 27 第12 12 8 28 12 44 27 第49 12 8 36 12 45 29 第03 12 8 5 20 12 45 20 12 45 20 12 45 20 12 45 20 12 45 20 12 45 20 12 45 20 12 45 20 13 45 20 15 18 20 15 18	12 8 14 12 4 26 4 26 4 26 4 26 6 4 2 2 6 6 6 4 2 2 6 6 6 4 2 2 6 6 6 6	12 8 14 12 4 12 4 12 4 12 4 12 4 12 4 12	12 8 14 12 41 27 ※12 26 m 44 07 ※29 26 46 12 8 21 12 41 27 ※12 26 m 44 07 ※55 27 全 04 12 8 28 12 46 27 ※ 49 26 m 43 08 ※ 21 27 全 22 12 8 36 12 50 28 ※ 26 26 m 42 08 ※ 47 27 4 0 12 8 44 12 4 54 29 ※ 03 26 m 40 09 ※ 13 27 4 5 7 12 8 5 2 12 4 5 8 29 ※ 40 26 m 38 09 ※ 39 28 4 1 3 8 01 13 4 01 00 ※ 17 26 m 36 10 ※ 05 28 4 1 3 8 20 13 4 00 ※ 55 26 m 33 10 ※ 31 28 4 8 13 8 20 13 4 00 ※ 55 26 m 33 10 ※ 31 28 4 8 13 8 29 13 4 00 9 02 ※ 09 26 m 25 11 ※ 23 29 4 20 13 8 39 13 4 11 02 ※ 47 26 m 21 11 ※ 50 29 4 3 8 5 0 13 4 12 03 ※ 24 26 m 16 12 ※ 16 29 4 5 1 4 8 00 13 4 13 04 ※ 02 26 m 11 12 ※ 42 00 m 06 14 8 11 13 4 04 ※ 40 26 m 06 13 ※ 09 00 € 21 14 8 22 13 4 05 ※ 18 26 m 00 13 ※ 35 00 m 36	12 8 14 12 41 27 ※12 26 m 44 07 ※29 26 46 03 II 35 12 8 21 12 41 27 ※12 26 m 44 07 ※55 27 全04 03 II 33 12 8 28 12 46 27 ※49 26 m 43 08 ※ 21 27 全 22 03 II 32 12 8 36 12 50 28 ※ 26 26 m 42 08 ※ 47 27 40 03 II 30 12 8 44 12 54 29 ※03 26 m 40 09 ※ 13 27 45 7 03 II 29 12 8 52 12 58 29 ※ 40 26 m 38 09 ※ 39 28 4 14 03 II 28 13 8 01 13 40 1 00 ※ 17 26 m 36 10 ※ 05 28 48 03 II 25 13 8 20 13 40 00 ※ 55 26 m 33 10 ※ 31 28 48 03 II 25 13 8 29 13 40 00 ※ 55 26 m 33 10 ※ 31 28 48 03 II 25 13 8 29 13 40 00 ※ 05 26 m 25 11 ※ 23 29 40 03 II 24 13 8 29 13 40 00 ※ 05 26 m 25 11 ※ 23 29 40 03 II 24 13 8 39 13 41 02 ※ 47 26 m 21 11 ※ 50 29 40 03 II 24 13 8 50 13 41 03 ※ 24 26 m 16 12 ※ 16 29 45 1 03 II 21 14 8 00 13 41 04 ※ 40 26 m 06 13 ※ 00 00 m 21 03 II 19 14 8 22 13 4 14 05 ※ 18 26 m 00 13 ※ 35 00 m 36 03 II 19 14 8 22 13 4 14 05 ※ 18 26 m 00 13 ※ 35 00 m 36 03 II 19	12 8 14 12 42 26 26 45 07 3 13 5 24 47 17 12 8 21 12 41 27 ※12 26 44 07 ※55 27 40 03 13 3 24 47 38 12 8 28 12 46 27 ※49 26 47 30 8 ※21 27 40 03 13 3 24 47 59 12 8 36 12 45 20 28 ※26 26 47 40 09 ※13 27 40 03 13 0 25 47 19 12 8 44 12 45 29 ※03 26 40 09 ※13 27 45 7 03 12 9 25 40 12 8 52 12 45 8 29 ※40 26 40 09 ※13 27 45 7 03 12 9 25 40 12 8 52 12 45 8 29 ※40 26 47 38 09 ※39 28 41 4 03 12 8 26 47 01 13 8 01 13 40 1 00 ※17 26 47 36 10 ※05 28 48 03 12 5 26 47 21 13 8 10 13 40 4 00 ※55 26 47 33 10 ※31 28 48 03 12 5 26 47 42 13 8 20 13 40 7 01 ※32 26 47 29 10 ※57 29 40 40 31 12 42 7 47 03 13 8 29 13 40 00 ※47 26 47 26 47 21 11 ※50 29 43 5 03 12 2 27 47 44 13 8 50 13 41 02 ※47 26 47 11 12 ※16 29 45 1 03 12 28 47 04 14 8 00 13 41 04 ※40 26 47 10 12 ※42 00 40 6 03 12 0 28 47 5 14 8 21 13 40 14 05 ※18 26 47 00 13 ※35 00 43 6 03 11 9 29 47 05	12 8 14 12 \( \text{2} \) 36 26 \( \text{2} \) 36 26 \( \text{2} \) 4 1 2 \( \text{2} \) 37 \( \text{2} \) 26 \( \text{2} \) 4 6 \( \text{2} \) 3 \( \text{3} \) 3 24 \( \text{3} \) 3 12 \( \text{2} \) 12 \( \text{2} \) 4 1 2 \( \text{2} \) 26 \( \text{m} \) 44 07 \( \text{5} \) 5 27 \( \text{2} \) 03 \( \text{3} \) 3 24 \( \text{3} \) 3 21 \( \text{3} \) 3 12 \( \text{2} \) 28 \( \text{2} \) 26 \( \text{m} \) 43 08 \( \text{2} \) 1 27 \( \text{2} \) 2 \( \text{0} \) 3 \( \text{3} \) 3 24 \( \text{3} \) 5 12 \( \text{3} \) 6 12 \( \text{3} \) 6 12 \( \text{2} \) 6 28 \( \text{2} \) 26 \( \text{m} \) 44 08 \( \text{2} \) 47 27 \( \text{2} \) 03 \( \text{3} \) 30 25 \( \text{3} \) 19 21 \( \text{3} \) 12 \( \text{3} \) 4 12 \( \text{2} \) 4 29 \( \text{2} \) 3 \( \text{2} \) 26 \( \text{m} \) 4 09 \( \text{3} \) 13 \( \text{2} \) 12 \( \text{5} \) 29 \( \text{4} \) 4 12 \( \text{5} \) 29 \( \text{4} \) 26 \( \text{m} \) 38 09 \( \text{3} \) 99 \( \text{3} \) 13 \( \text{2} \) 13 \( \text{0} \) 13 \( \text{2} \) 13 \( \text{2} \) 13 \( \text{2} \) 13 \( \text{2} \) 26 \( \text{m} \) 21 \( \text{1} \) 13 \( \text{2} \) 26 \( \text{m} \) 13 \( \text{2}	12 8 14 12 \( \text{2}\) 13 \( \text{2}\

Vesta

00M50

01账04

01M18

01M31

01M44

01№57

02M09

02M21

02№33

02№44

02№55

03M<sub>0</sub>6

03M<sub>16</sub>

03№26

03№35

03№44

03M53

04M01

04№09

04№16

04₩23

04№29

04₩35

04M41

04₩46

04ጤ51

Chiron Ophelia

29**1**26

291346

00 207

00≈27

00≈48

01≈08

01 28

01 248

02 208

02 29

02 \$ 49

03≈09

03 29

03 249

04≈09

04 29

04≈48

05≈08

05≈28

05≈48

06≈07

06≈27

06≈46

07≈06

07≈25

07≈45

03 II 18

03 II 18

03 II 17

03 X 17

03 II 16

03 II 16

03 II 16

03 II 16

03 II 15

03 II 15

03 II 16

03 II 16

03 II 16

03 II 16

03 II 17

03 II 17

03 II 17

03 II 18

03 II 19

03 II 19

03 II 20

03 II 21

03 11 22

03 11 23

03 11 24

03 II 25

14 11855 12**-**218 24≈46 03 X 40 23**1**315

26MP08

26MP13

26MP18

26MP22

26MP26

26MP30

26MP33

26MP36

26MP38

26MP40

Day

1

2

3

4

5

6

7

8

9

10

11

12

13

Day

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

Ceres

14834

14845

14857

15 X 09

15822

15835

15848

16801

16814

16828

16842

16 & 56

17811

17 8 25

17840

17 **8** 56

18811

18 8 26

18842

18 & 58

19814

19831

19847

20804

20821

20838

Juno

13**-**214

13<u>~14</u>

<u>13**≏**13</u>

13<del>--</del>12

<u>13**∽**10</u>

13<u>~08</u>

13**-**205

13-202

12-59

12<del>--</del>55

12<del>-2</del>51

12-47

12-42

12**-**237

12-231

12<del>-2</del>25

12<del>--</del>18

12<del>---</del>11

12**-2**04

11**≏**57

11-49

11-240

11<u>~</u>32

**11△**22

11-13

<u>11**≏**03</u>

**Eros** 

05**X**55

06**X**33

07 X 11

07**X**50

08**X**28

09 € 06

09 € 45

10¥23

11 € 02

11**X**40

12**X**19

12\<del>X</del>58

13 € 37

14**X**16

14**X**55

15\£34

16**X**13

16**X**53

17¥32

18¥12

18**X**51

19X31

20X11

20X51

21X31

22**X**11

Sappho

25M753

25MP46

25MP39

<u>25M/31</u>

25MP23

25MP14

25MP06

24MP56

24MP46

24MP36

24MP26

24MP15

24MP04

23MP52

23MP40

23MP28

23MP15

23MP02

22MP49

22MP36

22MP22

22MP08

21MP54

21MP39

21MP24

21MP10

**Psyche** 

14**X**02

14 € 29

14**光**55

15**X**22

15**X**49

16**X**16

16¥43

17**X**09

17 € 36

18**X**03

18**X**30

18 × 58

19 € 25

19X52

20X19

20¥46

21X14

21<del>X</del>41

22X08

22\£36

23¥03

23X31

23¥58

24¥26

24X53

25**X**21

Ceres

11809

11811

11812

11814

11817

11819

11822

11826

11830

11834

11839

11844

11849

Juno

10**-**26

10**-**37

10-47

10-257

11 - 06

11**-**16

11-24

**11△**33

11-41

11**-**49

11**△**57

12-204

12-11

**Eros** 

18 ≈ 10

18 246

19#21

19**≈**57

20 23

21 209

21 245

22\21

22≈57

23 23

24≈10

26MP42 05**X**47 25**-**31 26MP43 06**X**13 25**-**50

Sappho Psyche Vesta

01X38

02¥02

02**X**27

02¥52

03X16

03**X**41

04 € 06

04\**X**31

04X57

05X22

27	20 & 56	<u>10<b>≏</b>53</u>	22 <del>¥</del> 51	20M 54	25 € 48	04ጤ55	03 <b>I</b> 26	08 <b>≈</b> 04	29 8 21	15≯13	19ጤ31
28	21 8 13	<u>10<b>-</b></u> 43	23 <b>X</b> 31	<u>201739</u>	26升16	04M59	03 II 27	08 <b>≈</b> 23	29842	15≯734	19№33
							w York, N				
Day	Ceres	Juno			Psyche	Vesta	Chiron (	_	Amor	Astarte	Erato
1	21831	<u>10<b>-</b>32</u>	24¥12	20M24	26 € 43	05M02	03 II 29	08≈42	00 II 04	15 🛪 54	191035
2	21849	<u>10<b>-</b></u> 21	24¥52	20M708	27 € 11	05M05	03 11 30	09≈01	00 II 26	16 🗷 14	191037
3	22807	<u>10≏10</u>	25¥33	19M753	27 <b>39</b>	05M <sub>08</sub>	03 II 32	09≈20	00 II 48	16 🛪 34	191038
4	22 8 25	<u>09<b>≏</b>58</u>	26¥13	19M737	28 × 07	05M10	03 11 33	09≈39	01 X 11	16 🛪 54	191040
5	22 8 43	<u>09<b>≏</b>47</u>	26¥54	19M721	28 € 34	05M11	03 II 35	09 <b>≈</b> 58	01 X 50	17 🕅 13	19/141
6 7	23 8 02 23 8 20	<u>09<b>≏</b>34</u>	27¥35 28¥16	191705 181749	29¥01 29¥29	05№12 05№13	03 II 36 03 II 38	10 <b>≈</b> 17	01 II 58 02 II 22	17⊀32 17⊀52	19 <b>ル</b> 41 19 <b>ル</b> 42
8	23 8 39	<u>09<b>≏</b>22</u> 09 <b>≏</b> 10	28 <del>X</del> 57	18M733	29 <del>X</del> 29	05llt 13	03 II 40	10≈54	02 II 46	18 🛪 10	1911642 191642
9	23 8 58	09 <u>10</u> 08 <b>≏</b> 57	29 <b>X</b> 37	18M717	00 <b>↑</b> 25	05Mt13	03 11 42	11≈13	02 X 40	18729	19M42
10	24 8 17	08 <b>≏</b> 44	00 <sup>1</sup> 19	181701	00 T 23	05MJ1	03 11 44	11≈32	03 II 35	18748	19M-41
11	24 8 36	08-230	01100	17MP45	01T21	05M-10	03 II 46	11≈50	04 11 00	19706	19M-40
12	24 8 56	<u>08<b>≏</b>17</u>	01\dagger42	17M29	01149	05M08	03 II 48	12≈09	04 II 26	19724	19M-39
13	25 B 15	08 <b>-</b> 03	02℃23	17MP14	02介17	05M05	03 II 50	12#27	04 II 52	19742	19M-38
14	25 B 35	<u>07<b>≏</b>50</u>	03T05	16M758	02介44	05M02	03 II 52	12≈45	05 II 18	19≯759	19M-36
15	25 <del>8</del> 55	<u>07<b>≏</b>36</u>	03℃46	16MP42	03介12	<u>04₩59</u>	03 II 54	13≈03	05 II 45	20≯17	<u>19M-34</u>
16	26 & 15	<u>07<b>≏</b>22</u>	04Ƴ28	16MP27	03Ƴ40	<u>04₩55</u>	03 <b>I</b> 57	13 <b>≈</b> 21	06 II 11	20≯734	<u>19№32</u>
17	26 <del>8</del> 35	<u>07<b>≏</b>08</u>	05℃10	16MP11	04℃08	<u>04M51</u>	03 <b>I</b> 59	13≈39	06 II 39	20🛪51	<u>19№30</u>
18	26 <del>8 55</del>	<u>06<b>≏</b>53</u>	05℃52	15M756	04Ƴ36	<u>04ሙ46</u>	04 X 01	13 <b>≈</b> 57	07 II 06	21≯707	<u>19M27</u>
19	27 <del>8</del> 16	<u>06<b>≏</b>39</u>	06Ƴ34	<u>15MP41</u>	05℃04	<u>04ሙ40</u>	04 II 04	14≈15	07 II 34	21才24	<u>19M24</u>
20	27 <del>8</del> 36	<u>06<b>≏</b>24</u>	07Ƴ16	<u>15MP26</u>	05Ƴ32	<u>04ጤ34</u>	04 II 06	14≈33	08 II 02	21才40	<u>19M20</u>
21	27 B 57	<u>06<b>≏</b>10</u>	07介59	<u>15MP11</u>	06 <b>T</b> 00	<u>04M28</u>	04 II 09	14≈50	08 II 31	21≯756	<u>19ሙ17</u>
22	28 <del>8</del> 18	<u>05<b>≏</b>55</u>	08Ƴ41	<u>14MP57</u>	06℃28	<u>04ሙ21</u>	04 II 12	15≈08	09 II 00	22≯711	<u>19ጤ13</u>
23	28 B 38	<u>05<b>-</b></u> 41	09℃24	<u>14MP42</u>	06℃56	<u>04ሙ14</u>	04 II 14	15≈25	09 II 29	22₹26	<u>19M08</u>
24	28 8 59	<u>05<b>-</b></u> 26	10 106	<u>14MP28</u>	07↑24	<u>04M06</u>	04 II 17	15≈43	09 II 58	22741	<u>19M·04</u>
25	29 8 20	<u>05<b>-</b></u> 12	10 <b>~</b> 49	14M714	07介51	03M58	04 II 20	16≈00	10 II 28	22756	18M59
26	29841	<u>04<b>≏</b>57</u>	11个32	14MP01	08介19	03M49	04 II 23	16≈17	10 II 58	23 🛪 10	18M-54
27	00 11 03	<u>04<b>-</b></u> 43	12个15	13M748	08 <b>↑</b> 47	03M-40	04 II 26	16≈34	11 II 28	23 🛪 25	18M49
28	00 II 24	04 <u>28</u>	12 <b>T</b> 58	13M735	09 <b>↑</b> 15	03M30	04 II 29	16≈51	11 II 59	23 🛪 38	18M43
29	00 II 46	04 <u></u> 214	13 <b>°</b> 41	13M722	09 <b>↑</b> 43	03M20	04 II 32	17 <b>≈</b> 08	12 II 30	23 🛪 52	18M37
30 <b>31</b>	01 II 08 01 II 29	03 <u></u> 03 <u></u> 45	14 <sup>24</sup>	13MP09 12MP57	10 <sup>1</sup> 11	03\mathbb{M}10 02\mathbb{M}59	04 II 35 04 II 38	17 <b>≈</b> 25	13 II 01	24⊀05 24⊀18	18\(\mathbb{M}\)31
31	011129	03=45	13 1 07				v York, Ne				1011025
Day	Ceres	Juno	Eros S	-	Psyche	Vesta	Chiron		Amor	Astarte	Erato
1	01 X 51	03-231	15 <b>T</b> 51	1217746	11 <b>°</b> 07	02№48	04 II 41	17≈58	14 II 04	24≯731	18 <b>I</b> 18
2	02 II 13	<u>03<b>≏</b>17</u>	16 <b>T</b> 34	1211734	11 <b>°</b> 35	<u>02₩36</u>	04 II 44	18 <b>≈</b> 14	14 II 36	24≯743	<u>18M-11</u>
3	02 <b>I</b> 35	03 <b>-</b> 203	17 <b>Υ</b> 18	121123	12 <b>°</b> 03	<u>02₩24</u>	04 II 48	18 <b>≈</b> 31	15 X 09	24≯755	<u>18账04</u>
4	02 II 57	02 <b>-2</b> 49	18 <b>个</b> 02	12MP13	12 <b>°</b> 31	02M·12	04 🛚 51	18 <b>≈</b> 47	15 🛚 41	25≯707	<u>17№56</u>
5	03 II 19	<u>02<b>≏</b>36</u>	18Ƴ46	12MP02	12Ƴ59	<u>02M00</u>	04 II 54	19 <b>≈</b> 03	16 II 14	25才18	<u>17M49</u>
6	03 🛚 42	<u>02<b>≏</b>23</u>	19 <b>T</b> 30	11MP53	13Ƴ27	<u>01ሙ47</u>	04 II 58	19 <b>≈</b> 19	16 X 47	25≯729	<u>17M41</u>
7	04 II 04	<u>02<b>≏</b>09</u>	20介14	<u>11MP43</u>	13℃55	<u>0111634</u>	05 <b>I</b> I01	19 <b>≈</b> 35	17 II 21	25≯739	<u>17M33</u>
8	04 II 27	<u>01<b>≏</b>56</u>	20介58	<u>11MP34</u>	14℃23	<u>01ሙ20</u>	05 <b>I</b> I05	19 <b>≈</b> 51	17 X 55	25≯749	<u>17M24</u>
9	04 II 49	<u>01<b>-</b>44</u>	21个42	11MP25	14介51	<u>01M07</u>	05 II 08	20≈06	18 II 29	25≯759	<u>17M·16</u>
10	05 II 12	<u>01<b>-</b>31</u>	22 7 27	11MP17	15 <b>↑</b> 18	00M53	05 II 12	20≈22	19 II 03	26709	17M-07
11	05 II 35	<u>01<b>≏</b>19</u>	23 <b>T</b> 11	11M709	15~46	00M39	05 II 15	20≈37	19 II 38	26 🛪 18	16M-58
12	05 II 57	<u>01<b>≏</b>07</u>	23 <b>T</b> 56	11M701	16 <b>1</b> 14	00M24	05 II 19	20≈52	20 II 12	26×727	16M49
13	06 II 20	<u>00≏55</u>	24 <b>T</b> 40	10M754	16 <b>Y</b> 42	00M10	05 II 23	21≈07	20 II 48	26 🛪 35	16M39
14	06 II 43	<u>00<b>-</b></u> 43	25 <b>T</b> 25	10MP47	17 <b>1</b> 0	<u>29-255</u>	05 II 27	21≈22	21 II 23	26×743	16M30
15	07 II 06	<u>00<b>≏</b>32</u>	26 <b>T</b> 10	10M741	17 <b>T</b> 38	<u>29-240</u>	05 II 30	21≈37	21 II 59	26×751	16M 10
16	07 II 30 07 II 53	<u>00≏21</u> 00≏10	26个55 27个40	10M25	18か06 18か33	<u>29<b>-</b>25</u>	05 II 34 05 II 38	21 <b>≈</b> 52 22 <b>≈</b> 06	22 II 35 23 II 11	26≯758 27≯705	16M-00
17 18	07 IL 53	29MP59	28 <b>T</b> 26	10MP29 10MP24	18°1°33	29 <u></u> <u> </u>	05 II 38	22≈06	23 II 11	27×105	<u>16⊪00</u> <u>15⊪50</u>
19	08 II 39	2911/59 2911/49	20 T 20 29 T 11	1011/24 1011/19	19 T 0 T	28 <del>-2</del> 41	05 II 42	22≈35	23 II 47 24 II 24	27×11	15/\(\text{15}\)
20	09 11 03	29M739	29 T 11	10M715	19 T 29 19 <b>T</b> 57	<u>28<b>-</b></u> 25	05 II 50	22≈49	25 X 01	27 🛪 22	15/h29
21	09 II 26	29M29	00 8 42	10M713	20 <b>°</b> 25	28 <u>~</u> 10	05 II 54	23≈03	25 II 39	27 🛪 27	15/h29
22	09 II 50	29M20	01828	101711	20 T 23	<u>27<u>-</u>55</u>	05 II 58	23 <b>≈</b> 17	26 II 16	27 🛪 32	<u>15⊪07</u>
23	10 II 14	29M711	02814	1011705	21 <b>T</b> 20	<u>27<b>–</b>33</u>	06 II 02	23≈31	26 II 54	27×36	14M-56
24	10 X 14	2911703	03800	1011702	21748	<u>27<b>-</b></u> 25	06 II 06	23≈44	27 II 32	27×740	14M-45
25	11 X 01	28M755	03 <del>8</del> 46	1011700	22 <b>°</b> 16	<u>27<b>-</b>25</u>	06 II 10	23≈58	28 II 11	27 🛪 43	14M-34
26	11 II 25	28MP47	04 B 32	09M758	22 <b>°</b> 43	<u>26<b>-</b></u> 56	06 II 15	24≈11	28 II 49	27 🗷 46	14M23
27	11 X 49	28MP40	05 B 19	09M756	23介11	<u>26<b>-</b></u> 41	06 II 19	24≈24	29 II 28	27才49	<u>14M·12</u>

12   12   12   12   13   13   13   10   10   10   10   10												
13   13   10   26   17   27   45   26   26   27   25   28   25   25   28   28   28   28	* <u>28</u>	12 II 12	28M733	06803	09M755	23 ↑ 37	<u>26<b>≏</b>27</u>	06 II 23	24≈36	00206		<u>14M01</u>
Day   Ceres   Juno   Fros   Sappho   Psycho   Vesta   Chiron   Ophelia   Amor   Astarte   Frato   Amor   Astarte   Amor   Amor   Astarte   Amor   Amor   Astarte   Amor   Amo	29		28M26	06 წ 50	09M755	24个05	<u>26<b>≏</b>13</u>	06 II 27	24≈49	00345	27 <b>≯</b> 52	<u>13№49</u>
Day   Ceres   Juno   Fros   Sappho   Psycho   Vesta   Chiron   Ophelia   Amor   Astarte   Frato   Amor   Astarte   Amor   Amor   Astarte   Amor   Amor   Astarte   Amor   Amo	30	13 X 00			09M754			06 II 31	25≈01	01525		<u>13№38</u>
Name												
Day   Ceres   Juno					May 1	<b>085</b> 00:0			w York I	naituda		
1 13124 288913 08823 098765 25760 25468 08136 25246 20546 27364 338.15 2 13148 288908 09810 098765 25762 25422 06146 25226 2545 27364 338.15 3 14112 288902 08857 098756 25762 25420 08144 25226 04306 27353 138.15 5 15101 278752 18131 098759 28750 24453 08135 25206 27350 138.26 6 15126 27846 12819 10801 01877 27745 24423 078102 2622 26240 084347 27352 128.24 7 15150 27846 12819 10801 01804 277745 24429 078102 2622 2622 2622 2622 2622 27350 128.22 9 16139 278934 13806 10804 27745 24442 078102 2622 2622 2622 2622 2622 27350 128.22 9 16139 278934 13806 10804 27745 24440 07811 26246 2734 27342 128.05 10 17104 278934 15829 108713 29707 23455 07116 26267 0836 27343 118.03 11 17122 278932 18817 10871 29734 23445 07120 277808 08595 27345 118.32 12 17153 278930 17805 10821 00829 23444 07125 27880 08595 27353 118.32 12 17153 278930 17805 10821 00852 23424 07125 27881 09342 27330 118.21 13 18113 27826 18842 108731 00858 23424 07125 27883 08595 27353 118.32 14 18143 27826 18842 108731 00858 23424 07125 27883 10855 27345 118.32 15 13107 27825 1830 108736 10824 23266 07138 27886 12336 27341 108.54 16 19132 278724 20819 108744 02818 23266 07138 27886 12336 27340 108.59 17 19157 27824 20819 108745 02845 22450 07157 28825 14849 26846 108.55 12 21137 27825 24823 118714 04866 22425 26250 07148 28807 13820 27301 108.26 12 1137 27825 24823 118714 04866 22422 26250 07148 28807 13820 27301 108.16 19 20147 27826 28834 118707 03839 22426 08166 28841 16850 26830 098.55 22 2118 27828 28802 118736 08585 22420 08166 28841 16850 26830 098.55 22 2118 27830 28851 118734 08583 22403 08165 28831 15834 26736 098.55 22 2118 27830 28851 118734 08583 22403 08165 28831 13823 25840 098.55 22 2118 27830 28851 118734 08583 22403 08165 28831 13823 25840 098.55 22 2118 27830 28851 118734 08583 22403 08166 28859 23330 098.55 22 2118 288717 08131 11873 08850 22420 08166 28859 13834 26730 098.55 22 2118 288717 08131 11875 08859 22416 0816 28859 13830 098.55 22 2118 288717 08133 11875 08850 22400 0816 08350 0980 0840 24253 24350 098.55 22 2118 288717 18873 188	Day	Cares	luno	Froe (								Frato
13T48   28FP00   09817   09FP55   25FP52   25A22   05H40   25886   02845   277854   13BL03     14T37   27FP57   10844   09FP57   26FP52   25A06   06T49   258850   04806   277853   12BL05     15T50   27FP54   11831   09FP57   26FP52   25A06   06T49   258850   04806   277853   12BL05     15T50   27FP54   11831   09FP57   26FP52   25A06   06T49   258850   04806   277853   12BL05     15T50   27FP54   11831   09FP57   26FP52   25A06   06T49   258850   04806   277853   12BL05     15T50   27FP44   13856   10FP06   28FP12   24A41   06T58   268871   04852   277454   12BL07     15T50   27FP44   13854   10FP06   28FP12   24A41   06T58   268871   08582   27745   12BL05     15T50   27FP37   14842   10FP13   29FP07   236855   07T16   268857   08582   27745   12BL05     15T50   27FP37   14842   10FP13   29FP07   236855   07T16   268857   08561   277839   17BL31     15T50   27FP32   15854   10FP13   29FP07   236855   07T16   268857   08561   277839   17BL31     15T50   27FP32   17854   10FP13   09F02   23624   07T29   277826   10852   277851   17BL10     15T50   27FP28   17854   10FP26   09F02   23624   07T29   277826   10852   277851   17BL10     15T50   27FP24   27856   10FP24   07850   23625   07T18   27888   17850   277801   10FP24     15T50   27FP24   27856   10FP24   07850   22A58   07T18   27886   14850   277801   10FP24     15T50   27FP24   27856   10FP24   02845   22A59   07T18   28885   17853   277801   10FP24   07850   22A58   07T18   28885   17850   277801   10FP24   07850   22A58   07T18   28885   17853   277801   10FP24   07850   22A58   07T18   28885   17850   277801   07850   26A554   07850   27850   27850   07850   28885   277801   07850   26A554   07850   27850	_											
14   14   13   2   2   2   2   2   2   2   2   2												
14   14   13   27   27   27   27   28   26   26   26   26   26   27   28   28   28   28   28   28   28												
5   15   15   15   15   15   15   15												
6   5   15   16   27   17   18   10   10   10   17   18   24   24   10   15   28   28   3   05   29   27.50   12   10   18   18   16   11   18   10   10   27   28   24   20   20   28   24   06   55   27.45   12   10   10   10   10   10   10   10												
Total												
16   14   27   27   17   17   17   17   17   17												
16   13   27   27   14   54   20   10   17   28   24   24   20   27   11   28   26   27   27   28   27   23   28   27   28   28   27   28   28   27   28   28												
17   17   17   17   17   17   17   17												
17   17   17   12   17   17   17   17												
17158   271730   17805   107921   00802   23\$\times 40   07125   27\$\times 18   09842   27\$\times 30   111021     13   181143   271726   18842   107731   00862   23\$\times 42   07129   27\$\times 28   10825   27\$\times 25   111010     14   18143   271726   18842   107731   00862   23\$\times 42   07124   27\$\times 28   10825   27\$\times 25   111010     15   19107   277725   18830   107736   01823   23\$\times 60   07134   27\$\times 28   12836   27\$\times 10   10046     16   19132   277724   20819   10774   20818   22\$\times 60   07143   27\$\times 81   12836   27\$\times 10046     19   20147   277724   22845   11770   03849   22\$\times 25   07157   28\$\times 5   14834   26\$\times 61   00046     20   21112   277724   22845   11770   03859   22\$\times 29   08100   28\$\times 4   16\$\times 0   26\$\times 4     21   21137   277725   28825   14834   18770   03859   22\$\times 29   08100   28\$\times 4   16\$\times 0   26\$\times 4     22   2102   277724   22843   11770   03859   22\$\times 29   08106   28\$\times 2   16\$\times 0   26\$\times 4     22   2102   277727   28812   11772   04833   22\$\times 17   08111   28\$\times 0   17\$\times 0   26\$\times 2     22   2102   277727   28812   11772   04833   22\$\times 17   08111   28\$\times 0   17\$\times 0   26\$\times 2     22   21   21   27773   26851   11773   04859   22\$\times 1   08110   28\$\times 0   18\$\times 37   26\$\times 0   26\$\times 2     22   23   27   27773   28830   11775   08126   22\$\times 0   08116   28\$\times 0   18337   26\$\times 0   26\$\times 2     24   21   23   27773   28830   11775   08130   21\$\times 0   29\$\times 0   08130   29\$\times 1   20\$\times 0   25\$\times 2     24   24   24   24   24   24   24												
18	12	17 II 53			101721			07 II 25	27≈18			
15												
16												
19												
18												
19												
20												
21 21 37 27 17 25 24 823 11 11 14 04 806 22 22 22 81 02 27 08 11 16 28 850 17 805 26 22 10 10 17 805 26 22 11 11 11 11 11 12 04 83 22 12 18 11 12 28 850 17 805 26 26 12 11 11 11 11 11 12 12 18 11 28 850 17 805 26 22 12 12 12 12 12 12 12 12 18 11 16 28 858 17 851 26 26 12 12 12 12 12 12 12 12 12 12 12 12 12												
22 22 10 2 27 10 2 27 10 2 1 11 11 2 0 4 8 3 3 22 1 0 8 1 1 28 8 5 0 17 8 0 5 26 22 1 99 10 2 99 10 1 2 6 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1												
23 22 12 8 27 17 28 26 802 11 11 11 30 04 859 22 12 08 11 6 28 58 17 8 51 26 37 26 30 09 10 15 25 22 13 13 18 27 17 30 26 85 1 11 11 11 38 05 82 6 22 20 3 18 12 27 18 3 19 8 27 8 4 1 11 11 11 11 11 11 11 11 11 11 11 11												
24 22 \( 22 \) 3 27 \( 77 \) 30 26 \( 85 \) 1 11 \( 11 \) 38 05 \( 82 \) 6 \( 22 \) 32 \( 07 \) 08 \( 120 \) 29 \( 28 \) 31 \( 18 \) 37 \( 25 \) 32 \( 18 \) 27 \( 84 \) 1 11 \( 11 \) 46 \( 05 \) 53 \( 22 \) 29 \( 23 \) 38 \( 13 \) 29 \( 28 \) 31 \( 19 \) 25 \( 25 \) 52 \( 20 \) 09 \( 10 \) 08 \( 12 \) 29 \( 81 \) 3 \( 18 \) 25 \( 72 \) 29 \( 81 \) 3 \( 18 \) 25 \( 72 \) 24 \( 10 \) 9 \( 17 \) 37 \( 25 \) 32 \( 11 \) 37 \( 10 \) 06 \( 84 \) 7 \( 21 \) 25 \( 60 \) 81 \( 13 \) 29 \( 28 \) 32 \( 25 \) 32 \( 25 \) 32 \( 60 \) 08 \( 1.6 \) 25 \( 27 \) 24 \( 10 \) 9 \( 17 \) 13 \( 21 \) 25 \( 60 \) 08 \( 13 \) 29 \( 28 \) 35 \( 21 \) 25 \( 32 \) 38 \( 18 \) 37 \( 25 \) 32 \( 60 \) 08 \( 1.3 \) 29 \( 24 \) 13 \( 25 \) 37 \( 10 \) 08 \( 1.3 \) 30 \( 25 \) 125 \( 27 \) 17 \( 44 \) 10 \( 10 \) 12 \( 10 \) 12 \( 17 \) 37 \( 10 \) 08 \( 13 \) 21 \( 25 \) 10 \( 81 \) 44 \( 29 \) 24 \( 12 \) 37 \( 10 \) 08 \( 13 \) 30 \( 25 \) 125 \( 27 \) 77 \( 44 \) 10 \( 10 \) 12 \( 12 \) 37 \( 13 \) 08 \( 80 \) 6 \( 21 \) 25 \( 10 \) 08 \( 14 \) 29 \( 24 \) 32 \( 31 \) 25 \( 32 \) 30 \( 30 \) 25 \( 12 \) 5 \( 27 \) 37 \( 10 \) 10 \( 12 \) 13 \( 12 \) 13 \( 12 \) 13 \( 12 \) 13 \( 12 \) 13 \( 12 \) 13 \( 12 \) 13 \( 12 \) 13 \( 12 \) 13 \( 12 \) 13 \( 12 \) 13 \( 12 \) 13 \( 12 \) 13 \( 12 \) 13 \( 12 \) 13 \( 12 \) 13 \( 12 \) 13 \( 12 \) 13 \( 13 \) 13 \( 12 \) 13 \( 13 \) 13 \( 12 \) 13 \( 12 \) 13 \( 13 \) 13 \( 12 \) 13 \( 13 \) 13 \												
25 23 II 8 27   27 841   11   11   11   11   11   11   11												
26         23 I 43         27 m/35         28 8 30         11 m/55         06 8 20         21 ± 59         08 I 30         29 ≈ 21         20 **10         25 **42         08 m/56           27         24 I 109         27 m/38         29 8 20         12 m/64         06 8 47         21 ± 56         08 I 39         29 ≈ 28         20 5557         25 **32         08 m/38           29         24 I 159         27 m/44         0 I 100         12 m/23         08 40         21 ± 51         08 I 44         29 **35         21 **34         25 **32         08 m/38           30         25 I 125         27 m/748         0 I 150         12 m/33         08 406         21 ± 50         08 I 48         29 ≈ 48         23 **319         24 **56         08 m/33           31         25 I 150         27 m/752         02 I 40         12 m/83         08 **83         21 ± 48         08 I 53         29 ≈ 48         23 **319         24 **46         08 m/31           4         27 I 150         3 I 1 1 2 m/53         08 8 59         21 ± 48         08 I 58         00 ± 00         24 **55         24 **34         08 m/55           2 2 6 I 14         2 m/757         08 I 12         1 3 m/75         08 8 59         21 ± 48         09 I 10         <												
27 24 1 0 9 27 1 3 8 29 8 20 12 1 0 6 8 4 7 21 6 6 0 8 1 3 4 29 ≈ 28 20 5 7 25 3 2 0 8 1 4 2 8 24 1 3 4 27 1 1 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1												
28 24 1 3 4 27 1 1												
29 24 1 5 9 27 1 1 4 0 1 1 1 0 0 1 2 1 1 1 1 2 1 1 2 1 3 0 7 8 4 0 2 1 1 2 5 1 0 8 1 1 4 2 2 3 1 2 5 7 0 9 0 8 1 3 0 2 5 1 2 5 27 1 1 4 1 1 2 1 1 1 2 1 1 2 1 2 1 2 1 2 1												
30   25   125   27   1748   01   150   12   12   133   08   806   21   250   08   148   29   248   23   3   24   24   24   30   24   24   24   30   24   24   30   24   24   30   24   24   30   24   24   30   30   24   24   30   30   30   30   30   30   30   3												
25   15   27   15   27   15   27   15   27   15   27   15   15   15   29   24   24   24   24   24   24   24												
Day   Ceres   Juno   Eros   Sappho   Psyche   Vesta   Chiron Ophelia   Amor   Astarte   Erato   1   26 I 16   27 m/57   03 I 31   12 m/53   08 m/59   21 m/48   08 I 58   00 m/00   24 m/55   24 m/34   08 m/05   2   26 I 41   28 m/01   04 I 21   13 m/04   09 m/52   21 m/48   09 I 10   00 m/06   25 m/34   24 m/21   07 m/57   3   27 I I 10   28 m/06   05 I I 12   13 m/15   09 m/52   21 m/48   09 I I 10   00 m/06   25 m/34   24 m/21   07 m/57   3   27 I I 10   28 m/12   06 I I 10   13 m/26   10 m/9   21 m/9   09 I I 1   00 m/16   27 m/52   23 m/56   07 m/42   25 m/15   28 m/17   06 I I 53   13 m/738   10 m/9   21 m/9   09 I I 1   00 m/16   27 m/21   23 m/36   07 m/35   6   28 I I 23   28 m/23   07 I I 44   13 m/9   11 m/1   11 m/37   21 m/55   09 I I 2   00 m/30   29 m/38   00 m/33   07 m/29   7   28 I I 49   28 m/29   08 I I 35   14 m/01   11 m/37   21 m/55   09 I I 2   00 m/34   00 m/39   23 m/30   07 m/16   9   29 I I 40   28 m/42   10 I I 7   14 m/26   12 m/29   22 m/01   09 I 35   00 m/34   00 m/39   23 m/30   07 m/16   10   00 m/30   28 m/49   11 I I 09   14 m/38   12 m/35   22 m/9   09 I I 40   00 m/44   00 m/45   22 m/35   07 m/10   11 m/36   12 m/36   13 m/34   13 m/36   13 m/36   13 m/34   13 m/36					12MP43	08 8 33	<u>21<b>-</b></u> 49	08 X 53	29≈54	24%07	24×746	
1 26 II 16 27 m/57 03 II 31 12 m/53 08 8 59 21					June 1	<b>985</b> , 00:0	00:00, Nev					
2         26 I 41         28 m 01         04 I 21         13 m 04         09 8 26         21 △ 48         09 I 03         00 ⋈ 06         25 % 43         24 ⋈ 21         07 m 57           3         27 I 107         28 m 06         05 I 12         13 m 15         09 8 52         21 △ 48         09 I 07         00 ⋈ 11         26 % 32         24 ⋈ 09         07 m 50           4         27 I 132         28 m 12         06 I 02         13 m 26         10 8 19         21 △ 49         09 II 12         00 ⋈ 16         27 % 21         23 ⋈ 56         07 m 42           5         27 I 158         28 m 17         06 I 53         13 m 38         10 8 45         21 △ 55         09 II 21         00 ⋈ 21         28 % 59         23 ⋈ 30         07 m 29           7         28 I 49         28 m 23         07 II 44         11 k 37         12 ½ 50         09 II 26         00 € 30         29 % 48         23 ⋈ 16         07 m 22           8         29 II 14         28 m 35         09 II 26         14 m 41         12 k 32         22 △ 01         09 II 35         00 € 30         29 % 48         23 ⋈ 16         07 m 10           10         00 00 00         28 m 42         10 II 17         14 m 26         12 k 29         22 △ 01	_											
3 27 I 0 7 28 I 0 6 0 5 I 1 2 13 I 1 5 0 9 8 5 2 21 4 8 0 9 I 0 7 0 0 1 1 26 3 2 24 8 0 0 7 1 5 0 4 27 I 3 2 28 I 1 2 0 6 I 0 2 13 I 2 6 1 0 8 1 9 21 4 9 0 9 I 1 2 0 0 1 6 27 5 2 1 23 8 5 6 0 7 1 4 2 5 27 I 5 8 28 I 1 7 0 6 I 5 3 13 I 3 I 3 8 10 8 4 5 21 4 5 1 0 9 I 1 7 0 0 2 1 28 5 1 0 23 8 4 3 0 7 1 4 4 13 I 4 1 4 1 4 1 2 1 4 2 5 0 9 I 2 1 0 0 2 2 2 2 2 2 3 3 0 0 7 1 4 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2												
4       27 I 3 2       28 II 12       06 I 0 2       13 II 26       10 8 19       21 49       09 II 12       00 16       27 52 1       23 3 56       07 II 42         5       27 I 58       28 II 17       06 I 53       13 II 38       10 8 45       21 51       09 II 17       00 12 1       28 51 0       23 3 43       07 II 35         6       28 II 23       28 II 23       28 II 24       13 II 49       11 8 11       21 52 0       09 II 21       00 10 26       28 59       23 3 30       07 II 29         7       28 II 49       28 II 23       28 II 35       14 II 01       11 8 37       21 55       09 II 26       00 3 30       29 3 48       23 3 16       07 II 29         8       29 II 4       28 II 35       09 II 26       14 II 10       14 II 20       21 58       09 II 31       00 3 34       00 3 39       23 3 30       07 III 16       00 3 30       29 3 48       23 3 16       07 II 20         8       29 II 40       28 III 42       10 II 17       14 II 20 3       21 55       22 50       09 II 30       00 3 30       23 3 30       07 II 10         10 00 50 6       28 III 49       11 II 109       14 II 13       12 55       22 50       09 II 40       00 3 40 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>												
5 27 I 58 28 M 71 06 I 53 13 M 38 10 8 45 21 51 09 I 17 00 21 28 510 23 43 07 M 35 6 28 I 23 28 M 23 07 I 44 13 M 49 11 8 11 21 52 09 I 21 00 26 28 59 23 30 07 M 29 7 28 I 49 28 M 29 08 I 35 14 M 701 11 8 37 21 55 09 I 26 00 30 29 34 8 23 3 16 07 M 22 8 29 I 14 28 M 35 09 I 26 14 M 713 12 8 03 21 5 8 09 I 31 00 3 34 00 3 39 23 3 0 07 M 16 9 29 I 40 28 M 42 10 I 17 14 M 26 12 8 29 22 50 1 09 I 35 00 3 3 00 3 20 3 3 0 0 0 0 10 00 3 0 20 3 3 0 0 0 0 0 0 0 0 0 0 0 0												
6 28 1 2 3 28 m 2 3 07 1 4 4 13 m 4 9 1 1 8 1 1 2 1 2 5 2 09 1 2 1 00 ± 26 28 ± 59 23 ± 30 07 m 2 9 7 28 1 4 9 28 m 2 9 08 1 3 5 1 4 m 0 1 1 1 8 3 7 2 1 2 5 5 09 1 2 6 00 ± 3 0 29 ± 4 8 23 ± 1 6 07 m 2 2 8 29 1 1 4 28 m 3 5 09 1 2 6 1 4 m 1 3 1 2 8 0 3 2 1 2 5 8 09 1 3 1 00 ± 3 4 00 £ 3 9 2 3 ± 3 0 07 m 1 6 9 29 1 4 0 28 m 4 2 10 1 1 7 1 4 m 2 6 1 2 8 2 9 22 2 0 1 09 1 3 5 00 ± 3 8 01 £ 2 9 22 ± 3 5 07 m 0 4 1 00 ± 3 2 2 m 4 9 1 1 1 1 0 9 1 4 m 3 8 1 2 8 5 5 22 2 0 5 09 1 4 0 00 ± 4 2 0 2 £ 1 9 2 2 ± 3 5 07 m 0 4 1 1 00 ± 3 2 2 m 2 5 12 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1												
7 28												
8 29 II 14 28 II 35 09 II 26 14 III 13 12 8 03 21 25 8 09 II 31 00 34 00 03 9 23 3 0 07 II 16   9 29 II 40 28 III 42 10 II 17 14 II 26 12 8 29 22 20 1 09 II 35 00 38 01 02 9 22 34 9 07 III 10 00 30 06 28 III 49 11 II 10 9 14 III 38 12 8 55 22 20 5 09 II 40 00 30 10 22 30 3 07 III 10 00 30 2 28 III 51 15 III 10 13 8 21 22 20 9 09 II 45 00 30 10 22 30 20 06 II 5   12 00 35 7 29 III 13 II 43 15 III 14 8 13 22 20 19 09 II 45 00 30 10 22 30 8 06 II 5   13 01 30 23 29 III 1 3 II 43 15 III 14 8 13 22 20 19 09 II 54 00 30 50 04 00 50 04 00 50 06 II 5   14 01 36 49 29 III 1 3 II 43 15 III 14 8 39 22 20 4 09 II 59 00 30 50 04 00 60 10 60												
9 29 I 40 28 II 40 10 II 17 14 II 26 12 8 29 22 \( \text{-01} \) 09 I 35 00 \( \text{+38} \) 01 \( \text{-29} \) 22 \( \text{-49} \) 07 \( \text{-10} \) 10 00 \( \text{-60} \) 00 \( \text{-60} \) 11 I 09 14 II 09 14 II 09 14 II 00 14 II 00 00 \( \text{-60} \) 12 I 00 14 II 10 13 8 21 22 \( \text{-60} \) 09 I 40 00 \( \text{+42} \) 03 \( \text{-61} \) 10 2 \( \text{-72} \) 06 II 5 1 15 II 00 14 II 13 8 21 22 \( \text{-60} \) 09 II 45 00 \( \text{+45} \) 03 \( \text{-61} \) 10 2 \( \text{-72} \) 06 II 5 1 15 II 00 4 13 8 47 22 \( \text{-61} \) 13 09 II 49 00 \( \text{+45} \) 04 \( \text{-60} \) 12 II 04 06 II 13 15 II 15 II 15 II 14 8 13 15 II 14 8 14 14 8 14 14 14 14 14 14 14 14 14 14 14 14 14												
10 00\$06 28\$\text{m}\$49 11\$\text{N}\$09 14\$\text{m}\$38 12\$\text{8}\$55 22\$\text{\$\sigma}\$05 09\$\text{\$\text{N}}\$40 00\$\text{\$\text{\$\frac{1}{2}\$}\$35 07\$\text{\$\text{\$\chi}\$04}\$} 11 00\$\text{\$\text{3}\$2} 28\$\text{m}\$56 12\$\text{N}\$0 14\$\text{m}\$51 13\$\text{\$\text{2}\$2}\$09 09\$\text{\$\text{\$\frac{1}{4}\$}\$45 03\$\text{\$\text{\$\chi}\$01 22}\$\text{2}\$2 06\$\text{\text{\$\chi}\$58}\$ 12 00\$\text{\$\text{\$\chi}\$57 29\$\text{m}\$03 12\$\text{\$\text{\$\sigma}\$51 15\$\text{m}\$04 13\$\text{\$\text{\$\chi}\$47 22\$\text{\$\sigma}\$13 09\$\text{\$\text{\$\chi}\$49 00\$\text{\$\chi}\$48 04\$\text{\$\chi}\$01 \\ 22\$\text{\$\chi}\$8 \\ 06\$\text{\text{\$\chi}\$48 13 15\$\text{m}\$17 14\$\text{\$\text{\$\chi}\$13 22\$\text{\$\sigma}\$19 09\$\text{\$\text{\$\chi}\$54 06\$\text{\$\chi}\$48 14 01\$\text{\$\chi}\$49 29\$\text{m}\$19 14\$\text{\$\text{\$\sigma}\$35 15\$\text{m}\$31 14\$\text{\$\text{\$\sigma}\$39 22\$\text{\$\chi}\$24 09\$\text{\$\text{\$\sigma}\$59 00\$\text{\$\chi}\$53 05\$\text{\$\chi}\$44 21\$\text{\$\chi}\$40 06\$\text{\text{\$\chi}\$43 15\$\text{m}\$13 14\$\text{\$\sigma}\$39 22\$\text{\$\chi}\$24 09\$\text{\$\text{\$\sigma}\$59 00\$\text{\$\chi}\$53 05\$\text{\$\chi}\$44 21\$\text{\$\chi}\$40 06\$\text{\text{\$\chi}\$43 15\$\text{m}\$13 15\$\text{\$\text{\$\sigma}\$50 22\$\text{\$\chi}\$30 10\$\text{\$\text{\$\sigma}\$03 00\$\text{\$\chi}\$55 06\$\text{\$\chi}\$36 21\$\text{\$\chi}\$20 06\$\text{\text{\$\chi}\$39 15\$\text{\$\chi}\$30 22\$\text{\$\chi}\$37 10\$\text{\$\text{\$\text{\$\chi}\$30 00\$\text{\$\chi}\$55 06\$\text{\$\chi}\$36 21\$\text{\$\chi}\$20 06\$\text{\$\chi}\$35 16\$\text{\$\chi}\$33 15\$\text{\$\text{\$\chi}\$30 22\$\text{\$\chi}\$37 10\$\text{\$\text{\$\chi}\$06}\$00\$\text{\$\chi}\$32 20\$\text{\$\chi}\$44 06\$\text{\$\chi}\$27 16\$\text{\$\chi}\$22 22\$\text{\$\chi}\$51 10\$\text{\$\text{\$\chi}\$13 01\$\text{\$\chi}\$60 00\$\text{\$\chi}\$31 06\$\text{\$\chi}\$24 20\$\text{\$\chi}\$31 06\$\text{\$\chi}\$22 22\$\text{\$\chi}\$51 10\$\text{\$\text{\$\chi}\$30 10\$\text{\$\chi}\$58 20\$\text{\$\chi}\$17 06\$\text{\$\chi}\$21 20\$\text{\$\chi}\$40 06\$\text{\$\chi}\$21 20\$\text{\$\chi}\$40 06\$\text{\$\chi}\$21 20\$\text{\$\chi}\$40 06\$\text{\$\chi}\$21 20\$\text{\$\chi}\$40 06\$\text{\$\chi}\$21 20\$\text{\$\chi}\$40 06\$\text{\$\chi}\$												
11 00\$32 28\$\mu56\$ 12\$\mu00\$ 14\$\mu51\$ 13\$\u00edce{8}21\$ 22\$\times09\$ 09\$\mu45\$ 00\$\times45\$ 03\$\u00edce{10}10\$ \\\ 12 00\$\u00edce{8}57\$ 29\$\mu00\$ 12\$\mu51\$ 15\$\mu04\$ 13\$\u00edce{8}47\$ 22\$\u20edce{13}\$ 09\$\mu49\$ 00\$\times48\$ 04\$\u00edce{40}01\$ \\ 22\$\underset{20}80\$ \underset{06}\underset{06}\u00edce{53}\$ \\ 13 01\$\u00edce{23}\$ 29\$\underset{11}\$ 13\$\u00edce{13}\$ 15\$\underset{17}\$ 14\$\u00edce{8}13\$ 22\$\u20edce{19}\$ 09\$\u00edce{15}4\$ 00\$\u20edce{50}\$ 04\$\u00edce{40}52\$ \u21\$\u00edce{21}\u00edce{54}\$ 06\$\u00edce{60}\u00edce{48}\$ \\ 14 01\$\u00edce{94}9\$ 29\$\underset{19}\$ 14\$\u00edce{13}3\$ 15\$\underset{19}\$ 15\$\u00edce{8}30\$ 22\$\u22edce{24}\$ 09\$\u00edce{15}9\$ 00\$\u22edce{55}\$ 05\$\u00edce{04}4\$ \u21\$\u00edce{40}\$ 06\$\u00edce{06}\u00edce{43}\$ \\ 15 02\$\u00edce{15}\$ 29\$\underset{17}\$ 15\$\u00edce{17}\$ 15\$\u00edce{15}\$ 15\$\u00edce{8}05\$ 22\$\u00edce{23}\$ 010\$\u00edce{10}\$ 00\$\u22edce{55}\$ 06\$\u00edce{03}3\$ \u21\$\u00edce{21}\u00edce{21}\$ 06\$\u00edce{06}\u00edce{35}\$ \\ 16 02\$\u00edce{34}1\$ 29\$\u00edce{17}3\$ 16\$\u00edce{19}\$ 15\$\u00edce{8}30\$ 22\$\u00edce{24}4\$ 10\$\u00edce{11}3\$ 00\$\u00edce{59}\$ 08\$\u00edce{02}\$ 20\$\u00edce{25}5\$ 06\$\u00edce{03}3\$ \\ 18 03\$\u00edce{33}2\$ 29\$\u00edce{15}3\$ 18\$\u00edce{10}3\$ 16\$\u00edce{17}\$ 16\$\u00edce{22}\$ 22\$\u00edce{51}\$ 10\$\u00edce{11}3\$ 00\$\u00edce{59}\$ 08\$\u00edce{02}\$ 20\$\u00edce{34}4\$ 06\$\u00edce{02}\$ \\ 20 04\$\u00edce{32}4\$ 00\$\u00edce{21}\$ 29\$\u00edce{14}4\$ 16\$\u00edce{17}4\$ 22\$\u00edce{59}\$ 10\$\u00edce{12}2\$ 01\$\u00edce{11}\$ 10\$\u00edce{02}58\$ \u00edce{20}\u00edce{17}\$ \\ 21 04\$\u00edce{50}\$ 00\$\u00edce{21}\$ 20\$\u00edce{14}0\$ 17\$\u00edce{11}\$ 17\$\u00edce{8}38\$ 23\$\u00edce{25}\$ 10\$\u00edce{13}3\$ 01\$\u00edce{12}0\$ 12\$\u00edce{45}\$ 19\$\u00edce{37}\$ 06\$\u00edce{11}3\$ \\ 22 05\$\u00edce{16}\$ 00\$\u00edce{21}\$ 21\$\u00edce{13}25\$ 17\$\u00edce{18}28\$ 23\$\u00edce{23}34\$ 10\$\u00edce{11}0\$\u00edce{15}02\$ 13\$\u00edce{38}38\$ 19\$\u00edce{37}\$ 06\$\u00edce{11}3\$												
12       00\$\otingstyred{5}7\$       29\$\mu03\$       12\$\mu15\$1       15\$\mu04\$       13\$\otingstyred{8}47\$       22\$\sigma13\$       09\$\mu49\$       00\$\otinus48\$       04\$\otinus01\$       22\$\otinus08\$       06\$\mu53\$         13       01\$\otinus23\$       29\$\mu11\$       13\$\mu43\$       15\$\mu17\$       14\$\otinus13\$       22\$\sigma19\$       09\$\mu54\$       00\$\times50\$       04\$\otinus52\$       21\$\times54\$       06\$\mu48\$         14       01\$\otinus49\$       29\$\mu19\$       14\$\wu35\$       15\$\mu35\$       15\$\mu35\$       15\$\wu39\$       22\$\sigma24\$       09\$\wu59\$       00\$\times53\$       05\$\otinus44\$       21\$\times40\$       06\$\mu43\$         15       02\$\otinus15\$       29\$\mu72\$       15\$\wu32\$       15\$\wu39\$       15\$\otinus05\$       22\$\sigma30\$       10\$\wu39\$       00\$\times55\$       06\$\otinus36\$       21\$\times26\$       06\$\wu39\$         16       02\$\otinus41\$       29\$\mu35\$       16\$\wu39\$       15\$\wu39\$       22\$\sigma37\$       10\$\wu30\$       00\$\times57\$       07\$\otinus28\$       21\$\times12\$       06\$\wu39\$         17       03\$\otinus507\$       29\$\mu44\$       17\$\wu31\$       16\$\mu71\$       15\$\otinus55\$       22\$\sigma44\$       10\$\wu31\$       00\$\times59\$       08\$\otinus20\$       20\$\sigma58\$       06\$\wu31\$         18 <td></td>												
13 01\$23 29\$\text{m11}\$ 13\$\text{14}\$ 15\$\text{m17}\$ 14\$\text{13}\$ 22\$\text{\$\sigma\$19}\$ 09\$\text{\$\sigma\$50}\$ 00\$\text{\$\sigma\$50}\$ 04\$\text{\$\sigma\$52}\$ 21\$\text{\$\sigma\$54}\$ 06\$\text{\$\text{m48}\$48}\$ 14\$\text{\$\sigma\$19}\$ 29\$\text{m19}\$ 14\$\text{\$\sigma\$35}\$ 15\$\text{m31}\$ 14\$\text{\$\sigma\$39}\$ 22\$\text{\$\sigma\$24}\$ 09\$\text{\$\sigma\$59}\$ 00\$\text{\$\sigma\$53}\$ 05\$\text{\$\sigma\$44}\$ 21\$\text{\$\sigma\$40}\$ 06\$\text{\$\text{m48}\$39}\$ 15\$\text{\$\sigma\$50}\$ 22\$\text{\$\sigma\$30}\$ 10\$\text{\$\sigma\$03}\$ 00\$\text{\$\sigma\$55}\$ 06\$\text{\$\sigma\$36}\$ 21\$\text{\$\text{\$\sigma\$26}\$ 06\$\text{\$\text{m38}\$39}\$ 16\$\text{\$\text{\$\sigma\$19}\$ 15\$\text{\$\sigma\$50}\$ 22\$\text{\$\sigma\$37}\$ 10\$\text{\$\sigma\$08}\$ 00\$\text{\$\sigma\$57}\$ 07\$\text{\$\sigma\$28}\$ 21\$\text{\$\text{\$\sigma\$12}\$ 06\$\text{\$\text{m35}\$}\$ 16\$\text{\$\text{\$\sigma\$19}\$ 15\$\text{\$\sigma\$30}\$ 22\$\text{\$\sigma\$37}\$ 10\$\text{\$\sigma\$108}\$ 00\$\text{\$\text{\$\sigma\$57}\$ 07\$\text{\$\sigma\$28}\$ 21\$\text{\$\text{\$\sigma\$12}\$ 06\$\text{\$\text{\$\sigma\$35}\$ 16\$\text{\$\sigma\$11}\$ 16\$\text{\$\text{\$\sigma\$18}\$ 15\$\text{\$\sigma\$56}\$ 22\$\text{\$\sigma\$44}\$ 10\$\text{\$\text{\$\sigma\$13}\$ 00\$\text{\$\text{\$\sigma\$59}\$ 08}\text{\$\sigma\$20}\$ 20\$\text{\$\text{\$\sigma\$58}\$ 06\$\text{\$\text{\$\sigma\$31}\$ 16\$\text{\$\text{\$\sigma\$7}\$ 16\$\text{\$\sigma\$22}\$ 22\$\text{\$\sigma\$51}\$ 10\$\text{\$\text{\$\sigma\$17}\$ 01\$\text{\$\text{\$\sigma\$60}\$ 20\$\text{\$\sigma\$31}\$ 06\$\text{\$\text{\$\sigma\$24}\$ 20\$\text{\$\sigma\$44}\$ 00\$\text{\$\sigma\$20}\$ 20\$\text{\$\sigma\$31}\$ 06\$\text{\$\text{\$\sigma\$24}\$ 20\$\text{\$\sigma\$31}\$ 06\$\text{\$\text{\$\sigma\$24}\$ 20\$\text{\$\sigma\$31}\$ 20\$\text{\$\sigma\$31}\$ 20\$\text{\$\sigma\$31}\$ 20\$\text{\$\sigma\$32}\$ 20\$\text{\$\sigma\$1}\$ 20\$\text{\$\sigma\$31}\$ 20\$\text{\$\sigma\$32}\$ 20\$\text{\$\sigma\$13}\$ 20\$\text{\$\sigma\$32}\$ 20\$\text{\$\sigma\$13}\$ 20\$\text{\$\sigma\$13}\$ 20\$\text{\$\sigma\$32}\$ 20\$\text{\$\sigma\$13}\$ 20\$\text{\$\sigma\$13}\$ 20\$\text{\$\sigma\$32}\$ 20\$\text{\$\sigma\$13}\$ 20\$\text{\$\sigma\$32}\$ 20\$\text{\$\sigma\$31}\$ 20\$\text{\$\sigma\$32}\$ 20\$\text{\$\sigma\$31}\$ 20\$\text{\$\sigma\$32}\$ 20\$\text{\$\sigma\$31}\$ 20\$\t												
14       01%49       29m19       14 x35       15m31       14 x39       22 24       09 x59       00 x53       05 44       21 x40       06m43         15       02%15       29m27       15x27       15m45       15x05       22 30       10x03       00 x55       06 36       21 x26       06m39         16       02%41       29m35       16x19       15m59       15x30       22 x37       10x08       00 x57       07 x28       21 x12       06m35         17       03%07       29m44       17x11       16m13       15x56       22 x44       10x13       00 x59       08x20       20 x58       06m35         18       03%32       29m53       18x03       16m27       16x22       22 x51       10x17       01 x00       09x12       20 x44       06m27         19       03%58       00 x02       18x55       16m27       16x47       22 x59       10x2       01 x01       10x05       20 x31       06m24         20       04x24       00 x12       19x47       16m26       17x13       23 x07       10x26       01 x02       10x58       20 x17       06m21         21       04x50       00 x21       20x40       17m11       17x38												
15         02\$\Sigmats\$         29\$\mathbb{m}27\$         15\$\mathbb{m}27\$         15\$\mathbb{m}45\$         15\$\mathbb{m}05\$         22\$\sigmats\$30         10\$\mathbb{m}103\$         00\$\mathred{\pi}55\$         06\$\mathred{\pi}36\$         21\$\mathred{\pi}26\$         06\$\mathred{\pi}39\$           16         02\$\mathred{\pi}41\$         29\$\mathred{m}35\$         15\$\mathred{\pi}59\$         15\$\mathred{\pi}30\$         22\$\sigmats37\$         10\$\mathred{\pi}08\$         00\$\mathred{\pi}57\$         07\$\mathred{\pi}28\$         21\$\mathred{\pi}12\$         06\$\mathred{\pi}35\$           17         03\$\mathred{\pi}07\$         29\$\mathred{m}44\$         17\$\mathred{\pi}11\$         15\$\mathred{\pi}56\$         22\$\sigmatex44\$         10\$\mathred{\mathred{\pi}13}\$         00\$\mathred{\pi}59\$         08\$\mathred{\pi}20\$         20\$\mathred{\pi}58\$         06\$\mathred{\pi}31\$           18         03\$\mathred{\pi}32\$         29\$\mathred{\pi}53\$         18\$\mathred{\mathred{\pi}03\$         16\$\mathred{\pi}27\$         16\$\mathred{\pi}22\$         22\$\sigmatex51\$         10\$\mathred{\mathred{\pi}17\$         09\$\mathred{\pi}12\$         20\$\mathred{\pi}44\$         06\$\mathred{\mathred{\pi}27\$         16\$\mathred{\pi}22\$         22\$\sigmatex51\$         10\$\mathred{\mathred{\pi}20\$         10\$\mathred{\pi}05\$         20\$\mathred{\pi}31\$         06\$\mathred{\mathred{\mathred{\pi}24}\$         10\$\mathred{\pi}05\$         20\$\mathred{\pi}31\$         06\$\mathred{\mathred{\mathred{\pi}24}\$ <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>												
16         02 S 41         29 m 35         16 II 19         15 m 59         15 8 30         22 Δ 37         10 II 08         00 € 57         07 Ω 28         21 π 12         06 m 35           17         03 S 07         29 m 44         17 II 1         16 m 13         15 8 56         22 Δ 44         10 II 13         00 € 59         08 Ω 20         20 π 58         06 m 31           18         03 S 32         29 m 53         18 II 03         16 m 27         16 8 22         22 Δ 51         10 II 17         01 € 00         09 Ω 12         20 π 44         06 m 27           19         03 S 58         00 Δ 02         18 II 55         16 m 42         16 8 47         22 Δ 59         10 II 22         01 € 01         10 Ω 05         20 π 31         06 m 24           20         04 S 24         00 Δ 12         19 II 47         16 m 56         17 8 13         23 Δ 07         10 II 26         01 € 02         10 Ω 58         20 π 17         06 m 21           21         04 S 50         00 Δ 21         20 II 40         17 m 11         17 8 38         23 Δ 15         10 II 31         01 € 02         11 Ω 51         20 π 04         06 m 18           22         05 S 16         00 Δ 31         21 II 32         17 m 26         18 δ 0												
17     03\$\omegar{907}     29\$\mathbb{m}44     17\$\mathbb{\pi}11     16\$\mathbb{m}13     15\$\omegar{8}56     22\$\times444     10\$\mathbb{\pi}13     00\$\times59     08\$\omegar{9}20     20\$\times58     06\$\mathbb{m}31       18     03\$\omegar{9}32     29\$\mathbb{m}53     18\$\mathbb{\pi}03     16\$\mathbb{m}27     16\$\omegar{8}22     22\$\sigma51     10\$\mathbb{\pi}17     01\$\times00     09\$\omegar{9}12     20\$\times444     06\$\mathbb{m}27       19     03\$\omegar{9}58     00\$\sigma020     18\$\mathbb{\pi}55     16\$\mathbb{m}42     16\$\omegar{8}47     22\$\sigma59\$     10\$\mathbb{\pi}22     01\$\times01     10\$\omegar{9}05     20\$\times31     06\$\mathbb{m}24       20     04\$\omegar{9}24     00\$\sigma12     19\$\mathbb{\pi}47     16\$\mathbb{m}56     17\$\omegar{8}13     23\$\sigma07     10\$\mathbb{\mathbb{\pi}26     01\$\times02     10\$\omegar{9}58     20\$\times17     06\$\mathbb{\mathbb{m}24       21     04\$\omegar{9}50     00\$\sigma21     20\$\mathbb{\mathbb{\pi}40     17\$\mathbb{\mathbb{\pi}13     23\$\sigma15     10\$\mathbb{\mathbb{\mathbb{\mathbb{\pi}33}     19\$\times50     06\$\mathbb{\mathbb{\mathbb{\mathbb{\pi}20}}2       23     05\$\omegar{9}42     00\$\sigma41     22\$\mathbb{												
18 03 \$\sigma 32 29 \$\mathbb{m} 53 18 \$\mathbb{m} 03 16 \$\mathbb{m} 27 16 \times 22 22 \$\sigma 51 10 \mathbb{m} 17 01 \times 00 09 \times 12 20 \$\times 44 06 \mathbb{m} 27 19 03 \$\sigma 58 00 \$\sigma 02 18 \mathbb{m} 55 16 \$\mathbb{m} 42 16 \times 47 22 \$\sigma 59 10 \mathbb{m} 22 01 \times 01 \times 01 10 \times 05 20 \$\times 31 06 \mathbb{m} 24 20 \$\times 48 20 \times 17 \times 13 23 \$\sigma 07 10 \mathbb{m} 26 01 \times 02 10 \times 58 20 \$\times 17 06 \mathbb{m} 21 04 \$\times 50 00 \$\sigma 21 20 \mathbb{m} 40 17 \$\mathbb{m} 11 17 \times 38 23 \$\sigma 15 10 \mathbb{m} 31 01 \times 02 11 \times 51 20 \$\times 04 06 \mathbb{m} 18 20 20 20 20 20 20 20 20 20 20 20 20 20		03%07										<u>06M31</u>
20     04窓24     00全12     19耳47     16〒56     17 8 13     23全07     10 耳26     01米02     10 点58     20★17     06配21       21     04窓50     00全21     20耳40     17〒11     17 8 38     23全15     10 耳31     01米02     11 点51     20★04     06配18       22     05窓16     00全31     21耳32     17〒26     18 8 03     23全25     10 耳35     01米02     12 点45     19承50     06配15       23     05窓42     00全41     22 耳25     17〒42     18 8 28     23全34     10 耳40     01米02     13 点38     19承37     06配13	18	03%32	29 <b>m</b> 53	18 <b>I</b> I 03						09ഹ 12		
21     04窓50     00全21     20 I 40     17 II 1     17 8 38     23全15     10 II 31     01米02     11 8 51     20 3 04     06 18       22     05窓16     00全31     21 II 32     17 II 26     18 8 03     23全25     10 II 35     01米02     12 8 45     19 3 50     06 15       23     05窓42     00全41     22 II 25     17 II 42     18 8 28     23 23 4     10 II 40     01米02     13 8 38     19 3 37     06 13	19	03%58										
22       05\$\mathbb{S}\$16       00\$\sigma\$31       21\$\mathbb{I}\$32       17\$\mathbb{m}\$26       18\$\times 03       23\$\sigma\$25       10\$\mathbb{I}\$35       01\$\times 02       12\$\times 45       19\$\times 50       06\$\mathbb{m}\$15         23       05\$\mathbb{S}\$42       00\$\sigma\$41       22\$\mathbb{I}\$25       17\$\mathbb{m}\$42       18\$\times 28       23\$\sigma\$34       10\$\mathbb{I}\$40       01\$\times 02       13\$\times 38       19\$\times 37       06\$\mathbb{m}\$13												
23 05\$42 00\$\$\text{\tint{\text{\tint{\text{\tint{\text{\tin\text{												
24   06%08   00속51   23Ⅱ17   17₩57   18੪53   23속44   10Ⅱ44   <u>01升02</u>   14舣32   <u>19≯24</u>   <u>06№11</u>												
	24	802800	00 <b>≏</b> 51	23 X 17	17 <b>m</b> /57	18 <del>8</del> 53	23 <b>-</b> 244	10 II 44	<u>01₩02</u>	14Ω32	<u>19≯724</u>	<u>06M11</u>

25	06\$34	01 <b>≏</b> 02	24 II 10	1811/13	19 8 19	23 <b>-</b> 54	10 II 49	<u>01¥01</u>	15&27	<u>19712</u>	<u>06M10</u>
26	075800	01 <b>≏</b> 12	25 <b>I</b> 03	18 <b>17</b> 29	19844	24 <b>≏</b> 05	10 <b>1</b> 53	<u>01¥00</u>	16&21	<u>18≯759</u>	<u>06M08</u>
27	07\$26	01 <b>-</b> 23	25 II 56	18 <b>M</b> 245	20 8 08	24 <b>-</b> 216	10 🛚 58	<u>00₩58</u>	17പ്പ16	<u>18≯747</u>	<u>06№07</u>
28	07&52	01 <b>-</b> 34	26 <b>I</b> 49	191701	20 8 33	24 <b>-</b> 27	11 X 02	<u>00¥57</u>	18ഹ11	<u>18≯735</u>	<u>06M06</u>
29	08%18	01 <b>≏</b> 46	27 II 42	191717	20 8 58	24 <b>-</b> 39	11 X 07	<u>00¥55</u>	19Ձ06	<u>18 × 23</u>	<u>06M06</u>
30	08844	01 <b>≏</b> 57	28 II 35	191734	21823	24 <b>-</b> 51	11 II 11	<u>00₩53</u>	20Ω01	<u>18≯12</u>	<u>06M05</u>
D	0	lua a					V York, Ne				C4-
Day 1	<b>Ceres</b> 09%10	Juno 02 <b>≏</b> 09	Eros 3 29 II 28	Sappho 19M750	21 8 47	Vesta 25 <b>≏</b> 04	Chiron (	00 <b>3</b> 50	<b>Amor</b> 20ഹ57	Astarte 18≯701	Erato 06M06
2	09836	02 <b>=</b> 09	00822	2011/07	22 8 12	25 <b>-</b> 16	11 X 13	00 <del>×30</del>	21 <sub>Q</sub> 52	17×750	06M06
3	10202	02 <b>=</b> 21	01%15	201707	22 8 36	25 <b>-</b> 30	11 X 24	00 <del>X47</del>	21 <sub>0</sub> 2 <sub>32</sub>	17×30	06M06
4	103628	02 <b>—</b> 35	02809	20MP41	23 8 01	25 <b>~</b> 43	11 11 28	00 <del>)(44</del>	23&45	17×30	06M <sub>0</sub> 7
5	10955	02 <b>-</b> 57	03802	201759	23 8 25	25 <b>-</b> 57	11 X 32	00 <b></b> €37	24&41	17≯20	06M08
6	11%21	03-210	03&56	2111716	23 8 49	26 <b>△</b> 11	11 X 37	00 <b></b> €33	25ん38	<u>17≯</u> 11	06M <sub>1</sub> 0
7	11%47	03-22	04%50	2111734	24 8 13	26 <b>≏</b> 26	11 X 41	00¥29	26 බ 35	17×102	06 <b>ሙ</b> 11
8	125613	03 <b>-</b> 35	05%44	2111751	24 & 37	26 <b>-</b> 41	11 X 45	<u>00₩25</u>	27 & 32	<u>16≯753</u>	06ጤ13
9	12539	03 <b>-</b> 48	06&38	22 <b>117</b> 09	25 8 01	26 <b>-</b> 56	11 <b>II</b> 49	<u>00₩20</u>	28പ്പ29	<u>16≯45</u>	06№15
10	13205	04 <b>≏</b> 02	07931	22 <b>11</b> 27	25 & 25	27 <b>≏</b> 11	11 <b>I</b> 53	<u>00₩15</u>	29പ്പ26	<u>16≯738</u>	06 <b>№</b> 18
11	13531	04 <b>-</b> 15	08\$25	22 <b>17</b> 46	25 8 49	27 <b>-</b> 27	11 II 57	<u>00₩10</u>	00 <b>m</b> 24	<u>16≯730</u>	06№21
12	13857	04 <b>-</b> 29	09820	231704	26 8 12	27 <b>≏</b> 43	12 X 01	<u>00₩04</u>	0111722	16×23	06M23
13	14%24	04-42	10514	231722	26 8 36	28-200	12 II 05	<u>29≈57</u>	021120	16×17	06M27
14	14850	04≏56	11808	231741	26 8 59	28-16	12 II 09	<u>29≈51</u>	0311718	16×711	06M30
15	159316	05 <b>≏</b> 10	12802	241700	27 8 23	28 <b>-</b> 33	12 II 13	<u>29≈45</u>	04117	16×706	06M34
16	15%42	05-24	12957	24M718	27 8 46	28 <b>-</b> 50	12 II 17	<u>29≈38</u>	05MP16	16×701	06M38
17 18	16%08 16%35	05 <b>△</b> 39 05 <b>△</b> 53	13%51 14%46	24MP37 24MP57	28 & 09 28 & 32	29 <b>△</b> 07 29 <b>△</b> 25	12 II 21 12 II 25	<u>29≈31</u> 29≈24	06MP14 07MP13	<u>15 ₹56</u> 15 ₹52	06 <b>ቤ</b> 42 06 <b>ቤ</b> 47
19	17801	05 <b>=</b> 55	15%40	25MP16	28 <del>8</del> 55	29 <b></b> 23	12 II 28	<u>29≈24</u> 29≈16	0811713	15×32	06/IG47
20	17 % 27	06 <b>-</b> 00	16%35	25M735	29 g 18	00M02	12 II 32	29 <b>≈</b> 10	0911713	15×45	06M56
21	17953	06 <b>-</b> 27	17829	25M755	29840	00M21	12 II 36	29 <b>≈</b> 01	101111	15×43	07M <sub>0</sub> 1
22	189619	06 <b>-</b> 52	18524	26MP14	00 11 03	00M-39	12 II 39	28 <b>≈</b> 53	1111711	15×741	07MO7
23	18945	07 <b>-</b> 207	19819	26M234	00 II 26	00№59	12 X 43	<u>28</u> ≈45	1211711	15×39	07 <b>№</b> 13
24	19812	07 <b>≏</b> 23	20%13	26M254	00 II 48	01ጤ18	12 II 47	28#36	1311/211	<u>15≯38</u>	07 <b>№</b> 18
25	19\$38	07 <b>≏</b> 38	21%08	27MP14	01 II 10	01ጤ37	12 X 50	<del>28</del> ≈27	1411711	<u>15≯37</u>	07ጤ25
26	20304	07 <b>≏</b> 54	22503	27 <b>17</b> 34	01 <b>I</b> 33	01ሙ57	12 X 54	<u>28≈18</u>	15 <b>M</b> 211	15🛪 37	07№31
27	20&30	08 <b>≏</b> 09	22%58	27 <b>17</b> 54	01 X 55	02ጤ17	12 II 57	<u>28≈09</u>	16 <b>M</b> 211	15⊁737	07 <b>ሙ</b> 38
28	20356	08 <b>-</b> 25	23553	28 <b>M</b> 214	02 II 16	02№38	13 X 00	<u>27≈59</u>	17 <b>11</b> 712	15≯38	07M-44
29	21822	08 <b>≏</b> 41	24%48	28MP34	02 II 38	02№58	13 X 04	<u>27≈50</u>	1811/2	15≯739	07 <b>№</b> 51
30	215648	08 <b>≏</b> 57	25%43	28M755	03 11 00	03M-19	13 II 07	<u>27≈40</u>	191713	15 🛪 41	07M59
31	22%15	09 <b>≏</b> 13	26\$38	29M715	03 II 21		│ 13 11 10 ∋w York, N	27≈30	20 <b>m</b> 714		08M06
Day	Ceres	Juno	Eros S	Sappho		Vesta	Chiron (			Astarte	Erato
1 1	22%41	09 <b>≏</b> 29	27833	29MP36	03 II 43	04M01	13 II 14	27 <b>≈</b> 20	2111715	15×746	08M·14
2	23807	09 <b>=</b> 29	28 % 28	29M756	03 II 43 04 II 04	04M22	13 II 17	<u>27≈20</u> 27≈09	22MP16	15×49	08M22
3	23\$33	10 <b>-</b> 02	29823	00 <b>≏</b> 18	04 11 25	04M44	13 X 17	26 <b>≈</b> 59	2311717	15×753	08M30
4	23859	10-19	00Ω18	00-39	04 11 46	05M05	13 II 23	<u>26≈48</u>	24M718	15 🛪 57	08M38
5	24%25	10 <b>≏</b> 35	01Ω13	01 <u></u> 00	05 II 07	05№27	13 <b>I</b> 26	<u>26≈38</u>	25 <b>M</b> 219	16₹01	08M47
6	24951	10 <b>≏</b> 52	02Ձ08	01 <b>-</b> 21	05 X 27	05№49	13 X 29	<u>26≈27</u>	26 <b>11</b> 20	16≯706	08№55
7	25%17	11 <b>≏</b> 09	03&04	01 <b>-</b> 42	05 II 48	06ጤ12	13 🛚 32	<u>26≈16</u>	27 <b>117</b> 22	16 <i>≯</i> 12	09№04
8	25 <b>%</b> 43	11 <b>≏</b> 26	03ഹ59	02 <b>≏</b> 03	06 II 08	06№34	13 🛚 35	<u>26≈05</u>	281723	16 <i>≯</i> 17	09ጤ13
9	26%09	11 <b>≏</b> 43	04 <i>&amp;</i> 54	02 <b>-</b> 25	06 X 29	06№57	13 <b>I</b> 37	<u>25≈54</u>	29 <b>17</b> 24	16≯724	09№23
10	26%35	12-00	05&49	02-46	06 II 49	07 <b>€</b> 20	13 X 40	<u>25≈42</u>	00 <b>≏</b> 26	16730	09M32
11	27901	12-17	06 Ω 45	03-08	07 II 09	07M43	13 II 43	<u>25≈31</u>	01-27	16 🛪 38	09M42
12	27827	12 <b>-</b> 35	07 & 40	03-230	07 II 28	00M80	13 II 46	<u>25≈20</u>	02-29	16×745	09M52
13	27%53	12 <b>-</b> 52	08 ევე	03-51	07 II 48	08M30	13 II 48	<u>25≈08</u>	03-231	16×753	10M02
14	28 <b>%</b> 19 28 <b>%</b> 45	13 <b>-</b> 27	09 გ 31	04-213	08 II 07	08M53	13 II 51	<u>24≈57</u> 24≈45	04 <b>△</b> 32 05 <b>△</b> 34	17×701	10M·12
15 16	29%11	13 <b>≏</b> 27 13 <b>≏</b> 45	10ഹ26 11ഹ21	04 <b>△</b> 35 04 <b>△</b> 57	08 II 27 08 II 46	09ጤ17 09ጤ41	13 II 53 13 II 56	24×45 24×34	06 <b>-</b> 35	17⊀10 17⊀20	10M-22 10M-33
17	29336	14 <u>~</u> 03	12Ω17	05 <del>-</del> 19	09 11 05	1011041	13 II 58	24 <del>×34</del> 24 <b>×</b> 22	00 <b>=</b> 35	17×20	10M44
18	00Ω03	14 <u>2</u> 03	13Ω12	05 <del>-</del> 41	09 II 23	10M29	14 II 00	24×22	07 <b>=</b> 37 08 <b>≏</b> 39	17 🛪 39	10M55
19	00&29	14 <b>-</b> 20	14Ω07	06-04	09 II 42	10M53	14 II 02	23≈59	09 <del>-</del> 40	17×750	11M <sub>06</sub>
20	00 Q 55	14 <del>-</del> 56	15ູ002	06 <b>-</b> 26	10 X 00	11M·18	14 X 05	<u>23≈48</u>	10-42	18 🛪 00	11M-17
21	01&20	15 <b>-</b> 215	15 $\Omega$ 58	06 <b>-</b> 28	10 II 18	11M-43	14 X 07	23 <b>≈</b> 36	11-2-43	18 🗷 12	11M <sub>2</sub> 9
22	01&46	15 <b>-</b> 33	16&53	07 <b>≏</b> 11	10 X 36	12№07	14 II 09	<u>23</u> ≈25	12 <b>-</b> 45	18723	11 <b>‰</b> 40
23	02&12	15 <b>-</b> 251	17ᡚ48	07 <b>≏</b> 33	10 X 54	12№32	14 X 11	<u>23≈14</u>	13 <b>-</b> 246	18≯735	11№52

24	02&38	16 <b>-</b> 209	18Ձ43	07 <b>≏</b> 56	11 II 12	12№58	14 II 13	<u>23≈02</u>	14 <b>-</b> 48	18 <b>≯</b> 47	12M <sub>0</sub> 4
25	03&03	16 <b>≏</b> 28	19ഹ39	08 <b>-</b> 19	11 II 29	13№23	14 II 15	<u>22≈51</u>	15 <b>-2</b> 49	19才00	12№16
26	03&29	16 <b>≏</b> 46	20ഹ34	08 <b>-</b> 41	11 <b>II</b> 46	13№48	14 II 16	<u>22≈40</u>	16 <b>≏</b> 50	19 <b>水</b> 13	12№28
27	03 <i>&amp;</i> 55	17 <b>≏</b> 05	21&29	09 <b>-</b> 204	12 <b>I</b> I03	14ጤ14	14 II 18	<u>22≈29</u>	17 <b>≏</b> 51	19≯726	12 <b>I</b> \$40
28	04ଯ20	17 <b>≏</b> 23	22&24	09 <b>-</b> 27	12 II 20	14MJ9	14 <b>I</b> I 20	<u>22<b>≈</b>18</u>	18 <b>≏</b> 53	19≯740	12№53
29	04&46	17 <b>≏</b> 42	23പ്പ 19	09 <b>-</b> 50	12 <b>I</b> 37	15№05	14 🛚 21	<u>22≈07</u>	19 <b>-</b> 54	19≯754	13№06
30	05&12	18 <b>-</b> 201	24&14	10 <b>≏</b> 13	12 II 53	15M-31	14 <b>I</b> I 23	<u>21≈57</u>	20 <b>-</b> 54	20≯708	13 <b>I</b> 18
31	05&37	18 <b>≏</b> 20	25&10	10 <b>≏</b> 36	13 II 09	15M-57	14 X 24	<u>21≈46</u>	21-255	20 🗷 23	13M31
_	_							, New Yorl			_ ,
Day	Ceres	Juno		Sappho		Vesta	Chiron	_		Astarte	Erato
1	06&03	18 <b>△</b> 38	26 Ω 05	10-59	13 II 25	16M <sub>2</sub> 3	14 II 26	<u>21≈36</u>	22 <b>-</b> 56	20 🛪 38	131145
2	06 ე 28	18 <b>-</b> 57	27Ω00	11-23	13 X 41	16M49	14 II 27	<u>21≈25</u>	23 <b>-</b> 57	20 🛪 53	131158
3	06 <i>Q</i> 54 07 <i>Q</i> 19	19 <b>△</b> 16 19 <b>△</b> 35	27 <i>Q</i> 55	11 <b>△</b> 46 12 <b>△</b> 09	13 II 56	17M 16	14 II 28 14 II 30	<u>21≈15</u> 21≈05	24 <b>≏</b> 57 25 <b>≏</b> 57	21⊀09 21⊀25	14ጤ11 14ጤ25
5	07 & 19 07 & 44	19 <b></b> 55	28&50 29&44	12=09	14 II 11 14 II 26	17 <b>ሙ</b> 42 18 <b>ሙ</b> 09	14 II 30	21 <del>≈03</del> 20≈56	26 <b>-</b> 57	217/23	14II623 14M38
6	07 % 44 08	20 <b>-</b> 214	00MP39	12 <del></del> 56	14 X 20	18M36	14 X 31	<u>20≈36</u> 20≈46	27 <del>-</del> 58	21×357	14/IU38
7	08 <sub>Q</sub> 35	20 <b>-</b> 14	0111734	13-20	14 X 56	19M·03	14 II 33	<u>20≈40</u> 20≈37	28 <b>-</b> 57	22×714	15M06
8	09გ00	20 <del>-</del> 52	0211734	13 <del>-2</del> 43	15 II 10	1911003	14 II 34	20≈37 20≈28	29 <del>-5</del> 57	22731	15M20
9	09&26	21 <del>-</del> 11	0311724	14 <b>-</b> 07	15 II 24	19M57	14 II 35	20 <del>≈20</del> 20 <b>≈</b> 19	00M57	22731	15M34
10	09.051	21 <b>-</b> 31	0411718	14 <u>~</u> 31	15 X 38	20M-24	14 X 36	20 <b>≈</b> 10	01M56	23 🛪 06	15M-48
11	10Ω16	21 <b>-</b> 51	05MP13	14 <b>-</b> 54	15 X 51	20M·51	14 X 36	20 <b>≈</b> 01	02M56	23724	16M <sub>0</sub> 3
12	10&41	22 <b>-</b> 210	0611708	15 <b>-</b> 218	16 II 04	21 <b>l</b> 19	14 X 37	<u>19≈53</u>	03M55	23 🛪 42	16M-17
13	11Ձ06	22 <b>-</b> 29	07 <b>11</b> 702	15 <b>-</b> 42	16 II 17	21M-46	14 X 38	<u>19≈45</u>	04M54	24 × 01	16M-32
14	11ᡚ31	22 <b>-</b> 49	07 <b>11</b> 757	16 <b>-</b> 206	16 X 30	22№14	14 🛚 38	<del>19</del> <b>≈</b> 37	05№52	24≯719	16 <b>‰</b> 47
15	11&56	23 <b>-</b> 208	08M251	16 <b>-</b> 30	16 II 42	22№41	14 II 39	<u>19≈30</u>	06M51	24≯738	17师02
16	12&21	23 <b>-</b> 28	09 <b>11</b> 746	16 <b>-</b> 54	16 X 54	23№09	14 II 39	19 <b>≈</b> 22	07ጤ49	24≯758	17ጤ17
17	12&46	23 <b>-</b> 48	101740	17 <b>≏</b> 18	17 🛚 06	23№37	14 <b>I</b> I 39	<u>19<b>≈</b>15</u>	08 <b>M</b> 48	25≯17	17 <b>‰</b> 32
18	13	24 <b>-</b> 207	1111734	17 <b>≏</b> 42	17 X 17	24№05	14 II 39	<u>19<b>≈</b>08</u>	09ሙ46	25≯737	17 <b>‰</b> 47
19	13ഹ35	24 <b>-</b> 27	121129	18 <b>≏</b> 06	17 II 29	24№33	14 II 40	<u>19≈02</u>	10ሙ43	25≯757	18№02
20	14െ00	24 <b>-</b> 47	1311723	18 <b>-</b> 30	17 II 39	25№01	14 🛚 40	<u>18≈55</u>	11ሙ41	26≯717	18 <b>I</b> 18
21	14പ്പ25	25 <b>-</b> 207	14MP17	18 <b>-</b> 255	17 X 50	25№29	14 II 40	<u>18<b>≈</b>49</u>	12 <b>M</b> 38	26≯737	18 <b>I</b> 33
22	14Ω49	25 <b>≏</b> 27	15MP11	19 <b>△</b> 19	18 II 00	25№58	14 II 40	<u>18≈44</u>	13M35	26 🛪 58	18M49
23	15Ω14	25 <b>-</b> 47	161705	19-243	18 II 10	26№26	14 II 40	<u>18≈38</u>	14M32	27 🛪 18	19104
24	15Ω38	26 <b>-</b> 07	161759	20-08	18 II 20	26№55	14 II 39	<u>18≈33</u>	151129	27×739	191120
25	16&03	26 <b>≏</b> 27	171752	20-32	18 II 29	27M23	14 X 39	<u>18≈28</u>	16M-26	28×701	191036
26	16Ω27	26 <b>-</b> 47	181746	20-57	18 II 38	27M52	14 II 39	<u>18≈24</u>	17M22	28 🛪 22	19M-52
27 28	16Ω52	27 <b>-</b> 27	191740	21-21	18 II 47	28M21 28M50	14 II 38	<u>18≈19</u>	18M·18	28 🗷 44	20M08
	17Ω16	27 <b>≏</b> 27 27 <b>≏</b> 47	20MP33	21 <b>△</b> 46 22 <b>△</b> 10	18 II 55 19 II 03		14 X 38	<u>18≈15</u>	19\mathbb{M}14 20\mathbb{M}09	29×705 29×727	20M25 20M41
<b>29</b> 30	17&40 18&04	28 <b>-</b> 207	21MP27 22MP20	22 <del>-3</del> 5	19 X 03	29 <b>ቤ</b> 18 29 <b>ቤ</b> 47	14 II 38 14 II 37	<u>18≈12</u> 18≈08	211109	29 🛪 49	201164 T
30	100204	20=07						New York,			2011037
Day	Ceres	Juno		Sappho		Vesta	Chiron			Astarte	Erato
1	18Ω28	28 <b>≏</b> 28	2311713	23 <b>≏</b> 00	19 II 18	00 <b>≯</b> 17	14 II 36	18≈0 <u>5</u>	22№00	00V312	21M·14
2	18Ω52	28 <b>-</b> 28	2411707	23 <b>-</b> 25	19 II 25	00716	14 X 36	<u>18≈02</u>	22M54	00V312	21M30
3	19&16	29-208	25MP00	23-249	19 X 31	01 🗷 15	14 X 35	<u>18≈00</u>	23/149	001357	2111647
4	19 $\Omega$ 40	29-28	25 <b>m</b> 53	24-214	19 🛚 38	01744	14 X 34	<u>17≈57</u>	24M43	01/320	22№04
5	20&03	29 <b>-</b> 248	26 <b>M</b> 46	24 <b>-</b> 39	19 II 44	02才13	14 II 33	<u>17≈56</u>	25№37	01/343	22№20
6	20 ඩ 27	00M09	27 <b>117</b> 39	25 <b>-</b> 204	19 II 49	02≯743	14 X 32	<u>17≈54</u>	26M31	02Vt07	22№37
7	20ഹ51	00№29	28 <b>117</b> 32	25 <b>-</b> 29	19 🛚 54	03≯12	14 X 31	<u>17≈53</u>	27M25	02 <b>1</b> 30	22№54
8	21&14	00 <b>‰</b> 50	29 <b>17</b> 24	25 <b>-</b> 54	19 🛚 59	03≯742	<u>14 Ⅱ 30</u>	<u>17≈51</u>	28ጤ18	02ฬ54	23№11
9	21പ്പ38	01ጤ10	00 <b>≏</b> 17	26 <b>-</b> 219	20 II 03	04≯711	<u>14 II 28</u>	<u>17≈51</u>	29ጤ11	03ฬ18	23№28
10	22െ01	01№31	01 <b>≏</b> 09	26 <b>-</b> 44	20 II 07	04≯741	<u>14 Ⅱ 27</u>	<u>17≈50</u>	00≯04	03ฬ42	23№46
11	22&24	01№51	02 <b>≏</b> 02	27 <b>-</b> 209	20 II 11	05≯11	<u>14 II 26</u>	<u>17≈50</u>	00≯757	04ฬ06	24№03
12	22&47	02ጤ11	02 <b>-</b> 54	27 <b>≏</b> 34	20 II 14	05≯741	14 X 24	17≈50	01≯749	04V330	24M20
13	23&10	02M32	03 <b>≏</b> 46	27 <b>≏</b> 59	20 II 16	06≯11	14 II 23	17≈51	02×741	04V\$54	24M38
14	23&33	02M52	04 <b>-</b> 39	28-24	20 II 19	06×740	14 II 21	17≈51	03 🛪 33	05V319	241155
15	23&56	03M-13	05-231	28-50	20 II 21	07 🗷 10	14 X 20	17 <b>≈</b> 52	04×725	05/344	25№13
16	24&19	03M33	06 <b>≏</b> 23	29-214	20 11 22	07×740	14 II 18	17 <b>≈</b> 54	05×716	801490	25M30
17	24&42	03M54	07 <b>≏</b> 14	29 <b>-</b> 40	20 II 23	08×711	14 II 16	17 <b>≈</b> 55	06×707	06/333	25M48
18	25Ω04	04M15	08-26	00M05	20 II 24	08×741	14 II 14	17 <b>≈</b> 57	06 🛪 58	06V\$59	26M06
19	25 <i>Q</i> 27	04M35	08-258	00M31	20 II 24	09×711	14 II 13	18 <b>≈</b> 00	07×748	07V324	26M24
20 21	25 <sub>Ω</sub> 49	04M-56	09-249	00M56 01M22	20 II 24	09×741	14 X 10	18≈02 18≈05	08 🛪 39	07V349	26M-50
22	26&11 26&34	05 <b>ቤ</b> 16 05 <b>ቤ</b> 37	10 <b>△</b> 41 11 <b>△</b> 32	0111622	20 II 24 20 II 23	10 🗷 12 10 🗷 42	14 II 09 14 II 07	18 <b>≈</b> 05 18 <b>≈</b> 08	09≯729 10≯719	08 <b>ぱ1</b> 5 08 <b>ぱ4</b> 0	26№59 27№17
	200134	บบแบง/	11=32	0 111047	<u> 20 π 23</u>	10/142	14 TO	10~00	107 19	001140	Z111011

23	26&56	05№57	12 <b>-2</b> 23	02 <b>‰</b> 12	20 11 22	11才12	14 II 05	18 <b>≈</b> 11	11才08	09VI06	27 <b>M</b> 35
24	27Ω18	06№18	13 <b>≏</b> 14	02№38	20 II 20	11 <b>才</b> 43	14 X 02	18 <b>≈</b> 15	11 <b>才</b> 58	09ฬ32	27№54
25	27£39	06№39	14 <b>≏</b> 05	03M03	<u>20 Ⅱ 18</u>	12≯13	<u>14 II 00</u>	18 <b>≈</b> 19	12⊀47	09 <b>1</b> 58	28№12
26	28&01	06M-59	14 <b>≏</b> 56	03M <sub>29</sub>	20 II 15	12×744	13 II 58	18≈23	13 🛪 36	101324	28/130
*27	28 Ω 24	07M21	15 <b>-</b> 249	03M-55	20 II 12	13×716	13 II 55	18 <b>≈</b> 28	14×726	101352	28M49
28 29	28&45 29&06	07 <b>ሙ</b> 41 08 <b>ሙ</b> 02	16 <b>△</b> 39 17 <b>△</b> 30	04ሙ21 04ሙ47	20 II 08 20 II 05	13 ⊀ 46 14 ⊀ 17	13 II 53 13 II 51	18 <b>≈</b> 32 18 <b>≈</b> 37	15⊀15 16⊀03	111/318 11/345	29M07 29M25
30	29 <sub>0</sub> 27	08M22	17 <b>=</b> 30 18 <b>≏</b> 20	04II647 05M·12	20 II 00	14 🗡 17	13 X 48	18×43	16 🛪 50	12/311	29M44
31	29 <i>Q</i> 48	08M-43	19 <b>-</b> 20	05M38	19 II 56	15 🛪 19	13 X 46	18≈48	17×738	12/311	00×703
		33		0000	<u></u>					121100	001100
			N	lovembe	r 1985 (		S <i>T ends</i> New York	New York	. Longiti	ıde	
Day	Ceres	Juno		Sappho		Vesta	Chiron		Amor	Astarte	Erato
1	00 <b>m</b> 09	09ጤ04	20 <b>-</b> 201	06M03	19 II 51	15才49	<u>13 🛚 43</u>	18≈54	18≯725	131305	00≯721
2	00 <b>m</b> 30	09№24	20 <b>-</b> 51	06№29	19 II 45	16≯720	13 X 40	19≈00	19才13	131332	00≯740
3	00 <b>m</b> 251	09№45	21 <b>-</b> 41	06№55	<u>19 II 39</u>	16≯751	<u>13 Ⅱ 38</u>	19≈06	19≯759	13 <b>1</b> 359	00≯58
4	011111	10№06	22 <b>-</b> 30	07M20	19 II 33	17 🗷 22	<u>13 ¥ 35</u>	19≈13	20🗷 46	14/326	017/17
5	0111732	10M-26	23 <b>-</b> 20	07MJ46	19 II 27	17×753	13 II 32	19≈19	21 🛪 33	141353	017/36
6	0111752	10M47	24 <b>-</b> 210	08M·12	19 II 19	18 🛪 24	13 II 29	19 <b>≈</b> 26	22 🛪 19	15/320	017/54
7 2	02MP12 02MP32	11 <b>ሙ</b> 07 11 <b>ሙ</b> 28	24 <b>≏</b> 59 25 <b>≏</b> 48	08M38 09M03	19 II 12	18 ⊀ 55 19 ⊀ 26	13 II 26 13 II 23	19 <b>≈</b> 34 19 <b>≈</b> 41	23⊀05 23⊀50	151348 161315	02×713
8	0211732	11II628 11M48	26 <b>-</b> 38	09IIc03	19 II 04 18 II 56	19 🛪 26	13 II 23 13 II 20	19≈41	23×50 24×736	16/3/15	02≯32 02≯51
10	0311732	12M <sub>0</sub> 09	27 <b>≏</b> 27	09M55	18 II 48	20728	13 II 17	19 <b>≈</b> 49	25×721	17 <i>V</i> \$10	03×10
11	0311731	12M-29	28 <b>-</b> 216	100021	18 II 39	21700	13 X 14	20≈05	26 🗷 06	17/318	03×29
12	0311750	12№50	29 <b>-</b> 04	10№47	18 II 30	217/31	13 X 11	20≈13	26≯751	18 <b>V</b> \$06	03≯48
13	0411709	13 <b>I</b> 11	29 <b>-</b> 53	11 <b>\</b> \13	18 II 20	22🛪02	13 X 08	20≈22	27≯736	18 <b>1</b> 34	04≯706
14	04 <b>17</b> 28	13 <b>I</b> \u031	00№42	11ጤ38	18 II 10	22≯733	13 X 05	20#31	28≯720	191302	04≯726
15	04MP47	13№52	01ጤ30	12№04	<u> 18 II 00</u>	23≯705	<u>13 Ⅱ 02</u>	20≈40	29才04	19130	04≯745
16	05 <b>m</b> 05	14ጤ12	02ጤ18	12 <b>M</b> 30	<u>17 II 50</u>	23≯736	12 II 59	20≈49	29≯748	191358	05≯704
17	05MP24	14M-32	03M <sub>07</sub>	12M56	17 II 39	24×707	12 II 55	20≈59	00Vf32	20V327	05₹23
18	0511742	14M-53	03M-55	131122	17 II 28	24 🛪 39	12 II 52	21≈09	011/316	201355	05×742
19 20	06MP00 06MP17	15№13 15№34	04 <b>ቤ</b> 43 05 <b>ቤ</b> 30	13Љ48 14Љ14	17 II 17 17 II 05	25⊀10 25⊀42	12 II 49 12 II 46	21 <b>≈</b> 19 21 <b>≈</b> 29	01が59 02が42	211323 211352	06オ01 06オ20
21	06M235	15/li634	06M·18	1411614	16 II 54	26 🛪 13	12 II 40	21≈29	03/325	22V\$20	06×20 06×39
22	06M752	16M-14	07 <b>№</b> 06	15M <sub>0</sub> 06	16 II 42	26745	12 X 39	21≈50	04V308	22/349	06≯59
23	07 <b>11</b> 709	16M-35	07№53	15M-31	16 II 29	27才16	12 X 36	22≈01	04V\$50	231318	07≯18
24	07M26	16M-55	08M-40	15M <sub>-</sub> 57	16 II 17	27 🗷 48	12 II 32	22≈12	05 <b>1</b> 33	231346	07 <i>≯</i> 37
25	07 <b>17</b> 43	17ጤ15	09№27	16 <b>‰</b> 23	<u>16 II 05</u>	28才19	12 X 29	22 <b>≈</b> 23	06ฬ15	24/315	07≯756
26	0811700	17M35	10M-14	16M-49	15 II 52	28 🗷 51	12 X 25	22≈34	06V\$57	24/344	08≯716
27	08M716	17M-55	111101	17M·15	15 II 39	29 🛪 22	12 II 22	22 <b>≈</b> 46	07V38	25V\$13	08 🛪 35
28	0811732	18M·16	1111148	17M41	15 II 26	29754	12 II 18	22≈57	081320	25/342	08 🛪 54
29 30	08MP48 09MP03	18M36 18M56	12ጤ35 13ጤ21	18№07 18№33	15 II 13 15 II 00	00が26 00が58	12 II 15 12 II 11	23 <b>≈</b> 09 23 <b>≈</b> 21	09ฬ01 09ฬ42	261311 261340	09≯14 09≯33
30	03117 03	1011030	131102 T					New York			037/33
Day	Ceres	Juno		Sappho		Vesta	Chiron		Amor	Astarte	Erato
1	09 <b>m</b> 219	19ጤ16	14№08	18 <b>M</b> 59	<u>14 II 47</u>	01ฬ29	12 X 08	23≈34	10 <b>1</b> 3	27 <b>V</b> 309	09₹52
2	09 <b>m</b> 234	19ጤ36	14ጤ54	19ሙ25	14 II 33	02/301	12 II 04	23 <b>≈</b> 46	11/304	27VI39	10≯12
3	0911749	19№56	15M-40	19M51	<u>14 Ⅱ 20</u>	02 <b>V</b> \$33	12 X 01	23≈59	111345	281308	10≯731
4	1011703	20M 16	16M-26	20117	14 II 07	03/305	11 X 57	24≈11	121325	28/337	10 🛪 51
5	1011718	20M36	17M 12	201043	13 II 53	03/336	11 II 54	24≈24	131305	29/106	11 🕅 10
6 7	10MP32 10MP45	20M56 21M15	17M58	21M <sub>0</sub> 09	13 π 40	04が08 04が40	11 II 50 11 II 47	24 <b>≈</b> 37 24 <b>≈</b> 51	131346 141325	29\f35 00≈05	11×729
8	1011/45	21IIL15 21M35	18M-43 19M-29	21M35 22M01	13 II 27 13 II 13	05V312	11 II 47 11 II 43	24≈51 25≈04	15V305	00≈05 00≈35	11¾49 12¾08
9	1111712	21M55	20M·14	22M26	13 X 13	05V312	11 II 40	25≈17	15/305	01≈04	127728
10	1111725	22M·15	20Nv59	22M52	12 II 47	06V315	11 X 36	25 <b>≈</b> 31	16 <b>1</b> 343	01≈34	12×747
11	1111738	22№34	21M-44	23M·18	12 II 34	06V347	11 X 33	25≈45	171303	02≈04	13×707
12	1117750	22№54	22№29	23№44	12 II 21	07ฬ19	11 X 30	25≈59	17 <b>/</b> 342	02 <b>≈</b> 34	13≯726
13	1211702	23№13	23№14	24 <b>\</b> \$10	12 X 08	07ฬ51	11 X 26	26≈13	18ฬ21	03≈03	13≯745
14	121714	23№33	23№59	24№36	<u>11 II 55</u>	08ฬ23	<u>11 Ⅱ 23</u>	26≈28	191300	03≈33	14≯705
15	121725	231152	241143	25№02	11 II 43	08V\$55	11 II 19	26≈42	19/338	04≈03	14×24
16	1211737	24112	25№28	25M28	11 II 30	09V327	11 II 16	26 <b>≈</b> 57	201317	04≈33	14 🗷 44
17	121747	24M31	26M12	25M54	11 II 18	091358	11 II 12	27≈11	201355	05 <b>≈</b> 03	15×703
18	1217758	24M50	26M-56	26M-19	<u>11 π 06</u>	10130	11 X 06	27 <b>≈</b> 26	21/333	05≈33	15×723
19	1311708	25№10	27 <b>‰</b> 40	26 <b>M</b> 45	<u>10 II 54</u>	111302	11 X 06	27≈41	22Vf11	06 <b>≈</b> 03	15≯742

20	1311/218	25№29	28№24	27 <b>‰</b> 11	<u>10 🛚 43</u>	111/334	11 X 02	27≈56	22 <b>1</b> 349	06 <b>≈</b> 33	16 <b>水</b> 01
21	1311/27	25№48	29№07	27№37	<u>10 🛚 32</u>	12 <b>1</b> 306	<u>10 II 59</u>	28 <b>≈</b> 12	23 <b>1</b> 26	07≈03	16 <i>≯</i> 721
22	1311736	26№07	29№51	28№02	<u>10 II 21</u>	12138	<u>10 II 56</u>	28 <b>≈</b> 27	241304	07 <b>≈</b> 33	16⊀740
23	131745	26№26	00≯735	28№28	<u>10 II 10</u>	13 <b>1</b> 310	<u>10 🛚 53</u>	28 <b>≈</b> 42	241341	08 <b>≈</b> 03	16≯759
24	131754	26№45	01才18	28№54	<u>09 II 59</u>	131342	<u>10 II 49</u>	28 <b>≈</b> 58	25 <b>1</b> 318	08 <b>≈</b> 33	17 <b>才</b> 19
25	14MP02	27№03	02₮01	29№19	<u>09 II 49</u>	14/314	<u>10 II 46</u>	29 <b>≈</b> 13	25 <b>1</b> 355	09 <b>≈</b> 03	17 <i>≯</i> 738
26	14MP09	27№22	02才44	29№45	09 II 39	14 <b>1</b> 346	<u>10 II 43</u>	29 <b>≈</b> 29	26 <b>1</b> 32	09 <b>≈</b> 33	17 <i>≯</i> 757
27	14MP17	27№41	03≯727	00才11	09 II 30	15ฬ 18	<u>10 II 40</u>	29 <b>≈</b> 45	27 <b>1</b> 309	10≈04	18才16
28	1411924	27№59	04≯710	00≯737	09 II 20	15 <b>1</b> 349	<u>10 II 37</u>	00€02	27 <b>1</b> 345	10≈34	18≯736
29	14MP30	28№18	04≯752	01≯702	09 II 12	16 <b>1</b> 321	<u>10 Ⅱ 34</u>	00 <b></b>	28 <b>1</b> 22	11≈04	18≯755
30	14M237	28№36	05≯735	01 <i>オ</i> 28	09 II 03	16 <b>1</b> 353	<u>10 🏿 31</u>	00 € 34	28 <b>1</b> 358	11≈34	19才14
31	14MP42	28№55	06≯717	01≯753	<u>08 II 55</u>	17 <b>1</b> 325	<u>10 II 28</u>	00発50	29 <b>1</b> 34	12 <b>≈</b> 05	19⊀33

# Sannha Peyche Vesta Chiron Ophelia

211340

22V312

22V344

23Vt16

231348

241320

241352

25Vf23

25V\$55

26V327

26が59

27 V30

281302

281334

29が05

29 V 37

00\\$09

00 \$\infty 40

01 2 12

01 244

02\\$15

02 \$ 47

03 \$ 18

03 \$ 50

Vesta

04 21

04 \$ 53

05≈24

05≈56

06 27

06≈58

07 \$\infty 30

08\\0000001

08#32

09 204

09 \$35

10≈06

10≈37

11≈08

11 \$\infty 40

12 11

12 242

13 13

13 ≈ 44

14 \$ 14

**14≈**45

15≈16

15 ≈ 47

16≈18

16 ≈ 48

17≈19

Asteroids Ephemeris January 1986, 00:00:00, New York, New York, Longitude

10 X 06

10 X 03

10 X 01

09 II 58

09 II 56

09 II 54

09 II 52

09 II 49

09 II 47

09 X 45

09 II 43

09 X 41

09 II 39

09 II 37

09 II 36

09 II 34

09 II 32

09 II 31

09 II 29

09 II 28

09 II 27

09 II 25

09 II 24

09 II 23

09 II 22

09 II 21

09 II 20

09 II 19

09 II 18

09 II 17

09 II 17

09 II 16

09 II 16

09 II 15

09 II 15

09 II 15

09 II 15

09 II 14

09 II 14

09 II 14

09 II 14

09 II 15

09 II 15

09 II 15

09 II 16

09 II 16

09 II 17

09 II 17

09 II 18

09 II 19

Chiron Ophelia

February 1986, 00:00:00, New York, New York, Longitude

 $03 \pm 05$ 

03¥23

 $03 \pm 40$ 

03¥57

04 X 15

04¥32

04¥50

05¥08

05**X**26

05 € 44

06 € 02

06X20

06X38

06¥56

07 X 14

07 X 33

07 X 51

08 X 10

08¥28

08¥47

09X05

09 € 24

09 X 43

10¥02

10 X 20

10 X 39

10¥58

11 € 17

11**X**36

11**X**55

12**X**15

12**X**34

12**X**53

13 € 12

13¥32

13**X**51

14 × 10

14**X**30

14**X**49

15**X**09

15**X**28

15**X**48

16**X**07

16**X**27

16**X**46

17¥06

17**¥**26

17**X**45

18**X**05

18**X**25

Amor

00≈10

00≈46

01 22

04≈18

04≈53

05≈28

06≈03

06≈37

07≈12

07≈46

08\20

08≈54

09 \$28

10\\$02

10#36

11209

11 243

12 \$ 16

12#49

13 22

13≈55

14**≈**28

15≈01

15≈33

16 206

16≈38

17≈11

Amor

**17≈4**3

18 ≈ 15

18≈47

19 \$ 19

19 \$ 50

20 22

20 \$ 54

21\pi25

21\$56

22 28

22\$59

23 230

24\@01

24\31

25 202

25 23

26 203

26 33

27 204

27 34

28\&04

28 34

29 203

29\\$33

00X03

00X33

**Astarte** 

12≈35

13≈05

13≈36

16≈08

16≈38

17≈09

17≈39

18≈10

18 241

19 \$ 11

19≈42

20 2 12

20 243

21 13

21 ≈ 44

22 2 15

22 \$\pi 45

23 216

23 ≈ 46

24 \$ 17

24 248

25≈18

25 \$ 49

26≈19

26≈50

27 21

27 \$ 51

Astarte

28 22

28 2 52

29 22

29 \$ 53

00 X 24

00 X 55

01X25

01<del>X</del>56

02¥26

02X57

03¥27

03X58

04X28

04X59

05X29

06¥00

06X30

07X01

07¥31

08¥02

08X32

09X02

09X33

10¥03

10 X 33

11X04

Erato

19 7 52 20 7 12

20 7 31

22×706

22 7 25

22 🗷 44

23 7 02

23 7 21

23 🗷 40

23 7 59

24×717

24×736

24 7 54

25 7 13

25 7 31

25×750

26708

26 7 26

26 7 45

27×703

27 7 21

27×39

27×757

28 🗷 15

28 🗷 33

28 🗷 51

29708

Erato

29 7 26

29 7 43

00V301

00 vs 19

00**1**36

00154

011311

011328

011345

021302

02V319

02V336

02ぱ52

03Vt09

03V26

03V342

03V\$58

04V315

04V331

04V347

05ぱ03

05 18

05V334

05が50

06が05

06V321

Jay	Ceres	Juno	Eros	Sappno	Psyche	vesta	Chiron	opnella
1	14MP48	29№13	07⊀700	02才19	08 <b>I</b> I47	17 <i>V</i> 357	10 II 25	01 <del>X</del> 07
2	1417753	29ጤ31	07×742	02×744	08 11 39	18ฬ29	10 X 22	01 € 24

4	15MP02	80₹00	09≯706	03≯735	08 II 25	19133	10 II 17	01 <b>光</b> 57	01≈57	14≈06	20≯750
5	15 <b>m</b> /06	00≯725	09≯747	04≯701	08 II 19	20 <b>1</b> 305	10 II 14	02 <b>X</b> 14	02 <b>≈</b> 33	14≈37	21才09
6	15 <b>m</b> 09	00≯743	10 才29	04≯726	08 II 13	20 <b>1</b> 37	10 X 11	02 <b>X</b> 31	03 <b>≈</b> 08	15≈07	21才28
7	15MP12	01 <b>水</b> 01	11711	04⊀751	08 II 07	211309	10 X 09	02 <b>X</b> 48	03 <b>≈</b> 43	15≈37	21×747

08 II 02

07 II 57

07 II 53

07 II 49

07 II 45

07 II 42

07 II 39

07 II 36

07 II 34

07 II 33

07 II 31

07 II 31

07 II 30

07 II 30

07 II 31

07 II 31

07 II 32

07 II 34

07 II 36

07 II 38

07 I I 41

07 II 44

07 II 47

07 II 51

**Psyche** 

07 II 55

00II80

08 II 05

08 II 10

08 II 15

08 II 21

08 II 28

08 II 34

08 II 41

08 II 48

08 II 56

09 II 04

09 II 12

09 II 21

09 II 29

09 II 39

09 II 48

09 II 58

10 II 08

10 II 18

10 II 29

10 II 39

10 X 51

11 X 02

11 II 14

11 X 25

3 14MP58 29 配 49 08 🗷 24 03 🗷 10 08 II 32 191301 10 II 19 15M202 UU 24 US വര 🛂 വദ

05 🗷 17

05 🗷 42

06≯707

06732

06 ₹ 57

07 7 23

07 ×748

08 🗷 13

08×38

09703

09 🗷 27

09 🗷 52

10 🗷 17

10 🗷 42

113707

11731

11 7 56

12 7 20

12 7 45

13 🗷 09

13×733

13 7 58

14 7 22

14×746

15**水**10

15 7 34

15**₹**58

16×722

16×746

17×710

17×733

17×757

18 🗷 20

18 🗷 44

19×707

197/30

19×754

20 7 17

20 7 40

21702

21725

21748

22 7 10

22733

22 7 55

23 7 18

23 7 40

24 7 02

24 🗷 24

24×746

Sappho

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

27

28

29

30

31

1 2

3

4

5

6

7

8

9

10

11

12

13

14

15

16 17

18

19

20

21

22

23

24

25

26

Day

15MP15

15MP17

15MP 18

15MP20

15MP20

15MP21

15MP21

15MP20

15MP19

15MP18

15MP 16

15MP14

15MP11

15MP08

15MP05

15MP01

14MP56

14MP51

14MP46

14MP40

14MP34

14MP28

14MP21

1411713

Ceres

14MP05

13MP57

13MP49

131740

131730

13MP21

13MP11

131700

12MP50

121739

121727

12MP16

121704

1117752

1117739

111726

1111714

1111701

10MP47

101734

101721

1011707

09M753

091739

09MP26

09MP12

01 7 19

01736

01754

02 🗷 11

02 7 29

02×746

03 🗷 03

03 7 20

03×737

03 🗷 54

04×710

04 🗷 27

04 🗷 43

05 ₹ 00

05 ₹ 16

05 ₹32

05 × 48

06 7 04

06 🗷 19

06 ₹35

06₹50

07 ₹ 06

07×721

07 オ36

Juno

07×751

08 ₹ 80

08×720

08 🗷 35

08×749

09 7 03

09×17

09×731

09 🗷 44

09 7 58

10 7 11

10 7 24

10×737

10 7 50

11703

11 7 15

11 7 27

11739

11 7 51

12 7 0 3

12 7 14

12 7 26

12 7 37

12 7 48

12 7 58

13×709

11 7 52

12733

13 🗷 14

13 7 55

14 🛪 36

15 7 17

15 7 57

16×738

17×718

17<sup>3</sup>758

18 7 38

19 7 18

19 7 58

20×37

21 7 17

21 7 56

22 🗷 35

23 🗷 14

23 7 53

24×732

25×711

25 🗷 49

26×728

27**₹**06

**Eros** 

27×744

28 7 22

29×700

29×737

00 vt 15

00Vf53

01が30

02が08

02V345

03Vt22

03Vt58

04V35

05ぱ12

05V348

06V324

07が00

07**13**6

08 12

08V348

09が23

09ぱ59

10134

111309

111344

12V319

121354

01 € 40

27	08 <b>m</b> 58	13才19	131328	25⊀07	11 <b>I</b> I38	17≈50	09 II 20	18 <b></b> ¥45	01 <del>X</del> 02	11 <b>光</b> 34	06 <b>v</b> 336
28	0811730	137729	14/303	257729	11 X 50	18 <b>≈</b> 20	09 11 20	19 <del>¥</del> 04	01 <del>X</del> 31	12¥04	06 <b>V</b> \$51
							w York, N				
Day	Ceres	Juno	Eros :	Sappho	Psyche	Vesta	Chiron	Ophelia	Amor	Astarte	Erato
1	08 <b>M</b> 30	13≯739	14 <b>1</b> 37	25≯750	12 <b>I</b> I03	18≈51	09 X 21	19 <b></b> €24	02 <del>X</del> 01	12 <b></b>	07ฬ06
2	08 <b>m</b> 216	13才48	15 <b>1</b> 311	26≯712	12 X 15	19≈22	09 II 22	19 <b>光</b> 44	02¥30	13 € 04	07/321
3	0811702	13≯758	15 <b>1</b> 345	26≯733	12 <b>I</b> I29	19 <b>≈</b> 52	09 II 24	20 € 04	02 <del>X</del> 59	13 € 35	07ฬ36
4	07 <b>17</b> 48	14≯707	16 <b>1</b> 319	26≯754	12 <b>I</b> I42	20≈22	09 II 25	20 € 24	03 <b>¥</b> 28	14 <b>光</b> 05	07ぱ50
5	07 <b>m</b> /34	14≯716	16 <b>1</b> 353	27 <i>≯</i> 15	12 <b>1</b> 55	20≈53	09 II 26	20 € 43	03 <b>X</b> 57	14 € 35	08 <b>V</b> \$05
6	07 <b>m</b> 20	14≯724	17V327	27≯736	13 <b>I</b> I09	21≈23	09 🛚 27	21¥03	04 <b>X</b> 25	15⊛05	081ช 19
7	07 <b>m</b> 207	14 🛪 33	181300	27 🗷 57	13 🛚 23	21≈54	09 11 29	21 € 23	04 <del>X</del> 54	15 € 35	081/33
8	06MP53	14×741	181333	28 🗷 17	13 II 37	22≈24	09 II 30	21 € 43	05₩23	16 € 05	08 <b>V</b> \$48
9	06MP40	14×749	191306	28 🛪 38	13 X 52	22≈54	09 II 32	22¥03	05¥51	16 € 35	09/302
10	06MP27	14 🗷 56	19139	28 🛪 58	14 II 06	23≈24	09 II 33	22¥23	06¥20	17¥05	09V\$15
11 12	06MP14 06MP01	15≯04 15≯11	201312 201345	29 🖈 17 29 🖈 37	14 II 21 14 II 36	23 <b>≈</b> 54 24 <b>≈</b> 24	09 II 35 09 II 37	22¥43 23¥03	06¥48 07¥16	17¥35 18¥05	09v329 09v343
13	0511701	15 🗷 18	21/317	29×37	14 II 52	24≈54	09 II 39	23¥22	07 <del>X</del> 10	18¥35	09 <b>v</b> 343
14	05M749	157724	211/31/	00V317	15 II 07	25≈24	09 II 41	23 <b>X</b> 42	08¥12	19¥05	101309
15	0511730	15731	221330	00V317	15 II 23	25 <b>≈</b> 24	09 11 43	24¥02	08¥40	19 <del>X</del> 05	10/309
16	05M712	15×37	221354	00V357	15 X 23	26≈24	09 11 45	24×22	09¥08	20¥05	10/322
17	0511701	15×743	23V326	01V315	15 II 54	26≈54	09 11 47	24¥42	09 <b>X</b> 35	20 <del>X</del> 34	101348
18	0411750	15×748	23 <b>1</b> 358	01/334	16 X 10	27≈24	09 II 49	25 € 02	10¥03	21 € 04	11/301
19	04 <b>m</b> 39	15≯753	24V329	01 <b>1</b> 353	16 X 27	27≈53	09 🛚 51	25 <b>¥</b> 22	10 <b></b>	21 €34	111/313
20	0411728	15≯758	25 <b>1</b> 301	02\ช12	16 <b>I</b> I43	28 <b>≈</b> 23	09 II 53	25 € 42	10¥58	22₩04	111/325
21	04 <b>17</b> 18	16≯703	25 <b>1</b> 32	02 <b>\</b> 30	17Ⅱ00	28≈52	09 🛚 56	26₩02	11 <b>光</b> 25	22 <b></b>	111/37
22	0411708	16≯707	26ぱ03	02\%48	17 X 17	29 <b>≈</b> 21	09 II 58	26 € 22	11 <del>X</del> 52	23 € 03	111/349
23	0311759	16⊀11	26 <b>1</b> 34	03 <b>1</b> 306	17Ⅱ34	29≈51	10 X 01	26 € 41	12 <b></b>	23 <b>X</b> 32	121301
24	0311749	16≯715	27 <b>1</b> 305	03V324	17Ⅲ51	00 <b></b> €21	10 X 03	27¥01	12 <b></b> ¥46	24 € 02	121313
25	0311741	16 <b>水</b> 19	27 <b>1</b> 35	03V342	18 X 08	00 <del>¥</del> 50	10 X 06	27 <b>¥</b> 21	13 <b>X</b> 13	24€31	121324
26	0311732	16×722	28 <b>1</b> 306	03V\$59	18 II 26	01 € 19	10 II 08	27 € 41	13€39	25 € 01	12/335
27	0311724	16×725	28 <b>1</b> 36	04V\$17	18 II 43	01 € 49	10 X 11	28 € 01	14₩06	25 € 30	12/346
28	0311716	16×727	291306	04134	19 X 01	02¥18	10 X 14	28¥21	14¥33	26€00	121357
29	0311709	16×730	29136	04V\$50	19 II 19	02¥47	10 X 17	28 € 40	14¥59	26 € 29	131308
<b>30</b> 31	03MP02 02MP56	16≯32 16≯33	00≈06 00≈36	05ぱ07 05ぱ24	19 II 37	03¥16 03¥45	10 II 20 10 II 23	29¥00 29¥19	15¥25 15¥52	26¥58 27¥28	131/18
31	0211/30	10 / 33	00~30				w York, Ne				131328
Day	Ceres	Juno	Eros	Sappho		Vesta	Chiron		Amor	Astarte	Erato
1	021750	16×735	01≈05	05/340	20 II 13	04 <b>X</b> 14	10 II 26	29 € 39	16 <b></b> € 18	27 <b>光</b> 57	131338
2	0211744	16≯36	01≈34	05 <b>1</b> 356	20 X 32	04 € 43	10 X 29	29 € 59	16∺44		131348
3	0211739	16≯737	02≈03	06/ร11	20 X 50	05 <b> ±</b> 11	10 X 32	00介19	17 <b></b> ⊛10	28 <b></b>	131358
4	0211734	16⊁737	02#32	06V327	21 <b>I</b> I09	05 € 40	10 X 35	00Ƴ39	17 <b>光</b> 35	29 € 24	141307
5	0211730	16≭37	03 <b>≈</b> 01	06/342	21 🛚 28	06₩09	10 II 38	00介59	18 <b></b>	29 €53	14V317
6	02 <b>m</b> 26	16≯737	03 <b>≈</b> 29	06 <b>V</b> \$57	21Ⅱ46	06€37	10 🛚 42	01介18	18 <b></b>	00℃23	141326
7	0211722	16≯736	03 <b>≈</b> 58	07ฬ12	22 <b>I</b> 05	07₩06	10 <b>II</b> 45	01Ƴ38	18 <b>光</b> 52	00 <b>T</b> 51	141334
8	02 <b>m</b> 219	16≯735	04≈26	07V\$26	22 II 25	07 € 34	10 II 48	01介57	19 <b></b>	01℃20	141343
9	021716	16×734	04≈54	07V\$40	22 11 44	08 € 02	10 II 52	02介17	19€43	01 <b>T</b> 49	141351
10	0211714	16×732	05≈22	07V\$54	23 11 03	08¥31	10 X 55	02 <b>~</b> 37	20 € 08	02 T 18	141359
11	0211712	16×730	05 <b>≈</b> 49	801/80	23 II 23	08¥59	10 II 59	02 <b>T</b> 56	20¥33	02147	151307
12	02111	16×728	06 <b>≈</b> 17	08V321	23 II 42	09¥27	11 II 02	03 <b>T</b> 16	20¥58	03116	15V\$15
13	0211710	16×726	06 <b>≈</b> 44	08V335	24 II 02	09 <del>¥55</del>	11 X 10	03T35	21¥23	03744	15V323
14	02MP09 02MP09	16×723	07 <b>≈</b> 11	08 <b>1</b> 347	24 II 22	10¥23	11 II 10	03介55 04介14	21¥48 22¥12	04介13 04介42	15/330
15 16	0211709	16 <b>水</b> 19 16 <b>水</b> 16	07 <b>≈</b> 37 08 <b>≈</b> 04	09ぱ00 09ぱ12	24 II 42 25 II 02	10¥51 11¥19	11 II 13 11 II 17	04 <sup>1</sup> 14	22 <del>X</del> 12	04°1°42 05°10	15137 151343
17	0211709	16712	08≈30	09V312	25 II 22	11 <del>X</del> 19	11 X 17	04 T 53	23¥01	05 T 10	15/343
18	0211710	167/08	08 <b>≈</b> 56	09V324	25 II 42	12 <b>X</b> 14	11 X 25	04 T 33	23 <b>X</b> 26	06T07	15/356
19	0211711	16703	09≈22	09 <b>1</b> 33	26 11 02	12 <b>X</b> 41	11 11 29	05 T 12	23¥50	06 T 07	16 <b>1</b> 300
20	0211115	15 🛪 58	09≈48	09V\$58	26 II 23	13 € 09	11 X 33	05↑51	24¥14	07↑04	16V302
21	02MP17	15≯753	10≈13	101308	26 II 43	13 € 36	11 X 37	06介10	24 <b>X</b> 38	07℃32	161313
22	021120	15≯747	10≈38	10 <b>v</b> \$19	27 II 03	14 € 03	11 X 41	06↑29	25₩02	08 <b>T</b> 01	16 <b>V</b> 318
23	021123	15≯741	11≈03	10 <b>1</b> 329	27 II 24	14 € 31	11 <b>II</b> 45	06Ƴ48	25₩25	08Ƴ29	16 <b>1</b> 3
24	02 <b>11</b> 27	15≭35	11≈28	10138	27 II 45	14 € 58	11 <b>II</b> 49	07℃07	25∺49	08介57	16 <b>1</b> 328
25	02 <b>M</b> 231	15≯729	11 <b>≈</b> 53	10 <b>V</b> \$47	28 <b>I</b> I05	15⊛25	11 <b>I</b> 53	07℃26	26ℋ13	09℃25	16132
26	0211735	15≯722	12 <b>≈</b> 17	10 <b>1</b> 356	28 II 26	15 € 52	11 II 57	07Ƴ45	26∺36	09 <b>T</b> 53	16 <b>1</b> 37
*27	02 <b>M</b> 740	15 ₹ 15	12≈40	11ฬ05	28 II 46	16 € 17	12 <b>I</b> I01	08 <b>T</b> 03	26₩58	10℃20	16 <b>1</b> 340

28	02 <b>11</b> 745	15≯708	13 <b>≈</b> 04	111/1313	29 <b>I</b> 07	16 <b></b>	12 <b>I</b> I05	08℃22	27 <del>¥</del> 21	10Ƴ48	16 <b>v</b> 344
29	02 <b>m</b> 251	15≯700	13 <b>≈</b> 27	111/321	29 II 28	17 € 11	12 II 10	08Ƴ41	27∺44	11 <b>°</b> 16	16/347
30	02 <b>m</b> 257	14≯752	13 <b>≈</b> 51	11ฬ28	29 <b>I</b> 49	17 <b>:</b> 37	12 II 14	09 <b>T</b> 00	28₩07	11 <b>°</b> 43	16 <b>1</b> 350
						*/10	T starts				
				May 1	986.00:0		v York, Ne	w York La	naitude	<b>.</b>	
Day	Ceres	Juno	Eros S		Psyche	Vesta	Chiron		Amor	Astarte	Erato
1	0311703	14×743	14≈14	11/335	00%11	18¥04	12 II 18	09 <b>1</b> 9	28¥30	12 <b>°</b> 11	161353
2	0311710	14≯735	14≈37	11/342	00%32	18 <b>¥</b> 30	12 II 23	09介37	28¥53	12介39	161356
3	03 <b>M</b> 217	14≯726	14≈59	111/348	00253	18 <b></b>	12 II 27	09Ƴ56	29 <b></b> 15	13 <b>°</b> 06	16 <b>V</b> \$58
4	0311724	14≯716	15≈21	111354	019315	19 € 22	12 <b>I</b> I 32	10介15	29₩37	13Ƴ34	17 <b>1</b> 300
5	0311732	14≯707	15 <b>≈</b> 43	11ฬ59	01536	19 <b></b>	12 <b>I</b> I36	10Ƴ33	00T00	14 <b>T</b> 01	17 <b>/</b> 301
6	03 <b>117</b> 40	13≯757	16≈05	121305	01358	20 <b></b>	12 <b>I</b> 41	10介52	00℃22	14 <b>T</b> 29	17 <b>1</b> 303
7	03 <b>117</b> 48	13≯747	16≈26	121309	02%19	20¥40	12 II 45	11介10	00℃44	14介56	17V304
8	03 <b>m</b> 257	13≯737	16 <b>≈</b> 48	12 <b>1</b> 3	02%41	21 <del>X</del> 06	12 II 50	11↑29	01 <b>T</b> 06	15 <b>T</b> 23	171304
9	0411706	13≯726	17≈08	121317	03203	21¥31	12 II 54	11介47	01 <b>T</b> 28	15 <b>T</b> 51	17/305
10	0411715	13 🛪 15	17 <b>≈</b> 29	121320	03\$24	21¥57	12 II 59	12个05	01750	16 T 18	17/305
11	041725	13×704	17 <b>≈</b> 49	121323	03546	22¥22	13 II 03	12 <sup>2</sup> 23	0211	16 <sup>45</sup>	17/305
12 13	04M25	12≯753 12≯742	18 <b>≈</b> 09	12V\$26	04808	22¥47	13 II 08	12 <b>1</b> 42	02 $\Upsilon$ 33	17个12 17个39	171304 171304
14	04MP45 04MP56	12×42 12×30	18 <b>≈</b> 29 18 <b>≈</b> 48	121328 121329	04%30 04%52	23 ¥ 12 23 ¥ 37	13 II 13 13 II 18	13°1°00 13°1′18	021154 03115	18T06	17 <i>V</i> 304
15	0411/30 0511/207	12730	19≈40	12/329	05%14	23 <del>X</del> 37	13 II 22	13 T 16	03 T 15	18 T 33	17 V3 U3
16	05MP18	12710	19 <b>≈</b> 07	12/330	05%36	24 <del>X</del> 27	13 II 27	13 T 50	03 T 50	18 T 59	17/301
17	0511710	113754	19 <b>×</b> 23	12/331	05858	24 × 52	13 X 32	14 T 11	03 T 37	19 <sup>2</sup> 6	16/358
18	0511742	11741	20≈02	12/331	06%20	25¥16	13 II 37	14↑29	04℃38	19介53	161355
19	05MP54	11729	20≈19	12130	06%43	25 € 41	13 II 41	14介47	04℃58	20介19	161353
20	06 <b>11</b> 706	11≯16	20≈36	121329	07205	26¥05	13 <b>II</b> 46	15Ƴ04	05 <b>T</b> 19	20Ƴ46	16 <b>1</b> 350
21	06 <b>M</b> 219	11≯703	20≈53	121327	079327	26₩29	13 🛚 51	15Υ22	05 <b>T</b> 39	21介12	16 <b>V</b> \$47
22	06 <b>m</b> 32	10≯750	21≈10	12 <b>1</b> 325	075349	26¥53	13 <b>I</b> 56	15Ƴ39	05 <b>T</b> 59	21个38	16 <b>1</b> 343
23	06 <b>M</b> 245	10≯737	21≈26	12 <b>1</b> 22	08%12	27 <b></b>	14 X 01	15介57	06Ƴ18	22Ƴ04	16 <b>1</b> 39
24	06 <b>m</b> 59	10≯724	21≈41	12 <b>1</b> 319	08534	27 <b></b> ¥41	14 II 05	16介14	06T38	22 <b>T</b> 30	16 <b>V</b> 35
25	07MP13	10≯11	21≈57	12V\$16	08957	28 € 04	14 II 10	16Ƴ31	06℃58	22 <b>T</b> 57	16 <b>V</b> 331
26	07MP27	09×757	22≈12	12/311	09819	28 € 28	14 II 15	16 <b>↑</b> 48	07 <b>1</b> 7	23 ↑ 23	16/326
27	07M741	09×744	22 <b>≈</b> 26	121307	09\$42	28¥51	14 II 20	17 <b>°</b> 05	07 <b>T</b> 36	23 748	16V321
28 29	07MP55 08MP10	09≯30 09≯17	22 <b>≈</b> 40 22 <b>≈</b> 54	121302 111356	10%04 10%27	29¥13 29¥36	14 II 25 14 II 30	17 <b>↑</b> 22	07介55 08介14	24个14 24个40	16 <b>1</b> 316
30	0811/10	09×17	23 <b>≈</b> 07	11/350	10327	29 <del>X</del> 59	14 II 35	17 T 59 17 <b>T</b> 56	08T33	25T06	16 <b>V</b> \$05
31	081720	08≯50	23≈20	11/344	119312	00 <sup>23</sup>	14 X 40	18 <b>1</b> 13	08T51	25 T 30	15 <b>1</b> 359
01	OOM 10	007100	2020				v York, Ne				101300
Day	Ceres	Juno	Eros S	Sappho	Psyche	Vesta	Chiron (	Ophelia	Amor	Astarte	Erato
1	08 <b>117</b> 56	08≯36	23≈33	111/37	11935	00Ƴ45	14 II 45	18↑29	09介10	25介57	151352
2	09 <b>1</b> 711	08≯723	23 <b>≈</b> 45	11 <b>1</b> 329	11957	01 <b>个</b> 07	14 🛚 50	18Ƴ46	09Ƴ28	26℃22	15 <b>1</b> 346
3	09 <b>11</b> 27	08≯709	23 <b>≈</b> 56	111/321	12320	01 <b>T</b> 30	14 II 55	19Ƴ02	09Ƴ46	26Ƴ47	15 <b>1</b> 39
4	0911743	07≯756	24≈07	111/313	12543	01 <b>T</b> 52	15 X 00	19介19	10 <b>T</b> 04	27介12	15/331
5	091759	07×742	24≈18	11/304	13506	02114	15 X 05	19 7 3 5	10 722	27 <b>T</b> 37	151324
6	1011/216	07×729	24 <b>≈</b> 28	101355	13529	02 <b>T</b> 35	15 II 10	19 <b>°</b> 51	10 <b>T</b> 39	28T02	151316
7 8	10MP33	07≯15 07≯02	24 <b>≈</b> 37	101345 10135	13951	02 <sup>57</sup>	15 II 15 15 II 19	20T07	10个56 11个14	28 <sup>2</sup> 7	15/308
9	1111707	07 × 02 06 × 49	24 <b>≈</b> 46 24 <b>≈</b> 55	10/35	14 <b>%</b> 14 14 <b>%</b> 37	03T18	15 II 19 15 II 24	20T23 20T39	111131	28 T 52 29 T 16	151300 141351
10	1111/07	06≯49 06≯36	25 <b>≈</b> 02	10/3/23	15800	04 T 01	15 11 29	20 T 59	11147	29 1 10	147331
11	1111742	06 <b>≯</b> 23	25 <b>≈</b> 10	10/314	15\&23	04 T 01	15 II 34	21个10	12个04	00 8 06	14/334
12	1111759	06≯10	25≈17	09 <b>1</b> 352	15%46	04T42	15 II 39	21126	12 <sup>1</sup> 20	00 8 30	14/324
13	12117	05≯757	25≈23	09 <b>1</b> 39	16209	05℃03	15 X 44	21个41	12 <b>°</b> 37	00 B 55	141315
14	1211735	05≯745	25 <b>≈</b> 29	091326	16&32	05℃23	15 <b>II</b> 49	21介56	12 <b>T</b> 53	01 წ 19	141305
15	1211754	05≯33	25≈34	09ฬ13	16255	05Ƴ43	15 II 54	22介12	13个08	01843	13 <b>1</b> 356
16	1311712	05≯20	25≈38	09 <b>1</b> 00	17%18	06T03	15 II 59	22↑27	13℃24	02807	131346
17	1317731	05≯08	25≈42	08 <b>V</b> \$47	179341	06℃23	16 X 04	22介42	13 <b>T</b> 39	02831	131/35
18	131749	04×757	25≈46	08133	18504	06℃42	16 X 09	22介56	13755	02 8 55	131325
19	141708	04×745	25 <b>≈</b> 48	08V319	18927	07 <b>T</b> 01	16 II 14	23 <b>T</b> 11	14110	03 8 18	131315
20	141127	04×334	25 <b>≈</b> 51	08Vf05	18\$50	07 <b>T</b> 21	16 II 19	23 <sup>2</sup> 26	14 724	03842	13V304
21 22	14MP47 15MP06	04≯722 04≯712	25 <b>≈</b> 52 25 <b>≈</b> 53	07150	19 <b>%</b> 13	07 <b>↑</b> 39	16 II 24 16 II 28	23 <b>↑</b> 40 23 <b>↑</b> 54	14 $\Upsilon$ 39	04 8 05 04 8 29	121353 121342
23	1511706	04×12	25≈53 25≈53	07/36 07/321	19859	07 T 58	16 II 33	24 T 08	15T07	04829	12/342
24	1511/25	04×01	25 <b>≈</b> 53	07 <i>V</i> 321	20%22	08 T 17	16 II 38	24 T 08	15 T 07	05 g 15	12/331
۷4	1011740	007100	20~00	07 1300	20022	00 1 00	10 7 30	2 <del>7</del> 1 23	10121	00010	121320

25	1611705	03≯740	25≈51	06が50	20%45	08 <b>T</b> 53	16 II 43	24 <b>T</b> 36	15 <b>Ƴ</b> 35	05 <del>8</del> 38	121308
26	1611705	03740	25 <b>≈</b> 50	06 <b>1</b> 35	213609	09 T 11	16 X 48	24 T 50	15 T 33	06 8 01	11/357
27	161745	03721	25≈47	06V320	21932	09 T 28	16 II 53	25 ↑ 04	16个02	06 8 23	11/345
28	17MP05	03711	25≈44	06V304	21355	09↑45	16 II 57	25 ↑ 0 ↑	16 <b>T</b> 15	06 8 46	11/334
29	17 <b>m</b> 26	03≯702	25≈40	05V348	22%18	10 <b>T</b> 02	17 II 02	25 <b>T</b> 31	16 <b>T</b> 27	07 B 08	111/322
30	17 <b>17</b> 46	02≯753	25≈35	05Vt33	22%41	10 <b>T</b> 19	17 X 07	25介44	16Ƴ40	07 8 31	111/310
<b>C</b>	0		/				v York, Ne				F4-
Day 1	Ceres 18MP07	<b>Juno</b> 02 ₹ 45	Eros \$ 25≈30	<b>Sappho</b> 05 <b>1</b> 7	23 <b>%</b> 04	Vesta 10 ↑ 36	Chiron (	<b>25 1 25 1 25 1 1 1 25 1 1 1 1 1 1 1 1 1 1</b>	<b>Amor</b> 16 <b>↑</b> 52	Astarte 07 8 53	Erato
2	1811728	02743	25 <b>≈</b> 24	05 <b>1</b> 7	23328	10 T 50	17 X 12	26 <b>°</b> 10	17°T04	08 g 15	10 <i>V</i> 339
3	181749	02728	25≈17	04V346	23%51	11108	17 X 13	26↑22	17 T 16	08 8 37	10/317
4	19110	02≯721	25≈10	04V330	24%14	11 <b>T</b> 24	17 II 26	26 <b>T</b> 35	17 <b>°</b> 27	08 <del>8</del> 58	101323
5	191731	02≯713	25≈01	04/314	24%37	11 <b>°</b> 40	17 II 30	26Ƴ47	17Ƴ38	09 8 20	10 <i>V</i> \$11
6	191752	02≯706	24≈52	03 <b>1</b> 359	25%00	11 <b>T</b> 55	17 II 35	27℃00	17Ƴ49	09842	09 <b>1</b> 59
7	20 <b>1</b> 714	02≯700	24≈43	03 <b>V</b> 343	25%23	12 <b>T</b> 10	17 II 40	27介12	18 <b>个</b> 00	10 8 03	09 <b>V</b> \$47
8	20 <b>m</b> 35	01≯753	24≈32	03V328	25%47	12 <b>T</b> 25	17 II 44	27↑24	18介10	10 8 24	09\136
9	201757	01×747	24≈21	031/13	26%10	12 739	17 II 49	27 <b>Y</b> 35	18 120	10 8 45	09/324
10	2111719	01×741	24×09	02V\$58	26%33	12 <sup>53</sup>	17 II 53	27 <b>↑</b> 47 27 <b>↑</b> 58	18 730	11806	09V312
11 12	21MP41 22MP03	01≯36 01≯31	23 <b>≈</b> 56 23 <b>≈</b> 43	02 <b>ぱ44</b> 02 <b>ぱ2</b> 9	26 <b>%</b> 56 27 <b>%</b> 19	13 <sup>°</sup> 07	17 II 58 18 II 02	27°1°58 28°10	18个40 18个49	11 8 27 11 8 47	091300 081349
13	22MP25	01731	23×43	02V329	273642	13 T 2 I	18 X 07	28 <b>T</b> 21	18 7 58	12808	08 <b>v</b> 349
14	22MP47	01720	23 <b>≈</b> 14	02/313	28306	13 T 3 T	18 II 11	28 <b>T</b> 31	19706	12 8 28	08V326
15	2311709	01≯18	22≈58	01V348	28%29	13 <b>T</b> 59	18 II 16	28介42	19 <b>°</b> 15	12 8 48	08 <b>V</b> 315
16	2311732	01≯14	22≈42	01 <b>1</b> 35	28\$52	14介12	18 II 20	28介53	19Ƴ23	13 8 08	08 <b>1</b> 304
17	231754	01≯10	22 <b>≈</b> 25	01/322	29%14	14 <b>T</b> 24	18 II 24	29个02	19 <b>Ƴ</b> 30	13 <del>8</del> 28	07 <b>1</b> 353
18	24MP17	01≯707	22≈07	01 <b>1</b> 309	29%38	14 <b>T</b> 36	18 II 29	29介12	19 <b>T</b> 38	13 8 47	07/342
19	241739	01≯705	21≈49	00V\$57	00&01	14 1 14 7 47	18 II 33	29↑22	19介45	14807	07V331
20	25M702	01×702	21≈30	00V345	00Ω24	14 <b>T</b> 58	18 II 37	29 <b>T</b> 32	19751	14826	07V\$20
21	25M25	01×700	21≈10	00\td34	00&47	15 <b>T</b> 09	18 II 41	29 <b>Y</b> 42	19个58	14 8 45	07V\$10
22 23	25MP48 26MP11	00≯58 00≯57	20 <b>≈</b> 50 20 <b>≈</b> 29	00ぱ23 00ぱ13	01&10 01&33	15个19 15个29	18 II 45 18 II 49	29介51 00 8 00	20个04 20个09	15 8 04 15 8 23	07が00 06が50
24	26M734	00×57 00×756	20 <b>≈</b> 29	001313	01&55	15 T 29	18 II 53	00809	20 T 03	15 8 41	06V340
25	26M757	00≯55	19 <b>≈</b> 46	29 🛪 53	02&20	15 T 48	18 II 58	00 B 18	20 10	16 8 00	06V330
26	27MP21	00≯55	19≈24	29×43	02&43	15介57	19 II 02	00 8 26	20↑24	16 b 18	06V321
27	27MP44	00≯754	19 <b>≈</b> 01	29735	03ᡚ06	16 <b>T</b> 05	19 <b>I</b> I 05	00 8 35	20↑29	16 <del>8</del> 36	06/ช12
28	28 <b>17</b> 08	00≯755	18 <b>≈</b> 37	29≯727	03გ29	16 <b>T</b> 14	19 <b>I</b> I 09	00 8 43	20Ƴ33	16 <del>8</del> 53	06 <b>V</b> 303
29	28 <b>17</b> 31	00≯755	18 <b>≈</b> 13	29≯719	03ഹ52	16 <b>T</b> 21	19 II 13	00 B 50	20℃36	17 8 11	05ฬ54
30	28M755	00≯ <sup>7</sup> 56	17≈49	29 🛪 12	04&15	16 <b>T</b> 29	19 II 17	00 8 58	20↑39	17 8 28	05V346
31	29 <b>1</b> 718	00≯57	17≈25	29≯705 August	_04ഹ38 <b>1986</b> വ	_16Ƴ36 :00:00 Ne	19 II 21 ew York, N	01805 lew York	20°742	17 8 45 Le	05 <b>v</b> 337
Day	Ceres	Juno	Eros S	Sappho			Chiron (			Astarte	Erato
1	291742	00 <b>₹</b> 59	17≈00	29×700	05&00	16 <b>°</b> 43	19 II 25	01812	20个45	18 & 02	05V329
2	00 <b>-</b> 206	01701	16≈35	28 🛪 54	05&23	16 <b>T</b> 49	19 11 28	01819	20 <sup>4</sup> 7	18 8 19	05\\dagger22
3	00-30	01×03	16≈09	28×749	05&46	16 <b>T</b> 55	19 II 32	01826	20148	18 b 35	05V314
4	00 <b>≏</b> 54	01≯705	15≈44	28🛪 44	06&09	17℃00	19 II 36	01832	20介50	18 <del>8</del> 51	05 <b>1</b> 307
5	01 <b>≏</b> 18	01才08	15 <b>≈</b> 18	28≯740	06ഹ32	17 <b>个</b> 05	19 II 39	01 & 38	20介50	19 წ 07	05が00
6	01 <b>-</b> 42	01≯711	14≈52	28≭37	06ഹ55	17介10	19 <b>II</b> 43	01844	20Ƴ51	19 8 23	04 <b>V</b> \$53
7	02 <b>-</b> 06	01714	14≈26	28 🛪 34	07 ົ 18	17 <b>1</b> 14	19 II 46	01850	20介51	19 8 39	04/347
8	02-231	01×718	14≈00	28 🛪 32	07&40	17 <b>↑</b> 18	19 II 49	01855	20750	19854	04/341
9	02-55	01722	13≈34	28 🛪 30	08£03	17 <sup>2</sup> 1	19 II 53	02800	20个50	20 8 09	04V335
<b>10</b> 11	03 <b>△</b> 19 03 <b>△</b> 44	01≯26 01≯31	13 <b>≈</b> 08 12 <b>≈</b> 42	28×729 28×728	08&26 08&49	17 <sup>24</sup>	19 II 56 19 II 59	02 8 05 02 8 09	20 <b>↑</b> 48 20 <b>↑</b> 47	20 8 24 20 8 38	04V330 04V325
12	03 <b>=</b> 44	01×31 01×36	12×42 12×16	28 🛪 28	08&49	17 T 26 17 T 28	20 II 03	02809	20 T 47	20 8 53	04V325 04V320
13	04 <b>=</b> 08	01×30	11≈50	28 🛪 29	09&34	17 T 20	20 II 06	02818	20143	21807	04V320
14	04 <b>-</b> 58	013746	11≈25	28 🛪 30	09&57	17 T 30	20 11 09	02821	20139	21821	04V313
15	05 <b>≏</b> 22	01752	11≈00	28 🛪 31	10 $\Omega$ 19	17 <b>T</b> 31	20 II 12	02 8 25	20 136	21 8 34	041307
16	05 <b>-</b> 47	01≯758	10≈35	28🛪33	10ᡚ42	17 <b>T</b> 32	20 II 15	02 8 28	20Ƴ32	21 8 47	04V304
17	06 <b>≏</b> 12	02≯704	10≈11	28≯736	11Ձ04	17 <b>T</b> 31	20 II 18	02831	20℃28	22 8 00	04V\$00
18	06 <b>-</b> 37	02≯711	09 <b>≈</b> 46	28≯739	11ഹ27	17 <b>T</b> 31	20 🛚 21	02834	20℃23	22 8 13	03 <b>1</b> 357
19	07 <b>≏</b> 02	02≯17	09 <b>≈</b> 23	28 🛪 43	11249	17 <b>T</b> 30	20 11 23	02836	20介18	22 8 25	031355
20	07 <b>≏</b> 27	02×724	08≈59	28 🛪 47	12ᡚ12	17 <b>↑</b> 28	20 11 26	02838	20 ↑ 13	22 8 37	03/353
21	07 <b>-</b> 52	02×732	08 <b>≈</b> 36	28 🛪 52	12Ω34	17 <b>T</b> 26	20 II 29	02840	20 <b>°</b> 07	22 8 49	031351
22	08-2-17	02×739	08 <b>≈</b> 14	28 🛪 57	12Ω57	17 <sup>23</sup>	20 II 32	02841	20100	23 8 01	03V349
23	08 <b>-</b> 42	02才47	07≈52	29 <b>×</b> 702	13Ω19	17 <b>T</b> 20	20 II 34	02842	19 <b>T</b> 53	23 8 12	03 <b>1</b> 348

0.4	00 - 07	00.355	07.004	00.700	10.0.11	47.00.47	00 07	00 V 40	4000.40	00 1/ 00	001040
24	09-207	02×755	07≈31	29×709	13Ω41	17 <b>1</b> 7	20 II 37	02843	19746	23 8 23	031346
25	09 <b>△</b> 32 09 <b>△</b> 57	03×704	07 <b>≈</b> 10	29×116	14Ω03	17 <b>T</b> 13	20 II 39 20 II 42	02 8 44 02 8 44	19 738	23 8 34	03V346
26 27	10 <u>~</u> 23	03≯12 03⊁21	06 <b>≈</b> 50 06 <b>≈</b> 31	29 🛪 23 29 🛪 31	14ଯ26 14ଯ48	17个09 17个04	20 II 42	02844	19 $\Upsilon$ 30	23 8 44 23 8 54	03 <b>V</b> 345
28	10 <del></del> 23	03721	06 <b>≈</b> 31	29×31	15Ω10	16 T 58	20 II 46	02844	19121	24 8 03	03 <b>V</b> 345
29	11 <del>-4</del> 0	03739	05≈54	29×39	15 <sub>Ω</sub> 32	16 T 53	20 II 48	02843	19112	24 8 13	03 <b>V</b> 346
30	11 <u>~</u> 39	03749	05≈36	29 🛪 57	15Ω54	16 T 46	20 1 50	02842	18 <b>T</b> 53	24822	03 <b>1</b> 347
31	12 <b>-</b> 04	03759	05≈19	00V307	16Ω16	16 <b>T</b> 40	20 II 53	02841	18 7 4 2	24830	03/348
•		007100					New York				
Day	Ceres	Juno	Eros S	Sappho	Psyche	Vesta	Chiron (	Ophelia	Amor	Astarte	Erato
1	12 <b>-</b> 30	04≯709	05≈03	00 <b>1</b> 318	16ഹ38	16 <b>T</b> 33	20 II 55	02840	18 <b>T</b> 31	24 8 39	03 <b>1</b> 350
2	12 <b>≏</b> 55	04≯719	04 <b>≈</b> 48	00ฬ28	17െ00	16 <b>T</b> 25	20 II 57	02 & 38	18 <b>T</b> 20	24 & 47	03ฬ52
3	13 <b>≏</b> 21	04≯729	04≈33	00 <b>1</b> 340	17გ22	16 <b>T</b> 17	20 II 58	02 & 36	18 <b>T</b> 09	24 8 54	03 <b>1</b> 354
4	13 <b>-2</b> 46	04≯740	04≈19	00ぱ51	17Ω44	16 <b>T</b> 09	21 X 00	02833	17 <b>T</b> 56	25 8 02	03 <b>1</b> 356
5	14 <b>≏</b> 12	04×751	04≈06	011303	18ູ006	16 <b>~</b> 00	21 🛚 02	02830	17 <b>°</b> 44	25 8 08	031759
6	14-238	05×702	03≈54	011/316	18Ω28	15 ↑ 50	21 11 04	02827	17 <b>T</b> 31	25 8 15	04/302
7	15≏04	05×714	03≈42	011/329	18Ω49	15 <b>T</b> 41	21 II 05	02824	17 <sup>18</sup>	25 8 21	041306
8	15 <b>≏</b> 29 15 <b>≏</b> 55	05≯25 05≯37	03≈31	011/342	19Ω11	15 T 30	21 II 07 21 II 08	02 8 20 02 8 16	17个04 16个50	25 8 27 25 8 32	04V309
10	15 <b>=</b> 55 16 <b>≏</b> 21	05 <i>≯</i> 37	03 <b>≈</b> 21 03 <b>≈</b> 12	01が56 02が10	19ູ $\Omega$ 32 19 $\Omega$ 54	15 T 20 15 T 09	21 II 10	02812	16 T 30	25 8 37	04V\$13 04V\$18
11	16 <del>-2</del> 1	05×49 06×701	03≈04	021310	20Ω15	14 T 58	21 X 10	02807	16 T 30	25 8 42	047318
12	10 <b>—</b> 47 17 <b>△</b> 13	06 <b>≯</b> 13	02≈56	02 <b>1</b> 323	20Ω37	14 T 36	21 X 12	02802	16706	25 8 46	04V32Z
13	17 <b>—</b> 13	06≯726	02#30	02 <b>1</b> 356	20გ58	14 T 34	21 II 13	01857	15T50	25 8 50	04V\$32
14	18 <b>-</b> 205	06739	02≈43	03V312	21&20	14 <b>T</b> 22	21 II 15	01852	15T35	25 8 53	04V338
15	18 <b>△</b> 30	06≯752	02≈38	03V328	21&41	14↑09	21 II 16	01846	15 <b>T</b> 19	25 X 56	04V344
16	18 <b>-</b> 56	07≯705	02≈33	03 <b>1</b> 345	22ᡚ02	13 <b>T</b> 57	21 II 17	01840	15 <b>T</b> 02	25 <del>8</del> 59	04٧350
17	19 <b>-</b> 22	07才18	02 <b>≈</b> 29	04V302	22&23	13 <b>T</b> 43	21 II 18	01833	14 <b>T</b> 46	26 <del>8</del> 01	04ฬ56
18	19 <b>-</b> 249	07≯32	02≈26	041ช19	22ᡚ44	13 <b>T</b> 30	21 II 18	01827	14 <b>T</b> 29	26 8 03	05 <b>1</b> 3
19	20 <b>-</b> 215	07≯745	02 <b>≈</b> 24	04 <b>V</b> 337	23굁05	13 <b>T</b> 16	21 🛚 19	01820	14 <b>T</b> 12	26 8 04	05/310
20	20 <b>-</b> 241	07≯759	02 <b>≈</b> 22	04ฬ55	23ഹ26	13℃02	21 II 20	01 8 13	13 <b>T</b> 54	26 <del>8</del> 05	05ฬ 17
21	21-207	08≯13	02#21	051314	23&47	12 <b>T</b> 48	21 II 20	01805	13 <b>T</b> 37	26 8 06	05V324
22	21-233	08×727	02≈21	05 <b>1</b> 32	24Ω08	12 ↑ 34	21 🛚 21	00 8 57	13介19	26 8 06	05 <b>1</b> 32
23	21 <b>-</b> 59	08×742	02≈22	05 <b>1</b> 352	24&29	12 <b>1</b> 19	21 11 21	00 8 49	13个01	26 8 06	05/340
24	22 <b>-</b> 25	08×756	02≈23	06V311	24&49	12 <b>1</b> 04	21 11 22	00841	12个43	26 8 05	05/348
25	22 <b>-</b> 51	09×711	02≈25	06V31	25Ω10	11149	21 II 22	00 8 33	12725	26 8 04	05V\$57
26 27	23 <b>-</b> 218	09≯726 09≯741	02 <b>≈</b> 27 02 <b>≈</b> 31	06ぱ51 07ぱ12	25 <i>Q</i> 30 25 <i>Q</i> 51	11 T 34 11 T 19	21 II 22 21 II 23	00 8 24 00 8 15	12个06 11个48	26 8 02 26 8 00	061306 061315
28	24 <b>-</b> 10	09×41	02≈35	07V312	26Ω11	11119	21 II 23	00806	11129	25 8 58	06V313
29	24 <b>-</b> 36	10 🛪 11	02≈39	07 <i>V</i> 352	26Ω31	10 <sup>48</sup>	21 11 23	29 7 56	11110	25 8 55	06V333
30	25 <b>-</b> 203	10727	02≈44	08 <b>V</b> 315	26 252	10 <b>T</b> 33	21 11 23	29介46	10 <b>°</b> 51	25 X 52	06V343
							ew York, N				
Day	Ceres	Juno	Eros S	Sappho	Psyche	Vesta	Chiron (			Astarte	Erato
1	25 <b>-</b> 29	10⊀742	02≈50	08 <b>1</b> 37	27 ე 12	10 <b>T</b> 17	21 <b>I</b> 23	29↑36	10 <b>T</b> 33	25 g 48	06 <b>1</b> 53
2	25 <b>≏</b> 55	10≯58	02≈57	08 <b>1</b> 759	27Ω32	10 ℃ 02	21 11 22	29↑26	10 14	25 8 44	07V304
3	26 <b>-</b> 22	11 🗷 14	03≈04	09V321	27&52	09 <b>T</b> 46	21 11 22	29介16	09T55	25 8 39	07V314
4	26 <b>-</b> 48	117/30	03≈12	091344	28Ω12	09T31	21 II 22	29个05	09T36	25 8 34	07V325
5	27 <b>△</b> 14	11×746	03≈20	101307	28232	09T15	21 II 21	28 755	09 <b>T</b> 17	25 8 28	07V\$36
6	27 <b>-</b> 41	12⊀03 12⊀19	03≈29	10130	28£51	09T00	21 II 21 21 II 20	28 T 44 28 T 33	08个58 08个40	25 8 22	07V\$47
7 8	28 <b>-</b> 207 28 <b>-</b> 34	12×19 12×36	03 <b>≈</b> 39 03 <b>≈</b> 49	101354 111317	29പ്പ 10 29പ്പ 30	08T45 08T29	21 II 20 21 II 20	28 T 23	081°40 08°21	25 8 16 25 8 09	07ฬ58 08ฬ10
9	29 <b>-</b> 200	12753	03≈49	11/31/	29 <sub>0</sub> 230 29 <sub>0</sub> 249	08 T 29	21 X 19	28 T 22	08121	25 8 02	08V310
10	29 <b>-</b> 26	13 🛪 10	03 <b>≈</b> 39 04 <b>≈</b> 11	12/306	00M09	08T00	21 X 19	28 7 00	07 <b>T</b> 44	24 8 54	08 <b>v</b> 334
11	29 <b>-</b> 252	137727	04≈23	12/300	00M28	07 <b>T</b> 45	21 II 17	27 <b>~</b> 48	07T26	24 8 46	08 <b>v</b> \$47
12	00M·19	13744	04≈35	12V\$55	00MP48	07 ↑ 30	21 II 16	27 ↑ 36	07T08	24 8 38	081359
13	00M-46	14≯701	04≈48	131320	0111107	07 <b>T</b> 16	21 II 15	27↑25	06 <b>T</b> 50	24 8 29	09/312
14	01ጤ12	14≯719	05≈01	13 <b>1</b> 346	011125	07℃02	21 II 14	27介13	06Ƴ32	24 8 20	09ฬ25
15	01ሙ39	14≯736	05 <b>≈</b> 15	14 <i>V</i> 311	0111744	06 <b>T</b> 48	21 II 13	27介01	06 <b>T</b> 15	24 8 10	09138
16	02ሙ05	14≯754	05 <b>≈</b> 29	14 <b>1</b> 37	0211703	06 <b>T</b> 34	21 II 12	26↑49	05℃58	24 8 00	09ฬ51
17	02№31	15 <b>水</b> 12	05 <b>≈</b> 44	15 <b>1</b> 303	021122	06℃21	21 II 10	26℃37	05℃41	23 8 50	101305
18	02№58	15 🛪 29	05≈59	15 <b>1</b> 329	0211740	06T08	21 🛚 09	26↑25	05℃24	23 8 39	101319
19	03M <sub>24</sub>	15×747	06≈15	15 <b>1</b> 356	021759	05T55	21 🛮 08	26 ↑ 13	05℃08	23 8 28	10/333
20	03M-51	16×706	06≈31	161323	03117	05 <b>↑</b> 42	21 🛮 06	26个01	04介52	23 8 17	101347
21	04M-17	16×724	06≈48	16 <b>1</b> 350	0311735	05 ↑ 30	21 🗓 05	25 ↑ 49	04↑36	23 8 05	11/301
22	04№44	16 <b>≯</b> 742	07≈05	17 <i>V</i> \$17	03 <b>M</b> 253	05 <b>T</b> 18	21 <b>I</b> I03	25 ↑ 37	04 <b>T</b> 21	22 8 53	111/16

22	0EM 10	17-701	07~22	17\~14	041171	05007	24 π 04	25↑25	04005	22 V 44	111420
23 24	05 <b>ቤ</b> 10 05 <b>ቤ</b> 37	17≯701 17⊁719	07 <b>≈</b> 23 07 <b>≈</b> 41	171344 181312	0411711	05°07 04°756	21 II 01 20 II 59	25 T 25 25 T 13	04个05 03个51	22 8 41 22 8 28	111330 111345
25	06M03	17×19	07 <b>≈</b> 41	18/339	0411729	04 T 56	20 II 58	25 T 13	03 T 3 T	22 8 15	12V\$00
* <b>26</b>	06M31	17×30	07 <i>∞</i> 39 08 <i>≈</i> 19	19/309	05MP05	04 T 45	20 1 56	24 <b>~</b> 49	03 T 30	22801	12V316
27	06M⋅57	18 🛪 16	08≈38	19/337	0511703	04T24	20 II 54	24 T 37	03721	21 8 48	12/310
28	07M23	18 🛪 35	08 <b>≈</b> 58	20V305	05M740	04 T 24	20 11 52	24 T 26	02T54	21834	12/332
29	07M50	18 🛪 54	09≈18	20 <b>1</b> 334	05MP57	04T06	20 1 50	24 T 14	02104	21821	131303
30	08M-16	197114	09≈38	211303	06MP14	03T57	20 II 47	24 <b>T</b> 03	02T29	21806	131319
31	08M-43	19🛪 33	09≈59	21/32	06MP31	03 7 49	20 11 45	23介51	02 T 23	20 8 52	131335
				l	- 4000 0		T ends	NIVI			
Day	Caraa	luna					New York,				Frete
Day 1	Ceres 09M09	Juno 19≯752	Eros 5 10≈21	<b>Sappho</b> 22 <b>V</b> \$01	06MP47	Vesta 03 <sup>↑</sup> 41	Chiron (	23 <b>~</b> 40	<b>Amor</b> 02↑05	Astarte 20 & 38	13/351
2	09M36	20 🛪 12	10≈21	22V\$30	07mp04	03 1 41	20 11 40	23 T 40	01154	20 8 23	14/308
3	10M <sub>0</sub> 2	207731	11≈04	23/300	07M704	03 7 35	20 11 38	23 T 29	01134	20 8 08	147300
4	10M28	20751	11≈26	23 <b>1</b> 329	07M237	03 T 20	20 11 36	23 <sup>1</sup> 07	01133	19854	14/341
5	10M55	217/11	11≈49	23 <b>1</b> 759	07M753	03 T 13	20 II 33	22 <b>T</b> 56	01123	19 8 39	14/358
6	11M <sub>2</sub> 1	21731	12≈12	24V329	0811100	03708	20 II 30	22 <b>T</b> 46	01T13	19824	15 <b>1</b> 355
7	1111047	217/51	12 <b>≈</b> 36	241359	08M25	03 7 03	20 11 28	22 T 35	01104	19809	15/313
8	12M-14	22711	12≈59	25 <b>1</b> 30	08MP40	02T58	20 II 25	22 <b>T</b> 25	00T55	18 <del>8 53</del>	151350
9	121140	22731	13≈23	26Vf00	08M756	02T54	20 11 22	22 <b>T</b> 15	00 <b>T</b> 47	18 8 38	16 <b>1</b> 307
10	13№06	22≯751	13≈48	26 <b>1</b> 31	09111	02 <b>T</b> 50	20 11 20	22介06	00 <b>T</b> 39	18 8 23	161325
11	13 <b>I</b> 33	23🖈11	14≈12	27 <b>1</b> 302	09 <b>m</b> 27	02 <b>T</b> 46	20 X 17	21个56	00T32	18 8 08	16 <b>V</b> 343
12	13 <b>‰</b> 59	23🛪31	14≈38	27 <b>1</b> 33	0911742	02 <b>T</b> 43	20 II 14	21介47	00 <b>T</b> 25	17 <del>8 53</del>	17 <b>/</b> 301
13	14M <sub>-</sub> 25	23🛪 52	15 <b>≈</b> 03	28 <b>1</b> 304	09 <b>m</b> 756	02 <b>T</b> 41	20 X 11	21个38	00 <b>T</b> 19	17 <del>8</del> 38	17 <b>v</b> t 19
14	14ጤ51	24🖈12	15 <b>≈</b> 28	28 <b>1</b> 35	100711	02 <b>T</b> 39	20 X 08	21个30	00 <b>T</b> 13	17 B 23	17137
15	15 <b>M</b> ·18	24≯733	15≈54	29 <b>1</b> 306	101726	02 <b>T</b> 38	20 II 05	21个21	00 <b>T</b> 07	17 B 08	17ฬ55
16	15№44	24≯753	16≈21	29 <b>1</b> 38	10MP40	02 <b>T</b> 36	20 II 02	21个13	00 <b>T</b> 02	16 <del>8 53</del>	18 <b>1</b> 314
17	16ጤ10	25≯714	16 <b>≈</b> 47	00≈10	101754	02 <b>T</b> 36	19 🛚 59	21个05	29 <b></b>	16 8 39	18 <b>1</b> 32
18	16 <b>I</b> 636	25≯735	17≈14	00 <b>≈</b> 42	11111708	02 <b>T</b> 36	19 🛚 56	20介57	29ℋ53	16 <del>8</del> 24	18 <b>1</b> 51
19	17ሙ02	25≯756	17≈41	01≈14	1111122	02 <b>T</b> 36	19 <b>I</b> 53	20介50	29€49	16 <del>8</del> 10	191310
20	17ጤ28	26≯717	18 <b>≈</b> 08	01 <b>≈</b> 46	1111735	02 <b>T</b> 37	19 <b>II</b> 49	20介43	29ℋ46	15 <del>8</del> 56	19 <b>1</b> 329
21	17ጤ54	26≯738	18 <b>≈</b> 36	02 <b>≈</b> 18	1111749	02 <b>T</b> 38	19 <b>II</b> 46	20↑36	29€43	15 8 42	19 <b>1</b> 348
22	18M <sub>2</sub> 1	26759	19≈04	02≈51	121702	02 <b>T</b> 39	19 II 43	20↑29	29€41	15 8 28	201307
23	18/147	27 7 20	19≈32	03≈23	121715	02741	19 II 39	20↑23	29€39	15814	20V\$26
24	19113	27 🛪 41	20≈01	03≈56	121728	02 44	19 II 36	20 ↑ 17	29€37	15801	201346
25	19M39	28 🛪 02	20 <b>≈</b> 29	04 <b>≈</b> 29	121740	02 <b>°</b> 47	19 II 33	20 <b>1</b> 2	29¥36	14 8 48	211305
26	20M05 20M30	28 🗷 24	20 <b>≈</b> 58	05 <b>≈</b> 02	121753	02个50 02个54	19 II 29	20°T06	29¥35	14835	211325
27 28	2011630 2011636	28≯745 29≯706	21 <b>≈</b> 28 21 <b>≈</b> 57	05 <b>≈</b> 35 06 <b>≈</b> 08	13MP05 13MP17	02 T 5 <del>4</del>	19 II 26 19 II 22	19 <b>°</b> 57	29 <b>€</b> 35	14 8 22 14 8 10	211345 221305
29	21M22	29×00	21 <del>~</del> 37 22 <b>≈</b> 27	06 <b>≈</b> 41	1311/17	03 7 02	19 II 19	19 T 57 19 T 52	29 <del>X</del> 35	13 8 58	22V325
30	21M48	29×21	22≈57	07≈14	131720	03 T 02	19 II 15	19 7 48	29 <del>X</del> 37	13 8 47	22V345
00	21110-10	207140					New York,				221340
Day	Ceres	Juno	Eros S	Sappho	Psyche	Vesta	Chiron (	Ophelia	Amor	Astarte	Erato
1	22№14	00V311	23≈27	07 <b>≈</b> 48	131751	03 <b>°</b> 13	19 II 12	19Ƴ45	29ℋ38	13 8 35	231105
2	22№40	00 <b>1</b> 33	23 <b>≈</b> 58	08 <b>≈</b> 22	1411702	03 <b>T</b> 19	19 <b>I</b> I 08	19Ƴ41	29ℋ40	13 8 24	231125
3	23№05	001354	24≈29	08 <b>≈</b> 55	14MP13	03℃25	19 <b>I</b> 05	19Ƴ38	29ℋ42	13 8 14	23 <b>1</b> 346
4	23№31	01ฬ16	25≈00	09 <b>≈</b> 29	141724	03 <b>T</b> 31	19 <b>I</b> I01	19Ƴ35	29ℋ44	13 8 03	24 <b>1</b> 306
5	23№57	01 <b>\</b> \$38	25≈31	10≈03	141734	03℃38	18 II 58	19Ƴ33	29∺47	12854	24V\$27
6	24M22	02V\$00	26≈02	10≈37	141744	03介46	18 X 54	19介31	29€51	12844	24/348
7	241148	02/322	26≈34	11≈11	141754	03 ℃ 53	18 X 50	19↑29	29€54	12 8 35	25/109
8	25M13	02/344	27 <b>≈</b> 06	11≈45	151703	04101	18 II 47	19↑28	29¥58	12 8 26	25/30
9	25M39	03/306	27 <b>≈</b> 38	12≈20	15MP13	04110	18 II 43	19 <sup>27</sup>	00T03	12818	251351
10	26M04	03V328	28≈11	12≈54	151722	04T18	18 II 39	19 <b>~</b> 26	80°C00	12810	26Vf12
11	26M30	031350	28≈43	13 <b>≈</b> 28	15M730	04 <b>↑</b> 28	18 II 36	19 <b>T</b> 26	00 <sup>1</sup> 13	12802	26V333
12	26M55	04V312	29 <b>≈</b> 16	14 <b>≈</b> 03	15M739	04 <b>T</b> 37	18 II 32	19 <sup>25</sup>	00 <b>1</b> 9	11855	26V\$54
13	27M20	04V334	29≈49	14 <b>≈</b> 38	15MP47	04 <b>T</b> 47	18 II 28	19 <sup>2</sup> 6	00T25	11848	27V315
14	27M46	04V\$56	00¥22	15 <b>≈</b> 12	15M755	04T57	18 II 25	19 <sup>2</sup> 6	00T31	11842	27V337
15 16	28M11	051319	00¥56	15 <b>≈</b> 47	16M703	05 <b>T</b> 07	18 II 21	19 <sup>27</sup>	00 <u>137</u>	11836	27V\$58
	28M36	05 <b>1</b> 341	01¥29	16 <b>≈</b> 22	16M710	05 <b>T</b> 18	18 II 18	19 <sup>28</sup>	00Ƴ44 00Ƴ51	11831	281f20
17 18	29M01 29M26	0613 0613 0613	02¥03 02¥37	16 <b>≈</b> 57 17 <b>≈</b> 32	16MP17 16MP24	05 <b>↑</b> 29 05 <b>↑</b> 41	18 II 14 18 II 10	19Ƴ30 19Ƴ32	00°1°5°1	11 8 26 11 8 21	281342 291303
19	29/lb/26 29/lb/51	06V328	02 <del>X</del> 37	17≈32 18≈07	1611724	05 T 4 T	18 X 07	19 T 32	00 T 59	11821	291303
19	291169 I	001140	03X 12	1020/	1011/31	00 1 02	10 Т U/	19 1 34	01107	1101/	<b>7917</b> 2

21 00¾41 07⅓33 04¥21 19≈18 16㎡43 06㎡17 18Ĭ00 19҈39 01㎡23 11810 00≈ 22 01¾06 07⅓55 04¥56 19≈53 16㎡48 06㎡29 17Ĭ56 19㎡42 01㎡32 11807 00≈ 23 01¾31 08⅓18 05¥31 20≈29 16㎡54 06㎡42 17Ĭ53 19㎡46 01㎡41 11804 00≈ 24 01¾56 08⅙41 06¥06 21≈04 16㎡59 06㎡55 17Ĭ49 19㎡49 01㎡50 11802 01≈ 25 02¾20 09⅙03 06¥42 21≈40 17㎡03 07㎡09 17Ĭ46 19㎡53 02㎡00 11801 01≈ 26 02¾45 09⅙26 07¥18 22≈16 17㎡08 07㎡23 17Ĭ42 19㎡58 02㎡10 11800 02≈ 27 03¾09 09⅙49 07¥53 22≈51 17㎡12 07㎡37 17Ĭ39 20㎡02 02㎡20 10859 02≈ 28 03¾34 10⅓11 08¥30 23≈27 17㎡16 07㎡51 17Ĭ35 20㎡07 02㎡31 10858 02≈ 29 03¾58 10⅓34 09¥06 24≈03 17㎡19 08㎡05 17Ĭ32 20㎡13 02㎡41 10858 03≈ 30 04¾23 10⅙57 09¥42 24≈39 17㎡22 08㎡20 17Ĭ29 20㎡18 02㎡52 10859 03≈ 31 04¾47 11⅙20 10¥19 25≈15 17㎡25 08㎡35 17Ĭ25 20㎡24 03㎡04 11800 03≈
23 01x31 08v18 05x31 20x29 16m54 06r42 17 153 19r46 01r41 11804 00x 24 01x56 08v41 06x06 21x04 16m59 06r55 17 149 19r49 01r50 11802 01x 25 02x20 09v30 06x42 21x40 17m03 07r09 17 146 19r53 02r00 11801 01x 26 02x45 09v26 07x18 22x16 17m08 07r23 17 142 19r58 02r10 11800 02x 27 03x09 09v49 07x53 22x51 17m12 07r37 17 139 20r02 02r20 10859 02x 28 03x34 10v11 08x30 23x27 17m16 07r51 17 135 20r07 02r31 10858 02x 29 03x58 10v34 09x06 24x03 17m19 08r05 17 132 20r13 02r41 10858 03x 30 04x23 10v57 09x42 24x39 17m22 08r20 17 129 20r18 02r52 10859 03x
25 02\$\frac{1}{2}\$0 09\$\frac{1}{3}\$0 06\$\frac{1}{4}\$2 21\$\alpha 40 17\$\mathbb{m}03 07\$\mathbb{m}09 17\$\mathbb{m}46 19\$\mathbb{m}53 02\$\mathbb{m}00 11801 01\$\alpha 26 02\$\rightarrow 45 09\$\rightarrow 26 07\$\rightarrow 18 22\$\alpha 16 17\$\mathbb{m}08 07\$\mathbb{m}23 17\$\mathbb{m}42 19\$\mathbb{m}58 02\$\mathbb{m}18 02\$\mathbb{m}18 09\$\mathbb{m}18 09\$\m
26 02¾45 09¼26 07¥18 22≈16 17₩08 07Ф23 17\\daggred{\begin{array}{cccccccccccccccccccccccccccccccccccc
27     03水09     09以49     07米53     22※51     17〒12     07个37     17 〒39     20个02     02个20     10 859     02※       28     03水34     10以11     08米30     23※27     17〒16     07个51     17 〒35     20个07     02个31     10 858     02※       29     03水58     10以34     09米06     24※03     17〒19     08个05     17 〒32     20个13     02个41     10 858     03※       30     04水23     10以57     09米42     24※39     17〒22     08个20     17 〒29     20个18     02个52     10 859     03※
28     03♂34     10切11     08∺30     23∞27     17№16     07ጥ51     17 №35     20ጥ07     02ጥ31     10 858     02≈       29     03♂58     10切34     09∺06     24∞03     17№19     08ጥ05     17 №32     20ጥ13     02ጥ41     10 858     03≈       30     04♂23     10切57     09∺42     24∞39     17№22     08ጥ20     17 №29     20ጥ18     02ጥ52     10 859     03≈
29 03\$\times\$58 10\$\times\$34 09\$\times\$66 24\$\times\$03 17\$\times\$19 08\$\times\$05 17\$\times\$132 20\$\times\$13 02\$\times\$41 10\$\times\$58 03\$\times\$30 04\$\times\$23 10\$\times\$57 09\$\times\$42 24\$\times\$39 17\$\times\$20 08\$\times\$20 17\$\times\$29 20\$\times\$18 02\$\times\$5 10\$\times\$59 03\$\times\$
30 04×23 10V57 09×42 24×39 17M22 08 20 17 129 20 18 02 52 10 8 59 03×
31 04¾47 11₩20 10升19 25≈15 17₩25 08₩35 17 ¥25 20₩24 03₩04 11800 03×

### 11 ¥33 26 \$27 12¥10 12\<del>X</del>48

**Eros** 

10 X 56

13¥25

14¥03

14 **€** 41

15 X 19

15¥58

16 € 36

17 × 15

17¥54

18¥33

19 X 12

19¥52

20 € 31

21X11

21¥51

22\£31

23¥11

23¥52

24\£32

25X13

25X54

26\£35

27 X 16

27¥58

28¥40

29X21

00T03

00T46

**Eros** 

01T28

02T10

02T53

03T36

04T19

05T02

05 145

06T29

07**1**2

07T56

08T40

09 124

10T08

10T53

11T37

12T22

13T07

13T52

14<sub>T37</sub>

15T22

16T08

16T53

17T39

18<sub>T25</sub>

19T11

19T57

Ceres

05 🗷 11

05 🗷 35

06700

06 🗷 24

06×748

07×711

07×35

07<sup>3</sup>759

08 🗷 23

08×746

09 🗷 10

09 🛪 33

09×756

10 🗷 20

10 × 43

11 7 06

11 7 29

11 7 52

12 3 14

12 37

13 7 00

13 × 22

13 🛪 44

14×707

14 🗷 29

14 🗷 51

15 🗷 13

15 🛪 35

15 3 57

16 7 18

16740

Ceres

17×701

17 7 22

17×744

18 🗷 05

18 🗷 26

18 🗷 46

19×707

19 7 27

19 🗷 48

20 7 08

20 7 28

20 🗷 48

21 7 08

21728

21 3 47

22 7 07

22 7 26

22 🗷 45

23 🗷 04

23 7 23

23 🗷 41

24 🗷 00

24 🗷 18

24 🗷 36

24 🛪 54

25 🗷 12

Day

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

27

28

29

30

31

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

Day

Juno

111342

121305

121328

121351

131314

131337

141300

141323

14V346

151309

151332

151355

16V\$18

161341

17V304

17V327

17V350

181313

18**1**36

181359

191322

191345

20Vt08

20131

20V\$54

211317

211340

221304

221327

22V\$50

231313

Juno

231336

231359

241322

241345

251308

25131

251354

26V317

26V340

27V303

27V326

27V349

281312

28135

28V\$58

291320

291343

00≈06

00 29

00 \$ 52

01 ≈ 14

01\sim 37

02\00

02\23

02

45

03 ≈ 08

27 203 27 239 28 216

28 2 52

29 28

00X05

00 € 41

 $01 \times 18$ 

01 € 54

02¥31

 $03 \pm 07$ 

03 € 44

04X21

 $04 \pm 57$ 

05 € 34

06X11

06¥48

07¥25

08 € 02

08¥38

09X15

09 € 52

10 € 29

11 € 07

11 € 44

12<del>X</del>21

12**X**58

13¥35

14 € 12

Sappho

14**X**49

15**X**27

16 € 04

16 **€**41

17 **€** 18

17€56

18**X**33

19 € 10

19**X**47

20¥25

21¥02

21**X**39

22X17

22<del>X</del>54

23\£31

24¥09

24X46

25¥23

26X01

26X38

27 × 15

27 X 53

28\£30

29X07

29X44

00T22

Sappho

25 \$ 51

17MP31 17MP33 17MP34

17MP35

17MP35

17MP35

17**17**35

17MP34

17MP33

17MP32

17MP30

17MP28

17MP26

17MP23

17MP20

17MP17

17MP13

17MP09

17MP04

17MP00

16MP54

16MP49

16MP43

16MP37

16MP30

16MP24

16MP17

16MP09

16MP01

**Psyche** 

15MP53

15MP45

15MP36

15MP27

15MP18

15MP09

14MP59

14MP49

14MP39

14MP28

14MP18

14MP07

13MP56

13MP44

131733

131721

131709

12MP57

12MP45

12MP33

121721

121708

1117756

1117743

1117930

1117718

**Psvche** 

17MP27

17MP30

09T06 09T22 09T38 09T54 10T10

10<sub>T27</sub>

10<sup>44</sup>

11T01

11T18

11T36

11T53

12T11

12<sub>T29</sub>

12<sub>T</sub>48

13T06

13<sub>T25</sub>

13T44

14T03

14T22

14T41

15T00

15T20

15<sub>T</sub>40

16T00

16T20

16T40

17T01

17<sub>T21</sub>

17T42

18T03

Vesta

18<sub>T24</sub>

18T45

19T06

19<sub>T27</sub>

19<sub>49</sub>

20T10

20T32

20T54

21T16

21T38

22T00

22T22

22T45

23T07

23T30

23T53

24T15

24T38

25T01

25T24

25T47

26T11

26T34

26T57

27T21

27T44

Vesta

08T50

Asteroids Ephemeris January 1987, 00:00:00, New York, New York, Longitude

Chiron Ophelia

20 T 30

20T36

20T43

20T50

20T57

21T05

21T12

21 720

21T29

21T37

21T46

21T55

22T04

22**T**14

22<sub>T23</sub>

22T33

22**T**44

22T54

23T05

23<sub>T</sub>16

23<sub>T27</sub>

23 T 38

23T50

24T02

24T13

24T26

24T38

24T51

25T03

25T16

25T30

25T43

25T57

26T10

26T24

26T38

26T53

27T07

27<sub>T22</sub>

27 T 36

27T51

28T06

28T22

28T37

28T52

29T08

29T23

29T39

29T56

00 g 12

00 g 29

00 8 45

01802

01819

01836

01853

02 g 10

17 II 22

17 II 19

17 II 16

17 II 12

17 II 09

17 II 06

17 X 03

17 X 00

16 II 57

16 II 54

16 II 51

16 II 49

16 X 46

16 II 43

16 X 40

16 X 38

16 II 35

16 II 33

16 X 30

16 II 28

16 II 26

16 II 23

16 II 21

16 II 19

16 II 17

16 II 15

16 II 13

16 II 11

16 II 10

16 II 08

16 X 06

16 II 05

16 X 03

16 X 02

16 II 00

15 X 59

15 II 58

15 II 57

15 II 56

15 X 55

15 II 54

15 II 53

15 II 52

15 II 52

15 II 51

15 II 50

15 II 50

15 II 50

15 II 49

15 X 50

Chiron Ophelia

February 1987, 00:00:00, New York, New York, Longitude

11825

11830

11835

11841

11847

11853

11859

12806

12814

12821

12829

12837

12846

12 g 55

13804

13 8 13

13 8 23

13833

13844

13854

14805

14 <sup>8</sup> 16

14 8 28

**Astarte** 

14839

14851

15804

15 8 16

15829

15842

15 & 55

16809

16 g 22

16 g 36

16 **8** 51

17 **8** 05

17 g 20

17 <sub>834</sub>

17 **8** 49

18 8 05

18 **8** 20

18 **8** 36

18851

19807

19823

19840

19 & 56

20 8 13

20 g 30

20 S 47

Astarte

11801

Erato

04 \$ 16

04 239

05 201

05 \$\iii 24

05 \$ 47

06≈10

06\33

06 \$ 57

07 \$\infty 20

07 \$\pi 43

08 206

08#30

08 \$ 53

09 \$ 17

09 \$\pi 40

10\pi04

10 27

10

51

11 14

11 38

12\\$02

12**≈**26

12 \$\pi 49

13 13

13 37

14\@01

14 \$\pi 25

14 249

15≈13

15≈37

16≈01

Erato

16≈25

17 ≈ 14

17**≈**38

18 202

18**≈**26

18 250

19

15

19\\$39

20 203

20 28

20 \$ 52

21 ≈ 16

21 241

22 05

22\30

22\$54

23 \$ 19

23 = 43

24\pi07

24 \$32

24 \$ 56

25 \$\pi 21

25 \$\pi 45

26≈10

26≈35

**Amor** 

03T15

03T27

03T39

03T51

04T04

04T16

04T29

04T43

04 ℃ 56

05T10

05T24

05T38

05T52

06T07

06T21

06T36

06T51

07T07

07T22

07T38

07T54

08T10

08T26

08T42

08T59

09T16

09T33

09T50

10T07

10<sub>T24</sub>

10T42

Amor

11T00

11T17

11T35

11T54

12T12

12T30

12T49

13<sub>T</sub>08

13<sub>T26</sub>

13<sub>45</sub>

14T04

14<sub>T24</sub>

14T43

15T02

15T22

15T42

16T02

16<sub>T21</sub>

16**T**41

17<sub>T</sub>02

17T22

17T42

18T03

18<sub>T23</sub>

18**T**44

19T05

27	25≯729	03 <b>≈</b> 30	20Ƴ44	00T59	1111105	28个08	15 X 50	02 8 27	19 <b>°</b> 26	21804	26≈59
28	25≯47	03≈53	21个30	01介37	101752	28介32	15 <b>1</b> 51	02 8 45	19Ƴ47	21821	27≈24
							w York, N		ongitud		
Day	Ceres	Juno	Eros S	Sappho	Psyche	Vesta	Chiron	Ophelia	Amor	Astarte	Erato
1	26≯704	04≈15	22 <b>°</b> 17	02 <b>T</b> 14	1011739	28介55	15 <b>1</b> 51	03 8 02	20个08	21839	27≈48
2	26≯721	04≈38	23℃04	02 <b>°</b> 51	101726	29 <b>T</b> 19	15 X 52	03 8 20	20 <b>T</b> 29	21857	28≈13
3	26≯738	05≈00	23 <b>T</b> 51	03℃29	1011713	29介43	15 X 52	03 8 38	20 <b>T</b> 50	22 8 14	28≈37
4	26≯755	05≈23	24 <b>T</b> 38	04 <b>T</b> 06	1011701	00 8 07	15 <b>I</b> 53	03 8 55	21个12	22 8 32	29≈01
5	27 <i>≯</i> 11	05≈45	25℃25	04Ƴ43	0911748	00 X 31	15 🛚 54	04 8 13	21个33	22 8 50	29 <b>≈</b> 26
6	27 <i>≯</i> 727	06≈07	26 <b>T</b> 13	05 <b>T</b> 20	0911735	00 წ 56	15 <b>I</b> 55	04831	21个54	23 8 09	29≈50
7	27 <i>≯</i> 743	06≈30	27 <b>°</b> 00	05 <b>T</b> 58	091123	01820	15 <b>I</b> I 56	04 8 50	22 <b>T</b> 16	23 8 27	00 € 15
8	27 <i>₹</i> 759	06≈52	27介48	06T35	09110	01844	15 II 57	05 8 08	22 <b>T</b> 38	23 8 46	00 € 40
9	28 🗷 15	07≈14	28 <b>T</b> 36	07介12	08 <b>m</b> 257	02808	15 <b>I</b> I 58	05 <del>8</del> 26	23个00	24 8 04	01 € 04
10	28≯730	07≈36	29 <b>T</b> 23	07介49	08 <b>M</b> 245	02 <del>8</del> 33	16 X 00	05 8 45	23个21	24 8 23	01 € 29
11	28≯746	07≈58	00 წ 12	08℃27	0811733	02 <del>8</del> 57	16 X 01	06 <del>8</del> 03	23个43	24 8 42	01 €53
12	29₹00	08 <b>≈</b> 20	01800	09 <b>T</b> 04	0811/21	03 8 22	16 X 02	06 <del>8</del> 22	24 <b>T</b> 05	25801	02升18
13	29 🗷 15	08≈42	01 8 49	09Ƴ41	0811709	03 <del>8</del> 46	16 X 04	06 8 4 1	24 <b>T</b> 28	25 8 20	02 € 42
14	29≯730	09≈04	02 <del>8</del> 37	10介18	07 <b>m</b> 257	04811	16 X 05	07800	24 <b>T</b> 50	25 X 39	03¥07
15	29744	09≈26	03 8 26	10介55	07MP45	04 8 36	16 X 07	07 8 19	25介12	25 8 59	03 € 31
16	29≯758	09≈48	04 <del>8</del> 15	11 <b>°</b> 32	07 <b>117</b> 34	05800	16 X 09	07 <del>8</del> 38	25℃34	26 <del>8</del> 18	03 € 56
17	00/312	10≈10	05 8 04	12介09	07 <b>11</b> 722	05 8 25	16 X 10	07 <del>8</del> 57	25介57	26 <del>8</del> 38	04€20
18	00V326	10≈31	05 <del>8</del> 53	12介46	07 <b>m</b> 211	05 <del>8</del> 50	16 X 12	08 <del>8</del> 16	26 <b>T</b> 19	26 <del>8</del> 58	04 € 45
19	00 <b>V</b> \$40	10≈53	06 8 42	13↑23	07 <b>11</b> 700	06 <del>8</del> 15	16 X 14	08 <del>8</del> 35	26 <b>T</b> 42	27 <del>8</del> 18	05₩09
20	00 <b>\</b> 3	11≈15	07 8 32	14Ƴ00	06 <b>m</b> /50	06 <del>8</del> 40	16 X 16	08 <del>8</del> 55	27 <b>°</b> 04	27 <del>8</del> 37	05₩34
21	01/306	11≈36	08 <del>8</del> 21	14Ƴ37	06 <b>m</b> 39	07 <del>8</del> 05	16 X 18	09 ช 14	27 <b>T</b> 27	27 <del>8</del> 58	05∺58
22	011318	11≈58	09 წ 11	15介14	06 <b>m</b> 29	07 8 30	16 X 20	09834	27 <b>T</b> 50	28 8 18	06 € 23
23	011331	12≈19	10800	15介51	06 <b>m</b> 219	07 <del>8</del> 55	16 X 22	09 <del>8</del> 53	28介13	28 8 38	06 € 47
24	011343	12≈41	10 8 50	16℃28	0611709	08 8 20	16 X 25	10 8 13	28 <b>T</b> 36	28 <del>8</del> 58	07 € 11
25	01ฬ55	13≈02	11840	17介05	0611700	08 <del>8</del> 45	16 X 27	10 8 33	28 <b>T</b> 59	29 8 18	07 € 36
26	02V307	13≈23	12831	17介42	05MP50	09 8 10	16 X 29	10 8 53	29↑21	29 8 39	08¥00
27	02V318	13≈44	13 8 21	18介19	05 <b>m</b> 241	09 8 35	16 X 32	11 8 13	29介44	29 8 59	08₩24
28	02V329	14≈06	14811	18介56	05 <b>117</b> 33	10801	16 X 34	11 8 33	80800	00 X 21	08¥49
29	021340	14≈27	15 8 02	19介32	0511724	10 8 26	16 X 37	11853	00831	00 X 41	09 <b>€</b> 13
30	02V351	14≈48	15 8 52	20 7 0 9	05MP16	10851	16 X 40	12 8 13	00855	01 11 02	09 € 37
31	031301	15≈08	16 <del>8</del> 43	20介46	0511708	11 8 17	16 X 42	12 8 33	01818	01 X 23	10€01
							v York, Ne				
Day	Ceres	Juno	Eros S	Sappho		Vesta	Chiron		Amor	Astarte	Erato
1	03/311	15≈29	17 <del>8</del> 34	21℃23	05MP00	11842	16 X 45	12 8 53	01841	01 X 44	10 € 26
2	03/321	15≈50	18 <del>8</del> 25	21个59	0411753	12807	16 <b>I</b> I 48	13 8 14	02805	02 <b>I</b> I06	10 € 50
3	03/130	16≈11	19 ႘ 16	22Ƴ36	04 <b>M</b> 246	12 8 33	16 X 51	13 8 34	02828	02 X 27	11 € 14
4	03139	16≈31	20 8 08	23介13	0411739	12 <del>8</del> 58	16 X 54	13 <del>8</del> 55	02852	02 <b>I</b> I 48	11 € 38
* <u>5</u>	03V348	16≈51	20 8 57	23介48	0411733	13 8 23	16 X 57	14 8 14	03815	03 11 09	12 <del>¥</del> 01
6	03ฬ56	17≈11	21 & 48	24Ƴ24	041127	13 <del>8</del> 48	17 X 00	14 <del>8</del> 35	03838	03 <b>I</b> I 30	12 <b></b>
7	047304	17≈32	22 8 40	25Ƴ01	0411722	14 8 14	17 <b>I</b> I 03	14 <del>8</del> 55	04802	03 X 51	12 <del>X</del> 49
8	04/ร12	17≈52	23 8 32	25Ƴ37	04 <b>11</b> 916	14 8 40	17 <b>I</b> I 06	15 <del>8</del> 16	04826	04 II 13	13 € 13
9	04ฬ20	18 <b>≈</b> 12	24 & 24	26介14	0411711	15 8 05	17 X 09	15 8 37	04850	04 II 35	13 € 37
10	04/327	18 <b>≈</b> 32	25 <del>8</del> 16	26介50	0411706	15831	17 II 13	15 <del>8</del> 57	05814	04 II 56	14₩01
11	04ฬ34	18 <b>≈</b> 52	26 & 08	27℃27	0411702	15 <del>8</del> 57	17 II 16	16 <del>8</del> 18	05838	05 II 18	14₩25
12	04V341	19 <b>≈</b> 12	27800	28℃03	0311758	16 8 22	17 II 20	16 <del>8</del> 39	06802	05 II 40	14 <del>¥</del> 49
13	04/347	19 <b>≈</b> 32	27 <del>8</del> 52	28Ƴ39	0311754	16 <del>8</del> 48	17 II 23	17 <del>8</del> 00	06 <del>8</del> 26	06 II 02	15 <b></b>
14	04ฬ53	19 <b>≈</b> 51	28 & 44	29介15	0311751	17 <del>8</del> 14	17 II 27	17 8 21	06850	06 II 24	15₩37
15	04ฬ59	20≈11	29 8 36	29介51	0311747	17 <del>8</del> 40	17 <b>I</b> I 30	17 8 42	07814	06 II 46	16₩00
16	05 <b>1</b> 304	20≈31	00 X 29	00 8 28	0311745	18 <del>8</del> 06	17 <b>I</b> I 34	18 8 03	07839	07 II 08	16 € 24
17	05 <b>1</b> 309	20≈50	01 X 22	01804	0311742	18 8 31	17 <b>I</b> I 38	18 8 24	08803	07 <b>I</b> I 30	16 € 48
18	05/314	21≈09	02 X 15	01840	0311740	18 <del>8</del> 57	17 X 41	18 8 45	08827	07 <b>I</b> 52	17 <b> ※</b> 11
19	05/318	21≈28	03 11 08	02 წ 16	0311738	19 8 23	17 II 45	19807	08852	08 II 15	17 <b>¥</b> 35
20	05/322	21≈48	04 X 01	02 წ 52	0311737	19 <b>8</b> 49	17 <b>II</b> 49	19 8 28	09 წ 16	08 <b>I</b> I 37	17 <b>光</b> 59
21	05ฬ25	22≈06	04 II 54	03 8 28	0311736	20 8 15	17 <b>I</b> 53	19 8 49	09841	08 <b>I</b> 59	18¥22
22	05ฬ29	22≈25	05 <b>X</b> 47	04804	0311735	20841	17 X 57	20 8 10	10805	09 🛚 22	18¥46
23	05 <b>\</b> 31	22≈44	06 X 40	04840	0311734	21807	18 X 01	20 8 32	10830	09 🛚 44	19¥09
24	05 <b>V</b> 334	23≈03	07 X 33	05 <del>8</del> 16	0311734	21 8 33	18 X 05	20 8 53	10854	10 X 07	19€32
25	05 <b>V</b> 36	23≈21	08 X 27	05 <del>8</del> 52	0311734	21859	18 X 09	21 8 15	11819	10 X 29	19∺56
26	05V38	23≈40	09 II 20	06 8 28	0311735	22 8 25	18 X 13	21 8 36	11844	10 X 52	20 € 19
27	05Vt39	23≈58	10 π 14	07 X 04	0311235	22851	18 π 17	21858	12808	11 π 14	20 € 42

28	05/340	24≈16	11 X 07	07 8 39	03 <b>m</b> /36	23 8 17	18 <b>I</b> I21	22 8 19	12833	11 <b>I</b> I 37	21 <del>X</del> 05
29	05/341	24≈34	12 <b>I</b> I01	08 ႘ 15	03 <b>m</b> 28	23 8 43	18 <b>I</b> 26	22 8 4 1	12858	12 X 00	21⊛29
30	05/341	24≈52	12 X 55	08 8 51	03 <b>m</b> 239	24 & 09	18 X 30	23 8 02	13823	12 <b>I</b> 22	21発52
						*50	· ·				
				May 1	<b>987</b> , 00:0		S <i>T starts</i> v York, Ne	w York. Le	ongitude	:	
Day	Ceres	Juno	Eros S	Sappho		Vesta	Chiron		Amor	Astarte	Erato
1	05V341	25≈09	13 II 49	09 წ 26	031741	24 b 35	18 II 34	23 & 24	13848	12 II 45	22 <b>±</b> 15
2	05 <b>1</b> 341	25≈27	14 II 43	10 8 02	031744	25 8 01	18 II 39	23 8 45	14813	13 X 08	22¥38
3	05 <b>V</b> 340	25≈44	15 X 37	10 8 37	031746	25 8 27	18 II 43	24807	14838	13 X 31	23¥00
4	05138	26≈02	16 X 31	11 8 13	031749	25 8 53	18 II 48	24 8 29	15803	13 X 54	23 <b>€</b> 23
5	05 <b>v</b> \$37	26≈19	17 X 25	11 8 48	031753	26 B 19	18 X 52	24851	15828	14 X 17	23€46
6	05 <b>1</b> 35	26≈36	18 X 19	12 8 24	03 <b>m</b> /56	26 <b>8</b> 45	18 🛚 57	25 & 12	15853	14 X 40	24₩09
7	05Vt33	26≈53	19 X 14	12 8 59	0411700	27 8 11	19 <b>I</b> I01	25 8 34	16819	15 <b>I</b> I03	24 €31
8	05 <b>1</b> 30	27≈09	20 X 08	13 8 34	0411704	27 8 37	19 <b>I</b> I 06	25 <del>8</del> 56	16844	15 X 26	24∺54
9	05/327	27≈26	21 X 02	14 8 10	04 <b>m</b> 208	28 & 03	19 X 10	26 8 18	17809	15 <b>I</b> 49	25升16
10	05 <b>1</b> 3	27 <b>≈</b> 42	21 X 57	14 8 45	04MP13	28 <del>8</del> 30	19 II 15	26 <b>8</b> 40	17834	16 II 12	25 € 39
11	05/319	27 <b>≈</b> 58	22 <b>I</b> 51	15 & 20	04MP18	28 <del>8</del> 56	19 <b>I</b> 20	27 8 02	18800	16 <b>I</b> I 35	26₩01
12	051ช 15	28 <b>≈</b> 15	23 🛚 46	15 <del>8</del> 55	041123	29 8 21	19 <b>I</b> 25	27 8 23	18825	16 X 58	26¥23
13	051ช 10	28 <b>≈</b> 30	24 🛚 41	16 წ 30	041129	29 8 47	19 II 29	27 8 45	18851	17 X 21	26 € 46
14	05 <b>1</b> 306	28 <b>≈</b> 46	25 <b>I</b> 35	17 <del>8</del> 05	04M735	00 II 14	19 <b>I</b> 34	28 8 07	19816	17 X 45	27 € 08
15	05 <b>V</b> 300	29≈01	26 X 30	17 8 40	041741	00 II 40	19 🛚 39	28 8 29	19842	18 🗷 08	27 € 30
16	041355	29≈17	27 II 25	18 8 15	04MP47	01 II 06	19 II 44	28 8 5 1	20807	18 X 31	27 € 52
17	04V348	29≈32	28 11 20	18 8 50	04M753	01 II 32	19 🛚 49	29 8 13	20833	18 II 54	28 € 14
18	04/342	29≈47	29 II 14	19824	05MP00	01 II 59	19 II 54	29 8 35	20858	19 II 18	28 € 36
19	04V335	00€02	00%10	19 8 59	05MP07	02 II 25	19 II 58	29 8 57	21824	19 🛚 41	28 € 57
20	04V328	00 € 17	01805	20834	05MP15	02 II 51	20 11 03	00 II 19	21850	20 11 04	29 € 19
21	04V321	00€31	02800	21808	05MP22	03 II 17	20 11 08	00 II 41	22816	20 11 28	29 € 40
22	04V\$13	00¥45	02855	21843	05M730	03 II 43	20 II 13	01 II 03	22841	20 II 51	00°02
23	04V\$05	00¥59	03850	22 8 18	05M738	04 11 09	20 II 18	01 II 25	23807	21 II 15	00°24
24	03V\$56	01¥13	04%45	22 8 52	05M746	04 II 35	20 II 23	01 II 47	23833	21 II 38	00T45
25	03V348	01¥27	05%40	23 8 27	05MP55	05 X 01	20 II 28	02 ΙΙ 09	23859	22 II 01	01 <b>°</b> 06
26	03/439	01¥40	06835	24801	06M704	05 II 28	20 II 33	02 II 32	24825	22 II 25	01 <sup>27</sup>
27 28	031329 031320	01¥53 02¥06	07\$30 08\$26	24 8 35 25 8 10	06MP13 06MP22	05 II 54 06 II 20	20 II 39 20 II 44	02 II 54 03 II 16	24851 25817	22 II 48 23 II 12	01か48 02か09
29	03 <i>V</i> 320	02 <del>X</del> 06	09821	25 8 44	06M731	06 II 46	20 II 44 20 II 49	03 II 38	25843	23 II 12 23 II 35	02 T 09 02 T 30
30	03 <i>V</i> 310	02 <del>X</del> 19	109321	26 g 18	06MP41	07 II 12	20 II 49 20 II 54	03 II 30	26809	23 II 59	02 T 30 02 T 51
31	02/349	02 <del>X</del> 31	119311	26 8 52	06M751	07 II 38	20 11 59	04 II 22	26835	24 II 22	02 T 3 T
O I	021343	027(44	110011				w York, Ne				00 1 11
Day	Ceres	Juno	Eros S		Psyche	Vesta	Chiron		_	Astarte	Erato
1	02V338	02 <del>¥</del> 56	12507	27 g 26	071701	08 II 04	21 🛚 04	04 II 44	27802	24 II 46	03T32
2	021327	03¥08	13802	28 8 00	07MP11	08 II 30	21 X 09	05 II 06	27828	25 X 09	03介52
3	02V\$16	03 <b>X</b> 19	13957	28 8 34	07MP22	08 II 56	21 X 15	05 II 28	27854	25 X 33	04介13
4	021304	03¥30	14%53	29 8 07	07 <b>m</b> /32	09 II 22	21 11 20	05 X 51	28820	25 II 56	04Ƴ33
5	01/353	03 € 41	15%48	29 8 41	07 <b>m</b> 243	09 II 48	21 🛚 25	06 II 13	28847	26 II 20	04介53
6	01/341	03¥52	16%43	00 X 15	07 <b>m</b> /54	10 II 14	21 X 30	06 II 35	29812	26 II 44	05Ƴ13
7	01\ช29	04¥03	17939	00 X 49	08 <b>m</b> 05	10 II 40	21 <b>I</b> I 35	06 II 57	29839	27 X 07	05℃33
8	01/317	04¥13	18534	01 X 23	08 <b>M</b> 217	11 X 06	21 X 41	07 II 19	00 II 06	27 X 31	05Ƴ52
9	01/304	04∺23	19829	01 X 56	08 <b>m</b> 29	11 X 32	21 <b>II</b> 46	07 II 41	00 <b>I</b> 32	27 II 54	06Ƴ12
10	00V\$52	04∺33	20825	02 <b>I</b> I30	08 <b>m</b> /40	11 🛚 58	21 X 51	08 II 03	00 X 59	28 II 18	06Ƴ32
11	00 <b>V</b> 39	04∺42	21%20	03 🗷 03	08 <b>m</b> 52	12 II 24	21 <b>I</b> 56	08 II 25	01 <b>I</b> I25	28 🛚 42	06℃51
12	00V326	04∺51	22%15	03 <b>I</b> 37	09 <b>m</b> 05	12 II 50	22 II 02	08 II 47	01 <b>I</b> 52	29 <b>I</b> 05	07介10
13	001 13	05₩00	23%10	04 II 10	09 <b>m</b> 217	13 II 16	22 II 07	09 II 10	02 II 18	29 II 28	07℃29
14	001400	05 <del>X</del> 09	24506	04 II 43	091729	13 II 42	22 II 12	09 II 32	02 <b>I</b> 45	29 II 52	07 <b>1</b> 48
15	29≯747	05 <b>ℋ</b> 17	25%01	05 X 17	09 <b>m</b> 42	14 II 08	22 II 17	09 II 54	03Ⅱ12	00%16	08Ƴ07
16	29≯34	05 <b>X</b> 25	25&56	05 X 50	09 <b>m</b> 755	14 II 34	22 II 23	10 II 16	031138	00%40	08℃26
17	29≯720	05 <b>X</b> 33	26%52	06 X 23	1011708	15 X 00	22 II 28	10 II 38	04 <b>I</b> 05	015603	08Ƴ44
18	29≯707	05∺40	275647	06 X 56	101721	15 II 26	22 <b>I</b> 33	11 X 00	04 <b>I</b> 32	01%27	09℃03
19	28≯754	05∺47	28%42	07 II 29	101735	15 II 52	22 🛚 38	11 X 22	04 II 59	01850	09℃21
20	28🗷 41	05 <b></b> ¥54	29937	08 II 02	101748	16 II 17	22 II 44	11 II 44	05 <b>I</b> 26	02%14	09 <b>T</b> 39
21	28≯728	06₩00	00Ω32	08 II 35	1111702	16 II 43	22 11 49	12 II 06	05II53	02838	09介57
22	28 🛪 15	06₩06	01&27	09 II 07	1111716	17 II 09	22 🛚 54	12 II 28	06 II 19	03801	10 <b>°</b> 15
23	28×701	06 € 12	02&22	09 II 40	1111730	17 II 35	22 II 59	12 II 50	06 II 46	03825	10 <b>°</b> 32
24	27 <b>≯</b> 748	06升17	03ഹ 18	10 X 13	1117744	18 II 01	23 <b>I</b> 05	13 II 12	07 🛚 13	035648	10介50

25	27≯35	06 <b></b>	04 <i>Q</i> 13	10 <b>I</b> 45	1111758	18 <b>I</b> 26	23 II 10	13 <b>I</b> I 34	07 <b>I</b> I41	04%12	11Ƴ07
26	27 🛪 22	06¥27	05&08	11 II 18	1211712	18 II 52	23 II 15	13 II 56	801180	04835	11 <b>T</b> 24
27	27×709	06¥31	06Д03	11 X 50	1211727	19 II 18	23 11 20	14 II 18	08135	04859	11741
28	26×756	06¥35	06Ω58	12 II 23	1211727	19 II 44	23 11 25	14 II 40	091102	05823	11758
29	26743	06 <del>¥</del> 39	07 <sub>\$\Q\$</sub> 52	12 II 55	12M756	20 11 09	23 II 30	15 II 02	09 11 29	05%46	12 <sup>1</sup> 15
30	26731	06 <del>)</del> 42	07 % 32 08 Ω 47	13 X 27	1311711	20 II 35	23 X 36	15 11 24	091156	06%10	12 T 13
30	20/31	007(42	000247				V York, Ne				12 1 3 1
Day	Ceres	Juno	Eros S	Sappho	Psyche	Vesta	Chiron (	Ophelia	Amor	Astarte	Erato
1	26≯718	06₩45	09&42	14 II 00	131127	21 X 00	23 🛚 41	15 II 46	10 II 24	06\$33	12 <b>°</b> 47
2	26≯706	06₩47	10ഹ37	14 II 32	131742	21 II 26	23 <b>I</b> 46	16 II 07	10 <b>I</b> I51	06%57	13 <b>T</b> 03
3	25≯754	06₩49	11ഹ32	15 X 04	1311757	21 X 52	23 X 51	16 II 29	11 🛚 18	07\$20	13 <b>T</b> 19
4	25 <b>≯</b> 42	06₩51	12ഹ26	15 X 36	1411713	22 X 17	23 X 56	16 X 51	11Ⅱ46	075644	13 <b>T</b> 35
5	25≯30	06₩52	13ഹ21	16 X 08	1411728	22 <b>II</b> 43	24 X 01	17 II 13	12 <b>I</b> 13	08507	13 <b>T</b> 50
6	<b>25</b> ≯ <b>7</b> 19	06₩53	14Ω15	16 X 40	1411744	23 II 08	24 II 06	17 II 34	12 <b>I</b> I40	08&31	14 <b>T</b> 06
7	25≯707	06₩54	15&10	17 X 11	15 <b>11</b> 700	23 II 34	24 X 11	17 II 56	13Ⅱ08	08&54	14 <b>T</b> 21
8	24≯756	06 € 54	16ഹ04	17 <b>II</b> 43	15 <b>M</b> 216	23 II 59	24 II 16	18 II 18	13 <b>I</b> I35	09\$18	14 <b>T</b> 36
9	<b>24</b> ≯ <b>3</b> 45	06 € 54	16ഹ59	18 II 15	15MP32	24 II 24	24 II 21	18 <b>II</b> 39	14 II 03	09%41	14 <b>T</b> 50
10	24≯735	06₩53	17Ω53	18 <b>II</b> 46	15 <b>117</b> 48	24 II 50	24 II 26	19 <b>I</b> I 01	14 <b>I</b> I31	103604	15℃05
11	24≯724	06釆52	18Ձ47	19 II 18	16 <b>m</b> 204	25 II 15	24 🛚 31	19 <b>II</b> 23	14 🛚 58	10%28	15 <b>°</b> 19
12	24≯714	06₩51	19ഹ41	19 <b>II</b> 49	16 <b>M</b> 21	25 II 40	24 II 36	19 <b>II</b> 44	15 <b>I</b> I 26	10251	15 <b>T</b> 33
13	24≯704	06₩49	20ഹ35	20 II 20	16 <b>11</b> 937	26 II 06	24 II 41	20 II 06	15 🛚 54	11%14	15Ƴ47
14	23≯755	06⊛47	21പ്29	20 II 52	161754	26 X 31	24 II 46	20 II 27	16 <b>I</b> I21	11538	16 <b>个</b> 00
15	23≯746	06∺44	22&23	21 <b>I</b> 23	17 <b>m</b> 210	26 II 56	24 II 51	20 II 49	16 <b>II4</b> 9	125601	16 <b>T</b> 14
16	23≯37	06₩41	23പ്പ 17	21 II 54	17 <b>11</b> 27	27 II 21	24 II 56	21 II 10	17 X 17	12%24	16 <b>°</b> 27
17	23≯728	06₩38	24 ე 11	22 <b>I</b> 25	17MP44	27 II 46	25 X 01	21 <b>I</b> I 31	17 <b>II</b> 45	12%48	16 <b>T</b> 40
18	23≯720	06₩34	25굁05	22 <b>I</b> 56	18 <b>1</b> 701	28 II 11	25 <b>I</b> 06	21 <b>I</b> 53	18 <b>I</b> 13	135311	16 <b>T</b> 52
19	23🛪 12	06₩29	25&58	23 II 27	18 <b>M</b> 218	28 II 37	25 II 10	22 II 14	18Ⅱ41	13534	17 <b>T</b> 05
20	23≯704	06₩25	26&52	23 II 57	18 <b>M</b> 25	29 II 01	25 II 15	22 <b>I</b> 35	19 <b>I</b> I 09	13557	17 <b>°</b> 17
21	227/57	06 € 19	27&146	24 II 28	18 <b>m</b> 253	29 II 26	25 II 20	22 II 57	19Ⅱ37	14%21	17 <b>T</b> 29
22	22750	06 € 14	28ഹ39	24 II 59	19 <b>1</b> 77	29 🛚 51	25 🛚 24	23 II 18	20 <b>I</b> 05	145644	17Ƴ40
23	22743	80€60	29പ്പ32	25 II 29	19 <b>17</b> 27	00%17	25 <b>I</b> 29	23 II 39	20 🛚 33	15%07	17 <b>T</b> 51
24	227/37	06₩02	00 <b>m</b> 26	26 II 00	19 <b>M</b> 245	00%41	25 II 34	24 II 00	21 <b>I</b> I01	15%30	18 <b>T</b> 02
25	22≯731	05₩55	01 <b>m</b> 19	26 X 30	20 <b>1</b> 703	01%06	25 <b>I</b> I 38	24 II 21	21 <b>I</b> I 29	15%53	18 <b>个</b> 13
26	22 <b>₹</b> 25	05 € 48	02 <b>M</b> 212	27 X 01	20 <b>m</b> 20	01%31	25 <b>II</b> 43	24 II 42	21 <b>I</b> I58	162616	18 <b>T</b> 24
27	227/20	05 € 40	0311705	27 II 31	20 <b>17</b> 38	019356	25 <b>II</b> 47	25 II 03	22 <b>1</b> 126	16539	18Ƴ34
28	22×715	05₩32	03 <b>m</b> 58	28 X 01	20 <b>m</b> 56	02%21	25 X 52	25 II 24	22 🛚 54	175602	18Ƴ44
29	22🗷 10	05₩24	04MP51	28 X 31	2111714	02%45	25 X 56	25 II 45	23 <b>I</b> 23	17525	18 <b>T</b> 53
30	22≯706	05升15	05MP44	29 II 00	2111732	035310	26 X 01	26 II 06	23Ⅲ51	175348	19Ƴ03
31	22₹02	05₩06	06 <b>m</b> 36	29 II 30	211750	03534	26 <b>I</b> 05	26 II 26	24 II 19	185611	19Ƴ12
							ew York, N				
Day	Ceres	Juno			Psyche		Chiron (			Astarte	Erato
1	21≯758	04 € 56	07 <b>m</b> 29	00&01	22 <b>m</b> 708	03&59	26 II 09	26 II 47	24 II 48	18534	19 <b>T</b> 21
2	21≯755	04 € 46	08MP21	00&30	22MP27	04323	26 II 14	27 II 08	25 II 17	18857	19 <b>T</b> 29
3	217/53	04 € 36	09MP14	01800	22MP45	04%48	26 II 18	27 II 28	25 <b>I</b> I45	19820	19Ƴ37
4	21≯750	04 € 26	101706	01%29	2311703	05%12	26 11 22	27 II 49	26 II 14	19842	19Ƴ45
5	217/48	04 € 15	101758	01959	231722	05%37	26 II 26	28 II 09	26 11 42	20305	19 7 5 2
6	21×746	04€04	1117750	02%28	231741	06%01	26 II 30	28 II 30	27 II 11	20%28	19↑59
7	21×745	03 € 52	121742	02957	231759	06%25	26 II 34	28 II 50	27 II 40	20850	20106
8	217/44	03 € 40	131734	03\$26	241718	06%49	26 II 38	29 II 10	28 11 09	219313	20 13
9	217/44	03 € 28	141726	03855	24M737	079313	26 II 42	29 II 30	28 II 37	21936	20119
10	21×743	03¥16	151718	04%24	24M755	07%38	26 II 46	29 II 50	291106	21558	20 7 25
11	21×744	03¥03	161709	04953	25MP14	08502	26 II 50	009311	29 🛚 35	22521	20 1 30
12	21×744	02¥50	17MP01	05%22	25M733	08\$26	26 II 54	00931	00%04	22543	20 7 3 5
13	21×745	02¥37	171752	05%51	25M752	085349	26 II 58	00951	00%33	23506	20 7 40
14	21×746	02¥23	181743	06%19	26MP11	09%13	27 II 02	019311	01302	23 % 28	20 744
15	21×748	02¥10	191734	06%48	26M731	09537	27 II 05	01931	01931	23550	20~49
16	21749	01€56	20M25	079316	26M750	10301	27 11 09	01950	02%01	24%13	20T52
17	217/52	01€42	2111716	079544	27 <b>m</b> 29	10%24	27 II 12	02%10	02%30	24%35	20 <b>T</b> 56
18	21 7 54	01 <b>¥</b> 28	2211707	08%12	271728	10%48	27 II 16	02330	02%59	24957	20个59
19	21 🗷 57	01€13	22M758	08%40	27MP48	11%12	27 II 19	023649	03%29	25%19	211101
20	22₹00	00€59	2317748	09208	2811707	11%35	27 II 23	03209	03%58	25%41	21个03
21	227/04	00€44	24M739	09836	281726	113559	27 II 26	03 % 28	04%27	26%03	21105
22	22≯708	00€30	25MP29	10304	28 <b>M</b> 246	123622	27 X 30	039347	04%57	26%25	21107
23	22 🗷 12	00¥15	26 <b>m</b> 20	10%31	29 <b>m</b> 205	12%45	27 π 33	04%06	05%26	26%47	21个08

24	22🗷 17	29≈59	27 <b>1</b> 710	10359	29 <b>m</b> 25	13%08	27 II 36	04%25	05%56	27809	21个08
25	22721	29≈44	28 <b>17</b> 00	11%26	29 <b>m</b> 44	13%31	27 II 39	04%44	06%26	27931	21个09
26	22727	29≈30	28 <b>m</b> /50	11253	00-205	13%54	27 II 42	05%03	06%55	27%53	21个08
27	22732	29≈15	291739	12%21	00-24	14%17	27 II 45	05%22	07%25	28%14	21个08
28	22738	29≈00	00-29	125348	00-244	14%40	27 II 48	05%41	07%55	28%36	21个07
29	22744	28≈45	01 <b>-</b> 19	135614	01-204	15%03	27 II 51	05\$59	08\$25	28%58	21106
30	22 7 51	28 <b>≈</b> 31	02-208	135641	01-24	15%26	27 II 54	06%18	08354	29%19	21\(\gamma\)04
31	22 🛪 57	28≈16	02 <del>-</del> 58	14308	01-24	15%48	27 II 57	06336	09324	29%40	21107
31	227101	20/10					New York				21102
Day	Ceres	Juno			Psyche		Chiron			Astarte	Erato
1	23 🗷 05	28 <b>≈</b> 01	03 <b>≏</b> 47	14534	02-204	16%11	27 II 59	06354	09%54	00പ്പ02	21100
2	23712	27≈47	04 <b>-</b> 36	15801	02 <b>-</b> 04	16%34	28 II 02	079313	10324	00&23	20 <b>T</b> 57
3	23 🛪 20	27≈32	05 <b>-</b> 25	15%27	02 <del>-</del> 24	163556	28 II 05	07931	10355	00&45	20 T 57
4	23727	27 <b>≈</b> 32	06 <b>-</b> 23	15%53	03-04	17%18	28 II 07	079349	11%25	01&06	20 7 5 9
5	23736	27 <b>≈</b> 10	07 <b>-</b> 03	16%19	03-04	173610	28 II 10	08806	11955	01&27	20 7 36
6	23×344	26≈50	07 <b>—</b> 03	16%45	03-24	18302	28 II 12	08324	12325	01&48	20 T 40 20 T 42
7	23 🛪 53	26 <b>≈</b> 36	07 <u>=</u> 32 08 <u></u> 40	179311	03=44 04 <b>\(\sigma\)</b> 04	18302	28 II 14	08324	12356	01 <del>0</del> 240	20 T 42 20 T 37
8	24702	26 <b>≈</b> 23	08 <b>=</b> 40	179311	04 <u>-</u> 04	183646	28 II 16	08359	13%26		20 T 37 20 T 32
					04 <u>-2</u> 45				13%56	02.051	
9	24 🗷 11	26 <b>≈</b> 10	10 <b>-</b> 217	18502		19308	28 II 19	09%17	14%27	02&51	20T26
10	24×721	25≈57	11 <b>-</b> 05	18527	05-205	19830	28 II 21	09834		03&12	20 <b>T</b> 21
11	24 🛪 31	25 <b>≈</b> 44	11-53	18952	05-25	19352	28 II 23	09851	14%57	03&32	20 14
12	24×741	25≈32	12-41	19517	05-45	20%13	28 II 25	10308	15%28	03&53	20 7 08
13	24 🛪 51	25≈19	13≏29	19842	06-206	20335	28 II 27	10325	15%59	04Ω14	20101
14	25 🗷 02	25≈08	1417	20507	06 <b>≏</b> 26	20356	28 11 28	105341	16%30	04Ω34	19介54
15	25 7 13	24≈56	15 <b>≏</b> 05	20931	06 <b>-</b> 47	219317	28 11 30	10358	179300	04Ω54	19~46
16	25 7 24	24≈45	15 <b>≏</b> 52	20956	07 <b>-</b> 07	21%38	28 II 32	119314	17931	05Ω15	19 738
17	25≯35	24≈34	16 <b>-</b> 40	21%20	07≏27	213559	28 II 33	11931	18%02	05&35	19 7 3 0
18	25×747	24≈24	17 <b>≏</b> 27	215344	07 <b>≏</b> 48	22320	28 II 35	119347	18%33	05Ω55	19↑22
19	25 🗷 59	24≈14	18 <b>≏</b> 14	22508	08-208	225641	28 II 36	12503	19305	06&15	19介13
20	26≯11	24≈04	19 <b>≏</b> 01	22532	08-29	23%01	28 II 38	12319	19336	06&35	19↑04
21	26≯723	23≈55	19 <b>-</b> 248	22355	08 <b>-</b> 49	23%22	28 II 39	12334	203607	06&55	18 <b>T</b> 54
22	26≯735	23≈46	20 <b>≏</b> 35	23%19	09-210	23%42	28 II 40	12350	20%38	07ଯ14	18↑44
23	26≯748	23≈37	21 <b>-</b> 22	235642	09-231	24%03	28 II 42	132605	21%10	07&34	18 <b>T</b> 34
24	27≯701	23 <b>≈</b> 29	22 <b>≏</b> 08	24305	09 <b>-</b> 51	24%23	28 <b>II</b> 43	13521	21%41	07&54	18 <b>T</b> 24
25	27≯714	23 <b>≈</b> 22	22 <b>≏</b> 55	24%28	10 <b>≏</b> 12	24%43	28 🛚 44	13536	22%13	08ഹ 13	18 <b>T</b> 14
26	27≯728	23≈14	23 <b>-</b> 241	24951	10 <b>≏</b> 32	25%02	28 <b>II</b> 45	13550	22%44	08&32	18 <b>T</b> 03
27	27≯741	23≈08	24 <b>≏</b> 27	25%13	10 <b>≏</b> 53	25%22	28 II 45	14305	23%16	08გ52	17 <b>T</b> 52
28	27 <i>≯</i> 755	23 <b>≈</b> 01	25 <b>≏</b> 14	25\$36	11-2-14	25%42	28 <b>I</b> I 46	14%20	235348	09&11	17 <b>T</b> 41
29	28×709	22≈56	26 <b>-</b> 200	25&58	11 <b>≏</b> 34	26%01	28 II 47	14%34	24% 19	09&30	17 <b>T</b> 30
30	28≯723	22≈50	26 <b>≏</b> 46	26%20	11 <b>≏</b> 55	26%20	28 II 47	145348	24%51	. 09&49	17 <b>T</b> 18
_	_						ew York, N				_
Day	Ceres	Juno		Sappho		Vesta	Chiron			Astarte	Erato
1	28 🛪 38	22≈45	27 <b>≏</b> 31	26%42	12 <del>-</del> 16	26%40	28 11 48	15902	25%23	10 გ 07	17 <b>1</b> 07
2	28 7 52	22≈41	28 <b>≏</b> 17	27503	12 <b>-2</b> 36	26359	28 11 48	15%16	25%55	10 გ 26	16 755
3	29₹06	22≈37	29-02	279325	12-57	279317	28 11 49	15%29	26%27	10 Ω 45	16~43
4	29721	22≈33	29 <b>≏</b> 48	275346	13-218	27536	28 11 49	15%43	27500	11Ω03	16 <b>T</b> 31
5	29≯737	22≈30	00M34	28507	13-239	27954	28 II 49	153556	27%32	11&21	16 <b>1</b> 19
6	29≯752	22≈28	01ጤ19	28 % 28	13-259	28%13	28 II 50	163609	28504	11&39	16 107
7	801/100	22 <b>≈</b> 26	02ሙ04	285348	14-20	28%31	28 <b>I</b> 50	16322	28%37	11Ձ57	15 <b>T</b> 55
8	00V123	22 <b>2</b> 24	02Љ49	29308	14-241	28%49	28 II 50	16334	29309	12Ω15	15 <b>T</b> 42
9	00 <b>1</b> 39	22 <b>2</b> 3	03№34	29\$28	15 <b>≏</b> 01	293606	28 <b>I</b> 50	163647	29%41	12&33	15 <b>T</b> 30
10	00 <b>1</b> 55	22 <b>2</b> 3	04ሙ19	29\$48	15 <b>≏</b> 22	29%24	28 <b>II</b> 49	16259	00ഹ 15	12Ձ51	15 <b>T</b> 18
11	01/312	22≈23	05№04	80 Q 00	15 <b>-</b> 43	29%41	28 <b>II</b> 49	17%11	00&47	13െ08	15 <b>T</b> 06
12	01ฬ28	22 <b>≈</b> 23	05№48	00ഹ28	16 <b>-</b> 204	29359	28 <b>II</b> 49	17%22	01&20	13ഹ26	14 <b>T</b> 53
13	01/344	22≈24	06№33	00ഹ47	16 <b>≏</b> 24	00പ്പ16	28 <b>I</b> 48	17534	01굁53	13&43	14 <b>T</b> 41
14	02ฬ01	22 <b>≈</b> 25	07№17	01Ձ06	16 <b>≏</b> 45	00പ്പ33	28 <b>I</b> 48	175345	02&26	14Ձ00	14 <b>T</b> 29
15	021ช18	22 <b>≈</b> 27	08M01	01&25	17 <b>-</b> 206	00ഹ്ട50	28 II 47	17956	03&00	14 $lpha$ 17	14 <b>T</b> 17
16	02 <b>1</b> 35	22 <b>≈</b> 29	08№46	01&43	17 <b>≏</b> 27	01&06	28 <b>I</b> 47	183607	03ഹ33	14ഹ34	14 <b>T</b> 05
17	02VI52	22 <b>≈</b> 32	09 <b>I</b> 30	02ഹ02	17 <b>-≏</b> 47	01&23	28 <b>I</b> 46	185617	04ᡚ06	14ഹ250	13 <b>T</b> 53
18	031409	22 <b>≈</b> 35	10ሙ14	02&20	18 <b>≏</b> 08	01&39	28 <b>II</b> 45	18328	04ଯ40	15Ձ07	13 <b>T</b> 41
19	03/327	22 <b>≈</b> 38	10№58	02ഹ37	18 <b>≏</b> 29	01 <i>Q</i> 55	28 <b>I</b> 44	18338	05 <i>Q</i> 13	15&23	13 <b>T</b> 30
20	03/344	22 <b>≈</b> 43	11Љ41	02 <i>&amp;</i> 55	18 <b>-</b> 49	02 <i>Q</i> 10	28 <b>II</b> 43	183647	05&47	15굁39	13 <b>T</b> 18
21	04ฬ02	22≈47	12№25	03 ე 12	19 <b>≏</b> 10	02&26	28 <b>I</b> 42	18357	06ഹ21	15Ձ55	13℃07
22	04Vt20	22#52	130,09	03 <i>გ</i> 29	19 <b>-</b> 231	02.გ 41	28 π 41	19806	06.გ.55	16ഹ11	12 <b>T</b> 56

23	04/338	22≈58	13 <b>‰</b> 52	03&46	19 <b>-</b> 251	02ഹ56	28 🛚 40	19\$315	07 ე 29	16Ω27	12 <b>°</b> 45
24	04V356	23≈03	14MJ36	04Ω02	20-212	03	28 II 39	19324	08ഹ03	16&42	12 T 46
*25	05V315	23≈10	15M-21	04Ω19	20-34	03&26	28 II 38	19332	08£38	16Ω58	12 <sup>1</sup> 23
26	05V333	23≈17	16№04	04Ω34	20-254	03&40	28 II 36	195641	09 ე 13	17Ω13	12个13
27	05ฬ52	23≈24	16№47	04 250	21-215	03Ω54	28 II 35	193648	09&47	17 ົ 28	12 <b>T</b> 03
28	06/310	23 <b>≈</b> 32	17ሙ30	05&05	21-235	04 ე 08	28 X 33	19\$56	10ູ 22	17ᡚ43	11 <b>T</b> 53
29	06ฬ29	23 <b>≈</b> 40	18 <b>I</b> 13	05&20	21 <b>-</b> 56	04 ე 22	28 X 32	203003	10ᡚ56	17	11 <b>T</b> 44
30	06/348	23 <b>≈</b> 48	18№56	05&34	22 <b>-</b> 217	04紀35	28 X 30	209310	11ഹ231	18 ົ ປ 12	11 <b>T</b> 35
31	07 <b>V</b> \$07	23≈57	19№38	05&49	22 <b>-</b> 37	04ଯ48	28 <b>I</b> 28	209317	12ഹ06	18ഹ26	11 <b>T</b> 26
						*DS	ST ends				
			N	lovembe	r <b>1987</b> , 0		New York,	New York	, Longitı	ıde	
Day	Ceres	Juno			Psyche	Vesta	Chiron (			Astarte	Erato
1	07ฬ26	24≈07	20№21	06&03	22 <b>-</b> 58	05&01	28 II 26	20\$23	12ᡚ41	18&40	11 <b>T</b> 17
2	07\ช46	24≈17	21№03	06&16	23-218	05	28 II 24	20329	13ᡚ16	18Ձ54	11 <b>T</b> 09
3	08 <b>V</b> \$05	24≈27	21№46	06&30	23-239	05 გ 26	28 II 22	20335	13ഹു52	19ഹ07	11 <b>T</b> 02
4	08/324	24≈37	22№28	06&42	23 <b>-</b> 59	05&37	28 II 20	205340	14ᡚ27	19ഹ21	10 <b>T</b> 54
5	081344	24≈48	23№10	06ഹ55	24 <b>-</b> 219	05&49	28 II 18	205345	15ഹ03	19ഹ34	10Ƴ47
6	091304	25≈00	23№52	07ഹ07	24 <b>-</b> 40	06പ്പ00	28 II 16	20350	15ഹ39	19굁47	10℃40
7	09V323	25≈11	24№35	07Ω19	25-200	06	28 II 14	20354	16Ω14	19Ω59	10 ↑ 34
8	09/343	25≈23	25№16	07Ω31	25-21	06Ω22	28 II 11	20359	16ᡚ51	20&12	10↑28
9	101303	25≈36	25№58	07Ω42	25-241	06&33	28 11 09	21502	17ູ 27	20 გ 24	10 1 2 2
10	10/323	25≈49	26№40	07Ω53	26-201	06&43	28 11 07	21506	18203	20 გ 36	10 <b>1</b> 7
11	10/344	26 <b>≈</b> 02	27M-22	08 დ 03	26-21	06&53	28 11 04	21509	18Ω40	20 მ 48	10 12
12	11/304	26≈15	28M·03	08Ω13	26-42	07.002	28 11 02	219512	19Ω16	20 ე 59	10 10 10 10 10 10 10 10 10 10 10 10 10 1
13	11/324	26≈29	28M-45	08Ω23	27-02	07	27 II 59	215314	19Ω53	21&10	10 10 10 10 10 10 10 10 10 10 10 10 10 1
14	11/345	26≈43	29№26	08Ω32	27-22	07 & 20	27 II 56	219316	20 230	21&21	10100
15	12/305	26≈58	00×708	08Ω41	27-42	07 Ω 29	27 II 54	219318	21Ω07	21&32	09T56
16	121326	27 <b>≈</b> 13	00×749	08Ω50	28-202	07.0.37	27 X 51	21%19	21&45	21&43	09T54
17	12/347	27 <b>≈</b> 28	01730	08Ω58	28-22	07.045	27 II 48	21%20	22&22	21&53	09T51
18	131308	27≈44	02×711	09 დ 05	28-42	07£52	27 II 45	21%21	23Ω00	22&03	09T49
19 20	131329 131350	28 <b>≈</b> 00 28 <b>≈</b> 16	02≯752 03≯733	09 ඩ 13 09 ඩ 20	29-202	07 & 59	27 II 42 27 II 39	21 <b>S</b> 21	23&38 24&16	22&13 22&22	09 <b>T</b> 48
21	14/311	28 <b>≈</b> 33	03 <i>≯</i> 33	09გ26	29 <b>-</b> 21 29 <b>-</b> 241	08ഹ06 08ഹ12	27 II 39	21321	24 <sub>Ω</sub> 10	22£31	09 T 46
22	14/311	28 <b>≈</b> 50	04×14	09&32	00M02	08 <sub>Ω</sub> 12	27 II 33	21320	25Ω32	22&40	09 T 40
23	147352	29≈06	0 <del>7</del> 735	09&37	00M21	08 <i>Q</i> 24	27 II 30	21%18	26Ω11	22&48	09T45
24	15/314	29≈24	06≯16	09&42	00MJ41	08&29	27 II 27	219317	26Ω50	22&57	09 <b>T</b> 46
25	15/336	29 <b>≈</b> 42	06≯756	09&47	01lb01	08&34	27 II 23	219315	27Ω29	23&05	09↑47
26	151357	00¥00	07≯36	09&51	01M20	08പ്പ38	27 II 20	21%12	28ඩ08	23Ω12	09介48
27	16 <b>1</b> 319	00¥19	08 <b>≯</b> 17	09&55	01M40	08 ຄ 42	27 II 17	219310	28 248	23&20	09介50
28	16/341	00 <b></b> €37	08≯57	09 გ 58	01M59	08 ည 46	27 II 13	21507	29 ე 27	23&27	09介52
29	171302	00€56	09≯37	10ည01	02M·19	08 Ω 49	27 II 10	21503	00MP07	23&33	09℃54
30	17V324	01 <b></b> €16	10≯17	10ഹ03	02 <b>\</b> 38	08 ည 52	27 X 07	20359	00 <b>M</b> 247	23&40	09Ƴ57
_	_	_					New York,				
Day	Ceres	Juno		Sappho		Vesta	Chiron (			Astarte	Erato
1	171346	01¥35	10 🛪 57	10Ω05	02M57	08 ໓ 54	27 II 03	20355	011128	23&46	10个01
2	18/308	01 <del>¥</del> 55	11×737	10Ω06	03M·17	08£56	27 II 00	20951	0211709	23&52	10°05
3	181330	02¥15	12×717	10Ω07	031136	08 ໓ 57	26 II 56	20546	0211749	23&57	10°09
4	181352	02¥35	12×757	10Ω08	03M55	08 ე 58	26 II 52	205341	031731	24&02	10°13
5	191314	02¥56 03¥17	13 🛪 36	10Ω08	04M 14	08 0 50	26 II 49	20\$35	04M712	24&07	10°18
6	19 <b>1</b> 36	03 <del>X</del> 17	14 <del>₹</del> 16 14 <del>₹</del> 55	10 ຄ 06	04M33	08 ໓ 59	26 II 45	20 <b>\$</b> 29 20 <b>\$</b> 23	04M754	24 \Q 15	10T24
7 8	201320	03 <del>X</del> 38	15 🗷 35	10െ 06 10െ 04	04№52 05№11	08£59 08£58	26 II 42 26 II 38	20 % 23	05MP36 06MP18	24ଯ 15 24ଯ 19	10 T 30
9	201320	03 <del>X</del> 59	16714	10Ω04 10Ω02	05M30	08&57	26 II 34	20309	0711701	24&219 24&22	10 T 36 10 T 42
10	21/305	04 <del>X</del> 21	16×14	10&02	05M48	08 <sub>&amp;</sub> 56	26 X 31	20309	0711701 0711744	24&22 24&25	10 T 42 10 T 49
11	21/303	04 <del>X</del> 42	17×33	09&57	05II048	08&54	26 II 27	19854	08MP27	240/23 240/28	10 T 49 10 T 56
12	21/320	05)£27	18 🛪 12	09&53	06M26	08&51	26 II 23	19334	0911727	24£30	11 <sup>1</sup> 04
13	22V\$13	05) <del>4</del> 9	18 🛪 51	09&49	06M-44	08&48	26 II 19	19338	0911710	24Ω32	11112
14	22/375	06¥12	19730	09 Ω 44	07M02	08 ຄ.45	26 II 16	19830	1011738	24£33	11 <sup>1</sup> 20
15	22 <b>1</b> 358	06 <del>X</del> 35	20709	09 239	07M21	08&41	26 II 12	19821	1111723	24£334	11T29
16	23 <b>1</b> 330	06¥58	20748	09 234	07M39	08&36	26 11 08	19811	1211708	24&35	11T38
17	231343	07 <b></b> €21	21×127	09&27	07 <b>№</b> 57	08&32	26 II 04	19802	1211753	24&36	11 <b>~</b> 48
18	24V306	07¥45	22×705	09&21	08M-15	08&26	26 II 01	18552	1311739	24&35	11 <b>T</b> 58
19	241329	08₩09	22744	09 ຄ 14	08M33	08&21	25 II 57	183642	14MP24	24&35	12℃08

20	24V352	08¥33	23 🛪 23	09പ്പ06	08№51	08 ົ 14	25 II 53	18532	15MP11	24&34	12介18
21	25 <b>1</b> 315	08発57	24× <b>7</b> 01	08&58	09M09	08&08	25 <b>I</b> 49	18\$22	15MP57	24&33	12 <b>~</b> 29
22	25 <b>1</b> 38	09₩22	24≯740	08&50	09№26	08&01	25 <b>II</b> 45	185611	16 <b>M</b> 245	24&31	12Ƴ40
23	26 <b>以</b> 01	09ℋ46	25≯18	08&40	09№44	07&53	25 <b>II</b> 42	18500	1711732	24&29	12 <b>T</b> 51
24	26 <b>V</b> 324	10 € 11	25≯756	08&31	10ሙ02	07&45	25 <b>I</b> I38	175649	18 <b>1</b> 1/20	24&27	13 <b>个</b> 03
25	26 <b>V</b> \$47	10 € 36	26≯735	08&21	10ጤ19	07പ്പ37	25 <b>I</b> 34	17537	19 <b>17</b> 08	24&24	13 <b>个</b> 15
26	27 <b>1</b> 310	11 <b>光</b> 01	27×713	08&11	10ሙ36	07	25 X 30	17526	19 <b>17</b> 57	24&21	13℃28
27	27 <b>1</b> 33	11 € 27	27 <i>≯</i> 751	08&00	10№53	07	25 X 27	175314	20 <b>17</b> 46	24&17	13℃40
28	27 <b>1</b> 356	11 <del>X</del> 52	28🛪 29	07&49	11ጤ10	07&09	25 X 23	179302	21 <b>17</b> 36	24&13	13 <b>°</b> 53
29	28 <b>1</b> 319	12 <b>光</b> 18	29≯706	07&37	11ሙ27	06&59	25 II 19	16950	22 <b>11</b> 726	24&09	14 <b>个</b> 07
30	281343	12 <del>X</del> 44	29🛪 44	07&25	11ሙ44	06&49	25 II 16	16538	23MP17	24&04	14℃20
31	291305	13 € 10	00ฬ23	07&12	12ሙ01	06&38	25 II 12	16826	24MP08	23&59	14 <b>T</b> 34

#### Sappho Psyche Vesta Chiron Ophelia 011300 16%13 07&00 12 1 1 8 06 ඩ 26 25 II 08 01138 06 & 46 25 II 05 16%01 12瓜34

06 മ 03

05&51

05 25

04 230

04 ඩ 16

<u>04&01</u>

12M<sub>50</sub>

13007

13M39

13M55

14 0 4 1

14M<sub>57</sub>

15M-12

19师06

19 642

19M53

20M05

20M<sub>16</sub>

20M<sub>27</sub>

20M37

20 0 48

20M58

21008

21M28

21M37

21M46

21M55

22M04

22M13

22M21

22M29

22M36

22M44

22M51

22M58

23№04

23M-11

23M-17

23№23

Asteroids Ephemeris January 1988, 00:00:00, New York, New York, Longitude

25 II 01

24 II 58

24 II 54

24 II 50

24 II 47

24 II 44

24 II 40

24 II 37

24 II 34

24 II 30

23 II 45

23 II 43

23 II 40

23 II 38

23 II 36

23 II 34

23 II 32

23 II 30

23 II 28

23 II 26

23 II 25

23 II 23

23 II 21

23 II 20

23 II 19

23 II 17

23 II 16

23 II 15

23 II 14

23 **I** 13

23 II 12

23 X 11

23 II 10

23 II 09

23 II 09

23 II 08

23 II 08

 $23 \, \text{II} \, 07$ 

23 II 07

23 X 07

Chiron Ophelia

February 1988, 00:00:00, New York, New York, Longitude

15%48

15%36

15%23

15 % 11

14%58

14%45

14533

14%20

143607

13555

103554

105345

10936

10927

105619

109311

10503

09855

09%48

095342

09835

09829

09 23

09 25 18

09%13

09208

092604

09200

08\$56

08 25 3

08%51

08 25 48

08 23 46

085644

085643

08%42

085642

085642

08%42

085643

Amor

24M759

25MP51

26MP44

27MP37

28MP31

29MP25

00-20

01-15

02-211

03 - 08

04~05

05 - 03

21-56

23**~**05

24**-**214

25-25

Amor

26**~**36

27**-**47

29~00

00M13

01M<sub>26</sub>

02M40

03M55

05M10

06M26

07M42

08M58

10M<sub>15</sub>

11M33

12M51

14M<sub>0</sub>09

15M<sub>27</sub>

16ሙ46

18M<sub>05</sub>

19M<sub>2</sub>4

20M43

22M02

23M21

24M41

26M00

27M-19

28M38

**Astarte** 

<u>23ഹ53</u>

23 പ്ല 47

23 Ω 41

23ഹ34

23ഹ27

23& 19

23 ൂ 12

23ഹ03

22ഹു55

22&46

22 പ്ര36

<u>22പ്പ26</u>

19 ඩ 11

18ഹ 57

18 242

**18** *Ω* **28** 

Astarte

18 പ്ര 13

17<sub>Ω</sub>59

17 പ്ര 29

17<sub>Q</sub>15

17ു00

**16 Ω 45** 

16 230

16 പ്ര 15

16ു00

<u>15&46</u>

15 231

15 പ്ര 16

15 എ02

14 247

14 പ്ര 19

14എ05

13 എ 51

<u>13ഹു38</u>

13ഹ24

13 പ്പ

12 ഹ 58

12ഹ46

12£33

12&21

**Erato** 

14T48

15T03

15T17

15T32

15T47

16T03

16T19

16T35

16T51

17T07

17T24

17T41

22T40

23T00

23T21

23T41

Erato

24T02

24T23

24T44

25T06

25T27

25T49 26T10

26T32

26T54

27T16

27T38

28T01

28T23

28T46

29T08

29T31

29T54

00 g 17

00841

01804

01827

01851

02 8 15

02 <del>8</del> 38

03802

03 & 26

13	04≈10	19 <b>Ж</b> 05	08 <b>1</b> 29	<u>04&amp;01</u>	15M <sub>27</sub>	<u>03&amp;46</u>	<u>24 II 27</u>	<u> 13%42</u>	06 <b>≏</b> 01	<u>22&amp;16</u>	17介58
14	04≈34	19 <b>X</b> 33	09 <b>1</b> 706	<u>03&amp;45</u>	15№42	<u>03&amp;31</u>	<u>24 II 24</u>	<u> 13&amp;30</u>	07 <b>≏</b> 00	<u>22&amp;06</u>	18 <b>Υ</b> 15
15	04≈58	20 <b>X</b> 01	09 <b>V</b> 342	<u>03                                    </u>	15№57	<u>03                                    </u>	<u>24 II 21</u>	<u> 13 % 18</u>	00280	<u>21Ω55</u>	18Ƴ33
16	05≈21	20 <b>X</b> 30	10 <b>1</b> 319	<u>03                                    </u>	16ሙ11	03&00	<u>24 II 18</u>	<u> 13%06</u>	09 <b>-</b> 200	<u>21&amp;44</u>	18 <b>Υ</b> 51
17	05 <b>≈</b> 45	20 € 59	10 <b>1</b> 356	02 <i>&amp;</i> 55	16M <sub>2</sub> 6	02&45	24 II 15	<u>12%54</u>	10 <b>-</b> 201	<u>21Ω33</u>	19↑09
18	06 <b>≈</b> 08	21 <b>X</b> 28	11133	02ഹ38	16 <b>M</b> 40	02 გ 29	24 II 12	<u> 12%42</u>	11 <b>≏</b> 03	<u>21&amp;21</u>	19Ƴ27
19	06 <b>≈</b> 32	21 € 57	12 <b>1</b> 310	<u>02&amp;21</u>	16№54	<u>02                                    </u>	<u>24 II 09</u>	<u> 12%30</u>	12 <b>-2</b> 05	<u>21გ09</u>	19Ƴ45
20	06≈56	22 <b>¥</b> 26	12 <b>1</b> 346	<u>02&amp;04</u>	17M08	<u>01&amp;58</u>	<u>24 II 06</u>	<u> 12% 19</u>	13 <b>-2</b> 08	<u>20&amp;57</u>	20 1 0 4
21	07 <b>≈</b> 19	22 <b>X</b> 55	131323	<u>01&amp;48</u>	17M22	<u>01&amp;42</u>	<u>24 II 03</u>	<u> 12%07</u>	14 <b>≏</b> 12	<u>20 გ 45</u>	20℃23
22	07 <b>≈</b> 43	23 <b>X</b> 25	13 <b>1</b> 359	<u>01&amp;31</u>	17 <b>M</b> 35	<u>01&amp;26</u>	<u>24 II 00</u>	<u>11%56</u>	15 <b>≏</b> 16	<u>20ഹ32</u>	20Ƴ42
23	08 <b>≈</b> 07	23 <b>光</b> 54	14 <b>1</b> 36	<u>01&amp;14</u>	17ሙ49	<u>01                                    </u>	<u>23 II 58</u>	<u> 11%45</u>	16 <b>≏</b> 21	<u>20 ൂ 19</u>	21 <b>°</b> 01
24	08 <b>≈</b> 30	24 € 24	15 <b>1</b> 312	<u>00&amp;57</u>	18M02	<u>00                                   </u>	23 II 55	<u> 11%35</u>	17 <b>≏</b> 27	<u>20ഹ06</u>	21 1 21
25	08 <b>≈</b> 54	24 <b>光</b> 54	15 <b>1</b> 348	<u>00&amp;41</u>	18 <b>M</b> 15	<u>00ഹ38</u>	<u>23 II 52</u>	<u> 11%24</u>	18 <b>≏</b> 33	<u>19<i>დ</i>52</u>	21个40
26	09 <b>≈</b> 18	25 € 24	16 <b>1</b> 325	<u>00 ൂ 24</u>	18 <b>M</b> 28	<u>00 ൂ 22</u>	23 II 50	<u>11%14</u>	19 <b>-2</b> 40	<u>19ഹ39</u>	22Ƴ00
27	09 <b>≈</b> 41	25 <b>光</b> 54	17 <b>1</b> 301	<u>00മ08</u>	18ሙ41	<u>00ൂ06</u>	<u>23 II 47</u>	<u>11%04</u>	20 <b>-2</b> 47	<u>19                                    </u>	22 <b>~</b> 20

29350

29534

298 19

293604

Vesta

285649

28534

285 19

28504

27950

27536

27522

275609

26355

265642

<u> 26%30</u>

269317

262606

25 25 54

25**%**43

25 26 32

25 26 22

25 % 12

25%02

24853

24 25 44

24%36

24%28

24%21

24%14

245608

Day

2

3

4

5

6

7

8

9

10

11

12

28

29

30

31

1 2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

Day

10≈05

10≈29

10≈52

11 \$16

Ceres

11 \$\infty 40

12 203

12\27

12\$\$51

13≈14

13≈38

14≈02

14≈25

**14≈4**9

15≈13

15≈36

16≈00

16≈23

16≈47

17 11

17≈34

17≈58

18 21

18≈45

19≈08

19≈32

19≈55

20≈18

20×42

21≈05

21 28

Ceres

291329

291352

00 ≈ 16

00\$39

01 202

01\26

01 249

02 23

02\36

03 ≈ 00

03 23

03 \$ 47

Juno

13**X**36

14**X**03

14\£30

14**X**56

15**X**23

15\<del>X</del>50

16**X**18

16**X**45

 $17 \times 13$ 

17 **4** 0

18X08

18**X**36

26X24

26X54

27¥25

27 X 55

Juno

28¥26

28\*X*57

29X27

29X58

00T29

01T00

01T32

02T03

02T35

03T06

03T38

04T09

04T41

05T13

05T45

06T17

06T50

07T22

07T54

08T27

08T59

09T32

10T05

10**°**37

11T10

11T43

**Eros** 

02V\$16

02V\$53

03**1**31

04V308

04V346

05が23

06W00

06**13**7

07 vs 15

07が52

17137

18V\$13

18**1**349

19\footnote{25}

**Eros** 

20Vf01

20137

211312

211348

22V324

22V\$59

23V35

241311

24V346

25Vf21

25Vf57

26Vf32

27V307

27V343

28 V 318

28V\$53

29Vt27

00\\$03

00≈38

01 213

01 248

02\22

02

57

03≈32

04 206

04 241

06 බ 3 3

06 ൂ 19

06 205

 $05 \Omega 50$ 

05 235

05 Ω 20

05 205

04 249

04 Ω 33

<u>04&17</u>

29\$51

29335

29 % 19

29203

28 26 48

28 % 18

282603

275349

27534

279321

275607

26%54

265341

26%29

269317

262605

25%54

25%43

25533

25%23

25%13

25%04

24855

245647

24%39

24%32

24%25

24%19

24%13

Sappho Psyche

27	21≈52	12 <b>°</b> 16	05≈15	<u>24%07</u>	23№28	<u>24%02</u>	23 II 07	085344	29№57	<u>12Ω09</u>	03 8 50
28	22≈15	12749	05≈50	24802	231133	23356	23 II 07	08845	01316	<u>11Ω58</u>	04814
29	22 <b>≈</b> 38	13℃22	06 <b>≈</b> 24	23%58 March	23M38 1 <b>988</b> , 00:	23 <u>351</u> 00:00. Ne	23 II 07 w York, Ne	08 <b>%</b> 47 ew York. L	02≯34 onaitud	<u>11Ω46</u> e	04838
Day	Ceres	Juno	Eros S		Psyche	Vesta	Chiron (			Astarte	Erato
1	23≈01	13介56	06≈59	23554	23№43	235346	23 II 07	08\$49	03≯753	11ى35	05 g 03
2	23≈25	14Ƴ29	07 <b>≈</b> 33	23950	23№47	235342	23 🗷 07	08\$52	05≯10	<u>11∂25</u>	05 <del>8</del> 27
3	23 <b>≈</b> 48	15 <b>个</b> 02	08 <b>≈</b> 07	<u>235647</u>	23№51	<u>23&amp;39</u>	23 <b>I</b> 07	08&55	06≯728	<u>11Ω14</u>	05 წ 52
4	24≈11	15Ƴ36	08 <b>≈</b> 42	<u>23&amp;44</u>	23№55	<u>23&amp;35</u>	23 <b>I</b> 08	08&58	07≯745	<u>11ญ04</u>	06 ႘ 16
5	24≈34	16 <b>~</b> 09	09≈16	23542	231159	23 % 33	23 11 08	09802	09×702	<u>10Ω55</u>	06 8 41
6	24≈57	16 <b>Y</b> 43	09≈50	23 <b>S</b> 40	24M·02	23 <u>5</u> 30	23 11 09	09806	10718	<u>10Ω45</u>	07 8 05
7 8	25 <b>≈</b> 20 25 <b>≈</b> 43	17 <b>↑</b> 16 17 <b>↑</b> 50	10 <b>≈</b> 24	23 <u>\$39</u> 23 <u>\$38</u>	24M 07	23 <u>\$29</u>	23 II 09	09&10 09&15	11≯³34 12⊁³49	<u>10Ω37</u>	07 8 30
9	25≈43 26≈06	17 T 30 18 T 24	10 <b>≈</b> 58 11 <b>≈</b> 32	23 23 37	24M <sub>0</sub> 7 24M <sub>10</sub>	23 <u>\$27</u> 23 <u>\$26</u>	23 II 10 23 II 11	09820	14703	<u>10എ28</u> 10എ20	07 & 55 08 & 20
10	26 <b>≈</b> 29	18 T 58	12 <b>≈</b> 06	23\&37	24MJ2	23 % 26	23 X 11	09825	15×717	<u>10 Ω 20</u>	08 8 45
11	26 <b>≈</b> 52	19↑32	12≈40	23538	24M·13	23 % 26	23 II 12	09831	167131	<u>10Ω04</u>	09 8 10
12	27≈15	20℃06	13≈13	23538	24M·14	23%27	23 II 14	09837	17×743	09&57	09 8 35
13	27≈37	20介40	13≈47	235340	24№16	23528	23 II 15	09843	18≯755	09 251	10800
14	28 <b>≈</b> 00	21介14	14≈21	235341	24ሙ16	23&29	23 🛚 16	09&50	20≯706	09&44	10 წ 26
15	28 <b>≈</b> 23	21Ƴ48	14≈55	235643	24M·17	23%31	23 II 17	09\$57	21🖈 17	<u>09                                    </u>	10 8 51
16	28≈45	22 722	15≈28	23546	24M-17	23533	23 II 18	10504	227 27	<u>09                                    </u>	11 8 16
17	29≈08	22 <b>T</b> 56	16 <b>≈</b> 02	23%49	24M 16	23 \$36	23 II 20	10512	23735	<u>09                                    </u>	11842
18	29 <b>≈</b> 30	23 <b>T</b> 30	16 <b>≈</b> 35	23552	24M 16	23 5 43	23 II 21	10820	24×743	<u>09Ω23</u>	12807
19 <b>20</b>	29 <b>≈</b> 53 00 <b>±</b> 16	24 <sup>°</sup> 05 24 <sup>°</sup> 39	17 <b>≈</b> 09	23\square 24\square 00	24\mathbb{M}15 24\mathbb{M}13	23 <b>S</b> 43	23 II 23 23 II 24	10\S28 10\S37	25≯751 26≯757	<u>09പ്പ 19</u> 09പ്പ 15	12 8 33 12 8 59
21	00X10	25 <sup>1</sup> 14	18≈16	24300	24M·12	23951	23 11 26	10337	28702	<u>09</u>	13 8 24
22	01¥00	25 T 48	18≈49	24809	24M·10	23556	23 II 28	10355	293706	09 დ 08	13 8 50
23	01 <b></b> €23	26↑23	19≈22	24%14	24M <sub>0</sub> 08	24%01	23 II 30	11504	00V310	09 გ 05	14 8 16
24	01 <b></b> ¥45	26介57	19 <b>≈</b> 56	24%20	24M <sub>05</sub>	24%07	23 II 32	11%14	01/ช13	09&03	14 8 42
25	02¥07	27Ƴ32	20≈29	24%26	24M02	24%13	23 🛚 34	11%24	02/ช 15	09&01	15 <del>8</del> 08
26	02 <b>¥</b> 29	28Ƴ06	21≈02	24532	<u>23№59</u>	24% 19	23 <b>I</b> 36	11935	03ฬ 16	<u>08ഹ 59</u>	15 g 34
27	02 <del>¥</del> 51	28Ƴ41	21≈35	24539	23M55	24526	23 II 38	119345	04V316	<u>08Ω58</u>	16 8 00
28	03¥13	29 <b>1</b> 5	22≈08	245646	23M·52	24%34	23 II 40	11956	05V315	<u>08Ω57</u>	16 8 26
29 30	03¥35	29\Upsilon50 00 & 26	22≈41	24\&54 25\&01	23M47	24%41 24%49	23 II 43	12%07 12%19	06V\$13 07V\$10	<u>08<i>Q</i> 57</u>	16 8 52
31	03¥57 04¥19	01800	23 <b>≈</b> 14 23 <b>≈</b> 47	25%01	23\(\mathbb{6}\)43 23\(\mathbb{6}\)38	24 % 49	23 II 45 23 II 48	128 19	07V310	08 <i>Q</i> 57 08 <i>Q</i> 57	17 8 18 17 8 44
J1	077C13	01000	20141				v York, Ne				17 0 -1-4
Day	Ceres	Juno	Eros S		Psyche	Vesta	Chiron (	Ophelia	Amor	Astarte	Erato
1	04⊛41	01 8 35	24≈19	25%18	<u>23№33</u>	25%06	23 <b>I</b> 50	125642	09ฬ02	08ഹ58	18 ୪ 10
2	05₩03	02 8 10	24≈52	25%26	23M27	25%15	23 II 53	12955	09V\$56	08 ე 59	18 8 36
*3	05 <b>¥</b> 23	02844	25≈24	25 % 35	23M22	25 % 25	23 1 55	13507	10/348	09&01	19802
4	05¥45	03 8 19	25 <b>≈</b> 56	25%44	23M 10	25 \$ 34	23 II 58	13519	11/340	09 დ 03	19 8 28
5 6	06¥06 06¥28	03 8 54 04 8 29	26 <b>≈</b> 29 27 <b>≈</b> 02	25 <b>%</b> 54 26 <b>%</b> 04	23\ldots10 23\ldots03	25 <b>%</b> 44 25 <b>%</b> 55	24 II 01 24 II 04	13%32 13%45	12132 13132	09&05 09&07	19 8 54 20 8 21
7	06 <del>X</del> 28	04 0 29 05 8 04	27≈02 27≈34	265614	22M56	26306	24 II 04 24 II 07	13859	14/312	09&10	20821
8	07 <del>X</del> 11	05 8 39	28 <b>≈</b> 07	26%25	22M49	26%17	24 II 10	14%12	15/301	09Ω14	21 8 13
9	07€32	06 <del>8</del> 14	28≈39	26%35	22M-41	26%28	24 II 13	14%26	15/349	09Ω17	21840
10	07 <del>¥</del> 53	06 <del>8</del> 50	29 <b>≈</b> 11	269346	<u>22₩33</u>	265340	24 II 16	149340	16 <b>1</b> 36	09&21	22 8 06
11	08発14	07 წ 25	29 <b>≈</b> 43	26%58	<u>22₩25</u>	26%52	24 II 19	14%55	17/321	09 გ 26	22 8 33
12	08₩35	08 8 00	00発16	27509	<u>22M17</u>	279305	24 11 22	15%09	181306	09ഹ31	23 8 00
13	08¥56	08 8 36	00 € 48	27821	22M-08	279517	24 11 26	15%24	181/150	09 ე 36	23 8 26
14	09¥17	09 8 11	01 <b>€</b> 21	27933	21M 50	27930	24 Π 29	15839	19/333	09Ω41	23 8 53
15	09¥38	09 8 46	01¥53	279546	21M-50	279544	24 II 32	15954	201315	09 ე 47	24 8 19
16 17	09¥59 10¥19	10 8 22 10 8 57	02¥25 02¥57	27\\$58 28\\$11	21M41 21M31	27 <b>S</b> 57 28 <b>S</b> 11	24 II 36 24 II 40	16%10 16%25	20\f36	09 <i>&amp;</i> 53	24 8 46 25 8 13
18	10 <del>X</del> 19	11833	02 <del>X</del> 37	28%24	21M21	28325	24 II 43	16%41	22V\$15	10Ω06	25 8 39
19	11¥00	12808	04¥01	28 % 38	21M·11	28%40	24 II 47	16957	22V\$53	10Ω13	26 8 06
20	11€21	12844	04€33	28551	21M01	28554	24 II 51	179313	23130	10 $\Omega$ 20	26 8 33
21	11 € 41	13 8 19	05₩04	29805	<u>20№50</u>	29309	24 II 54	17829	24/307	10ഹ28	27 8 00
22	12₩01	13 <del>8</del> 55	05₩36	29%19	<u>20₩39</u>	29324	24 II 58	175346	241342	10ഹ36	27 <del>8</del> 26
23	12₩21	14 8 30	80€60	29\$33	<u>20№29</u>	29%40	25 II 02	18303	25 <b>1</b> 316	10Ω44	27 <del>8</del> 53
24	12 <b>X</b> 41	15 8 06	06 € 40	295347	20M17	29355	25 II 06	18819	25/349	10 $\Omega$ 53	28 8 20
25	13¥01	15841	07 <b></b> €11	00&03	20M-06	00Ω12	25 II 10	18937	26/321	11Ω02	28 8 47
26	13 € 21	16 <del>8</del> 17	07 € 43	00പ്പ18	<u>19M55</u>	00ഹ28	25 II 14	18&54	26Vt52	11Ձ11	29 <del>8</del> 13

27	13 <b>光</b> 40	16 <del>8</del> 53	08 <b></b>	00&33	<u>19M43</u>	00ഹ44	25 II 18	199311	271323	11 ე 20	29 8 40
28	14₩00	17 <del>8</del> 28	08発46	00&48	<u>19M32</u>	01&01	25 II 23	19829	27 <b>1</b> 352	11ഹ30	80 II 00
29	14 € 20	18804	09升17	01굁03	<u>19M20</u>	01	25 II 27	19\$346	281320	11ᡚ40	00 II 34
30	14 <b>光</b> 39	18 8 40	09⊛49	01&19	<u>19M08</u>	01굁35	25 II 31	205004	28 <b>V</b> 348	11Ձ50	01 II 01
						*/\	T starts				
				May 1	<b>988</b> . 00:0	<i>دط</i> 0:00. New	<i>r starts</i> <i>r</i> York, Ne	w York. La	onaitude	!	
Day	Ceres	Juno	Eros S				Chiron (			Astarte	Erato
1 1	14¥58	19815	10¥20	01 <sub>Q</sub> 35	18M-56	01&53	25 II 35	20822	291313	12Ω01	01 II 28
2	15 <b>光</b> 17	19851	10¥51	01&51	18M-44	02&10	25 II 40	209341	29139	12Ω11	01 II 55
3	15₩37	20 8 27	11€22	02&07	18M32	02&28	25 II 44	20859	00≈03	12Ω22	02 11 22
4	15 <b>光</b> 55	21802	11 <b>光</b> 54	02&24	18 <b>ル</b> 19	02&46	25 II 49	21%17	00≈27	12ᡚ34	02 II 49
5	16 € 14	21 8 38	12 <b></b>	02&40	<u>18₩07</u>	03紀04	25 II 53	21536	00≈49	12&45	03 II 16
6	16 <b>¥</b> 33	22 8 14	12 <b>光</b> 56	02&57	<u>17M55</u>	03 <i>&amp;</i> 23	25 II 58	21%55	01≈10	12&57	03 II 43
7	16 € 52	22 8 49	13 <b>光</b> 27	03&14	<u>17M42</u>	03&41	26 II 02	225314	01≈31	13굁09	04 II 10
8	17 <b>光</b> 10	23 8 25	13 <b>X</b> 58	03&31	<u>17M30</u>	04&00	26 II 07	22533	01≈50	13&21	04 II 37
9	17 <b>¥</b> 29	24801	14∺28	03&48	<u>17ሙ18</u>	04 <i>&amp;</i> 19	26 II 12	22852	02≈08	13&34	05 II 04
10	17 <b></b> €47	24837	14 <b>光</b> 59	04&05	<u>17M05</u>	04 ე 39	26 II 16	23%11	02≈25	13Ω46	05 X 31
11	18 € 05	25 8 13	15¥30	04Ω23	16M-53	04 ე 58	26 II 21	23531	02≈41	13Ω59	05 II 58
12	18¥23	25 8 48	16¥01	04Ω41	16M40	05 ຄ 18	26 II 26	23550	02≈57	14Ω13	06 II 25
13	18¥41	26 8 24	16 <b></b> €31	04Ω58	16M28	05&37	26 II 31	24%10	03≈11	14&26	06 II 51
14 15	18¥59 19¥16	27 8 00 27 8 36	17¥02 17¥33	05Ω16	16M·16 16M·04	05 <i>Ω</i> 57	26 II 36 26 II 40	24\\$30 24\\$50	03 <b>≈</b> 23 03 <b>≈</b> 35	14&40 14&53	07 II 18
16	19 <del>X</del> 10	28 8 11	18¥03	05&34 05&53	15M-51	06&18 06&38	26 II 45	25%10	03≈35	15&08	07 II 43 08 II 12
17	19 <del>X</del> 54	28847	18 <b>¥</b> 33	05 <sub>0</sub> 235	15M39	06 <sub>Ω</sub> 58	26 II 50	25%30	03≈56	15&22	08 II 39
18	20¥08	29 8 22	19¥04	06&30	15M27	07 <i>Q</i> 19	26 II 55	25%51	04≈04	15&22 15&36	09 11 06
19	20¥26	29 8 58	19 <b>X</b> 34	06Ω48	15M-16	07 Ω 40	27 II 00	26%11	04≈12	15Ω51	09 II 33
20	20¥42	00 II 35	20 € 04	07Ω07	15M-04	08എ01	27 II 05	26532	04≈18	16Ω06	10 II 00
21	20¥59	01 II 10	20 € 34	07&26	14M-52	08&22	27 II 11	26952	04≈23	16Ω21	10 II 27
22	21 <b>光</b> 16	01 II 46	21 € 04	07 245	14M41	08Ω44	27 II 16	275313	04≈28	16Ω36	10 II 54
23	21 <b></b>	02 II 22	21 <b>光</b> 34	08&04	<u>14M30</u>	09 ඩ 05	27 II 21	27534	04≈31	16 $_{\Omega}$ 52	11 X 21
24	21 € 49	02 <b>I</b> 58	22 <b>X</b> 04	08&23	<u>14M·19</u>	09പ്പ27	27 II 26	27955	04≈33	17ᡚ07	11 II 48
25	22 <b>¥</b> 05	03 X 33	22 <b>X</b> 34	08&43	<u>14M08</u>	09&48	27 II 31	285316	04≈34	17 ე 23	12 II 15
26	22 <b>¥</b> 21	04 II 09	23 € 04	09გ02	<u>13M57</u>	10ഹ 10	27 <b>I</b> I 36	28\$37	<u>04≈33</u>	17ഹ39	12 II 42
27	22₩37	04 II 45	23 <b>¥</b> 34	09&22	<u>13M46</u>	10 ე 32	27 II 42	28859	<u>04≈32</u>	17Ω55	13 II 09
28	22¥52	05 II 20	24 € 04	09&42	<u>13M36</u>	10Ω55	27 II 47	29820	<u>04≈30</u>	18Ω12	13 X 36
29	23 € 08	05 II 56	24¥33	10Ω02	13M-26	11&17	27 II 52	29841	<u>04≈27</u>	18Ω28	14 II 02
30	23¥23	06 II 32	25¥03	10Ω21	13M-16	11Ω40	27 II 58	00 დ 03	04×22	18 Ω 45	14 II 29
31	23 € 39	07 II 08	25∺32	10ብ42 June 1	13M06	128202 00:00 Nev	28 II 03 v York, Ne	w York I	<u>04≈17</u> ongitude	19Ձ02	14 II 56
Day	Ceres	Juno	Eros S		Psyche	· · · · · · · · · · · · · · · · · · ·	Chiron (			Astarte	Erato
1	23¥54	07 II 43	26¥02	11 <sub>Ω</sub> 02	12M57	12 <sub>Ω</sub> 25	28 11 08	00&47	04≈10	19 $\Omega$ 19	15 II 23
2	24¥08	08 II 19	26¥31	11Ω22	12M48	12 ຄ 48	28 II 14	01Ω09	04 <del>≈</del> 03	19Ω36	15 X 50
3	24¥23	08 II 54	27¥00	11Ω42	12M39	13Ω11	28 II 19	01Ω31	03 <b>≈</b> 54	19Ω53	16 II 17
4	24¥38	09 II 30	27 <b></b> €29	12&03	12M30	13 ᡚ 34	28 II 25	01&53	03 <b>≈</b> 44	20Ω11	16 II 43
5	24¥52	10 II 06	27 <b>¥</b> 58	12Ω23	<u>12M-21</u>	13 $_{\Omega}$ 57	28 II 30	02&15	03≈34	20 გ 28	17 II 10
6	25 <b>¥</b> 06	10 X 41	28¥28	12&44	<u>12M·13</u>	14ഹ21	28 <b>I</b> I 35	02&37	03≈22	20&46	17 X 37
7	25 <b>¥</b> 20	11 X 17	28 <b>光</b> 57	13െ04	<u>12M05</u>	14ଯ44	28 🛚 41	02&59	<u>03≈10</u>	21굁04	18 X 04
8	25₩34	11 🛚 52	29₩25	13ഹ25	<u>11M58</u>	15ഹ08	28 <b>I</b> I 46	03&22	<u>02≈56</u>	21გ22	18 II 30
9	25 <b></b> ¥47	12 II 28	29€54	13&46	11M50	15ん32	28 II 52	03&44	<u>02≈42</u>	21&40	18 II 57
10	26 € 01	13 X 03	00T23	14ᡚ07	11M43	15£56	28 II 57	04&07	<u>02≈26</u>	21&59	19 II 24
11	26¥14	13 II 39	00T52	14Ω28	11M36	16Ω20	29 11 02	04Ω29	<u>02≈10</u>	22 Ω 17	19 II 50
12	26 € 27	14 II 14	01120	14Ω49	11M30	16Ω44	29 II 08	04Ω52	<u>01≈53</u>	22&36	20 II 17
13	26¥39	14 II 50	01 <b>°</b> 49	15Ω10	11M24	17Ω08	29 II 14	05Ω15	<u>01≈35</u>	22&54	20 II 44
14 15	26¥52 27¥04	15 II 25 16 II 01	02 <b>1</b> 7 02 <b>1</b> 45	15Ω32	11M·18	17Ω32	29 II 19 29 II 25	05 ე 38	<u>01≈16</u>	23 0 33	21 II 10 21 II 37
16	27 ¥04 27 ¥16	16 X 36	02 T 45 03 T 13	15 <i>Q</i> 53 16 <i>Q</i> 15	<u>11ሙ12</u> 11ሙ07	17ഹ257 18ഹ21	29 II 25	06&01 06&24	00≈57 00≈37	23£32 23£52	21 II 37 22 II 04
17	27 <del>X</del> 10	17 II 12	03 T 13	16Ω36	11M02	18ብ46	29 II 36	06 გ 47	00≈37 00≈16	24&11	22 II 30
18	27 <del>X</del> 20	17 X 12	03 T 42 04 T 10	16Ω58	10M58	100/40 19Ω11	29 II 41	008/47 07ඩ 10	29V\$54	24&30	22 II 57
19	27¥51	18 II 22	04 <sup>1</sup> 10	17Ω19	10M53	19 $\Omega$ 36	29 11 47	07 Ω 33	29/32	24£50	23 11 23
20	28¥02	18 II 58	05℃05	17Ω41	10M-49	20ည01	29 II 53	07 Ω 56	29V309	25Ω10	23 II 50
21	28¥13	19 II 33	05℃33	18໓03	10M-46	20 ඩ 26	29 II 58	08&20	28V\$47	25 Ω 29	24 II 16
22	28¥24	20 II 08	06℃01	18 ໓ 25	10M-42	20ഹ51	00304	08 ည 43	28V323	25Ω49	24 II 43
23	28¥34	20 🛚 43	06℃28	18 ໓ 47	10M39	21&16	00%10	09&06	27V\$59	26&09	25 II 09
							=				

24	28 <b></b> ¥45	21 II 18	06 <b>T</b> 55	19ഹ09	<u>10M37</u>	21&41	00%15	09&30	<u>271/35</u>	26പ്പ29	25 <b>I</b> 35
25	28¥55	21 <b>I</b> 53	07℃23	19ഹ31	<u>101634</u>	22&07	00%21	09ഹട3	<u>271311</u>	26ഹ50	26 II 02
26	29 € 04	22 II 29	07介50	19ഹ53	<u>10M32</u>	22&32	00\$27	10 ൂ 17	26V346	27&10	26 II 28
27	29 <b>X</b> 13	23 <b>I</b> I 04	08介17	20ഹ 15	<u>10M31</u>	22 <i>Q</i> 58	00\$32	10&41	<u>261321</u>	27 ე 30	26 II 54
28	29€22	23 II 39	08Ƴ44	20 გ 37	<u>10M29</u>	23∂24	00238	11ᡚ04	25V\$56	27&51	27 II 21
29	29 € 31	24 II 14	09 <b>↑</b> 11	21&00	10M28	23&50	00543	11Ω28	25V131	28&12	27 II 47
30	29 € 40	24 II 49	09Ƴ37	21 <sub>Ω</sub> 22	101127	24Ω15 0:00 Nov	00%349 / York, Ne	11Ω52	25/306	28£32	28 II 13
Day	Ceres	Juno	Eros \$		Psyche		Chiron (		_	Astarte	Erato
Day 1	29¥48	25 II 24	10°C4	21 <sub>Ω</sub> 44	10M <sub>2</sub> 7	24 <sub>Ω</sub> 41	00355	12 <sub>Ω</sub> 16	24/341	28Ω53	28 II 39
2	29 <del>¥</del> 57	25 II 58	10 T 04	22Ω07	10M27	25Ω07	01800	12Ω40	24V316	29Ω14	29 11 05
3	00T05	26 II 33	10 T 5 T	22Ω29	1011027	25Ω34	01806	13Ω04	231351	29Ω35	29 II 31
4	00 T 13	27 II 08	11 <sup>2</sup> 3	22&52	10M28	26 200	019311	13 $\Omega$ 28	23V326	29 <sub>\$\Omega\$</sub> 56	29 II 57
5	00℃20	27 II 43	11Ƴ49	23&15	10№29	26 ඩ 26	019317	13&52	231301	00 <b>m</b> 18	00%23
6	00℃27	28 X 18	12 <b>°</b> 15	23 ე 37	10M30	26	01%22	14 $\Omega$ 16	22V\$37	0011739	00%49
7	00Ƴ34	28 <b>I</b> 52	12 <b>°</b> 41	24&00	10ሙ31	27 ඩ 19	01%28	14 ହ 40	22Vt13	0111701	01%15
8	00Ƴ40	29 <b>I</b> 26	13Ƴ07	24&23	10M33	27 ᡚ 46	01533	15&05	21 <b>1</b> 349	011122	015341
9	00℃46	00\$02	13Ƴ32	24&45	10M35	28ൂ 12	01539	15 ე 29	211/126	0111744	02307
10	00℃52	00236	13 <b>T</b> 58	25굁08	10ሙ38	28ഹ39	015644	15 <i>&amp;</i> 53	21V103	0211706	02333
11	00介57	019311	14℃23	25굁31	101040	29ഹ05	01%50	16ഹ 18	<u>201340</u>	021127	02359
12	01 <b>T</b> 03	019345	14Ƴ48	25⊋54	101\psi43	29ഹ32	01355	16ഹ42	<u>2013 18</u>	0211749	03\$25
13	01↑07	02820	15介13	26 ე 17	101047	29&59	02501	17ᡚ06	<u>191356</u>	031171	03850
14	01112	02854	15 <b>~</b> 38	26&40	101050	00M27	02806	17Ω31	19V335	0311734	049316
15	01116	03828	16 <b>°</b> 02	27 <sub>Ω</sub> 03	101054	00MP54	029311	17Ω56	19V314	031756	04%42
16	01720	04803	16 <b>°</b> 27	27 Ω 26	101058	0111121	029317	18Ω20	18V\$54	0411718	05907
17	01724	04837	16 <b>T</b> 51	27 Ω 50	111103	0111748	02822	18 Ω 45	18V335	0411740	05%33
18	01 <b>T</b> 27	05%11 05%45	17 <b>↑</b> 15	28Ω13	11ሙ08 11ሙ13	0211715	02\$27	19Ω09	18/316	05MP03	05358
19 20	01T30 01T32	06%19	18 T 03	28£36 28£59	11M 18	02MP43	02 <b>%</b> 33	19£34 19£59	171358 171340	05MP25 05MP48	06 <b>%</b> 24 06 <b>%</b> 49
21	01 T 32	06853	18 T 03	29 <sub>Ω</sub> 22	1111618	0311710	02330	20 Ω 24	17 <i>V</i> 340	06MP10	073649
22	01T37	07827	18 <b>~</b> 49	29 Ω 46	1111024	0411705	02\$48	20 Ω 48	17 <i>V</i> 323	06M233	07 % 13
23	01T38	08801	19 <sup>1</sup> 12	000009	11M-36	0411733	02\$54	21Ω13	16V352	06M256	08305
24	01739	08\$35	19 <b>T</b> 35	0011133	1111043	05MP00	02359	21238	16V337	07119	08230
25	01740	09209	19介58	00M756	111149	05M28	03504	22&03	16V323	0711742	08356
26	01 <b>°</b> 41	09843	20 <b>T</b> 21	011120	11№56	05 <b>m</b> /56	03&09	22&28	16 <b>1</b> 310	0811705	09\$21
27	<u>01~41</u>	109316	20Ƴ43	0111743	12M <sub>0</sub> 4	06 <b>m</b> 24	035314	22&53	15V\$57	0811728	09\$346
28	<u>01个41</u>	10%50	21个05	02 <b>11</b> 707	12 <b>I</b> 11	06 <b>m</b> 52	03&19	23പ്പ18	<u>151345</u>	081751	102611
29	<u>01Ƴ40</u>	11524	21↑27	0211730	12 <b>\</b> \19	07 <b>1</b> 920	03\$24	23ഹ43	<u>151334</u>	09 <b>11</b>	10336
30	<u>01٣39</u>	11957	21Ƴ48	02 <b>m</b> /54	12 <b>1</b> 27	07 <b>1</b> 948	03\$29	24ഹ08	<u>151324</u>	09 <b>11</b> 738	113601
31	<u>01 T38</u>	12531	22 <b>T</b> 09	031718	12M35	081716	03534	24&33	15/314	1011701	11326
Davi	0	lua a					w York, N				Funda
Day	Ceres 01 T 36	<b>Juno</b> 13304		Sappho 03MP41		Vesta 08MP44	Chiron (			Astarte	Erato
1 2	01 T 36 01 T 34	13804	22 $\Upsilon$ 31 22 $\Upsilon$ 51	0411705	12\mathbb{M}44 12\mathbb{M}53	0911744	03 <b>\$</b> 39	24£058 25£023	151305 141356	10MP24 10MP48	11%50 12%15
3	01 T 34 01 T 32	14%11	23 <sup>1</sup> 12	0411703	13M·02	0911/12	03344	25 <sub>Ω</sub> 48	14V349	11111111	12340
4	<u>01132</u> 01129	14%44	23 T 12	04M752	13MJ11	1011709	03954	26 <i>Q</i> 13	14V343 14V342	1111735	13304
5	<u>01125</u> 01126	15%17	23 <sup>7</sup> 52	05MP16	13M-21	1011/37	03\$58	26 <i>Q</i> 38	14V\$35	1111759	13529
6	<u>01723</u>	15950	24 <b>T</b> 12	05MP40	13M30	1111706	04203	27 <sub>Ω</sub> 04	14V\$30	121122	13553
7	<u>01119</u>	16%23	24Ƴ31	06MP04	13M-40	1117734	04%08	27 & 29	14V325	121746	14%18
8	<u>01个15</u>	16956	24介50	06 <b>m</b> 28	13 <b>‰</b> 51	1211703	049312	27Ω54	14V320	1311/210	143642
9	<u>01<math>\Upsilon</math>11</u>	17829	25Ƴ09	06M751	14M <sub>0</sub> 1	121732	049317	28 ົ 19	14V316	1311734	15%07
10	<u>01706</u>	18502	25℃28	07 <b>M</b> 215	14ሙ12	131700	04%22	28ഹ45	<u>141313</u>	1311758	15%31
11	<u>01700</u>	18\$35	25Ƴ46	07 <b>17</b> 39	14№23	131729	04%26	29ഹ09	<u>14/311</u>	1411722	15%55
12	<u>00T55</u>	19307	26℃03	0811903	14ጤ34	131758	04%31	29ഹ35	<u>141309</u>	14 <b>17</b> 46	16%19
13	<u>00↑49</u>	19840	26↑21	08MP27	141145	141726	04%35	00MP01	14V\$08	15MP10	16%43
14	<u>00 ↑ 43</u>	209512	26 ↑ 38	081751	14M-57	141755	04939	00M26	14V307	151735	17907
15	00 T 36	209345	26 <b>T</b> 55	09M715	15M·08	151724	045344	00M751	14/307	151759	17931
16	<u>00↑29</u>	219517	27 <b>T</b> 11	091739	15M·20	151753	04948	0111717	14/308	161723	179555
17	<u>00↑22</u>	21850	27 <b>T</b> 27	1011703	15M33	16MP22	04952	0111742	14/309	161748	18%19
18	00 T 14	22822	27 <b>°</b> 42	101727	15M45	16M751	04957	0211708	14/311	17MP12	18542
19	00 T 06	22554	27 <b>T</b> 57	101751	15M-57	17MP20	05801	0211733	14V313	17MP36	19306
20 <b>21</b>	29 <del>¥57</del> 29 <del>¥4</del> 9	23\S26 23\S58	28 <b>T</b> 12	11M715 11M739	16\mathbb{M}10	17M750 18M719	05%05 05%09	02M758 03M724	14V\$16 14V\$20	18MP01 18MP26	19 <b>3</b> 30
22	29 <del>X</del> 49 29 <del>X</del> 40	24%30	28 T 40	1211703	16M-36	1811/19	05%13	0311/24	14/320	1811/20	20%16
	<u>237(40</u>	<u>۲</u> + ۵۵0	ZU 1 4U	12117 03	1011030	10117 40	000013	UJIII 49	141774	10117 00	20010

23	<u>29₩31</u>	25%02	28 <b>T</b> 53	12 <b>M</b> 27	16ጤ50	19 <b>M</b> 217	05%17	04M715	141328	1911/15	20%40
24	<u>29₩21</u>	25%33	29 <b>T</b> 06	12MP51	17 <b>‰</b> 03	19 <b>17</b> 47	05%21	04MP40	14133	191740	213603
25	29 <b></b> 升1	26%05	29介18	13 <b>M</b> 216	17 <b>1</b> 017	20 <b>m</b> 16	05\$25	05MP06	14138	20MP04	21526
26	29 € 01	26537	29Ƴ30	131740	17ሙ31	20MP45	05%28	05MP31	141344	20 <b>11</b> 29	219349
27	28¥51	273608	29Ƴ41	14MP04	17 <b>‰</b> 45	21MP15	05%32	05M257	141351	20M254	225312
28	<del>28</del> ¥41	27539	29 <b>T</b> 52	141728	17 <b>‰</b> 59	2117744	05%36	06MP22	141357	2111719	22535
29	28¥30	28%11	00 g 03	141752	18ጤ13	22MP14	05&39	06 <b>M</b> 748	15 <b>1</b> 305	2111744	22358
30	28 <b></b> € 19	28%42	00 X 13	15 <b>M</b> 216	18 <b>‰</b> 28	22MP43	05%43	07 <b>m</b> 213	15 <b>1</b> 312	2211709	23820
31	<u>28</u> ¥07	29%13	00 B 22	15MP40	18M-43	2311713	05%46	0711739	151320	2211734	23%43
01	20701	20 0 10					New York				20 0 10
Day	Ceres	Juno	Eros S	Sappho	Psyche	Vesta	Chiron (	Ophelia	Amor	Astarte	Erato
1	<u>27¥56</u>	29%44	00 X 31	16 <b>17</b> 05	18 <b>M</b> 58	231743	05%50	08 <b>m</b> 04	15 <b>1</b> 329	22 <b>m</b> 59	24306
2	<u>27 € 44</u>	00ഹ 15	00 g 39	16 <b>M</b> 29	19ጤ13	24MP12	05&53	08 <b>m</b> 30	15 <b>1</b> 38	2311724	24%28
3	<u>27 €32</u>	00&46	00 ႘ 46	16 <b>m</b> /53	19№28	24MP42	05%56	08 <b>m</b> /55	15 <b>1</b> 347	23 <b>M</b> 249	24350
4	27¥20	01&17	00 <del>8</del> 53	17MP17	19ሙ43	25MP12	06200	0911/21	15 <b>1</b> 357	24MP14	25%13
5	<del>27</del> ¥07	01&47	00 წ 59	17MP41	19 <b>‰</b> 59	25MP42	06203	09 <b>m</b> 246	16V307	24MP40	25%35
6	<del>26</del> ¥55	02	01805	18 <b>1</b> 706	20№14	26 <b>m</b> 12	062806	10112	16 <b>1</b> 317	25MP05	25%57
7	26¥42	02&48	01810	181730	20№30	26MP41	06200	1011737	16V328	25M230	26%19
8	26 <b></b> €29	03&19	01814	181754	2011046	27MP11	06%12	1111703	16 <b>1</b> 39	25M256	26%41
9	26 <b></b> €16	03&49	01817	191718	21M02	27M741	06%15	1111728	16/350	26MP21	279602
10	26¥03	03 <sub>0</sub> 2 <sub>49</sub>	01820	1917/10	21MJ9	28M711	06%18	1111754	17/302	26MP46	27 % 24
11	25\(\frac{25\(\frac{1}{3}\)}{25\(\frac{1}{3}\)	04 <sub>Ω</sub> 49	01822	201707	21M35	28MP41	06%21	1211719	17/302	27MP12	27 % 45
12	25 <del>€30</del> 25 <del>€37</del>	040/49	01823	20MP31	21M52	29MP11	06321	1211/19	17/314	27MP37	28307
		05&19 05&49			2111652 22M08					28MP03	28%28
13	<u>25¥23</u>	_	01824	201755		291741	06826	1317711	17\f39		
14	<u>25¥10</u>	06 ე 19	01824	2117719	221125	00-212	06%29	131736	171353	281728	28%49
15	24 <u>¥57</u>	06&48	01822	2117744	22/10/42	00 <b>-</b> 42	06%31	141701	181306	281754	29%10
16	<u>24¥43</u>	07	<u>01821</u>	22 <b>m</b> 08	22№59	01 <b>≏</b> 12	06833	141727	18 <b>1</b> 320	2911/19	29531
17	<u>24₩30</u>	07&47	<u>01 8 18</u>	22 <b>m</b> 32	23№16	01 <b>-</b> 42	06&36	141752	18 <b>1</b> 33	29MP45	29\$52
18	<u>24 € 16</u>	08&16	<u>01814</u>	22 <b>m</b> /56	23№34	02-13	06838	15M718	18 <b>1</b> 348	00 <b>≏</b> 11	00പ്പ3
19	<u>24₩03</u>	08ഹ46	<u>01 8 10</u>	23 <b>m</b> 20	23M51	02 <b>-</b> 43	06%40	15MP43	191302	00 <b>≏</b> 37	00&33
20	<u>23¥49</u>	09പ്പ 15	<u>01805</u>	23MP45	24M <sub>0</sub> 9	03 <b>△</b> 13	06%42	16 <b>m</b> /09	19 <b>v</b> 317	01 <b>-</b> 203	00ഹ54
21	<u>23¥36</u>	09ഹ43	<u>00 8 58</u>	24MP09	24№27	03 <b>-</b> 43	065344	16 <b>M</b> 34	19132	01 <b>-</b> 28	01&14
22	<u>23¥22</u>	10 ൂ 12	<u>00 8 52</u>	24M233	24№44	04 <b>-</b> 214	065346	17 <b>17</b> 00	19 <b>1</b> 347	01 <b>-</b> 54	01&34
23	<u>23₩09</u>	10&41	<u>00 8 44</u>	24M757	25№02	04 <b>-</b> 244	06%48	17MP25	20 <b>1</b> 303	02 <b>-</b> 20	01ഹ54
24	22¥56	11െ09	00 8 35	25MP21	25№20	05 <b>△</b> 15	06\$50	17MP50	20 <b>1</b> 319	02 <b>-2</b> 46	02 ე 14
25	22 <b>¥</b> 43	11ഹ38	00 B 25	25MP46	25№39	05-45	06%52	18 <b>M</b> 216	20V334	03-212	02&34
26	22¥30	12ᡚ06	00 X 15	26 <b>M</b> 10	25№57	06 <b>≏</b> 16	06%54	18 <b>M</b> 741	20 <b>1</b> 51	03-238	02 მ 54
27	22¥17	12ᡚ34	00 8 03	26 <b>m</b> /34	26№15	06 <b>≏</b> 46	06%55	19 <b>1</b> 706	211307	04-204	03
28	<u>22</u> ₩04	13ᡚ02	29 <b>T</b> 51	26M758	26№34	07 <b>≏</b> 17	06%57	191732	211/324	04-230	03&32
29	21¥52	13&30	<u>29↑38</u>	27MP22	26M-53	07 <b>-</b> 47	06\$58	191757	21/341	04 <b>-</b> 56	03Ω52
30	<u>21€40</u>	13&58	29 <sup>2</sup> 23	27M746	27M·11	08 <b>-</b> 18	07800	201722	21/358	0 <b>5-</b> 22	04Ω11
00	<u> </u>	100,00					ew York, N				010611
Day	Ceres	Juno			Psyche Psyche	Vesta	Chiron			Astarte	Erato
1	21¥27	14&26	29个08	28M710	27M30	08 <b>-</b> 48	07801	201748	22V315	05 <b>-</b> 248	04Ω30
2	21) <del>1</del> (27)	14Ω53	28T53	28M734	27M49	09 <b>-</b> 19	07301	2111713	22V332	05 <b>-</b> 40 06 <b>-</b> 14	04&48
3	21 <del>X</del> 13	15Ω20	28 T 36	28M758	28M·08	09-19	07 302	2111713	22V\$50	06 <b>≃</b> 40	05Ω07
4			28 T 19	2911/22	28M28	10-20	07804		23/308	00 <b>=</b> 40	
	<u>20¥52</u>	15 $\Omega$ 48		2911722 2911746				2211703			05 <i>Q</i> 25
5	<u>20¥41</u>	16 Q 15	28 T 00		281147	10-51	07805	221728	231726	07 <b>-</b> 32	05 Ω 44
6	<u>20¥30</u>	16&42	<u>27<b>1</b></u>	00-25	29M06	11 <u>~</u> 22	07806	221753	23/344	07 <b>-</b> 58	06 ე ე ე
7	<u>20¥19</u>	17£08	27 <b>T</b> 21	00 <b>-</b> 35	291125	11 <b>-</b> 52	07807	231719	241702	08 <b>-</b> 25	06 ე 20
8	<u>20₩08</u>	17Ω35	27 <u>100</u>	00-59	29145	12 <b>≏</b> 23	07508	231744	24/321	08-251	06Ω38
9	<u>19¥58</u>	18Ω01	26 T 38	01-22	00 × 05	12 <b>≏</b> 54	07808	241709	24/39	09-217	06Ω55
10	<u>19₩48</u>	18 ົ 28	<u>26个16</u>	01 <b>-</b> 46	00 🗷 25	13 <b>≏</b> 25	07809	24M/34	24V\$58	09 <b>-</b> 43	07
11	<u>19₩38</u>	18 <i>Q</i> 54	<u>25T53</u>	02 <b>-</b> 210	00≯744	13 <b>≏</b> 56	07209	24M759	25 <b>1</b> 317	10 <b>≏</b> 10	07
12	<u>19₩29</u>	19ഹ20	<u>25Υ29</u>	02 <b>-</b> 34	01≯704	14 <b>≏</b> 27	079310	25MP24	25 <b>1</b> 36	10 <b>≏</b> 36	07&47
13	<u>19₩19</u>	19ഹ46	<u>25℃04</u>	02 <b>-</b> 58	01才24	14 <b>≏</b> 57	079310	25 <b>M</b> 49	25 <b>1</b> 756	11 <b>≏</b> 02	08ഹ04
14	<u>19₩11</u>	20പ്പ11	<u>24Ƴ40</u>	03 <b>-</b> 22	01⊀745	15 <b>≏</b> 28	079310	26 <b>M</b> 14	26 <b>1</b> 315	11 <b>≏</b> 28	08&21
15	<u>19₩02</u>	20പ്പ37	<u>24Υ14</u>	03 <b>-</b> 246	02≯705	15 <b>≏</b> 59	079310	26 <b>m</b> 38	26 <b>1</b> 35	11 <b>≏</b> 55	08&37
16	<u>18¥54</u>	21굁02	<u>23<b>1</b>48</u>	04-210	02725	16 <b>≏</b> 30	079310	27MP03	26 <b>1</b> 355	12 <b>-</b> 21	08 გ 54
17	18 <b></b> ¥46	21&27	23 <b>T</b> 22	04 <b>-</b> 33	02⊀745	17 <b>≏</b> 01	<u>07%10</u>	27 <b>17</b> 28	27V314	12 <b>-</b> 47	09 გ 10
18	<u>18</u> ¥39	21&52	22 <b>T</b> 55	04-257	03≯06	17 <b>≏</b> 32	078610	27M753	27 <b>1</b> 34	13 <b>≏</b> 14	09 ඩ 26
19	18 <b></b> €31	22&17	22 <b>T</b> 29	05-21	03726	18-203	079310	28MP17	27 <b>v</b> 355	13-40	09Ω41
20	<u>18</u> ¥25	22&42	22 T 02	05 <b>-</b> 21	03×747	18 <b>-</b> 34	078610	28MP42	28VI 15	14 <b>-</b> 207	09 ე 57
21	<u>18¥18</u>	23&06	21 <b>T</b> 34	06-08	04×08	19 <b>-</b> 05	07809	291706	28 <b>1</b> 35	14 <u>~</u> 33	10Ω12
	107010		<u></u>	55-00	3 17,00	.5—00	<u> </u>	_0m 00	_5,,,,,	—	100612

22	<u>18¥12</u>	23&30	<u>21\(\Partial\)                                    </u>	06 <b>-</b> 32	04≯729	19 <b>-</b> 36	07809	29 <b>17</b> 31	28 <b>1</b> 56	14 <b>-</b> 59	10ഹ27
23	18¥06	23&55	20 <b>T</b> 40	06 <b>≏</b> 56	04≯49	20-207	07808	29M755	29V316	15 <b>-</b> 26	10 $\Omega$ 42
24	18 <b>¥</b> 01	24	20 <b>1</b> 2	07 <b>△</b> 19	05≯710	20-238	07808	00-20	29 <b>v</b> 37	15 <b>-</b> 52	10ഹ257
25	<del>17</del> ¥56	24&42	19 <b>T</b> 45	07 <b>-</b> 43	05≯731	21 <b>-</b> 09	07807	00 <b>-</b> 45	291358	16 <b>≏</b> 19	11&11
26	17 <b>光</b> 51	25&06	<u>19↑18</u>	08 <b>-</b> 206	05≯752	21 <b>-</b> 40	07806	01 <b>-</b> 09	00≈19	16 <b>≏</b> 45	11ഹ26
27	<del>17</del> ¥47	25&29	18 <b>T</b> 51	08 <b>-</b> 30	06≯13	22-211	07805	01-233	00≈40	17 <b>-</b> 212	11ᡚ40
28	<u>17¥43</u>	25&52	<u>18Υ24</u>	08 <b>≏</b> 53	06≯735	22 <b>-</b> 42	07804	01 <b>≏</b> 58	01≈02	17 <b>≏</b> 38	11Ω54
29	<del>17</del> ¥40	26	<u>17</u> Υ58	09 <b>≏</b> 16	06≯756	23-213	07803	02-22	01≈23	18 <b>-</b> 204	12ᡚ07
*30	<u>17¥37</u>	26&38	<u>17<b>T</b>31</u>	09-241	07≭18	23 <b>-2</b> 45	07802	02 <b>-</b> 47	01≈45	18 <b>-</b> 32	12Ω21
31	<u>17₩34</u>	27&01	<u>17℃06</u>	10 <b>-</b> 204	07≭39	24 <b>-</b> 216	07801	03 <b>≏</b> 11	02≈07	18 <b>-</b> 58	12ん34
			N	lovembe	r 1988 0		<i>Tends</i> New York,	New York	Longitu	ıde	
Day	Ceres	Juno		Sappho			Chiron (			Astarte	Erato
1	17 <b>¥</b> 31	27 <sub>Ω</sub> 23	16 <b>T</b> 41	10 <b>-</b> 27	08×701	24 <b>≏</b> 48	07800	03 <b>≏</b> 35	02≈28	19 <b>≏</b> 25	12Ω47
2	<u>17€29</u>	27 <sub>Ω</sub> 45	16 <b>↑</b> 17	10 <u>~</u> 51	08×22	25 <b>-</b> 19	06 <b>%</b> 58	03 <b>-</b> 59	02≈50	19 <b>-2</b> 51	12Ω59
3	<u>17¥28</u>	28Ω07	<u>15</u> 153	11-14	08744	25 <b>-</b> 50	06 <b>%</b> 57	04 <b>-</b> 23	03≈12	20-218	13Ω12
4	<u>17€27</u>	28 <i>Q</i> 29	<u>15 ↑ 30</u>	11 <u>~</u> 37	09×106	26 <b>-</b> 21	06855	04 <b>-</b> 47	03≈34	20-10	13Ω24
5	17¥26	28 <sub>Ω</sub> 50	15 T 08	12 <b>-</b> 200	09×727	26 <b>-</b> 52	06854	05 <b>-</b> 11	03≈56	21-11	13Ω36
6	<u>17€25</u>	29Ω11	14 <b>↑</b> 47	12 <b>-</b> 23	09749	27 <b>≏</b> 23	06852	05 <b>-</b> 35	04≈18	21-37	13Ω47
7	17¥25	29&32	14T26	12 <b>-</b> 26	10 🗷 11	27 <b>≏</b> 54	06850	05 <b>-</b> 59	04≈40	22-04	13Ω58
8	17¥25	29Ω52	<u>14</u> <b>1 1 1 1 1 1 1 1 1 1</b>	13 <b>-</b> 209	10711	28 <b>-</b> 25	06%48	06 <b>-</b> 22	05≈02	22-30	14Ω09
9	17 <b>¥</b> 26	00 <b>m</b> 213	13 <b>1</b> 48	13 <b>≏</b> 32	10755	28 <b>-</b> 56	06947	06 <b>-</b> 46	05≈24	22 <b>-</b> 57	14Ω20
10	17€27	0011133	13 <b>T</b> 30	13 <b>-</b> 55	11 🛪 17	29 <b>-</b> 27	06945	07 <b>△</b> 10	05≈47	23-23	14Ω31
11	17€29	00M253	13 <b>T</b> 13	14 <b>-</b> 18	11739	29 <b>-</b> 58	06%43	07 <b>△</b> 33	06≈09	23-250	14Ω41
12	17 <b>¥</b> 30	0111713	12 <b>T</b> 58	14-2-41	12701	00M30	06940	07 <b>≏</b> 56	06≈32	24-216	14Ω51
13	17 <b></b> €32	0111732	12 <b>T</b> 43	15-203	12 7 23	01M <sub>0</sub> 01	06838	08-20	06≈54	24-243	15Ω00
14	17 <b></b> €35	0111751	12 <b>↑</b> 29	15 <b>≏</b> 26	12745	01№32	06936	08 <b>-</b> 43	07≈17	25-209	15Ω09
15	17 <b></b> €38	02 <b>11</b> 710	<u>12个17</u>	15 <b>-</b> 49	13≯707	02№03	06834	09 <b>-</b> 206	07≈40	25-235	15Ω18
16	17 <b></b> €41	021129	12 <b>T</b> 06	16 <b>≏</b> 11	13≯30	02№34	06831	09-29	08≈03	26-202	15Ω27
17	17 <b>光</b> 45	0211747	11 <b>T</b> 55	16 <b>-</b> 34	13752	03№05	06829	09 <b>-</b> 52	08≈26	26-28	15Ω35
18	17 <b> €</b> 48	0311705	11 <b>T</b> 46	16 <b>≏</b> 56	14≯14	03№36	06826	10 <b>≏</b> 15	08≈49	26 <b>≏</b> 55	15Ω44
19	17 <b></b> €53	031123	11T38	17 <b>≏</b> 18	14≯737	04№08	06824	10-238	09≈12	27-21	15Ω51
20	17 <b>光</b> 57	0311741	11T32	17 <b>-</b> 241	14 🛪 59	04№39	06821	11-201	09≈35	27-47	15Ω59
21	18 <b></b>	03 <b>m</b> 258	11 <u>1</u> 26	18 <b>-</b> 203	15≯722	05№10	<u>06%18</u>	11-23	09≈58	28 <b>-</b> 214	16 დ 06
22	18₩08	04MP15	<u>11<math>\Upsilon</math>21</u>	18 <b>≏</b> 25	15≭744	05№41	069315	11 <b>≏</b> 46	10≈21	28 <b>-</b> 40	16Ω13
23	18 <b></b>	0411731	<u>11 T 18</u>	18 <b>-</b> 47	16≭707	06№12	069313	12 <b>-</b> 208	10≈44	29 <b>-</b> 206	16Ω19
24	18ℋ19	04 <b>M</b> 248	<u>11个16</u>	19 <b>-</b> 209	16≭30	06№43	069310	12 <b>-</b> 31	11≈08	29 <b>-</b> 32	16ഹ25
25	18 <b></b>	05MP04	<u>11个15</u>	19 <b>≏</b> 31	16≯752	07№14	<u> 06%07</u>	12 <b>-</b> 53	11≈31	29 <b>-</b> 58	16ഹ31
26	18 <b>¥</b> 32	05 <b>M</b> 219	11 <b>°</b> 15	19 <b>≏</b> 53	17 🗷 15	07№45	<u>06%04</u>	13 <b>≏</b> 15	11≈55	00M25	16ഹ36
27	18 <b></b>	05MP35	11 <b>T</b> 16	20 <b>-</b> 215	17≭38	08 <b>M</b> 16	<u> </u>	13 <b>≏</b> 37	12≈18	00M51	16 242
28	18ℋ46	05 <b>117</b> 50	11Ƴ18	20 <b>-</b> 36	18≯700	08№47	<u>05&amp;57</u>	13 <b>-</b> 59	12≈42	01ጤ18	16&46
29	18ℋ54	06 <b>11</b> 704	11℃21	20 <b>-</b> 58	18≯723	09№18	<u>05&amp;54</u>	14 <b>≏</b> 21	13 <b>≈</b> 05	01ሙ44	16ഹ51
30	19₩01	06 <b>11</b> 9	11126	21-20	18 🛪 46	09MJ49	<u>05&amp;51</u>	14-243	13≈29	02M <sub>10</sub>	16Ω55
							lew York,				
	Ceres	Juno		Sappho			Chiron C			Astarte	Erato
1	19 € 10	0611733	11个31	21-41	19×709	1010-20	<u>05%48</u>	15 <b>≏</b> 05	13≈52	02M36	16Ω58
2	19 <b> 1</b> 18	06MP47	11个38	22 <b>-</b> 02	19×732	1010-51	05844	15 <b>≏</b> 27	14≈16	03M02	17Ω02
3	19€27	0711700	11个45	22-24	19×755	111122	05841	15 <b>-</b> 48	14≈40	03M <sub>29</sub>	17Ω05
4	19 € 36	071713	11754	22-45	20 🛪 18	1111153	05838	16-09	15≈04	03M-55	17Ω07
5	19¥45	07M26	12104	23 <b>-</b> 206	20×741	121124	05834	16 <b>≏</b> 31	15≈28	04M <sub>2</sub> 1	17Ω10
6	19 <del>¥</del> 55	07M738	12 <b>1</b> 14	23-27	21×704	12M-54	05831	16 <b>≏</b> 52	15≈51	04M47	17Ω12
7	20¥05	0711750	12 <b>°</b> 26	23-48	21×727	13M-25	05 <u>827</u>	17 <b>≏</b> 13	16 <b>≈</b> 15	05M13	17Ω13
8	20 <b></b> €15	081101	12 <b>°</b> 39	24-209	21×750	13M-56	05 <b>%</b> 23	17 <b>≏</b> 34	16 <b>≈</b> 39	05M39	17Ω14
9	20¥25	08112	12 <b>°</b> 52	24 <b>-</b> 30	22×713	14M-27	05 <u>\$20</u>	17 <b>≏</b> 55	17 <b>≈</b> 03	06M05	17Ω15
10	20¥36	08M23	13 <sup>°</sup> 07	24 <b>-</b> 50	22×736	14M-58	05 <b>%</b> 16	18 <b>≏</b> 15	17 <b>≈</b> 27	06M30	17Ω15
11	20¥47	081734	13 <sup>2</sup> 22	25 <b>△</b> 11	22×759	15M-28	05 <b>%</b> 12	18 <b>≏</b> 36	17 <b>≈</b> 52	06M56	<u>17Ω15</u>
12	20¥58	081744	13 <b>T</b> 39	25 <b>-</b> 32	23 × 7 4 0	15M-59	05 <u>809</u>	18 <b>-</b> 56	18≈16	07M22	<u>17Ω15</u>
13	21 <b></b> ¥10	0811753	13 <b>T</b> 56	25 <b>≏</b> 52	23×746	16M30	05805	19 <b>-</b> 217	18≈40	07M48	<u>17Ω14</u>
14	21¥21	091102	14 <b>°</b> 15	26 <b>-</b> 212	24 7 09	17M01	05 <u>801</u>	19 <b>-2</b> 37	19≈04	08M14	<u>17Ω13</u>
15	21¥33	09111	14 <b>°</b> 34	26 <b>-2</b> 32	24 🛪 32	17M31	04857	19 <b>-</b> 57	19 <b>≈</b> 28	081139	<u>17Ω12</u>
16	21¥46	091120	14 <b>T</b> 54	26 <b>-</b> 52	24 🛪 55	18M·02	04854	20-217	19 <b>≈</b> 53	09M05	<u>17Ω10</u>
17	21¥58	09M27	15 <b>T</b> 15	27 <b>≏</b> 12	25 × 18	18M32	04850	20 <b>-</b> 236	20 <b>≈</b> 17	09M31	<u>17Ω07</u>
18	22 <b></b> ¥11	0911735	15 <b>T</b> 36	27 <b>≏</b> 32	25 🗷 42	19M <sub>0</sub> 3	04846	20 <b>≏</b> 56	20≈41	09M56	<u>17Ω05</u>

19	22 <b> £</b> 24	09 <b>m</b> /42	15 <b>T</b> 59	27 <b>-</b> 52	26≯705	19№34	<u>04%42</u>	21 <b>-</b> 215	21≈05	10№22	<u>17გ02</u>
20	22 <b></b>	09 <b>m</b> 749	16 <b>°</b> 22	28 <b>-</b> 211	26≯728	20№04	<u>04%38</u>	21 <b>-</b> 35	21≈30	10№47	<u>16ഹ58</u>
21	22 <b></b>	09 <b>m</b> /55	16Ƴ46	28 <b>-</b> 31	26≯752	20№34	<u>04&amp;34</u>	21 <b>-</b> 54	21≈54	11ጤ13	<u>16ഹ55</u>
22	23 € 04	1011/01	17 <b>Υ</b> 11	28 <b>-</b> 50	27 🗷 15	21№05	<u>04%30</u>	22 <b>-</b> 213	22 <b>≈</b> 19	11ጤ38	<u>16ഹ51</u>
23	23 <b>X</b> 18	10 <b>1</b> 006	17Ƴ37	29 <b>-2</b> 09	27≭38	21№35	<u>04%26</u>	22 <b>-</b> 32	22 <b>≈</b> 43	12№03	<u>16&amp;46</u>
24	23 <b>X</b> 32	10MP11	18 <b>°</b> 03	29 <b>-2</b> 28	28≯701	22№06	<u>04%22</u>	22 <b>≏</b> 50	23≈08	12№29	<u>16&amp;41</u>
25	23 <b>X</b> 46	10 <b>M</b> 216	18 <b>~</b> 30	29 <b>-2</b> 47	28≯725	22№36	<u>04%18</u>	23 <b>-2</b> 09	23≈32	12№54	<u>16Ω36</u>
26	24 <b>X</b> 01	1011/20	18 <b>Υ</b> 58	00M06	28≯748	23№06	<u>04%14</u>	23 <b>-2</b> 27	23≈56	13№19	<u>16ഹ30</u>
27	24 <b>X</b> 16	101123	19Ƴ26	00M25	29才11	23№36	<u>04%10</u>	23 <b>-2</b> 45	24×21	13№44	<u>16പ്പ24</u>
28	24 <b>X</b> 30	10 <b>M</b> 26	19Ƴ55	00M43	29≯734	24№07	<u>04%07</u>	24 <b>-</b> 203	24≈46	14№09	<u>16പ്പ 18</u>
29	24 € 46	10 <b>m</b> 29	20℃25	01№02	29≯758	24№37	<u>04%03</u>	24 <b>-</b> 21	25≈10	14№34	<u>16പ്പ 12</u>
30	25₩01	101731	20介55	01ሙ20	00 <b>1</b> 22	25№07	<u>03&amp;59</u>	24 <b>-</b> 39	25≈35	14№59	<u>16ഹ05</u>
31	25 <b>光</b> 16	101733	21个26	01ሙ38	001345	25№37	<u>03&amp;55</u>	24 <b>-</b> 56	25≈59	15№24	<u>15&amp;57</u>

## Sappho Psyche Vesta Chiron Ophelia 01M56 01M08 26M07 03351 25△14

26M37

27M<sub>07</sub>

27M37

28№06

28M36

29M05

29M35

00 ₹ 05

00 ₹35

01704

01733

01132

01**1**355

02Vt18

02V342

03ぱ05

03Vt29

03Vf52

041 15

04V339

05/102

05ぱ25

Day

1

2

3

4

5

6

7

8

9

10

11

12

Ceres

25**X**32

25X48

26 € 04

26¥20

26X37

26X53

27**X**10

27**X**27

27 € 44

28X01

28X19

28**X**36

05T59

06T19

06T40

07T01

07T22

07T43

08T04

08T25

08T46

09T08

09T29

4

5

6

7

8

9

10

11

12

13

14

06MP39

06MP25

06MP11

05MP57

05MP42

05MP28

05MP13

04MP58

04MP43

04MP27

04MP12

14855

15843

16831

17819

18807

18 **8** 56

19845

20 g 35

21824

22814

23805

Juno

1011934

1011935

10MP35

101735

10MP34

1011733

<u>10MP31</u>

10MP29

10MP26

10MP23

101719

10MP 15

**Eros** 

21T58

22T30

23T03

23T36

24T10

24T45

25T20

25T56

26T32

27T09

27T46

28T24

02 14

02M31

02M49

03M06

03M23

03M40

03M57

04M30

04₩46

05M03

Asteroids Ephemeris
January 1989, 00:00:00, New York, New York, Longitude

035647

035643

03\$39

03\$35

<u> 03&31</u>

<u>03&28</u>

03524

<u>03&20</u>

<u>03&16</u>

03 % 13

<u>03&09</u>

25-231

25**-**248

26**-**204

26**-2**21

26**-**237

26**-**53

27**△**09

27-25

27**-**241

27-56

28-211

02№48

02M57

03M05

03M<sub>13</sub>

03M<sub>2</sub>1

03№28

03M35

03M42

03M48

03№54

04M00

10 €25

10€50

11**X**15

11¥40

12**X**04

12**X**29

12**X**54

13 € 18

13**X**43

14**X**08

14**X**32

**Amor** 

26≈24

26≈48

27**≈**13

27**≈**38

28 202

28≈27

28 2 52

29×16

29 241

00X06

00X31

00X56

Astarte

15M49

16M38

17M<sub>0</sub>3

17M<sub>27</sub>

17M<sub>5</sub>1

18M-16

18**M**40

19M<sub>0</sub>4

19M<sub>28</sub>

19M52

20 16

Erato

15&50

<u>15&42</u>

15&33

15പ്പ25

**15***Ω* **16** 

<u>15ഹ06</u>

14ഹ257

14&47

<u>14ഹ37</u>

14പ്പ27

14Ω16

<u>14ഹ05</u>

09

<u>09</u> გ09

<u>08</u> ഹു57

<u>08</u> ഹ 44

<u>08</u> ഹ32

<u>08</u> ഹ20

80

ᡚ08

<u>07</u> ᡚ57

<u>07</u> ഹ45

07

07

28M58

29瓜19

29瓜40

00×701

00₺22

00 ₹42

01×703

01723

01743

02×703

02×723

13	28 <b>光</b> 54	<u>10M210</u>	29 <b>T</b> 02	05№18	05/349	02₹03	<u>03&amp;05</u>	28 <b>-</b> 26	01₩2	) 2	0ሙ40	<u>13</u>	<u> </u>
14	29 <b> 1</b> 2	<u>101705</u>	29Ƴ41	05№34	06/312	02₹32	<u>03&amp;02</u>	28 <b>-</b> 40	01 <del>X</del> 4	5 2	1ሙ04	13	<u> </u>
15	29 <b>X</b> 30	10MP00	00821	05№50	06Vt35	03≯701	<u>02&amp;58</u>	28 <b>≏</b> 55	02升1	2	1ሙ28	13	<u> </u>
16	29 € 48	<u>09MP54</u>	01801	06M05	06Vt58	03≯30	<u>02&amp;55</u>	29 <b>≏</b> 08	02₩3	5 2	1ጤ51	<u>13</u>	<u> </u>
17	00 <b>T</b> 07	<u>09MP47</u>	01841	06M <sub>2</sub> 0	07ฬ22	03≯759	<u>02&amp;51</u>	29 <b>-</b> 22	02 <del>X</del> 5	9 2	2M·15	<u>13</u>	<u> </u>
18	00 <b>T</b> 25	<u>09MP40</u>	02822	06M35	07/345	04≯728	<u>02%48</u>	29 <b>-</b> 36	03₩2	4 2	2№38	12	<u> </u>
19	00Ƴ44	<u>09M233</u>	03 8 03	06M <sub>5</sub> 0	801/80	04≯757	<u>02%44</u>	29 <b>-</b> 249	03 € 4	9 2	3M01	<u>12</u>	<u>ର 44</u>
20	01 <b>T</b> 03	<u>09M25</u>	03844	07№04	08 <b>V</b> 331	05≯726	<u>02%41</u>	00M03	04ℋ1	4 2	3⊪24	12	<u> </u>
21	01 <b>T</b> 21	<u>09M216</u>	04 წ 26	07ሙ18	08ฬ55	05≯755	<u>02&amp;37</u>	00 <b>ሙ</b> 16	04₩3	9 2	3№48	<u>12</u>	<u> </u>
22	01 <b>T</b> 40	<u>09MP08</u>	05 B 09	07ሙ33	09/318	06≯723	<u>02&amp;34</u>	00№29	05 <b>X</b> 0	3 2	4ጤ10	12	<u> බ07</u>
23	02 <b>T</b> 00	<u>08M259</u>	05 წ 52	07№46	09/341	06≯752	<u>02&amp;31</u>	00M-41	05 <b>X</b> 2	3 2	4 <b>‰</b> 33	<u>11</u>	<u> </u>
24	02 <b>T</b> 19	<u>08MP49</u>	06 8 35	00M80	101304	07 <i>≯</i> 721	<u>02&amp;28</u>	00№53	05 <b>X</b> 5	3 2	4 <b>№</b> 56	11	<u> </u>
25	02 <b>T</b> 38	<u>08M239</u>	07 წ 19	08 <b>M</b> 13	101327	07 <i>≯</i> 749	<u>02&amp;25</u>	01ሙ05	06₩1	3 2	5 <b>‰</b> 19	<u>11</u>	<u> </u>
26	02 <b>T</b> 58	<u>08M29</u>	08 8 03	08 <b>‰</b> 27	101350	08≯717	<u>02&amp;22</u>	01ቤ17	06 <b>X</b> 4	2 2	5M41	<u>11</u>	<u> </u>
27	03 <b>T</b> 17	<u>08M218</u>	08 8 47	08M39	111/313	08≯746	<u>02&amp;19</u>	01ሙ28	07 <b>X</b> 0	7 2	6M04	<u>11</u>	<u> </u>
28	03Ƴ37	<u>08M207</u>	09 8 32	08№52	111336	09≯714	<u>02&amp;16</u>	01ጤ39	07 <b>X</b> 3	2 2	6M26	<u>10</u>	<u> </u>
29	03介57	<u>0711755</u>	10 8 17	09M05	111359	09≯742	<u>02&amp;13</u>	01№50	07 <b>光</b> 5	7 2	6 <b>M</b> 48	<u>10</u>	<u> </u>
30	04介17	<u>0711743</u>	11802	09№17	121322	10 ₹ 10	<u>02&amp;10</u>	02№00	08¥2	2 2	7ጤ10	<u>10</u>	<u> </u>
31	04Ƴ37	<u>0711731</u>	11 <del>8</del> 48	09№29	121345	10≯738	<u>02&amp;07</u>	02№10	08発4		7ጤ32	<u>10</u>	<u> </u>
				February	<b>1989</b> , 00	0:00:00, N	ew York, N	lew York,	Longit	ude			
Day	Ceres	Juno	Eros	Sappho	Psyche	Vesta	Chiron	Opheli	a Am	or	Astar	te	Era to
1	04介57	<u>0711718</u>	12834	09№40	13/308	8 1170	02805	<u>0</u> 02M:	20 09	<del>€</del> 11	27M	,54	<u>10</u> ည00
2	05介18	<u>0711705</u>	13821	09№52	131/33	1 11₹34	4 02802	<u>0</u> 200	30 09	€36	28M		<u>09</u> & 47
3	05 <b>T</b> 38	<u>06M752</u>	14808	10№03	131354	4 12 <i>₹</i> 10	1 01859	<u>0</u> 02m;	39 10	€01	28M	<sub>2</sub> 37	<u>09</u> <u>234</u>

141317

141339

151302

151325

15V347

16Vt10

16**1**33

16**1**355

17V 18

17**1**340

18V 02

100~14

10M<sub>2</sub>4

10 0 3 4

10 0 4 4

10M54

11M<sub>0</sub>3

11M-13

11M<sub>21</sub>

11M30

11M38

1111046

12 7 29

12 🗷 56

13×723

13 7 51

14×718

14×745

15 🗷 12

15**水**38

16**₹**05

16×732

16**₹**58

019557

01554

<u>01%52</u>

01950

<u>01%48</u>

015345

015643

<u>01%41</u>

01539

<u>01%38</u>

<u>01%36</u>

												<u> </u>
15	09介51	<u>03M757</u>	23 8 55	1111053	18132	5 17 <i>オ</i> 2	4 0183	<u>34</u> 04M	06 143	€57 02	2⊀42	
16	10介12	<u>03M741</u>	24 & 46	12100	18 <b>V</b> \$4	7 17≯75	0 <u>0183</u>	<u>33</u> 04M	11 153	€22 03	₹02	<u>07</u>
17	10Ƴ34	<u>03MP26</u>	25 8 37	12M <sub>0</sub> 7	19130	9 18≯71	6 <u>0183</u>	04M	15 153	€46 03	3才21	<u> </u>
18	10介56	<u>03MP10</u>	26 8 28	12 <b>1</b> -14	1913	1 18≯74	2 01%3	04M	20 163	€11 03	3∕740	
19	11介18	<u>02M755</u>	27 8 20	121120	19135	4 19 <i>≯</i> 70	8 0182	2 <u>8</u> 04M	24 163	€35 03	₹59	
20	11个40	<u>0211739</u>	28811	12M-26	20V31	6 19≯3	4 01%2	2 <u>7</u> 04M	27 173	€00 04	l≯ <sup>7</sup> 17	
21	12介02	<u>021724</u>	29803	12 <b>M</b> 31	2013	8 19 <b>≯</b> 75	9 01%2	2 <u>6</u> 04M	30 173	€24 04	<b>∤</b> ₹35	
22	12 <b>°</b> 24	<u>0217708</u>	29855	121136							<b>∤</b> ≯754	<u> </u>
23	12 <b>°</b> 46	<u>01m253</u>	00 II 48	12\mathcal{W}41							i≯12	<u> 254</u>
24	13个08	01M738	01 <b>I</b> 40	121045							3 <sup>7</sup> 29	<u> 245</u>
25 26	13 $\Upsilon$ 30	01MP23 01MP08	02 II 33 03 II 26	12M50							3.747 3.744 3.744	<u>237</u>
27	13 T 55	00m253	03 H 26	12M-56							5×721	<u> </u>
28	14 T 13	0011733	05 II 13	1211050							3738 3 <b>7</b> 38	<u> </u>
	11100	<u> </u>	00110					ew York, L				<u>Ω̃14</u>
Day	Ceres	Juno	Eros S	Sappho	Psyche	Vesta	Chiron	Ophelia	Amor	Astarte	Er	ato
1	15 <b>个</b> 00	00M24	06 II 06	13M <sub>-</sub> 02	23/132	23≯718	01%19	04ሙ43	20 € 40			<b>බ</b> 07
2	15 <b>°</b> 23	001109	07 X 00	13№04	231353	23 🛪 42	019619	04ጤ43	21₩05			<u>න00</u>
3	15 <b>°</b> 46	29 გ 55	07 II 54	13№06	241315	24706	019318	04M-43	21€29			<del>აგ54</del>
4	16ጥ08	29 გ 41	08 II 48	13 <b>‰</b> 07	241336	247/29	019318	04M-42	21 € 53			<b>.</b> Ω48
5	16 <b>T</b> 31	29 Ω 27	09 11 42	13M <sub>0</sub> 8	241357	24 🛪 53	01%18	04M-40	22€18			<b>ඩ</b> 242
6	16 <b>°</b> 54	29പ്പ 14	10 X 37	13M <sub>-</sub> 08	25V318	25 🖈 17	019318	<u>04₩39</u>	22€42			<b>പ്</b> 37
7	17 <b>Υ</b> 17	29ഹ01	11 <b>I</b> I31	13M <sub>08</sub>	25139	25🛪 40	019318	<del>04</del> €37	23₩06			<b>പ്</b>
8	17介40	28	12 <b>I</b> I 26	13M <sub>08</sub>	26V301	26 <b>×</b> 703	019318	<u>04₩35</u>	23 <b>X</b> 30	08≯74		<b>പ്</b> 27
9	18 <b>°</b> 03	28ഹ36	13 <b>I</b> 21	<u>13№07</u>	26V321	26 <b>*</b> 726	019318	<u>04№32</u>	23 <b>光</b> 55	08🛪5	9 04	<b>£</b> 23
10	18 <b>°</b> 26	<u>28പ്പ24</u>	14 II 16	<u>13M·06</u>	26 <b>V</b> \$42	26≯748	01%18	<u>04№29</u>	24 <b>光</b> 19	09🖈1	4 <u>04</u>	<u> പ്ര 19</u>
11	18Ƴ49	<u>28പ്പ 12</u>	15 X 11	<u>13M·05</u>	271303	27 <i>≯</i> 11	015319	<u>041625</u>	24€43	09🗷2	8 <u>04</u>	<u>ର 15</u>
12	19介12	<u>28ഹ00</u>	16 X 06	<u>13M·03</u>	27V324	27 <i>≯</i> 733	019319	<u>04M21</u>	25₩07		1 <u>04</u>	<u>ର 12</u>
13	19Ƴ35	<u>27Ω49</u>	17 X 02	<u>13M·00</u>	271344	27 <i>≯</i> 755	01\$20	<u>04ሙ17</u>	25 <b>X</b> 31			<u> </u>
14	19Ƴ58	<u>27Ω39</u>	17 II 57	<u>12M57</u>	281305	28 <b>才</b> 17	01%20	<u>04ጤ13</u>	25 <b>%</b> 55			<u> გ07</u>
15	20↑22	<u>27Ω28</u>	18 II 53	<u>12M54</u>	28V\$25	28 🛪 39	019521	<u>04M08</u>	26 € 19			<u> გ04</u>
16	20 7 4 5	<u>27Ω18</u>	19 II 49	<u>12M-51</u>	28V346	29×700	01822	<u>04M02</u>	26 € 43			<u> გეკ</u>
17	21个08	<u>27Ω08</u>	20 II 45	12M46	29Vf05	29×721	01823	03M57	27¥07			<u>1Ω01</u>
18 <b>19</b>	21 <sup>7</sup> 32 21 <sup>7</sup> 55	<u>26 ඩ 59</u> <u>26 ඩ 50</u>	21 II 41 22 II 37	12M42 12M37	29V346	29×742 001/303	01%23 01%24	03M51 03M44	27¥31 27¥55			1 <u>200</u>
20	21T55 22T19	<u>26 Ω 42</u>	23 II 33	12M-32	00≈06	00V303	01824	03/IL44 03/IL44	28 × 19			<u>82859</u> 82258
21	22 T 19 22 T 42	<u>26Ω33</u>	23 II 33 24 II 29	1211632 121632	00≈06	00V324	01827	03M31	28 <b>X</b> 43			പ്ര
22	23 7 06	<u>26Ω26</u>	25 II 25	12M20	00 <b>≈</b> 26	01/304	01828	03ft24	29¥06			3Q58
23	23 T 00	<u>26Ω18</u>	26 II 21	12M·13	01≈05	01/304	01829	03M·16	29 <b>X</b> 30			3a59
24	23 T 53	<u>26Ω12</u>	27 II 18	12M-06	01 <b>≈</b> 25	01/324	01931	03M08	29¥54			₩00
25	24 <b>°</b> 17	<u>26Ω05</u>	28 II 14	11M59	01≈44	02V\$03	01932	03M00	00 T 18			iΩ01
26	24个40	25 Ω 59	29 II 10	11M-51	02≈04	02V322	01%34	<u>02№51</u>	00T42			ඩ බ
27	25℃04	<u>25Ω53</u>	00207	<u>11M42</u>	02≈23	02V341	01936	<u>02₩43</u>	01T05			<b>₩</b> 04
28	25Υ28	<u>25Ω48</u>	01%04	<u>1111634</u>	02≈42	02 <b>1</b> 359	01937	<u>02№34</u>	01℃29			<b>ඩ</b> 06
			00000	11M 2E	03≈01	03 <b>1</b> 318	01539	<u>02№24</u>	01 <b>T</b> 53	12×74	7 04	£09
29	25介52	<u>25&amp;43</u>	02%00	<u>1111625</u>								
30	25T52 26T15	<u>25Ω39</u>	02%57	<u>1111615</u>	03 <b>≈</b> 20	03 <b>V</b> 36	01%41	<u>02№15</u>	02 <b>T</b> 16		5 04	<b>I</b> Ω12
	25介52			11M15 11M05	03 <b>≈</b> 20 03 <b>≈</b> 39	03\f36 03\f53	015643	02№05	02 <b>T</b> 40	13🛪0	5 04	ֈΩ12 ֈΩ15
30 31	25 $\Upsilon$ 52 26 $\Upsilon$ 15 26 $\Upsilon$ 39	25&39 25&35	02357 03354	111115 1111105 April 1	03 <b>≈</b> 20 03 <b>≈</b> 39 9 <b>89</b> ,00:0	031/136 031/153 0:00, Nev	01%43 v York, Ne	<u>02№05</u> ew York, L	02Ƴ40 <b>ongitud</b>	13 <i>≯</i> 702 e	5 04 2 04	I <i>Q</i> 15
30 31	25 T 52 26 T 15 26 T 39 Ceres	25&39 25&35 Juno	02\$57 03\$54 Eros	11M·15 11M·05 April 1 Sappho	03≈20 03≈39 989,00:0 Psyche	03/136 03/153 0:00, Nev Vesta	01%43 v York, Ne Chiron	021105 ew York, L Ophelia	02个40 ongitud Amor	13⊀00 e <mark>Astart</mark> e	5 04 2 04 • Er	າລ 15 rato
30 31	25 $\Upsilon$ 52 26 $\Upsilon$ 15 26 $\Upsilon$ 39	25&39 25&35	02357 03354	111115 1111105 April 1	03 <b>≈</b> 20 03 <b>≈</b> 39 9 <b>89</b> ,00:0	031/136 031/153 0:00, Nev	01%43 v York, Ne	<u>02№05</u> ew York, L	02Ƴ40 <b>ongitud</b>	13¾0; e Astarte 13¾0;	5 04 2 04 e Er 9 04	I <i>Q</i> 15

J	21 1 30	230223	00.541	1011034	04~33	041344	01000	0111034	03 1 49	137 22	040220
4	28介14	<u>25&amp;23</u>	07938	<u>10M23</u>	04≈52	05ฬ01	01852	<u>011624</u>	04介12	13≯727	04ഹ30
5	28Ƴ38	<u>25Ω21</u>	08\$35	<u>101611</u>	05≈10	05ฬ 17	01%54	<u>01ጤ13</u>	04Ƴ36	13🛪33	04紀35
6	29 <b>T</b> 01	<u>25&amp;20</u>	09%32	<u>09₩59</u>	05≈28	05ฬ33	01957	<u>01№02</u>	04Ƴ59	13×738	04&40
7	29↑25	<u>25 ູ 19</u>	10%28	09M47	05≈46	05 <b>13</b> 49	01959	00M50	05℃22	13×142	04&45
8	29个49	<u>25Ω 18</u>	11%25	09M34	06≈03	06 <b>13</b> 04	02802	00M39	05 T Z Z	13×746	04&50
9	00 8 14	<u>25Ω18</u>	12522	<u>09M21</u>	06≈21	06V319	02805	<u>00M28</u>	06T09	13 7 50	04&56
10	00 X 38	25 ე 18	13%18	<u>09M08</u>	06 <b>≈</b> 38	06 <b>1</b> 34	02&08	<u>00№16</u>	06Ƴ32	13 <b>≯</b> 753	05&02
11	01802	25	14%15	<u>08₩54</u>	06≈56	06 <b>V</b> 348	02%10	<u>00₩04</u>	06℃55	13≯756	05&09
12	01 & 26	25& 19	15%12	<u>08/641</u>	07≈13	07 <b>1</b> 302	02&13	<u>29<b>≏</b>52</u>	07介18	13≯758	05 მ 15
13	01 წ 50	25&20	16%08	<u>08₩27</u>	07≈30	07ฬ 16	025316	29 <b>-</b> 40	07Ƴ41	14≯700	05&22
14	02 წ 14	25&22	17%05	<u>08</u> €12	07≈46	07ฬ29	02&19	<del>29</del> <b>2</b> 8	08 <b>T</b> 04	14≯702	05&29
15	02 8 39	25 <i>Q</i> 24	18%02	07 <b>№</b> 58	08≈03	07 <b>1</b> 342	02\$23	29 <b>-</b> 216	08℃27	14703	05&37
16	03 8 03	25&26	18358	07M-43	08≈20	07V\$55	02\$26	29 <b>≏</b> 04	08T50	14703	05&45
17	03 8 27	25&29	19855	<u>07₩28</u>	08≈36	081307	02829	<u>28<b>≏</b>52</u>	09 <b>↑</b> 12	14×703	05&53
18	03851	25&32	20%51	<u>07₩13</u>	08≈52	08 <i>V</i> 319	02%32	<u>28<b>-</b></u> 40	09Ƴ35	<u>14≯703</u>	06&01
19	04 <del>8</del> 15	25&36	21%47	<u>06№58</u>	09≈08	08 <b>1</b> 31	02536	<u>28<b>≏</b>28</u>	09Ƴ58	<u>14≯02</u>	06&09
20	04 & 40	25&40	22%43	<u>06M-43</u>	09≈24	08ฬ42	02339	<u>28<b>≏</b>16</u>	10℃20	<u>14≯701</u>	06ଯ 18
21	05 8 04	25&44	23%40	<u>06M27</u>	09 <b>≈</b> 40	08ฬ52	02543	<u>28<b>≏</b>04</u>	10Ƴ43	<u>13≯759</u>	06ഹ27
22	05 წ 28	25&48	24%36	<u>06№11</u>	09≈55	091f03	025647	27 <b>-</b> 251	11 <b>°</b> 06	13×757	06പ്പ36
23	05 8 52	25 Ω 53	25%32	05M56	10≈11	09Vt13	02850	<u>27<b>≏</b>39</u>	11 <b>°</b> 28	13 🛪 55	06&45
24	06 წ 16	25 <i>Q</i> 59	26%27	05M-40	10≈26	09ฬ22	02%54	27≏28	11 <b>°</b> 51	13 🛪 52	06&55
25	06841	26 204	27%23	05€24	10≈41	09 <b>1</b> 31	02\$58	<u>27<b>-</b>26</u>	12 <b>°</b> 13	13×148	07.05
26	07805	26&10	28%19	05M08	10≈55	091340	03802	<u>27<b>≏</b>04</u>	12 <b>°</b> 35	13×744	07.015
27	07 8 29	26	29%14	<u>04M52</u>	11≈10	09V348	03806	<u>26<b>-</b>52</u>	12介58	<u>13≯40</u>	07&25
28	07 <del>8</del> 53	26 გ 23	00&10	<u>04M36</u>	11≈24	09ฬ56	03&10	<u>26<b>-</b>41</u>	13℃20	<u>13≯35</u>	07&36
29	08 <del>8</del> 18	26&30	01&06	<u>04M-21</u>	11≈39	101304	035614	<u>26<b>≏</b>30</u>	13Ƴ42	<u>13≯729</u>	07&46
30	08 & 42	26ഹ37	02&01	<u>04M05</u>	11≈53	101311	035618	<u>26<b>-</b></u> 218	14 <b>°</b> 04	<u>13≯724</u>	07&57
							T starts				
				May 1	<b>989</b> ,00:0	0:00, New	/ York, Ne	w York, Lo	ongitude		
Day	Ceres	Juno	Eros S	Sappho	Psyche	Vesta	Chiron (	Ophelia	Amor	Astarte	Erato
1	09 წ 06	26Ω44	02£256	03№49	12≈06	101317	03&22	26 <b>-</b> 207	14 <b>Y</b> 26	13 <i>×</i> 717	08ഹ08
	09 8 06 09 8 31	26&44 26&52	02 <i>Q</i> 56 03 <i>Q</i> 51	<u>03№49</u> 03№33	12 <b>≈</b> 06 12 <b>≈</b> 20	101317 101323	03%22 03%26	<u>26<b>≏</b>07</u> 25 <b>≏</b> 56	14 <b>°</b> 26	<u>13≯17</u> 13⊁11	08&08 08&20
2	09 8 31	26 გ 52	03&51	03M33	12≈20	10ฬ23	03&26	<u>25<b>≏</b>56</u>	14Ƴ48	<u>13×111</u>	08&20
3	09 & 31 09 & 55	26Ω52 27Ω00	03ഹ51 04ഹ46	03ጤ33 03ጤ17	12 <b>≈</b> 20 12 <b>≈</b> 33	101323 101329	03\$26 03\$30	<u>25<b>≏</b>56</u> <u>25<b>≏</b>46</u>	14Ƴ48 15Ƴ10	13×11 13×104	08£20 08£31
2 3 4	09 8 31 09 8 55 10 8 19	26&52 27&00 27&08	03Ձ51 04Ձ46 05Ձ41	03M33 03M17 03M02	12≈20 12≈33 12≈47	101323 101329 101334	03%26 03%30 03%35	25 <b>≏</b> 56 25 <b>≏</b> 46 25 <b>≏</b> 35	14个48 15个10 15个32	13×11 13×104 12×156	08Ω20 08Ω31 08Ω43
2 3 4 5	09 8 3 1 09 8 5 5 10 8 19 10 8 4 3	26Ω52 27Ω00 27Ω08 27Ω17	03Ω51 04Ω46 05Ω41 06Ω36	03M-33 03M-17 03M-02 02M-46	12≈20 12≈33 12≈47 13≈00	1013 1013 1013 1013 1013	03%26 03%30 03%35 03%39	25 <b>△</b> 56 25 <b>△</b> 46 25 <b>△</b> 35 25 <b>△</b> 25	14 T 48 15 T 10 15 T 32 15 T 54	13×11 13×104 12×156 12×148	08 Q 20 08 Q 31 08 Q 43 08 Q 55
2 3 4 5 6	09 8 31 09 8 55 10 8 19 10 8 43 11 8 08	26&52 27&00 27&08 27&17 27&26	03&51 04&46 05&41 06&36 07&31	03M33 03M17 03M02 02M46 02M31	12≈20 12≈33 12≈47 13≈00 13≈12	10\f323 10\f329 10\f334 10\f339 10\f343	03\$26 03\$30 03\$35 03\$39 03\$44	25 <b>△</b> 56 25 <b>△</b> 46 25 <b>△</b> 35 25 <b>△</b> 25 25 <b>△</b> 15	14 T 48 15 T 10 15 T 32 15 T 54 16 T 16	13×11 13×04 12×56 12×48 12×40	08 Q 20 08 Q 31 08 Q 43 08 Q 55 09 Q 07
2 3 4 5 6 7	09 8 31 09 8 55 10 8 19 10 8 43 11 8 08 11 8 32	26&52 27&00 27&08 27&17 27&26 27&35	03&51 04&46 05&41 06&36 07&31 08&25	03M-33 03M-17 03M-02 02M-46 02M-31 02M-16	12≈20 12≈33 12≈47 13≈00 13≈12 13≈25	10\( 10\( 10\) 23\( 10\) 10\( 13\) 10\( 13\) 10\( 14\) 1	03\$26 03\$30 03\$35 03\$39 03\$44 03\$48	25△56 25△46 25△35 25△25 25△15 25△05	14 <sup>4</sup> 48 15 <sup>1</sup> 10 15 <sup>3</sup> 2 15 <sup>5</sup> 4 16 <sup>1</sup> 16 16 <sup>3</sup> 7	13×11 13×04 12×56 12×48 12×40 12×31	08&20 08&31 08&43 08&55 09&07 09&19
2 3 4 5 6 7 8	09 8 31 09 8 55 10 8 19 10 8 43 11 8 08	26&52 27&00 27&08 27&17 27&26 27&35 27&44	03&51 04&46 05&41 06&36 07&31 08&25 09&20	03M33 03M17 03M02 02M46 02M31	12≈20 12≈33 12≈47 13≈00 13≈12	10\( 10\( 10\) 1	03\$26 03\$30 03\$35 03\$39 03\$44 03\$48 03\$53	25△56 25△46 25△35 25△25 25△15 25△05 24△55	14T48 15T10 15T32 15T54 16T16 16T37 16T59	13×11 13×04 12×56 12×48 12×40 12×31 12×32	08 Q 20 08 Q 31 08 Q 43 08 Q 55 09 Q 07
2 3 4 5 6 7	09 8 31 09 8 55 10 8 19 10 8 43 11 8 08 11 8 32	26&52 27&00 27&08 27&17 27&26 27&35	03&51 04&46 05&41 06&36 07&31 08&25	03M-33 03M-17 03M-02 02M-46 02M-31 02M-16	12≈20 12≈33 12≈47 13≈00 13≈12 13≈25	10\( 10\( 10\) 23\( 10\) 10\( 13\) 10\( 13\) 10\( 14\) 1	03\$26 03\$30 03\$35 03\$39 03\$44 03\$48	25△56 25△46 25△35 25△25 25△15 25△05	14 <sup>4</sup> 48 15 <sup>1</sup> 10 15 <sup>3</sup> 2 15 <sup>5</sup> 4 16 <sup>1</sup> 16 16 <sup>3</sup> 7	13×11 13×04 12×56 12×48 12×40 12×31	08&20 08&31 08&43 08&55 09&07 09&19
2 3 4 5 6 7 8	09 8 31 09 8 55 10 8 19 10 8 43 11 8 08 11 8 32 11 8 56	26&52 27&00 27&08 27&17 27&26 27&35 27&44	03&51 04&46 05&41 06&36 07&31 08&25 09&20	03M-33 03M-17 03M-02 02M-46 02M-31 02M-16 02M-01	12≈20 12≈33 12≈47 13≈00 13≈12 13≈25 13≈37	10\( 10\( 10\) 1	03\$26 03\$30 03\$35 03\$39 03\$44 03\$48 03\$53	25△56 25△46 25△35 25△25 25△15 25△05 24△55	14T48 15T10 15T32 15T54 16T16 16T37 16T59	13×11 13×04 12×56 12×48 12×40 12×31 12×32	08&20 08&31 08&43 08&55 09&07 09&19 09&32
2 3 4 5 6 7 8 9	09 8 31 09 8 55 10 8 19 10 8 43 11 8 08 11 8 32 11 8 56 12 8 21	26 \( \partial 52 \) 27 \( \partial 00 \) 27 \( \partial 08 \) 27 \( \partial 21 \) 27 \( \partial 26 \) 27 \( \partial 35 \) 27 \( \partial 44 \) 27 \( \partial 54 \)	03&51 04&46 05&41 06&36 07&31 08&25 09&20 10&14	03M33 03M17 03M02 02M46 02M31 02M16 02M01 01M46	12×20 12×33 12×47 13×00 13×12 13×25 13×37 13×49	10\( 23\) 10\( 29\) 10\( 34\) 10\( 43\) 10\( 47\) 10\( 47\) 10\( 50\) 10\( 53\)	03\$26 03\$30 03\$35 03\$39 03\$44 03\$48 03\$53 03\$57	25\(\textit{\textit{25}\(\textit{\textit{46}}\)} 25\(\textit{\textit{25}\(\textit{25}\)} 25\(\textit{\textit{25}\)} 25\(\textit{\textit{25}\)} 25\(\textit{\textit{205}}\) 24\(\textit{\textit{25}\)} 24\(\textit{\textit{46}}\) 24\(\textit{\textit{237}}\)	14 T 48 15 T 10 15 T 32 15 T 54 16 T 16 16 T 37 16 T 59 17 T 21	13×11 13×04 12×56 12×48 12×40 12×31 12×22 12×12	08\(\alpha\) 20 08\(\alpha\) 31 08\(\alpha\) 43 08\(\alpha\) 55 09\(\alpha\) 19 09\(\alpha\) 32 09\(\alpha\) 44 09\(\alpha\) 57
2 3 4 5 6 7 8 9 10	09 8 3 1 09 8 5 5 10 8 19 10 8 4 3 11 8 0 8 11 8 3 2 11 8 5 6 12 8 2 1 12 8 4 5 13 8 0 9	26&52 27&00 27&08 27&17 27&26 27&35 27&44 27&54 28&04 28&14	03&51 04&46 05&41 06&36 07&31 08&25 09&20 10&14 11&08 12&02	03m33 03m17 03m02 02m46 02m31 02m16 02m01 01m46 01m32 01m17	12×20 12×33 12×47 13×00 13×12 13×25 13×37 13×49 14×01 14×12	10 10 23 10 10 29 10 10 34 10 10 39 10 10 43 10 10 47 10 10 50 10 10 53 10 10 55 10 10 57	03\$26 03\$30 03\$35 03\$39 03\$44 03\$48 03\$53 03\$57 04\$02 04\$07	25\(\textit{\textit{25}\(\textit{46}\)} 25\(\textit{\textit{25}\(\textit{25}\)} 25\(\textit{25}\) 25\(\textit{25}\) 24\(\textit{25}\) 24\(\textit{46}\) 24\(\textit{23}\) 24\(\textit{28}\)	14T48 15T10 15T32 15T54 16T16 16T37 16T59 17T21 17T42 18T04	13×11 13×04 12×56 12×48 12×31 12×31 12×22 12×12 12×02 11×52	08\(\alpha\) 20 08\(\alpha\) 31 08\(\alpha\) 43 08\(\alpha\) 55 09\(\alpha\) 09 09\(\alpha\) 32 09\(\alpha\) 44 09\(\alpha\) 57 10\(\alpha\) 10
2 3 4 5 6 7 8 9 10 11	09 8 3 1 09 8 5 5 10 8 19 10 8 4 3 11 8 0 8 11 8 3 2 11 8 5 6 12 8 2 1 12 8 4 5 13 8 0 9 13 8 3 3	26&52 27&00 27&08 27&17 27&26 27&35 27&44 27&54 28&04 28&14 28&25	03&51 04&46 05&41 06&36 07&31 08&25 09&20 10&14 11&08 12&02 12&56	03m33 03m17 03m02 02m46 02m31 02m16 02m01 01m46 01m32 01m17 01m03	12×20 12×33 12×47 13×00 13×12 13×25 13×37 13×49 14×01 14×12 14×24	10\( 10\( 10\) 23\) 10\( 10\) 34\) 10\( 10\) 39\) 10\( 10\) 47\) 10\( 10\) 53\) 10\( 10\) 55\) 10\( 10\) 55\) 10\( 10\) 58	03\$26 03\$30 03\$35 03\$39 03\$44 03\$48 03\$53 03\$57 04\$02 04\$07 04\$11	25\(\textit{\textit{25}\(\textit{46}\)} 25\(\textit{\textit{25}\(\textit{25}\)} 25\(\textit{25}\) 25\(\textit{25}\) 24\(\textit{25}\) 24\(\textit{46}\) 24\(\textit{23}\) 24\(\textit{28}\) 24\(\textit{219}\)	14T48 15T10 15T32 15T54 16T16 16T37 16T59 17T21 17T42 18T04 18T25	13×11 13×04 12×56 12×48 12×31 12×31 12×22 12×12 12×02 11×52 11×41	08\(\alpha\)20 08\(\alpha\)31 08\(\alpha\)43 08\(\alpha\)55 09\(\alpha\)19 09\(\alpha\)32 09\(\alpha\)44 09\(\alpha\)57 10\(\alpha\)10 10\(\alpha\)23
2 3 4 5 6 7 8 9 10 11 12 13	09 8 31 09 8 55 10 8 19 10 8 43 11 8 08 11 8 32 11 8 56 12 8 21 12 8 45 13 8 09 13 8 33 13 8 58	26 Ω 52 27 Ω 00 27 Ω 08 27 Ω 17 27 Ω 26 27 Ω 35 27 Ω 44 27 Ω 54 28 Ω 04 28 Ω 14 28 Ω 25 28 Ω 36	03&51 04&46 05&41 06&36 07&31 08&25 09&20 10&14 11&08 12&02 12&56 13&50	03M33 03M17 03M02 02M46 02M31 02M16 02M01 01M46 01M32 01M17 01M03 00M49	12×20 12×33 12×47 13×00 13×12 13×25 13×37 13×49 14×01 14×12 14×24 14×35	10\( 10\) 23\( 10\) 10\( 13\) 4\( 10\) 10\( 13\) 10\( 14\) 10\( 15	03\$26 03\$30 03\$35 03\$39 03\$44 03\$48 03\$53 03\$57 04\$02 04\$07 04\$11 04\$16	25-56 25-46 25-35 25-25 25-15 25-05 24-55 24-46 24-37 24-28 24-19 24-11	14T48 15T10 15T32 15T54 16T16 16T37 16T59 17T21 17T42 18T04 18T25 18T46	13×11 13×04 12×56 12×48 12×40 12×31 12×22 12×12 12×02 11×52 11×41 11×30	08\(\alpha\)20 08\(\alpha\)31 08\(\alpha\)43 08\(\alpha\)55 09\(\alpha\)19 09\(\alpha\)32 09\(\alpha\)44 09\(\alpha\)57 10\(\alpha\)10 10\(\alpha\)23 10\(\alpha\)37
2 3 4 5 6 7 8 9 10 11 12 13	09 8 31 09 8 55 10 8 19 10 8 43 11 8 08 11 8 32 11 8 56 12 8 21 12 8 45 13 8 09 13 8 33 13 8 58 14 8 22	26 \( \pi 52 \) 27 \( \pi 00 \) 27 \( \pi 08 \) 27 \( \pi 17 \) 27 \( \pi 26 \) 27 \( \pi 35 \) 27 \( \pi 44 \) 27 \( \pi 54 \) 28 \( \pi 14 \) 28 \( \pi 14 \) 28 \( \pi 25 \) 28 \( \pi 36 \) 28 \( \pi 47 \)	03&51 04&46 05&41 06&36 07&31 08&25 09&20 10&14 11&08 12&02 12&56 13&50 14&43	03M33 03M17 03M02 02M46 02M31 02M16 02M01 01M46 01M32 01M17 01M03 00M49 00M36	12×20 12×33 12×47 13×00 13×12 13×25 13×37 13×49 14×01 14×12 14×24 14×35 14×46	10\(^12\)3 10\(^12\)9 10\(^13\)4 10\(^13\)9 10\(^14\)3 10\(^15\)5 10\(^15\)5 10\(^15\)5 10\(^15\)5 10\(^15\)9 10\(^15\)9	03\$26 03\$30 03\$35 03\$39 03\$44 03\$48 03\$53 03\$57 04\$02 04\$07 04\$11 04\$16 04\$21	25-56 25-46 25-35 25-25 25-15 25-05 24-55 24-46 24-37 24-28 24-19 24-11 24-03	14T48 15T10 15T32 15T54 16T16 16T37 16T59 17T21 17T42 18T04 18T25 18T46 19T08	13×11 13×04 12×56 12×48 12×40 12×31 12×22 12×12 12×02 11×52 11×41 11×30 11×19	08\(\alpha\)20 08\(\alpha\)31 08\(\alpha\)43 08\(\alpha\)55 09\(\alpha\)19 09\(\alpha\)32 09\(\alpha\)44 09\(\alpha\)57 10\(\alpha\)10 10\(\alpha\)23 10\(\alpha\)37 10\(\alpha\)50
2 3 4 5 6 7 8 9 10 11 12 13 14 15	09 8 31 09 8 55 10 8 19 10 8 43 11 8 08 11 8 32 11 8 56 12 8 21 12 8 45 13 8 09 13 8 33 13 8 58 14 8 22 14 8 46	26 \( \partial 52 \) 27 \( \partial 00 \) 27 \( \partial 08 \) 27 \( \partial 17 \) 27 \( \partial 26 \) 27 \( \partial 35 \) 27 \( \partial 44 \) 27 \( \partial 54 \) 28 \( \partial 04 \) 28 \( \partial 25 \) 28 \( \partial 36 \) 28 \( \partial 47 \) 28 \( \partial 58 \)	03&51 04&46 05&41 06&36 07&31 08&25 09&20 10&14 11&08 12&02 12&56 13&50 14&43 15&37	03M33 03M17 03M02 02M46 02M31 02M16 02M01 01M46 01M32 01M17 01M03 00M49 00M36 00M22	12×20 12×33 12×47 13×00 13×12 13×25 13×37 13×49 14×01 14×12 14×24 14×35 14×46 14×56	10\(^12\)3 10\(^12\)9 10\(^13\)4 10\(^13\)9 10\(^14\)3 10\(^15\)9 10\(^15\)9 10\(^15\)9	03\$26 03\$30 03\$35 03\$39 03\$44 03\$48 03\$53 03\$57 04\$02 04\$07 04\$11 04\$16 04\$21 04\$26	25-56 25-46 25-35 25-25 25-15 25-05 24-55 24-46 24-37 24-28 24-19 24-11 24-03 23-56	14T48 15T10 15T32 15T54 16T16 16T37 16T59 17T21 17T42 18T04 18T25 18T46 19T08 19T29	13x11 13x04 12x56 12x48 12x40 12x31 12x22 12x12 12x02 11x52 11x41 11x30 11x19 11x08	08&20 08&31 08&43 08&55 09&07 09&19 09&32 09&44 09&57 10&10 10&23 10&37 10&50 11&04
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	09 8 31 09 8 55 10 8 19 10 8 43 11 8 08 11 8 32 11 8 56 12 8 21 12 8 45 13 8 09 13 8 33 13 8 58 14 8 22 14 8 46 15 8 10	26 \( \partial 52 \) 27 \( \partial 00 \) 27 \( \partial 08 \) 27 \( \partial 17 \) 27 \( \partial 26 \) 27 \( \partial 35 \) 27 \( \partial 44 \) 28 \( \partial 04 \) 28 \( \partial 14 \) 28 \( \partial 25 \) 28 \( \partial 36 \) 28 \( \partial 47 \) 28 \( \partial 58 \) 29 \( \partial 09 \)	03&51 04&46 05&41 06&36 07&31 08&25 09&20 10&14 11&08 12&02 12&56 13&50 14&43 15&37 16&30	03M33 03M17 03M02 02M46 02M31 02M16 02M01 01M46 01M32 01M17 01M03 00M49 00M36 00M22 00M09	12×20 12×33 12×47 13×00 13×12 13×25 13×37 13×49 14×01 14×12 14×24 14×35 14×46 14×56 15×06	10\(^23\) 10\(^29\) 10\(^34\) 10\(^43\) 10\(^47\) 10\(^50\) 10\(^55\) 10\(^55\) 10\(^55\) 10\(^59\) 10\(^59\) 10\(^59\)	03\$26 03\$30 03\$35 03\$39 03\$44 03\$48 03\$53 03\$57 04\$02 04\$07 04\$11 04\$16 04\$21 04\$26 04\$31	25-56 25-46 25-35 25-25 25-15 25-05 24-55 24-46 24-37 24-28 24-19 24-11 24-03 23-56 23-48	14T48 15T10 15T32 15T54 16T16 16T37 16T59 17T21 17T42 18T04 18T25 18T46 19T08 19T29 19T50	13×11 13×04 12×56 12×48 12×40 12×31 12×22 12×12 11×52 11×41 11×30 11×19 11×08 10×56	08&20 08&31 08&43 08&55 09&07 09&19 09&32 09&44 09&57 10&10 10&23 10&37 10&50 11&04 11&18
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	09 8 31 09 8 55 10 8 19 10 8 43 11 8 08 11 8 32 11 8 56 12 8 21 12 8 45 13 8 09 13 8 33 13 8 58 14 8 22 14 8 46 15 8 10 15 8 35	26 \( \pi 52 \) 27 \( \pi 00 \) 27 \( \pi 08 \) 27 \( \pi 17 \) 27 \( \pi 26 \) 27 \( \pi 35 \) 27 \( \pi 44 \) 27 \( \pi 54 \) 28 \( \pi 04 \) 28 \( \pi 14 \) 28 \( \pi 25 \) 28 \( \pi 36 \) 28 \( \pi 47 \) 28 \( \pi 58 \) 29 \( \pi 09 \) 29 \( \pi 20 \)	03&51 04&46 05&41 06&36 07&31 08&25 09&20 10&14 11&08 12&02 12&56 13&50 14&43 15&37 16&30 17&23	03M33 03M17 03M02 02M46 02M31 02M16 02M01 01M46 01M32 01M17 01M03 00M49 00M36 00M22 00M09 29456	12×20 12×33 12×47 13×00 13×12 13×25 13×37 13×49 14×01 14×12 14×24 14×35 14×46 14×56 15×06 15×17	10\(^12\)3 10\(^12\)9 10\(^13\)4 10\(^13\)9 10\(^14\)3 10\(^14\)7 10\(^15\)5 10\(^15\)5 10\(^15\)9 10\(^15\)9 10\(^15\)5 10\(^15\)9 10\(^15\)9 10\(^15\)5	03\$26 03\$30 03\$35 03\$39 03\$44 03\$48 03\$53 03\$57 04\$02 04\$07 04\$11 04\$16 04\$21 04\$26 04\$31 04\$36	25-56 25-46 25-35 25-25 25-15 25-05 24-55 24-46 24-37 24-28 24-11 24-03 23-56 23-48 23-41	14T48 15T10 15T32 15T54 16T16 16T37 16T59 17T21 17T42 18T04 18T25 18T46 19T08 19T29 19T50 20T11	13×11 13×04 12×56 12×48 12×40 12×31 12×22 12×12 12×30 11×52 11×41 11×30 11×19 11×08 10×56 10×44	08\( \pi 20\) 08\( \pi 31\) 08\( \pi 43\) 08\( \pi 55\) 09\( \pi 07\) 09\( \pi 19\) 09\( \pi 32\) 09\( \pi 44\) 09\( \pi 57\) 10\( \pi 10\) 10\( \pi 23\) 10\( \pi 37\) 11\( \pi 04\) 11\( \pi 18\) 11\( \pi 32\)
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	09 8 31 09 8 55 10 8 19 10 8 43 11 8 08 11 8 32 11 8 56 12 8 21 12 8 45 13 8 09 13 8 33 13 8 58 14 8 22 14 8 46 15 8 10 15 8 35 15 8 59	26 \( \partial 52 \) 27 \( \partial 00 \) 27 \( \partial 08 \) 27 \( \partial 17 \) 27 \( \partial 26 \) 27 \( \partial 35 \) 27 \( \partial 44 \) 27 \( \partial 54 \) 28 \( \partial 04 \) 28 \( \partial 14 \) 28 \( \partial 25 \) 28 \( \partial 36 \) 28 \( \partial 47 \) 28 \( \partial 58 \) 29 \( \partial 09 \) 29 \( \partial 20 \) 29 \( \partial 32 \)	03&51 04&46 05&41 06&36 07&31 08&25 09&20 10&14 11&08 12&02 12&56 13&50 14&43 15&37 16&30 17&23 18&16	03M33 03M17 03M02 02M46 02M31 02M16 02M01 01M46 01M32 01M17 01M03 00M49 00M36 00M22 00M09 29456 2944	12×20 12×33 12×47 13×00 13×12 13×25 13×37 13×49 14×01 14×12 14×24 14×35 14×46 15×06 15×17 15×26	10\(^12\)3 10\(^12\)9 10\(^13\)4 10\(^13\)9 10\(^14\)3 10\(^14\)7 10\(^15\)9	03\$26 03\$30 03\$35 03\$39 03\$44 03\$48 03\$53 03\$57 04\$02 04\$07 04\$11 04\$16 04\$21 04\$26 04\$31 04\$36 04\$41	25-56 25-46 25-35 25-25 25-15 25-05 24-55 24-46 24-37 24-28 24-11 24-03 23-56 23-48 23-41 23-34	14T48 15T10 15T32 15T54 16T16 16T37 16T59 17T21 17T42 18T04 18T25 18T46 19T08 19T29 19T50 20T11 20T32	13x11 13x04 12x56 12x48 12x40 12x31 12x22 12x12 12x02 11x52 11x41 11x30 11x19 11x08 10x56 10x44 10x31	08\( \pi 20\) 08\( \pi 31\) 08\( \pi 43\) 08\( \pi 55\) 09\( \pi 07\) 09\( \pi 19\) 09\( \pi 32\) 09\( \pi 44\) 09\( \pi 57\) 10\( \pi 10\) 10\( \pi 23\) 10\( \pi 50\) 11\( \pi 04\) 11\( \pi 18\) 11\( \pi 32\) 11\( \pi 46\)
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	09 8 31 09 8 55 10 8 19 10 8 43 11 8 08 11 8 32 11 8 56 12 8 21 12 8 45 13 8 09 13 8 33 13 8 58 14 8 22 14 8 46 15 8 10 15 8 35 15 8 59 16 8 23	26 \( \partial 52 \) 27 \( \partial 00 \) 27 \( \partial 08 \) 27 \( \partial 17 \) 27 \( \partial 26 \) 27 \( \partial 35 \) 27 \( \partial 44 \) 27 \( \partial 54 \) 28 \( \partial 04 \) 28 \( \partial 14 \) 28 \( \partial 25 \) 28 \( \partial 36 \) 28 \( \partial 47 \) 28 \( \partial 58 \) 29 \( \partial 09 \) 29 \( \partial 20 \) 29 \( \partial 24 \) 29 \( \partial 44 \)	03&51 04&46 05&41 06&36 07&31 08&25 09&20 10&14 11&08 12&02 12&56 13&50 14&43 15&37 16&30 17&23 18&16 19&09	03m33 03m17 03m02 02m46 02m31 02m16 02m01 01m46 01m32 01m17 01m03 00m49 00m36 00m22 00m09 29\$56 29\$44 29\$32	12×20 12×33 12×47 13×00 13×12 13×25 13×37 13×49 14×01 14×12 14×24 14×35 14×46 15×06 15×17 15×26 15×36	10\(^12\)3 10\(^12\)9 10\(^13\)4 10\(^13\)9 10\(^14\)3 10\(^15\)9	03\$26 03\$30 03\$35 03\$39 03\$44 03\$48 03\$53 03\$57 04\$02 04\$07 04\$11 04\$16 04\$21 04\$26 04\$31 04\$36 04\$41	25 \( \textit{\textit{25}}\) 6 25 \( \textit{\textit{46}}\) 25 \( \textit{25}\) 25 \( \textit{25}\) 25 \( \textit{25}\) 24 \( \textit{25}\) 24 \( \textit{24}\) 24 \( \textit{24}\) 24 \( \textit{24}\) 23 \( \textit{25}\) 6 23 \( \textit{24}\) 23 \( \textit{24}\) 23 \( \textit{24}\) 4 23 \( \textit{23}\) 23 \( \textit{24}\)	14T48 15T10 15T32 15T54 16T16 16T37 16T59 17T21 17T42 18T04 18T25 18T46 19T08 19T29 19T50 20T11 20T32 20T53	13x11 13x04 12x56 12x48 12x40 12x31 12x22 12x12 12x02 11x52 11x41 11x30 11x19 11x08 10x56 10x44 10x31 10x19	08\(\alpha\) 20 08\(\alpha\) 31 08\(\alpha\) 43 08\(\alpha\) 55 09\(\alpha\) 07 09\(\alpha\) 19 09\(\alpha\) 32 09\(\alpha\) 44 09\(\alpha\) 57 10\(\alpha\) 10 10\(\alpha\) 50 11\(\alpha\) 04 11\(\alpha\) 18 11\(\alpha\) 32 11\(\alpha\) 46 12\(\alpha\) 00
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	09 8 31 09 8 55 10 8 19 10 8 43 11 8 08 11 8 32 11 8 56 12 8 21 12 8 45 13 8 09 13 8 33 13 8 58 14 8 22 14 8 46 15 8 10 15 8 35 15 8 59	26&52 27&00 27&08 27&17 27&26 27&35 27&44 27&54 28&04 28&14 28&25 28&47 28&58 29&09 29&20 29&32 29&44 29&57	03&51 04&46 05&41 06&36 07&31 08&25 09&20 10&14 11&08 12&02 12&56 13&50 14&43 15&37 16&30 17&23 18&16	03M33 03M17 03M02 02M46 02M31 02M16 02M01 01M46 01M32 01M17 01M03 00M49 00M36 00M22 00M09 29456 2944	12×20 12×33 12×47 13×00 13×12 13×25 13×37 13×49 14×01 14×12 14×24 14×35 14×46 15×06 15×17 15×26	10\(^12\)3 10\(^12\)9 10\(^13\)4 10\(^13\)9 10\(^14\)3 10\(^14\)7 10\(^15\)9	03\$26 03\$30 03\$35 03\$39 03\$44 03\$48 03\$53 03\$57 04\$02 04\$07 04\$11 04\$16 04\$21 04\$26 04\$31 04\$36 04\$41	25-56 25-46 25-35 25-25 25-15 25-05 24-55 24-46 24-37 24-28 24-11 24-03 23-56 23-48 23-41 23-34	14T48 15T10 15T32 15T54 16T16 16T37 16T59 17T21 17T42 18T04 18T25 18T46 19T08 19T08 19T50 20T11 20T32 20T53 21T13	13x11 13x04 12x56 12x48 12x40 12x31 12x22 12x12 12x02 11x52 11x41 11x30 11x19 11x08 10x56 10x44 10x31	08\( \pi 20\) 08\( \pi 31\) 08\( \pi 43\) 08\( \pi 55\) 09\( \pi 07\) 09\( \pi 19\) 09\( \pi 32\) 09\( \pi 44\) 09\( \pi 57\) 10\( \pi 10\) 10\( \pi 23\) 10\( \pi 50\) 11\( \pi 04\) 11\( \pi 18\) 11\( \pi 32\) 11\( \pi 46\)
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	09 8 31 09 8 55 10 8 19 10 8 43 11 8 08 11 8 32 11 8 56 12 8 21 12 8 45 13 8 09 13 8 33 13 8 58 14 8 22 14 8 46 15 8 10 15 8 35 15 8 59 16 8 23	26 \( \partial 52 \) 27 \( \partial 00 \) 27 \( \partial 08 \) 27 \( \partial 17 \) 27 \( \partial 26 \) 27 \( \partial 35 \) 27 \( \partial 44 \) 27 \( \partial 54 \) 28 \( \partial 04 \) 28 \( \partial 14 \) 28 \( \partial 25 \) 28 \( \partial 36 \) 28 \( \partial 47 \) 28 \( \partial 58 \) 29 \( \partial 09 \) 29 \( \partial 20 \) 29 \( \partial 24 \) 29 \( \partial 44 \)	03&51 04&46 05&41 06&36 07&31 08&25 09&20 10&14 11&08 12&02 12&56 13&50 14&43 15&37 16&30 17&23 18&16 19&09	03m33 03m17 03m02 02m46 02m31 02m16 02m01 01m46 01m32 01m17 01m03 00m49 00m36 00m22 00m09 29\$56 29\$44 29\$32	12×20 12×33 12×47 13×00 13×12 13×25 13×37 13×49 14×01 14×12 14×24 14×35 14×46 15×06 15×17 15×26 15×36	10 10 10 10 10 10 10 10 10 10 10 10 10 1	03\$26 03\$30 03\$35 03\$39 03\$44 03\$48 03\$53 03\$57 04\$02 04\$07 04\$11 04\$16 04\$21 04\$26 04\$31 04\$36 04\$41	25 \( \textit{\textit{25}}\) 6 25 \( \textit{\textit{46}}\) 25 \( \textit{25}\) 25 \( \textit{25}\) 25 \( \textit{25}\) 24 \( \textit{25}\) 24 \( \textit{24}\) 24 \( \textit{24}\) 24 \( \textit{24}\) 23 \( \textit{25}\) 6 23 \( \textit{24}\) 23 \( \textit{24}\) 23 \( \textit{24}\) 4 23 \( \textit{23}\) 23 \( \textit{24}\)	14T48 15T10 15T32 15T54 16T16 16T37 16T59 17T21 17T42 18T04 18T25 18T46 19T08 19T29 19T50 20T11 20T32 20T53	13x11 13x04 12x56 12x48 12x40 12x31 12x22 12x12 12x02 11x52 11x41 11x30 11x19 11x08 10x56 10x44 10x31 10x19	08&20 08&31 08&43 08&55 09&07 09&19 09&32 09&44 09&57 10&10 10&23 10&37 10&50 11&04 11&18 11&32 11&46 12&00
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	09 8 31 09 8 55 10 8 19 10 8 43 11 8 08 11 8 32 11 8 56 12 8 21 12 8 45 13 8 09 13 8 33 13 8 58 14 8 22 14 8 46 15 8 10 15 8 35 16 8 23 16 8 47 17 8 11	26&52 27&00 27&08 27&17 27&26 27&35 27&44 27&54 28&04 28&14 28&25 28&47 28&58 29&09 29&20 29&32 29&44 29&57 00110	03&51 04&46 05&41 06&36 07&31 08&25 09&20 10&14 11&08 12&02 12&56 13&50 14&43 15&37 16&30 17&23 18&16 19&09 20&02 20&54	03m33 03m17 03m02 02m46 02m31 02m16 02m01 01m46 01m32 01m17 01m03 00m49 00m36 00m22 00m09 29\$\(\text{a}\)56 29\$\(\text{a}\)44 29\$\(\text{a}\)20 29\$\(\text{a}\)00 29\$\(\text{a}\)00	12×20 12×33 12×47 13×00 13×12 13×25 13×37 13×49 14×01 14×12 14×24 14×35 14×46 15×06 15×17 15×26 15×36 15×45 15×54	10 10 10 10 10 10 10 10 10 10 10 10 10 1	03\$26 03\$30 03\$35 03\$39 03\$44 03\$48 03\$53 03\$57 04\$02 04\$07 04\$11 04\$16 04\$21 04\$26 04\$31 04\$36 04\$41 04\$46 04\$51 04\$56	25 \( \text{\texi}\text{\text{\text{\text{\texi}\text{\texitex{\text{\text{\text{\text{\texit{\text{\t	14T48 15T10 15T32 15T54 16T16 16T37 16T59 17T21 17T42 18T04 18T25 18T46 19T08 19T29 19T50 20T11 20T32 20T53 21T13 21T34	13x11 13x04 12x56 12x48 12x31 12x22 12x12 12x02 11x52 11x41 11x30 11x19 11x08 10x56 10x44 10x31 10x19 10x06 09x53	08&20 08&31 08&43 08&55 09&07 09&19 09&32 09&44 09&57 10&10 10&23 10&37 10&50 11&04 11&18 11&32 11&46 12&00 12&14 12&29
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	09 8 31 09 8 55 10 8 19 10 8 43 11 8 08 11 8 32 11 8 56 12 8 21 12 8 45 13 8 09 13 8 33 13 8 58 14 8 22 14 8 46 15 8 10 15 8 35 16 8 23 16 8 47 17 8 11 17 8 35	26&52 27&00 27&08 27&17 27&26 27&35 27&44 27&54 28&04 28&14 28&25 28&36 28&47 28&58 29&09 29&20 29&32 29&44 29&57 00M10 00M23	03&51 04&46 05&41 06&36 07&31 08&25 09&20 10&14 11&08 12&02 12&56 13&50 14&43 15&37 16&30 17&23 18&16 19&09 20&02 20&54 21&47	03m33 03m17 03m02 02m46 02m31 02m16 02m01 01m46 01m32 01m17 01m03 00m49 00m36 00m22 00m09 29\$\(\text{a}\)56 29\$\(\text{a}\)4 29\$\(\text{a}\)20 29\$\(\text{a}\)09 28\$\(\text{a}\)58	12×20 12×33 12×47 13×00 13×12 13×25 13×37 13×49 14×01 14×12 14×24 14×35 14×46 15×06 15×17 15×26 15×36 15×45 15×54 16×03	10 10 10 10 10 10 10 10 10 10 10 10 10 1	03\$26 03\$30 03\$35 03\$39 03\$44 03\$48 03\$53 03\$57 04\$02 04\$07 04\$11 04\$16 04\$21 04\$36 04\$31 04\$36 04\$41 04\$51 04\$51	25 \( \text{\texi}\text{\text{\text{\texi{\text{\texi\texi{\text{\text{\text{\text{\text{\text{\text{\	14T48 15T10 15T32 15T54 16T16 16T37 16T59 17T21 17T42 18T04 18T25 18T46 19T08 19T29 19T50 20T11 20T32 20T53 21T13 21T34 21T55	13x11 13x04 12x56 12x48 12x31 12x22 12x12 12x02 11x52 11x41 11x30 11x19 11x08 10x56 10x44 10x31 10x19 10x06 09x53 09x39	08&20 08&31 08&43 08&55 09&07 09&19 09&32 09&44 09&57 10&10 10&23 10&37 10&50 11&04 11&18 11&32 11&46 12&00 12&14 12&29 12&44
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	09 8 31 09 8 55 10 8 19 10 8 43 11 8 08 11 8 32 11 8 56 12 8 21 12 8 45 13 8 09 13 8 33 13 8 58 14 8 22 14 8 46 15 8 10 15 8 35 16 8 23 16 8 47 17 8 11 17 8 35 18 8 00	26&52 27&00 27&08 27&17 27&26 27&35 27&44 27&54 28&04 28&14 28&25 28&36 28&47 28&58 29&09 29&20 29&32 29&44 29&57 00m10 00m23 00m36	03&51 04&46 05&41 06&36 07&31 08&25 09&20 10&14 11&08 12&02 12&56 13&50 14&43 15&37 16&30 17&23 18&16 19&09 20&02 20&54 21&47 22&39	03m33 03m17 03m02 02m46 02m31 02m16 02m01 01m46 01m32 01m17 01m03 00m49 00m36 00m22 00m09 29\$\textit{29}\$\textit{44}\$ 29\$\textit{29}\$\text	12×20 12×33 12×47 13×00 13×12 13×25 13×37 13×49 14×01 14×12 14×24 14×35 14×46 15×06 15×17 15×26 15×36 15×45 15×54 16×03 16×11	10 10 10 10 10 10 10 10 10 10 10 10 10 1	03\$26 03\$30 03\$35 03\$39 03\$44 03\$48 03\$53 03\$57 04\$02 04\$07 04\$11 04\$16 04\$21 04\$26 04\$31 04\$36 04\$41 04\$51 04\$56 05\$01 05\$06	25±56 25±46 25±35 25±15 25±05 24±55 24±46 24±37 24±28 24±11 24±03 23±56 23±41 23±34 23±28 23±22 23±16 23±11 23±05	14T48 15T10 15T32 15T54 16T16 16T37 16T59 17T21 17T42 18T04 18T25 18T46 19T08 19T29 19T50 20T11 20T32 20T53 21T13 21T34 21T55 22T15	13x11 13x04 12x56 12x48 12x31 12x22 12x12 12x02 11x52 11x41 11x30 11x19 11x08 10x56 10x44 10x31 10x19 10x06 09x53 09x39 09x26	08&20 08&31 08&43 08&55 09&07 09&19 09&32 09&44 09&57 10&10 10&23 10&37 10&50 11&04 11&32 11&46 12&00 12&14 12&29 12&44 12&59
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	09 8 31 09 8 55 10 8 19 10 8 43 11 8 08 11 8 32 11 8 56 12 8 21 12 8 45 13 8 09 13 8 33 13 8 58 14 8 22 14 8 46 15 8 10 15 8 59 16 8 23 16 8 47 17 8 11 17 8 35 18 8 00 18 8 24	26&52 27&00 27&08 27&17 27&26 27&35 27&44 27&54 28&04 28&14 28&25 28&36 28&47 28&58 29&09 29&20 29&32 29&44 29&57 00m10 00m23 00m36 00m49	03&51 04&46 05&41 06&36 07&31 08&25 09&20 10&14 11&08 12&02 12&56 13&50 14&43 15&37 16&30 17&23 18&16 19&09 20&02 20&54 21&47 22&39 23&31	03m33 03m17 03m02 02m46 02m31 02m16 02m01 01m46 01m32 01m17 01m03 00m49 00m36 00m22 00m09 29\$\text{\text{29}}\text{\text{29}}\text{\text{20}}\text{29}\$\text{\text{29}}\	12×20 12×33 12×47 13×00 13×12 13×25 13×37 13×49 14×01 14×12 14×24 14×35 14×46 15×16 15×16 15×36 15×45 15×45 15×54 16×03 16×11 16×19	10 10 10 10 10 10 10 10 10 10 10 10 10 1	03\$26 03\$30 03\$35 03\$39 03\$44 03\$48 03\$53 03\$57 04\$02 04\$07 04\$11 04\$16 04\$21 04\$26 04\$31 04\$36 04\$41 04\$56 05\$01 05\$06 05\$12	25 \( \text{\te}\text{\t	14T48 15T10 15T32 15T54 16T16 16T37 16T59 17T21 17T42 18T04 18T25 18T46 19T08 19T29 19T50 20T11 20T32 20T53 21T13 21T34 21T55 22T15 22T36	13x11 13x04 12x56 12x48 12x31 12x22 12x12 12x02 11x52 11x41 11x30 11x19 11x08 10x56 10x44 10x31 10x19 10x06 09x53 09x39 09x26 09x12	08&20 08&31 08&43 08&55 09&07 09&19 09&32 09&44 09&57 10&10 10&23 10&37 10&50 11&04 11&32 11&46 12&00 12&14 12&29 12&44 12&59 13&14
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25	09 8 31 09 8 55 10 8 19 10 8 43 11 8 08 11 8 32 11 8 56 12 8 21 12 8 45 13 8 09 13 8 33 13 8 58 14 8 22 14 8 46 15 8 10 15 8 59 16 8 23 16 8 47 17 8 11 17 8 35 18 8 00 18 8 24 18 8 48	26&52 27&00 27&08 27&17 27&26 27&35 27&44 27&54 28&04 28&14 28&25 28&36 28&47 28&58 29&09 29&20 29&32 29&44 29&57 00m10 00m23 00m36 00m49 01m02	03&51 04&46 05&41 06&36 07&31 08&25 09&20 10&14 11&08 12&02 12&56 13&50 14&43 15&37 16&30 17&23 18&16 19&09 20&02 20&54 21&47 22&39 23&31 24&23	03m33 03m17 03m02 02m46 02m31 02m16 02m01 01m46 01m32 01m17 01m03 00m49 00m36 00m22 00m09 29\$\(^2\)56 29\$\(^2\)42 29\$\(^2\)29\$\(^2\)09 28\$\(^2\)58 28\$\(^2\)47 28\$\(^2\)27	12×20 12×33 12×47 13×00 13×12 13×25 13×37 13×49 14×01 14×12 14×24 14×35 14×46 15×16 15×17 15×26 15×36 15×45 15×45 16×03 16×11 16×19 16×27	10 10 10 10 10 10 10 10 10 10 10 10 10 1	03\$26 03\$30 03\$35 03\$39 03\$44 03\$48 03\$53 03\$57 04\$02 04\$07 04\$11 04\$16 04\$21 04\$26 04\$31 04\$36 04\$41 04\$56 05\$01 05\$06 05\$12	25 \( \text{\texi}\text{\text{\text{\te\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\te	14T48 15T10 15T32 15T54 16T6 16T37 16T59 17T21 17T42 18T04 18T25 18T46 19T08 19T29 19T50 20T11 20T32 20T53 21T13 21T34 21T55 22T15 22T36 22T56	13x11 13x04 12x56 12x48 12x40 12x31 12x22 12x12 12x32 11x52 11x41 11x30 11x19 11x08 10x56 10x44 10x31 10x19 10x06 09x53 09x39 09x12 08x58	08&20 08&31 08&43 08&55 09&07 09&19 09&32 09&44 09&57 10&10 10&23 10&37 10&50 11&04 11&32 11&46 12&00 12&14 12&29 12&44 12&59 13&14 13&29
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26	09 8 31 09 8 55 10 8 19 10 8 43 11 8 08 11 8 32 11 8 56 12 8 21 12 8 45 13 8 09 13 8 33 13 8 58 14 8 22 14 8 46 15 8 10 15 8 35 16 8 23 16 8 47 17 8 11 17 8 35 18 8 00 18 8 24 18 8 48 19 8 12	26 \( \partial 52 \) 27 \( \partial 00 \) 27 \( \partial 08 \) 27 \( \partial 17 \) 27 \( \partial 26 \) 27 \( \partial 35 \) 27 \( \partial 44 \) 28 \( \partial 25 \) 28 \( \partial 36 \) 28 \( \partial 47 \) 28 \( \partial 58 \) 29 \( \partial 20 \) 29 \( \partial 44 \) 29 \( \partial 57 \) 00 \( \partial 10 \) 00 \( \partial 23 \) 00 \( \partial 36 \) 00 \( \partial 49 \) 01 \( \partial 702 \) 01 \( \partial 16 \)	03&51 04&46 05&41 06&36 07&31 08&25 09&20 10&14 11&08 12&02 12&56 13&50 14&43 15&37 16&30 17&23 18&16 19&09 20&02 20&54 21&47 22&39 23&31 24&23 25&15	03m33 03m17 03m02 02m46 02m31 02m16 02m01 01m46 01m32 01m17 01m03 00m49 00m36 00m22 00m09 29\$\(^2\)56 29\$\(^2\)42 29\$\(^2\)29\$\(^2\)09 28\$\(^2\)58 28\$\(^2\)47 28\$\(^2\)27 28\$\(^2\)218	12×20 12×33 12×47 13×00 13×12 13×25 13×37 13×49 14×01 14×12 14×24 14×35 14×46 15×6 15×17 15×26 15×36 15×45 15×54 16×03 16×11 16×19 16×27 16×35	10\(^12\)3 10\(^12\)9 10\(^13\)4 10\(^13\)9 10\(^14\)7 10\(^15\)9	03\$26 03\$30 03\$35 03\$39 03\$44 03\$48 03\$53 03\$57 04\$02 04\$07 04\$11 04\$16 04\$21 04\$26 04\$31 04\$36 04\$41 04\$46 04\$51 04\$56 05\$01 05\$06 05\$12 05\$22	25 \( \text{\texi}\text{\text{\text{\texi{\text{\texi\text{\text{\text{\text{\text{\text{\text{\text{\	14T48 15T10 15T32 15T54 16T16 16T37 16T59 17T21 17T42 18T04 18T25 18T46 19T08 19T29 19T50 20T11 20T32 20T53 21T13 21T34 21T55 22T15 22T36 22T56 23T17	13x11 13x04 12x56 12x48 12x31 12x31 12x22 12x12 12x02 11x52 11x41 11x30 11x19 11x08 10x56 10x44 10x31 10x19 10x06 09x53 09x39 09x26 09x12 08x58 08x45	08&20 08&31 08&43 08&55 09&07 09&19 09&32 09&44 09&57 10&10 10&23 10&50 11&04 11&18 11&32 11&46 12&00 12&14 12&29 12&44 13&29 13&44
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27	09 8 31 09 8 55 10 8 19 10 8 43 11 8 08 11 8 32 11 8 56 12 8 21 12 8 45 13 8 09 13 8 33 13 8 58 14 8 22 14 8 46 15 8 10 15 8 35 16 8 23 16 8 47 17 8 11 17 8 35 18 8 00 18 8 24 18 8 48 19 8 12 19 8 36	26 \( \alpha \) 52 27 \( \alpha \) 00 27 \( \alpha \) 08 27 \( \alpha \) 17 27 \( \alpha \) 26 27 \( \alpha \) 35 27 \( \alpha \) 44 28 \( \alpha \) 14 28 \( \alpha \) 25 28 \( \alpha \) 36 28 \( \alpha \) 47 28 \( \alpha \) 58 29 \( \alpha \) 09 29 \( \alpha \) 20 29 \( \alpha \) 32 29 \( \alpha \) 44 29 \( \alpha \) 57 00 \( \mathbf{m} \) 10 00 \( \mathbf{m} \) 23 00 \( \mathbf{m} \) 36 00 \( \mathbf{m} \) 49 01 \( \mathbf{m} \) 02 01 \( \mathbf{m} \) 16 01 \( \mathbf{m} \) 29	03&51 04&46 05&41 06&36 07&31 08&25 09&20 10&14 11&08 12&02 12&56 13&50 14&43 15&37 16&30 17&23 18&16 19&09 20&02 20&54 21&47 22&39 23&31 24&23 25&15 26&06	03m33 03m17 03m02 02m46 02m31 02m16 02m01 01m46 01m32 01m17 01m03 00m49 00m36 00m22 00m09 29 \$\text{a}\$56 29 \$\text{a}\$44 29 \$\text{a}\$2 29 \$\text{a}\$20 29 \$\text{a}\$58 28 \$\text{a}\$47 28 \$\text{a}\$18 28 \$\text{a}\$09	12×20 12×33 12×47 13×00 13×12 13×25 13×37 13×49 14×01 14×12 14×24 14×35 15×16 15×17 15×26 15×36 15×45 15×54 16×03 16×11 16×19 16×27 16×35 16×42	10 10 10 10 10 10 10 10 10 10 10 10 10 1	03\$26 03\$30 03\$35 03\$39 03\$44 03\$48 03\$53 03\$57 04\$02 04\$07 04\$11 04\$16 04\$21 04\$26 04\$31 04\$36 04\$41 04\$46 04\$51 04\$56 05\$01 05\$06 05\$12 05\$22 05\$28	25±56 25±45 25±25 25±05 24±55 24±46 24±37 24±28 24±11 24±03 23±56 23±48 23±41 23±34 23±28 23±11 23±05 23±11 23±05 23±01 22±56 22±52 22±48	14T48 15T10 15T32 15T54 16T16 16T37 16T59 17T21 17T42 18T04 18T25 18T46 19T08 19T29 19T50 20T11 20T32 20T53 21T13 21T34 21T55 22T15 22T36 22T56 23T17 23T37	13x11 13x04 12x56 12x48 12x40 12x31 12x22 12x12 12x32 11x52 11x52 11x41 11x30 11x19 11x08 10x56 10x44 10x31 10x19 10x06 09x53 09x39 09x12 08x58 08x45 08x31	08&20 08&31 08&43 08&55 09&07 09&19 09&32 09&44 09&57 10&10 10&23 10&50 11&04 11&18 11&32 11&46 12&00 12&14 12&29 12&44 13&29 13&44 13&29 13&44 13&29
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	09 8 31 09 8 55 10 8 19 10 8 43 11 8 08 11 8 32 11 8 56 12 8 21 12 8 45 13 8 09 13 8 33 13 8 58 14 8 22 14 8 46 15 8 10 15 8 35 16 8 47 17 8 11 17 8 35 18 8 00 18 8 24 18 8 48 19 8 12 19 8 36 20 8 00	26&52 27&00 27&08 27&17 27&26 27&35 27&44 27&54 28&04 28&14 28&25 28&47 28&58 29&09 29&20 29&32 29&44 29&57 00m23 00m36 00m49 01m02 01m16 01m29 01m43	03&51 04&46 05&41 06&36 07&31 08&25 09&20 10&14 11&08 12&02 12&56 13&50 14&43 15&37 16&30 17&23 18&16 19&09 20&02 20&54 21&47 22&39 23&31 24&23 25&15 26&06 26&58	03m33 03m17 03m02 02m46 02m31 02m16 02m01 01m46 01m32 01m17 01m03 00m49 00m36 00m22 00m09 29 \$\text{a}\$56 29 \$\text{a}\$44 29 \$\text{a}\$22 29 \$\text{a}\$20 29 \$\text{a}\$58 28 \$\text{a}\$47 28 \$\text{a}\$37 28 \$\text{a}\$18 28 \$\text{a}\$09 28 \$\text{a}\$00	12×20 12×33 12×47 13×00 13×12 13×25 13×37 13×49 14×01 14×12 14×24 14×35 15×16 15×17 15×26 15×36 15×45 15×45 16×11 16×19 16×27 16×35 16×42 16×49	10 10 10 10 10 10 10 10 10 10 10 10 10 1	03\$26 03\$30 03\$35 03\$39 03\$44 03\$48 03\$53 03\$57 04\$02 04\$07 04\$11 04\$16 04\$21 04\$26 04\$31 04\$36 04\$41 04\$46 04\$51 04\$56 05\$12 05\$17 05\$22 05\$28 05\$33	25-56 25-46 25-35 25-25 25-15 25-05 24-55 24-46 24-37 24-28 24-11 24-03 23-56 23-48 23-41 23-34 23-28 23-11 23-05 23-01 22-56 22-48 22-45	14T48 15T10 15T32 15T54 16T16 16T37 16T59 17T21 17T42 18T04 18T25 18T46 19T08 19T29 19T50 20T11 20T32 20T53 21T13 21T34 21T55 22T15 22T36 22T56 23T17 23T37 23T57	13x11 13x04 12x56 12x48 12x40 12x31 12x22 12x12 12x02 11x52 11x41 11x30 11x19 11x19 11x08 10x56 10x44 10x31 10x19 10x06 09x53 09x39 09x12 08x31 08x31 08x31	08&20 08&31 08&43 08&55 09&07 09&19 09&32 09&44 09&57 10&10 10&23 10&37 10&50 11&04 11&18 11&32 11&46 12&00 12&14 12&29 12&44 12&59 13&14 13&29 13&44 13&59 14&15
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29	09 8 31 09 8 55 10 8 19 10 8 43 11 8 08 11 8 32 11 8 56 12 8 21 12 8 45 13 8 09 13 8 33 13 8 58 14 8 22 14 8 46 15 8 10 15 8 35 16 8 23 16 8 47 17 8 11 17 8 35 18 8 00 18 8 24 18 8 48 19 8 12 19 8 36 20 8 00 20 8 24	26&52 27&00 27&08 27&17 27&26 27&35 27&44 27&54 28&04 28&14 28&25 28&47 28&58 29&09 29&20 29&32 29&44 29&57 00m'10 00m'23 00m'49 01m'02 01m'16 01m'29 01m'43 01m'57	03&51 04&46 05&41 06&36 07&31 08&25 09&20 10&14 11&08 12&02 12&56 13&50 14&43 15&37 16&30 17&23 18&16 19&09 20&02 20&54 21&47 22&39 23&31 24&23 25&15 26&06 26&58 27&49	03m33 03m17 03m02 02m46 02m31 02m16 02m01 01m46 01m32 01m17 01m03 00m49 00m36 00m22 00m09 29\$\(^2\)56 29\$\(^4\)4 29\$\(^2\)32 29\$\(^2\)20 29\$\(^2\)58 28\$\(^4\)7 28\$\(^2\)37 28\$\(^2\)28\$\(^2\)37 28\$\(^2\)28\$\(^2\)37 28\$\(^2\)28\$\(^2\)37	12×20 12×33 12×47 13×00 13×12 13×25 13×37 13×49 14×01 14×12 14×24 14×35 15×16 15×16 15×17 15×26 15×36 15×45 15×45 16×19 16×27 16×35 16×42 16×49 16×56	10 10 10 10 10 10 10 10 10 10 10 10 10 1	03\$26 03\$30 03\$35 03\$39 03\$44 03\$48 03\$57 04\$02 04\$07 04\$11 04\$16 04\$21 04\$26 04\$31 04\$36 04\$41 04\$46 04\$51 04\$56 05\$12 05\$17 05\$22 05\$28 05\$33 05\$39	25-56 25-46 25-35 25-25 25-15 25-05 24-55 24-46 24-37 24-28 24-11 24-03 23-56 23-48 23-41 23-34 23-28 23-11 23-05 23-11 23-05 23-01 22-56 22-48 22-45 22-42	14T48 15T10 15T32 15T54 16T16 16T37 16T59 17T21 17T42 18T04 18T25 18T46 19T08 19T29 19T50 20T11 20T32 20T53 21T13 21T34 21T55 22T15 22T36 22T56 23T17 23T37 24T17	13x11 13x04 12x56 12x48 12x40 12x31 12x22 12x12 12x02 11x52 11x41 11x30 11x19 11x08 10x56 10x44 10x31 10x19 10x06 09x53 09x39 09x26 09x12 08x31 08x17 08x02	08&20 08&31 08&43 08&55 09&07 09&19 09&32 09&44 09&57 10&10 10&23 10&37 10&50 11&04 11&18 11&32 11&46 12&00 12&14 12&29 12&44 12&59 13&14 13&29 13&44 13&59 14&15 14&30
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	09 8 31 09 8 55 10 8 19 10 8 43 11 8 08 11 8 32 11 8 56 12 8 21 12 8 45 13 8 09 13 8 33 13 8 58 14 8 22 14 8 46 15 8 10 15 8 35 16 8 47 17 8 11 17 8 35 18 8 00 18 8 24 18 8 48 19 8 12 19 8 36 20 8 00	26&52 27&00 27&08 27&17 27&26 27&35 27&44 27&54 28&04 28&14 28&25 28&47 28&58 29&09 29&20 29&32 29&44 29&57 00m23 00m36 00m49 01m02 01m16 01m29 01m43	03&51 04&46 05&41 06&36 07&31 08&25 09&20 10&14 11&08 12&02 12&56 13&50 14&43 15&37 16&30 17&23 18&16 19&09 20&02 20&54 21&47 22&39 23&31 24&23 25&15 26&06 26&58	03m33 03m17 03m02 02m46 02m31 02m16 02m01 01m46 01m32 01m17 01m03 00m49 00m36 00m22 00m09 29\$\(^2\)56 29\$\(^4\)4 29\$\(^3\)2 29\$\(^2\)09 28\$\(^3\)58 28\$\(^4\)7 28\$\(^3\)2 28\$\(^2\)2 28\$\(^3\)2 28\$\(^3\)2 28\$\(^3\)2 28\$\(^3\)2 28\$\(^3\)2 28\$\(^3\)2 21\$\(^3\)2 22\$\(^3\)2 23\(^3\)2 2444	12×20 12×33 12×47 13×00 13×12 13×25 13×37 13×49 14×01 14×12 14×24 14×35 14×46 15×06 15×17 15×26 15×36 15×45 15×54 16×03 16×11 16×19 16×27 16×35 16×42 16×49 16×56 17×02	10 10 10 10 10 10 10 10 10 10 10 10 10 1	03\$26 03\$30 03\$35 03\$39 03\$44 03\$48 03\$53 03\$57 04\$02 04\$07 04\$11 04\$16 04\$21 04\$26 04\$31 04\$36 04\$41 04\$46 04\$51 04\$56 05\$12 05\$17 05\$22 05\$28 05\$33 05\$39 05\$44	25 \( \text{\texi}\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{	14T48 15T10 15T32 15T54 16T16 16T37 16T59 17T21 17T42 18T04 18T25 18T46 19T08 19T08 20T11 20T32 20T53 21T13 21T34 21T55 22T15 22T56 23T17 23T37 24T17 24T37	13x11 13x04 12x56 12x48 12x40 12x31 12x22 12x12 12x02 11x52 11x41 11x30 11x19 11x19 11x08 10x56 10x44 10x31 10x19 10x06 09x53 09x39 09x12 08x31 08x31 08x31	08&20 08&31 08&43 08&55 09&07 09&19 09&32 09&44 09&57 10&10 10&23 10&37 10&50 11&04 11&18 11&32 11&46 12&00 12&14 12&29 12&44 12&59 13&14 13&29 13&44 13&59 14&15
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29	09 8 31 09 8 55 10 8 19 10 8 43 11 8 08 11 8 32 11 8 56 12 8 21 12 8 45 13 8 09 13 8 33 13 8 58 14 8 22 14 8 46 15 8 10 15 8 35 16 8 23 16 8 47 17 8 11 17 8 35 18 8 00 18 8 24 18 8 48 19 8 12 19 8 36 20 8 00 20 8 24	26&52 27&00 27&08 27&17 27&26 27&35 27&44 27&54 28&04 28&14 28&25 28&47 28&58 29&09 29&20 29&32 29&44 29&57 00m'10 00m'23 00m'49 01m'02 01m'16 01m'29 01m'43 01m'57	03&51 04&46 05&41 06&36 07&31 08&25 09&20 10&14 11&08 12&02 12&56 13&50 14&43 15&37 16&30 17&23 18&16 19&09 20&02 20&54 21&47 22&39 23&31 24&23 25&15 26&06 26&58 27&49	03m33 03m17 03m02 02m46 02m31 02m16 02m01 01m46 01m32 01m17 01m03 00m49 00m36 00m22 00m09 29\$\(^2\)56 29\$\(^4\)4 29\$\(^2\)32 29\$\(^2\)20 29\$\(^2\)58 28\$\(^4\)7 28\$\(^2\)37 28\$\(^2\)28\$\(^2\)37 28\$\(^2\)28\$\(^2\)37 28\$\(^2\)28\$\(^2\)37	12×20 12×33 12×47 13×00 13×12 13×25 13×37 13×49 14×01 14×12 14×24 14×35 15×16 15×16 15×17 15×26 15×36 15×45 15×45 16×19 16×27 16×35 16×42 16×49 16×56	10 10 10 10 10 10 10 10 10 10 10 10 10 1	03\$26 03\$30 03\$35 03\$39 03\$44 03\$48 03\$57 04\$02 04\$07 04\$11 04\$16 04\$21 04\$26 04\$31 04\$36 04\$41 04\$46 04\$51 04\$56 05\$12 05\$17 05\$22 05\$28 05\$33 05\$39	25-56 25-46 25-35 25-25 25-15 25-05 24-55 24-46 24-37 24-28 24-11 24-03 23-56 23-48 23-41 23-34 23-28 23-11 23-05 23-11 23-05 23-01 22-56 22-48 22-45 22-42	14T48 15T10 15T32 15T54 16T16 16T37 16T59 17T21 17T42 18T04 18T25 18T46 19T08 19T29 19T50 20T11 20T32 20T53 21T13 21T34 21T55 22T15 22T36 22T56 23T17 23T37 24T17	13x11 13x04 12x56 12x48 12x40 12x31 12x22 12x12 12x02 11x52 11x41 11x30 11x19 11x08 10x56 10x44 10x31 10x19 10x06 09x53 09x39 09x26 09x12 08x31 08x17 08x02	08&20 08&31 08&43 08&55 09&07 09&19 09&32 09&44 09&57 10&10 10&23 10&37 10&50 11&04 11&18 11&32 11&46 12&00 12&14 12&29 12&44 12&29 13&44 13&59 13&44 13&59 14&15 14&30

3 27Υ50 <u>25Ω25</u> 06S41 <u>10M34</u> 04≈33 04V344 01S50 <u>01M34</u> 03Υ49 13≯22 04Ω26

Day	Ceres	Juno			Psyche	Vesta	Chiron	•	Amor	Astarte	Erato
1	21 8 36	0211741	00 <b>m</b> 22	<u>27<b>≏</b>29</u>	17≈14	<u>09ฬ42</u>	05%55	<u>22<b>≏</b>34</u>	25介17	<u>07≯720</u>	15Ω18
2	22 8 00	02 <b>17</b> 56	0111712	<u>27<b>≏</b>22</u>	17≈19	<u>09134</u>	06%01	<u>22<b>≏</b>33</u>	25Ƴ37	<u>07≯706</u>	15ん34
3	22 8 24	0311711	0211703	<u>27<b>≏</b>16</u>	17≈24	<u>091325</u>	062806	<u>22<b>≏</b>31</u>	25介57	<u>06≯52</u>	15&50
4	22 8 48	031126	02MP53	<u>27<b>≏</b>10</u>	17≈29	<u>091315</u>	06%12	<u>22≏30</u>	26介16	<u>06≯38</u>	16Ω06
5	23 8 12	0311741	0311743	<u>27<b>≏</b>05</u>	17≈34	<u>091305</u>	06%17	<u>22<b>≏</b>30</u>	26Ƴ36	<u>06×124</u>	16 ე 23
6	23 8 36	031756	0411733	<u>27<b>≏</b>00</u>	17≈38	08V\$55	06%23	<u>22<b>-</b>29</u>	26 ↑ 55	<u>06≯10</u>	16 ე 39
7	24800	04112	051123	<u>26<b>≏</b>56</u>	17≈41	08V344	06%29	22-29	27 14	<u>05≯56</u>	16Ω56
8	24824	041128	06M713	<u>26<b>≏</b>52</u>	17≈45	08Vt33	06%34	22-30	27介33	<u>05≯43</u>	17Ω13
9	24 8 48	041744	07M702	<u>26<b>-</b></u> 48	17 <b>≈</b> 48	08V321	06%40	22-231	27 <b>Y</b> 52	05×730	17Ω30
10	25 8 11	05M700	07M752	<u>26-45</u>	17 <b>≈</b> 51	08V310	06%46	22-32	28 <b>T</b> 11	05×716	17Ω47
11	25 8 35	05MP16	081741	<u>26-242</u>	17≈53	07V\$57	06%52	22-233	28 730	05×703	18Ω04
12	25 8 59	05MP32	091730	<u>26<b>-</b></u> 40	17≈55	07/345	06857	22-35	28 <b>T</b> 49	04×751	18£21
13	26 8 23	05MP49	101111111111111111111111111111111111111	<u>26<b>-</b>38</u>	17≈57	07/32	07803	22-37	29 <sup>7</sup> 07	04×738	18 Q 38
14 15	26 & 46 27 & 10	06MP05 06MP22	11MP07 11MP56	<u>26<b>-</b>37</u> <u>26<b>-</b>36</u>	17≈58 17≈59	071320 071306	073609 073615	22 <b>△</b> 39 22 <b>△</b> 42	29 <sup>26</sup>	04×726	18£055
16	27 8 33	06M22	1211736	<u>26</u> <b>2</b> 35	17≈59 17≈59	06/353	07%15	22 <u>~</u> 42	00 8 03	<u>04 ≯ 14</u> <u>04 ≯ 03</u>	19 <i>Q</i> 13 19 <i>Q</i> 30
17	27 8 57	06M256	1311744	26 <del>-3</del> 5	17≈59 18≈00	06V339	07321	22 <del>-4</del> 5	00821	04×03 03×751	19&30 19&48
18	28 8 21	07MP13	1411/20	26 <del>-3</del> 5	18≈00	06V339	07333	22 <del>-</del> 52	00839	03×31 03×41	20&05
19	28 8 44	0711713	1511708	26 <del>-</del> 36	17≈59	06/320 06/312	07333	22 <del>-</del> 56	00 8 57	03×41	20 <sub>0</sub> 23
20	29807	07M748	1511756	26 <b>-</b> 37	17≈58	05V\$58	073330	23 <b>-</b> 201	01815	03×30	20&23
21	29 8 30	0811705	161743	26 <b>-</b> 39	<u>17≈50</u>	05/330 05/344	07350	23 <b>-</b> 06	01833	03×20	20&59
22	29 8 54	0811723	1711731	26 <b>-</b> 40	17 <b>≈</b> 56	05/329	073556	23 <b>-</b> 23	01851	03×10	21 <sub>Ω</sub> 17
23	00 II 18	0811720	181718	26 <b>-</b> 43	<u>17≈54</u>	05/325 05/315	08302	23 <b>-</b> 11	02808	02×751	21&35
24	00 X 41	0811758	191705	26-46	<u>17≈51</u>	05/ <del>3</del> 00	08208	23-21	02826	02×142	21 <sub>Ω</sub> 53
25	01 II 04	0911716	191752	26-49	<del>17≈49</del>	04V346	08%14	23-27	02843	02×34	22Ω11
26	01 II 28	0911734	201738	26 <b>-</b> 52	<del>17≈46</del>	04V\$31	08\$20	23-234	03800	02×26	22 Ω 29
27	01 X 51	0911752	211725	26-56	<u>17≈42</u>	04V317	08%26	23-40	03 8 17	02×19	22 Ω 48
28	02 X 14	1011/210	22 <b>M</b> 211	27-201	17≈39	04V302	08%32	23-47	03 8 34	02×12	23െ 06
29	02 <b>I</b> 37	101129	22 <b>m</b> 58	27 <b>-</b> 205	<u>17≈35</u>	03V348	08\$38	23-254	03 8 50	02×705	23&24
30	03 X 00	1011947	231744	27 <b>-</b> 211	<u>17≈30</u>	03V134	085344	24 <b>-</b> 201	04807	01×759	23&43
				July 1	000 000	0.00 Na.		\ /l. I .			
							/ York, Ne		ongituae		
Day	Ceres	Juno		Sappho	Psyche	Vesta	Chiron (	Ophelia	Amor	Astarte	Erato
1	03 🗷 23	1111706	24MP30	Sappho 27≏16	Psyche 17≈25	Vesta 03/119	Chiron 08850	Ophelia 24 <b>≏</b> 09	Amor 04 & 24	Astarte 01≯753	24&02
1 2	03 II 23 03 II 46	11MP06 11MP24	24MP30 25MP15	27 <b>≏</b> 16 27 <b>≏</b> 22	Psyche 17≈25 17≈20	Vesta 03/19 03/105	Chiron 08%50 08%56	Ophelia 24≏09 24≏17	Amor 04 & 24 04 & 40	Astarte 01≯53 01⊁48	24Ω02 24Ω20
1 2 3	03 II 23 03 II 46 04 II 09	11MP06 11MP24 11MP43	24M730 25M715 26M701	Sappho 27 <b>△</b> 16 27 <b>△</b> 22 27 <b>△</b> 28	Psyche 17≈25 17≈20 17≈14	Vesta 03/319 03/305 02/351	Chiron (08850 08856 09802	Ophelia 24≏09 24≏17 24≏25	Amor 04 & 24 04 & 40 04 & 56	Astarte 01⊀53 01⊀48 01⊀43	24\Omega 20 24\Omega 39
1 2 3 4	03 I 23 03 I 46 04 I 09 04 I 32	11MP06 11MP24 11MP43 12MP02	24M730 25M715 26M701 26M747	27 <b>△</b> 22 27 <b>△</b> 22 27 <b>△</b> 28 27 <b>△</b> 35	Psyche 17≈25 17≈20 17≈14 17≈09	Vesta 03ช19 03ช05 02ช51 02ช37	Chiron (08850 08856 09802 09808	Ophelia 24≏09 24≏17 24≏25 24≏33	Amor 04 8 24 04 8 40 04 8 56 05 8 12	Astarte 013/53 013/48 013/43 013/39	24\Q20 24\Q20 24\Q39 24\Q58
1 2 3 4 5	03 I 23 03 I 46 04 I 09 04 I 32 04 I 55	11MP06 11MP24 11MP43 12MP02 12MP21	24m30 25m15 26m01 26m47 27m32	27 <b>△</b> 26 27 <b>△</b> 22 27 <b>△</b> 28 27 <b>△</b> 35 27 <b>△</b> 42	Psyche 17≈25 17≈20 17≈14 17≈09 17≈02	Vesta 03\t/19 03\t/05 02\t/51 02\t/37 02\t/24	Chiron 0 08%50 08%56 09%02 09%08 09%14	Ophelia 24≏09 24≏17 24≏25 24≏33 24≏42	Amor 04 & 24 04 & 40 04 & 56 05 & 12 05 & 28	Astarte 01水53 01水48 01水43 01水39 01水35	24Ω02 24Ω20 24Ω39 24Ω58 25Ω17
1 2 3 4 5 6	03 I 23 03 I 46 04 I 09 04 I 32 04 I 55 05 I 18	11MP06 11MP24 11MP43 12MP02 12MP21 12MP40	24m30 25m15 26m01 26m47 27m32 28m17	27 <b>△</b> 16 27 <b>△</b> 22 27 <b>△</b> 28 27 <b>△</b> 35 27 <b>△</b> 42 27 <b>△</b> 49	Psyche 17≈25 17≈20 17≈14 17≈09 17≈02 16≈56	Vesta 031/19 031/05 021/51 021/37 021/24 021/10	Chiron 0 08%50 08%56 09%02 09%08 09%14 09%20	Ophelia 24△09 24△17 24△25 24△33 24△42 24△51	Amor 04 8 24 04 8 40 04 8 56 05 8 12 05 8 28 05 8 44	Astarte 013/53 013/48 013/43 013/39 013/35 013/32	24\(\Omega\) 02 24\(\Omega\) 29 24\(\Omega\) 39 24\(\Omega\) 58 25\(\Omega\) 17 25\(\Omega\) 35
1 2 3 4 5 6 7	03 I 23 03 I 46 04 I 09 04 I 32 04 I 55 05 I 18 05 I 40	11m706 11m724 11m743 12m702 12m721 12m740 12m759	24mr30 25mr15 26mr01 26mr47 27mr32 28mr17 29mr02	Sappho       27 ← 16       27 ← 22       27 ← 28       27 ← 35       27 ← 42       27 ← 49       27 ← 57	Psyche 17≈25 17≈20 17≈14 17≈09 17≈02 16≈56 16≈49	Vesta 03\td 19 03\td 05 02\td 51 02\td 37 02\td 24 02\td 10 01\td 57	Chiron (08\$50 08\$56 09\$02 09\$08 09\$14 09\$20 09\$26	Ophelia       24△09       24△17       24△25       24△33       24△42       24△51       25△00	Amor 04 8 24 04 8 40 04 8 56 05 8 12 05 8 28 05 8 44 05 8 59	Astarte 01 ₹ 53 01 ₹ 48 01 ₹ 43 01 ₹ 39 01 ₹ 35 01 ₹ 32 01 ₹ 29	24\(\alpha\) 02 24\(\alpha\) 20 24\(\alpha\) 39 24\(\alpha\) 58 25\(\alpha\) 17 25\(\alpha\) 35 25\(\alpha\) 54
1 2 3 4 5 6 7 8	03 II 23 03 II 46 04 II 09 04 II 32 04 II 55 05 II 18 05 II 40 06 II 03	11m06 11m24 11m43 12m02 12m21 12m40 12m59 13m18	24m30 25m15 26m01 26m47 27m32 28m17 29m02 29m47	27\(\text{\tin\text{\texi{\text{\texi{\text{\texite\tin\text{\text{\text{\text{\text{\texi}\tiex{\text{\texi}\texit{\text{\texi{\text{\text{\texi{\texi{\texi{\texi{\texi{\tex	Psyche 17≈25 17≈20 17≈14 17≈09 17≈02 16≈56 16≈49 16≈42	Vesta 03\t/19 03\t/05 02\t/51 02\t/37 02\t/24 02\t/10 01\t/57 01\t/44	Chiron (08\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	Ophelia       24\to 09       24\to 17       24\to 25       24\to 33       24\to 42       24\to 51       25\to 00       25\to 10	Amor 04 8 24 04 8 40 04 8 56 05 8 12 05 8 28 05 8 44 05 8 59 06 8 14	Astarte 01₹53 01₹48 01₹43 01₹39 01₹35 01₹32 01₹29 01₹27	24\Q02 24\Q20 24\Q39 24\Q58 25\Q17 25\Q35 25\Q54 26\Q13
1 2 3 4 5 6 7 8	03 I 23 03 I 46 04 I 09 04 I 32 04 I 55 05 I 18 05 I 40 06 I 03 06 I 26	11m06 11m24 11m43 12m02 12m21 12m40 12m59 13m18 13m37	24m30 25m15 26m01 26m47 27m32 28m17 29m02 29m47 00-32	27△16 27△22 27△28 27△35 27△42 27△49 27△57 28△05 28△13	Psyche 17#25 17#20 17#14 17#09 17#02 16#56 16#49 16#42 16#34	Vesta 03/19 03/105 02/151 02/137 02/124 02/110 01/157 01/144 01/131	Chiron 0 08\$50 08\$56 09\$02 09\$08 09\$14 09\$20 09\$26 09\$32 09\$38	Ophelia       24△09       24△17       24△25       24△33       24△42       24△51       25△00       25△10       25△20	Amor 04 8 24 04 8 40 04 8 56 05 8 12 05 8 28 05 8 44 05 8 59 06 8 14 06 8 30	Astarte 01≯53 01≯48 01≯43 01≯39 01≯35 01≯32 01≯29 01≯27 01≯25	24\(\Omega\) 02 24\(\Omega\) 29 24\(\Omega\) 39 24\(\Omega\) 58 25\(\Omega\) 17 25\(\Omega\) 54 26\(\Omega\) 13 26\(\Omega\) 32
1 2 3 4 5 6 7 8 9	03 I 23 03 I 46 04 I 09 04 I 32 04 I 55 05 I 18 05 I 40 06 I 03 06 I 26 06 I 48	11m06 11m24 11m43 12m02 12m21 12m40 12m59 13m18 13m37 13m56	24m30 25m15 26m01 26m47 27m32 28m17 29m02 29m47 00-32 01-17	Sappho       27△16       27△22       27△28       27△35       27△42       27△49       27△57       28△05       28△22	Psyche 17#25 17#20 17#14 17#09 17#02 16#56 16#49 16#42 16#34 16#26	Vesta 03\t19 03\t05 02\t05 02\t05 02\t05 02\t07 02\t07 02\t07 02\t07 01\t07 01\	Chiron (08\%50 08\%56 09\%02 09\%08 09\%14 09\%20 09\%32 09\%38 09\%44	Ophelia       24\$\to 09       24\$\to 17       24\$\to 25       24\$\to 33       24\$\to 42       24\$\to 51       25\$\to 00       25\$\to 10       25\$\to 20       25\$\to 30	Amor 04 8 24 04 8 40 04 8 56 05 8 12 05 8 28 05 8 44 05 8 59 06 8 14 06 8 30 06 8 45	Astarte 01x33 01x48 01x43 01x39 01x35 01x32 01x29 01x27 01x25 01x25	24\(\Omega\) 02 24\(\Omega\) 29 24\(\Omega\) 39 24\(\Omega\) 58 25\(\Omega\) 35 25\(\Omega\) 54 26\(\Omega\) 32 26\(\Omega\) 52
1 2 3 4 5 6 7 8 9 10	03 I 23 03 I 46 04 I 09 04 I 32 04 I 55 05 I 18 05 I 40 06 I 03 06 I 26 06 I 48 07 I 11	11m06 11m24 11m43 12m02 12m21 12m40 12m59 13m18 13m37 13m56 14m16	24m30 25m15 26m01 26m47 27m32 28m17 29m02 29m47 00-32 01-17 02-01	Sappho       27♠16       27♠22       27♠28       27♠35       27♠42       27♠49       27♠57       28♠05       28♠13       28♠31	Psyche 17#25 17#20 17#14 17#09 17#02 16#56 16#49 16#42 16#34 16#26 16#18	Vesta 03\t19 03\t05 02\t051 02\t051 02\t0737 02\t024 02\t010 01\t057 01\t044 01\t031 01\t07	Chiron (08\$50 08\$56 09\$02 09\$08 09\$14 09\$20 09\$32 09\$38 09\$44 09\$50	Ophelia       24△09       24△17       24△25       24△33       24△42       24△51       25△00       25△10       25△20       25△30       25△40	Amor 04 8 24 04 8 40 04 8 56 05 8 12 05 8 28 05 8 44 05 8 59 06 8 14 06 8 30 06 8 45 07 8 00	Astarte 01x33 01x48 01x43 01x39 01x35 01x32 01x29 01x27 01x25 01x23 01x23	24\(\alpha\) 02 24\(\alpha\) 20 24\(\alpha\) 39 24\(\alpha\) 58 25\(\alpha\) 17 25\(\alpha\) 55 26\(\alpha\) 13 26\(\alpha\) 32 26\(\alpha\) 52 27\(\alpha\) 11
1 2 3 4 5 6 7 8 9 10 11 12	03 I 23 03 I 46 04 I 09 04 I 32 04 I 55 05 I 18 05 I 40 06 I 03 06 I 26 06 I 48 07 I 11 07 I 33	11m06 11m24 11m43 12m02 12m21 12m40 12m59 13m18 13m37 13m56 14m16 14m35	24m30 25m15 26m01 26m47 27m32 28m17 29m02 29m47 00-32 01-217 02-201 02-46	Sappho       27♠16       27♠22       27♠28       27♠35       27♠42       27♠49       27♠57       28♠05       28♠13       28♠22       28♠31       28♠41	Psyche 17#25 17#20 17#14 17#09 17#02 16#56 16#49 16#42 16#34 16#26 16#18 16#10	Vesta 03\t19 03\t19 02\t151 02\t137 02\t124 02\t10 01\t157 01\t144 01\t131 01\t19 01\t107 00\t155	Chiron ( 08\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	Ophelia       24△09       24△17       24△25       24△33       24△42       24△51       25△00       25△10       25△20       25△30       25△40       25△50	Amor 04 8 24 04 8 40 04 8 56 05 8 12 05 8 28 05 8 44 05 8 59 06 8 14 06 8 30 06 8 45 07 8 00 07 8 14	Astarte 01x33 01x48 01x43 01x39 01x35 01x32 01x29 01x27 01x25 01x23 01x23 01x23	24\(\alpha\) 02 24\(\alpha\) 20 24\(\alpha\) 39 24\(\alpha\) 58 25\(\alpha\) 17 25\(\alpha\) 35 26\(\alpha\) 32 26\(\alpha\) 52 27\(\alpha\) 11 27\(\alpha\) 30
1 2 3 4 5 6 7 8 9 10 11 12 13	03 I 23 03 I 46 04 I 09 04 I 32 04 I 55 05 I 18 05 I 40 06 I 03 06 I 26 06 I 48 07 I 11 07 I 33 07 I 56	11m06 11m24 11m43 12m02 12m21 12m40 12m59 13m18 13m37 13m56 14m16 14m35 14m55	24m30 25m15 26m01 26m47 27m32 28m17 29m02 29m47 00-32 01-217 02-201 02-46 03-30	Sappho       27≏16       27≏22       27≏35       27≏42       27≏49       27≏57       28≏05       28≏13       28≏22       28≏31       28≏51	Psyche 17#25 17#20 17#14 17#09 17#02 16#56 16#49 16#42 16#34 16#26 16#18 16#10 16#01	Vesta 03\t19 03\t19 02\t151 02\t137 02\t124 02\t10 01\t157 01\t144 01\t131 01\t19 01\t107 00\t155 00\t143	Chiron ( 08\sigma 50 08\sigma 56 09\sigma 02 09\sigma 8 09\sigma 14 09\sigma 20 09\sigma 32 09\sigma 38 09\sigma 44 09\sigma 50 09\sigma 56 10\sigma 02	Ophelia       24△09       24△17       24△25       24△33       24△42       24△51       25△00       25△10       25△20       25△30       25△40       25△50       26△01	Amor 04 8 24 04 8 40 04 8 56 05 8 12 05 8 28 05 8 44 05 8 59 06 8 14 06 8 30 06 8 45 07 8 00 07 8 14 07 8 29	Astarte 01★53 01★48 01★43 01★39 01★35 01★32 01★27 01★25 01★23 01★23 01★22 01★22	24\(\alpha\) 02 24\(\alpha\) 20 24\(\alpha\) 58 25\(\alpha\) 17 25\(\alpha\) 35 25\(\alpha\) 54 26\(\alpha\) 32 26\(\alpha\) 52 27\(\alpha\) 11 27\(\alpha\) 30 27\(\alpha\) 49
1 2 3 4 5 6 7 8 9 10 11 12 13	03 I 23 03 I 46 04 I 09 04 I 32 04 I 55 05 I 18 05 I 40 06 I 03 06 I 26 06 I 48 07 I 11 07 I 33 07 I 56 08 I 18	11m06 11m24 11m43 12m02 12m21 12m40 12m59 13m18 13m37 13m56 14m16 14m35 14m55 15m14	24m30 25m15 26m01 26m47 27m32 28m17 29m02 29m47 00-32 01-17 02-01 02-46 03-30 04-14	Sappho       27≏16       27≏22       27≏35       27≏42       27≏49       27≏57       28≏13       28≏22       28≏31       28≏41       28≏51       29≏00	Psyche 17#25 17#20 17#14 17#09 17#02 16#56 16#49 16#42 16#34 16#26 16#18 16#10 16#01 15#52	Vesta 03/19 03/19 03/105 02/151 02/137 02/124 02/10 01/157 01/144 01/131 01/19 01/107 00/155 00/132	Chiron ( 08\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	Ophelia       24△09       24△17       24△25       24△33       24△42       24△51       25△00       25△10       25△20       25△30       25△40       25△50       26△12	Amor 04 8 24 04 8 40 04 8 56 05 8 12 05 8 28 05 8 44 05 8 59 06 8 14 06 8 30 06 8 45 07 8 00 07 8 14 07 8 29 07 8 43	Astarte 01★53 01★48 01★39 01★35 01★35 01★32 01★27 01★25 01★23 01★23 01★22 01★23	24\(\alpha\) 02 24\(\alpha\) 20 24\(\alpha\) 58 25\(\alpha\) 17 25\(\alpha\) 35 25\(\alpha\) 54 26\(\alpha\) 32 26\(\alpha\) 52 27\(\alpha\) 11 27\(\alpha\) 30 27\(\alpha\) 49 28\(\alpha\) 08
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	03 I 23 03 I 46 04 I 09 04 I 32 04 I 55 05 I 18 05 I 40 06 I 03 06 I 26 06 I 48 07 I 11 07 I 33 07 I 56 08 I 18 08 I 40	11m06 11m24 11m43 12m02 12m21 12m40 12m59 13m18 13m37 13m56 14m16 14m35 14m55 15m14 15m34	24m30 25m15 26m01 26m47 27m32 28m17 29m02 29m47 00-32 01-17 02-01 02-46 03-30 04-14 04-58	Sappho       27△16       27△22       27△28       27△35       27△42       27△49       27△57       28△05       28△13       28△21       28△31       28△41       29△00       29△11	Psyche 17#25 17#20 17#14 17#09 17#02 16#56 16#49 16#42 16#34 16#26 16#18 16#10 16#01 15#52 15#42	Vesta 03v119 03v305 02v351 02v337 02v324 02v310 01v357 01v344 01v31 01v319 01v307 00v355 00v32 00v322	Chiron ( 08\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	Ophelia       24 \( \times \) 09       24 \( \times \) 17       24 \( \times \) 25       24 \( \times \) 33       24 \( \times \) 42       24 \( \times \) 51       25 \( \times \) 00       25 \( \times \) 20       25 \( \times \) 40       25 \( \times \) 50       26 \( \times \) 03       26 \( \times \) 23	Amor 04 8 24 04 8 40 04 8 56 05 8 12 05 8 28 05 8 44 05 8 59 06 8 14 06 8 30 06 8 45 07 8 00 07 8 14 07 8 29 07 8 43 07 8 57	Astarte 01₹53 01₹48 01₹48 01₹39 01₹35 01₹32 01₹27 01₹25 01₹23 01₹23 01₹22 01₹22 01₹23 01₹24	24\(\alpha\) 02 24\(\alpha\) 20 24\(\alpha\) 39 24\(\alpha\) 58 25\(\alpha\) 54 26\(\alpha\) 13 26\(\alpha\) 32 26\(\alpha\) 52 27\(\alpha\) 11 27\(\alpha\) 30 27\(\alpha\) 49 28\(\alpha\) 08 28\(\alpha\) 28
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	03 I 23 03 I 46 04 I 09 04 I 32 04 I 55 05 I 18 05 I 40 06 I 03 06 I 26 06 I 48 07 I 11 07 I 33 07 I 56 08 I 18 08 I 40 09 I 02	11m06 11m24 11m43 12m02 12m21 12m40 12m59 13m18 13m37 13m56 14m16 14m35 14m55 15m14 15m34	24m30 25m15 26m01 26m47 27m32 28m17 29m02 29m47 00-32 01-17 02-01 02-46 03-30 04-14 04-58 05-42	Sappho       27△16       27△22       27△28       27△35       27△49       27△57       28△05       28△13       28△21       28△41       29△00       29△11       29△21	Psyche 17#25 17#20 17#14 17#09 17#02 16#56 16#49 16#42 16#34 16#26 16#18 16#10 16#01 15#52 15#42 15#33	Vesta 03v119 03v305 02v351 02v37 02v24 02v110 01v357 01v344 01v31 01v19 01v307 00v355 00v343 00v322 00v311	Chiron ( 08\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	Ophelia       24△09       24△17       24△25       24△33       24△42       25△00       25△10       25△20       25△30       25△40       25△50       26△12       26△23       26△35	Amor 04 8 24 04 8 40 04 8 56 05 8 12 05 8 28 05 8 44 05 8 59 06 8 14 06 8 30 06 8 45 07 8 00 07 8 14 07 8 29 07 8 43 07 8 57 08 8 11	Astarte 01₹53 01₹48 01₹43 01₹39 01₹35 01₹32 01₹27 01₹25 01₹23 01₹23 01₹22 01₹22 01₹23 01₹24 01₹25	24002 24020 24039 24058 25017 25035 25054 26013 26032 26052 27011 27030 27049 28008 28028 28047
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	03 I 23 03 I 46 04 I 09 04 I 32 04 I 55 05 I 18 05 I 40 06 I 03 06 I 26 06 I 48 07 I 11 07 I 33 07 I 56 08 I 18 08 I 40 09 I 02 09 I 02	11m06 11m24 11m43 12m02 12m21 12m40 12m59 13m18 13m37 13m56 14m16 14m35 14m55 15m14 15m34 15m54 16m13	24m30 25m15 26m01 26m47 27m32 28m17 29m02 29m47 00-32 01-17 02-01 02-46 03-30 04-14 04-58 05-42 06-26	Sappho       27△16       27△22       27△28       27△35       27△49       27△57       28△05       28△13       28△21       28△41       28△51       29△11       29△21       29△32	Psyche 17#25 17#20 17#14 17#09 17#02 16#56 16#49 16#42 16#34 16#26 16#18 16#10 16#01 15#52 15#42 15#33 15#23	Vesta 03\t19 03\t19 02\t151 02\t137 02\t124 02\t10 01\t157 01\t144 01\t131 01\t19 01\t107 00\t155 00\t143 00\t132 00\t122 00\t11 00\t101	Chiron ( 08\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	Ophelia       24-09       24-17       24-25       24-33       24-42       24-51       25-00       25-10       25-20       25-30       25-40       25-50       26-01       26-23       26-35       26-46	Amor 04 8 24 04 8 40 04 8 56 05 8 12 05 8 28 05 8 44 05 8 59 06 8 14 06 8 30 07 8 00 07 8 14 07 8 29 07 8 43 07 8 57 08 8 11 08 8 25	Astarte 01₹53 01₹48 01₹43 01₹39 01₹35 01₹32 01₹27 01₹25 01₹23 01₹23 01₹22 01₹23 01₹22 01₹25 01₹25 01₹27	24\(\alpha\) 02 24\(\alpha\) 20 24\(\alpha\) 39 24\(\alpha\) 58 25\(\alpha\) 17 25\(\alpha\) 54 26\(\alpha\) 32 26\(\alpha\) 52 27\(\alpha\) 11 27\(\alpha\) 30 27\(\alpha\) 49 28\(\alpha\) 08 28\(\alpha\) 28 28\(\alpha\) 47 29\(\alpha\) 06
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	03 I 23 03 I 46 04 I 09 04 I 32 04 I 55 05 I 18 05 I 40 06 I 03 06 I 26 06 I 48 07 I 11 07 I 33 07 I 56 08 I 18 08 I 40 09 I 02 09 I 25 09 I 47	11m06 11m24 11m43 12m02 12m21 12m40 12m59 13m18 13m37 13m56 14m16 14m35 14m55 15m14 15m34 15m54 16m13 16m33	24m30 25m15 26m01 26m47 27m32 28m17 29m02 29m47 00-32 01-17 02-01 02-46 03-30 04-14 04-58 05-42 06-26 07-09	Sappho       27△16       27△22       27△28       27△35       27△49       27△57       28△05       28△13       28△21       28△51       29△10       29△11       29△21       29△32       29△44	Psyche 17#25 17#20 17#14 17#09 17#02 16#56 16#49 16#42 16#34 16#26 16#18 16#10 16#01 15#52 15#42 15#33 15#23 15#13	Vesta 03\t19 03\t105 02\t151 02\t137 02\t124 02\t110 01\t157 01\t144 01\t131 01\t19 01\t107 00\t155 00\t143 00\t132 00\t122 00\t11 00\t101 29\times51	Chiron ( 08\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	Ophelia       24△09       24△17       24△25       24△33       24△42       25△00       25△10       25△20       25△30       25△40       25△50       26△12       26△23       26△35       26△46       26△58	Amor 04 8 24 04 8 40 04 8 56 05 8 12 05 8 28 05 8 44 05 8 59 06 8 14 06 8 30 07 8 00 07 8 14 07 8 29 07 8 43 07 8 57 08 8 11 08 8 25 08 8 39	Astarte 01₹53 01₹48 01₹43 01₹39 01₹35 01₹32 01₹29 01₹27 01₹25 01₹23 01₹22 01₹22 01₹22 01₹22 01₹27 01₹27 01₹27 01₹27	24\(\alpha\) 02 24\(\alpha\) 20 24\(\alpha\) 39 24\(\alpha\) 58 25\(\alpha\) 17 25\(\alpha\) 35 26\(\alpha\) 32 26\(\alpha\) 52 27\(\alpha\) 11 27\(\alpha\) 30 27\(\alpha\) 49 28\(\alpha\) 08 28\(\alpha\) 28 28\(\alpha\) 47 29\(\alpha\) 06 29\(\alpha\) 25
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	03 I 23 03 I 46 04 I 09 04 I 32 04 I 55 05 I 18 05 I 40 06 I 03 06 I 26 06 I 48 07 I 11 07 I 33 07 I 56 08 I 18 08 I 40 09 I 02 09 I 25 09 I 47 10 I 09	11m06 11m24 11m24 11m23 12m02 12m21 12m40 12m59 13m18 13m37 13m56 14m16 14m35 14m55 15m14 15m34 15m54 16m13 16m33 16m53	24m30 25m15 26m01 26m47 27m32 28m17 29m02 29m47 00-32 01-17 02-01 02-46 03-30 04-14 04-58 05-42 06-26 07-09 07-53	Sappho       27△16       27△22       27△28       27△35       27△49       27△57       28△13       28△22       28△31       28△41       28△51       29△11       29△21       29△32       29△44       29△55	Psyche 17#25 17#20 17#14 17#09 17#02 16#56 16#49 16#42 16#34 16#26 16#18 16#01 15#52 15#42 15#33 15#23 15#13	Vesta 03\t19 03\t105 02\t151 02\t137 02\t124 02\t110 01\t157 01\t144 01\t131 01\t19 01\t107 00\t155 00\t143 00\t132 00\t122 00\t11 00\t101 29\t751 29\t742	Chiron ( 08\\\\ 08\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	Ophelia       24△09       24△17       24△25       24△33       24△42       25△00       25△10       25△20       25△30       25△40       25△50       26△12       26△23       26△35       26△58       27△10	Amor 04 8 24 04 8 40 04 8 56 05 8 12 05 8 28 05 8 44 05 8 59 06 8 14 06 8 30 07 8 00 07 8 14 07 8 29 07 8 43 07 8 57 08 8 11 08 8 25 08 8 39 08 8 52	Astarte	24\(\alpha\) 02 24\(\alpha\) 29 24\(\alpha\) 39 24\(\alpha\) 35 25\(\alpha\) 54 25\(\alpha\) 53 25\(\alpha\) 54 26\(\alpha\) 32 26\(\alpha\) 52 27\(\alpha\) 11 27\(\alpha\) 30 27\(\alpha\) 49 28\(\alpha\) 08 28\(\alpha\) 28 28\(\alpha\) 47 29\(\alpha\) 06 29\(\alpha\) 25 29\(\alpha\) 45
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	03 I 23 03 I 46 04 I 09 04 I 32 04 I 55 05 I 18 05 I 40 06 I 03 06 I 26 06 I 48 07 I 11 07 I 33 07 I 56 08 I 18 08 I 40 09 I 02 09 I 25 09 I 47 10 I 09 10 I 31	11m06 11m24 11m24 12m02 12m21 12m40 12m59 13m18 13m37 13m56 14m16 14m35 14m55 15m14 15m34 15m34 16m33 16m33 16m53 17m13	24m30 25m15 26m01 26m47 27m32 28m17 29m02 29m47 00-32 01-17 02-01 02-46 03-30 04-14 04-58 05-42 06-26 07-09 07-53 08-36	Sappho       27 \( \$\text{\$	Psyche 17≈25 17≈20 17≈14 17≈09 17≈02 16≈56 16≈49 16≈42 16≈34 16≈26 16≈18 16≈01 15≈52 15≈42 15≈33 15≈23 15≈13 15≈02 14≈52	Vesta 03/s19 03/s105 02/s151 02/s17 02/s124 02/s10 01/s157 01/s144 01/s11 01/s19 01/s107 00/s155 00/s132 00/s122 00/s11 00/s01 29/s151 29/s133	Chiron ( 08\\\000356\) 09\\000302\) 09\\000308\) 09\\000314\) 09\\00032\) 09\\00032\) 09\\000332\) 09\\000338\) 09\\000344\) 09\\000356\) 10\\000308\) 10\\00031\) 10\\00031\) 10\\000337\) 10\\000343\)	Ophelia       24△09       24△17       24△25       24△33       24△42       25△00       25△10       25△20       25△30       25△40       25△50       26△12       26△23       26△35       26△58       27△20	Amor 04 8 24 04 8 40 04 8 56 05 8 12 05 8 28 05 8 44 05 8 59 06 8 14 06 8 30 07 8 00 07 8 14 07 8 29 07 8 43 07 8 57 08 8 11 08 8 25 08 8 39 08 8 52 09 8 06	Astarte	24002 24020 24039 24058 25017 25035 25054 26032 26052 27011 27030 27049 2808 28028 28047 29006 29025 29045 00005
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	03 I 23 03 I 46 04 I 09 04 I 32 04 I 55 05 I 18 05 I 40 06 I 03 06 I 26 06 I 48 07 I 11 07 I 33 07 I 56 08 I 18 08 I 40 09 I 02 09 I 25 09 I 47 10 I 09 10 I 31 10 I 53	11m06 11m24 11m43 12m02 12m21 12m40 12m59 13m18 13m37 13m56 14m16 14m35 14m55 15m14 15m34 15m34 16m13 16m33 16m53 17m13 17m33	24m30 25m15 26m01 26m47 27m32 28m17 29m02 29m47 00-32 01-17 02-01 02-46 03-30 04-14 04-58 05-42 06-26 07-09 07-53 08-36 09-19	Sappho       27△16       27△22       27△28       27△35       27△49       27△57       28△13       28△22       28△31       28△41       28△51       29△11       29△21       29△32       29△44       29△55       00m08       00m20	Psyche 17≈25 17≈20 17≈14 17≈09 17≈02 16≈56 16≈49 16≈42 16≈34 16≈26 16≈18 16≈10 15≈52 15≈33 15≈23 15≈13 15≈02 14≈52	Vesta 03\t19 03\t105 02\t151 02\t137 02\t124 02\t110 01\t157 01\t144 01\t131 01\t19 01\t107 00\t155 00\t132 00\t132 00\t11 00\t101 29\t751 29\t742 29\t733 29\t724	Chiron ( 08\\\000356\) 09\\000302\) 09\\000308\) 09\\000314\) 09\\00032\) 09\\00032\) 09\\000332\) 09\\000338\) 09\\000344\) 09\\000356\) 10\\000308\) 10\\000314\) 10\\000317\) 10\\000343\) 10\\000343\) 10\\000349\	Ophelia       24△09       24△17       24△25       24△33       24△42       25△00       25△10       25△20       25△30       25△40       25△50       26△12       26△23       26△35       26△58       27△10       27△23       27△35	Amor 04 8 24 04 8 40 04 8 56 05 8 12 05 8 28 05 8 44 05 8 59 06 8 14 06 8 30 07 8 00 07 8 14 07 8 29 07 8 43 07 8 57 08 8 11 08 8 25 08 8 39 08 8 52 09 8 06 09 8 19	Astarte	24&02 24&20 24&39 24&58 25&17 25&35 25&54 26&13 26&32 26&52 27&11 27&30 27&49 28&08 28&47 29&06 29&25 29&45 00m05 00m25
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	03 I 23 03 I 46 04 I 09 04 I 32 04 I 55 05 I 18 05 I 40 06 I 03 06 I 26 06 I 48 07 I 11 07 I 33 07 I 56 08 I 18 08 I 40 09 I 02 09 I 25 09 I 47 10 I 09 10 I 31	11m06 11m24 11m24 12m02 12m21 12m40 12m59 13m18 13m37 13m56 14m16 14m35 14m55 15m14 15m34 15m34 16m33 16m33 16m53 17m13	24m30 25m15 26m01 26m47 27m32 28m17 29m02 29m47 00-32 01-17 02-01 02-46 03-30 04-14 04-58 05-42 06-26 07-09 07-53 08-36	Sappho       27 \( \$\text{\$	Psyche 17≈25 17≈20 17≈14 17≈09 17≈02 16≈56 16≈49 16≈42 16≈34 16≈26 16≈18 16≈01 15≈52 15≈42 15≈33 15≈23 15≈13 15≈02 14≈52	Vesta 03/t19 03/t05 02/t51 02/t37 02/t24 02/t10 01/t57 01/t44 01/t31 01/t19 01/t07 00/t55 00/t43 00/t32 00/t32 00/t11 00/t01 29/51 29/42 29/33 29/24 29/16	Chiron ( 08\\\000356\) 09\\000302\) 09\\000308\) 09\\000314\) 09\\00032\) 09\\00032\) 09\\000332\) 09\\000338\) 09\\000344\) 09\\000356\) 10\\000308\) 10\\00031\) 10\\00037\) 10\\000343\)	Ophelia       24△09       24△17       24△25       24△33       24△42       25△00       25△10       25△20       25△30       25△40       25△50       26△12       26△23       26△35       26△58       27△20	Amor 04 8 24 04 8 40 04 8 56 05 8 12 05 8 28 05 8 44 05 8 59 06 8 14 06 8 30 07 8 00 07 8 14 07 8 29 07 8 43 07 8 57 08 8 11 08 8 25 08 8 39 08 8 52 09 8 06	Astarte	24002 24020 24039 24058 25017 25035 25054 26032 26052 27011 27030 27049 2808 28028 28047 29006 29025 29045 00005
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	03 I 23 03 I 46 04 I 09 04 I 32 04 I 55 05 I 18 05 I 40 06 I 03 06 I 26 06 I 48 07 I 11 07 I 33 07 I 56 08 I 18 08 I 40 09 I 02 09 I 25 09 I 47 10 I 09 10 I 31 10 I 53 11 I 14	11m06 11m24 11m24 12m02 12m21 12m40 12m59 13m18 13m37 13m56 14m16 14m35 14m55 15m14 15m34 15m34 16m13 16m33 16m53 17m13 17m33 17m33 17m53	24m30 25m15 26m01 26m47 27m32 28m17 29m02 29m47 00-32 01-17 02-01 02-46 03-30 04-14 04-58 05-42 06-26 07-09 07-53 08-36 09-19 10-02 10-45	Sappho       27△16       27△22       27△28       27△35       27△49       27△57       28△13       28△22       28△31       28△41       28△51       29△11       29△21       29△32       29△44       29△55       00m08       00m20       00m33	Psyche 17#25 17#20 17#14 17#09 17#02 16#56 16#49 16#42 16#34 16#26 16#18 16#10 16#01 15#52 15#42 15#33 15#23 15#33 15#02 14#41 14#30	Vesta 03/19 03/19 03/19 02/151 02/137 02/124 02/10 01/157 01/144 01/131 01/19 01/107 00/155 00/143 00/132 00/122 00/11 00/101 29/16 29/16 29/10	Chiron ( 08\$50 08\$56 09\$02 09\$08 09\$14 09\$20 09\$26 09\$32 09\$38 09\$44 09\$50 09\$56 10\$02 10\$08 10\$14 10\$19 10\$25 10\$31 10\$37 10\$43 10\$49 10\$55 11\$00	Ophelia           24 \( \$\text{\$\tex{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$	Amor 04 8 24 04 8 40 04 8 56 05 8 12 05 8 28 05 8 44 05 8 59 06 8 14 06 8 30 07 8 00 07 8 14 07 8 29 07 8 43 07 8 57 08 8 11 08 8 25 08 8 39 08 8 52 09 8 06 09 8 19 09 8 31	Astarte	24002 24020 24039 24039 24035 25017 25035 25054 26013 26032 26052 27011 27030 27049 28008 28028 28047 2906 29025 29045 00m05 00m25 00m44 01m04
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	03 I 23 03 I 46 04 I 09 04 I 32 04 I 55 05 I 18 05 I 40 06 I 03 06 I 26 06 I 48 07 I 11 07 I 33 07 I 56 08 I 18 08 I 40 09 I 02 09 I 25 09 I 47 10 I 09 10 I 31 10 I 53 11 I 14 11 I 36	11m06 11m24 11m24 12m02 12m21 12m40 12m59 13m18 13m37 13m56 14m16 14m35 14m55 15m14 15m34 15m34 16m33 16m33 16m53 17m13 17m33 17m33	24m30 25m15 26m01 26m47 27m32 28m17 29m02 29m47 00-32 01-17 02-01 02-46 03-30 04-14 04-58 05-42 06-26 07-09 07-53 08-36 09-19 10-02	Sappho       27△16       27△22       27△28       27△42       27△49       27△57       28△13       28△22       28△31       28△51       29△11       29△21       29△32       29△44       29△55       00m08       00m33       00m45	Psyche 17#25 17#20 17#14 17#09 17#02 16#56 16#49 16#42 16#34 16#26 16#18 16#10 16#01 15#52 15#42 15#33 15#23 15#33 15#02 14#41 14#30 14#19	Vesta 03/t19 03/t05 02/t51 02/t37 02/t24 02/t10 01/t57 01/t44 01/t31 01/t19 01/t07 00/t55 00/t43 00/t32 00/t32 00/t11 00/t01 29/51 29/42 29/33 29/24 29/16	Chiron ( 08\\displays 50 08\\displays 56 09\\displays 09\\displays 14 09\\displays 20 09\\displays 32 09\\displays 38 09\\displays 44 09\\displays 50 09\\displays 56 10\\displays 02 10\\displays 08 10\\displays 14 10\\displays 19 10\\displays 25 10\\displays 31 10\\displays 37 10\\displays 43 10\\displays 49 10\\displays 55	Ophelia         24△09         24△17         24△25         24△33         24△42         25△00         25△10         25△20         25△30         25△40         25△50         26△01         26△12         26△35         26△35         26△46         26△58         27△10         27△23         27△35         27△48	Amor 04 8 24 04 8 40 04 8 56 05 8 12 05 8 28 05 8 44 05 8 59 06 8 14 06 8 30 07 8 14 07 8 29 07 8 43 07 8 57 08 8 11 08 8 25 08 8 39 08 8 52 09 8 06 09 8 19 09 8 31 09 8 44	Astarte 01x33 01x48 01x39 01x35 01x32 01x27 01x25 01x23 01x23 01x23 01x22 01x22 01x22 01x22 01x23 01x23 01x24 01x33 01x36 01x40 01x44 01x49	24&02 24&20 24&39 24&35 25&17 25&35 25&54 26&13 26&32 26&52 27&11 27&30 27&49 28&08 28&28 28&47 29&06 29&25 29&45 00m05 00m25 00m44
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	03 I 23 03 I 46 04 I 09 04 I 32 04 I 55 05 I 18 05 I 40 06 I 03 06 I 26 06 I 48 07 I 11 07 I 33 07 I 56 08 I 18 08 I 40 09 I 02 09 I 25 09 I 47 10 I 09 10 I 31 10 I 53 11 I 14 11 I 36 11 I 58	11m06 11m24 11m24 12m02 12m21 12m40 12m59 13m18 13m37 13m56 14m16 14m35 14m55 15m14 15m34 15m34 16m33 16m33 16m53 17m13 17m33 17m33 17m33	24m30 25m15 26m01 26m47 27m32 28m17 29m02 29m47 00-32 01-17 02-01 02-46 03-30 04-14 04-58 05-42 06-26 07-09 07-53 08-36 09-19 10-02 10-45 11-28	Sappho       27△16       27△22       27△28       27△42       27△49       27△57       28△13       28△22       28△31       28△41       29△11       29△21       29△32       29△44       29△55       00m08       00m20       00m33       00m58	Psyche 17#25 17#20 17#14 17#09 17#02 16#56 16#49 16#42 16#34 16#26 16#18 16#10 16#01 15#52 15#42 15#33 15#02 14#52 14#41 14#30 14#19 14#07	Vesta 03/t19 03/t05 02/t51 02/t37 02/t24 02/t10 01/t57 01/t44 01/t31 01/t19 01/t07 00/t55 00/t43 00/t32 00/t32 00/t11 00/t01 29/51 29/33 29/342 29/316 29/309 29/302	Chiron ( 08\sigma 50 08\sigma 56 09\sigma 02 09\sigma 8 09\sigma 14 09\sigma 20 09\sigma 26 09\sigma 38 09\sigma 44 09\sigma 50 09\sigma 56 10\sigma 02 10\sigma 8 10\sigma 14 10\sigma 19 10\sigma 25 10\sigma 31 10\sigma 37 10\sigma 43 10\sigma 49 10\sigma 55 11\sigma 00 11\sigma 06	Ophelia           24 \( \$\text{\$\tex{\$\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{	Amor 04 8 24 04 8 40 04 8 56 05 8 12 05 8 28 05 8 44 05 8 59 06 8 14 06 8 30 06 8 45 07 8 00 07 8 14 07 8 29 07 8 43 07 8 57 08 8 11 08 8 25 08 8 39 08 8 52 09 8 06 09 8 19 09 8 31 09 8 44 09 8 56	Astarte 01★53 01★48 01★39 01★35 01★35 01★32 01★27 01★25 01★23 01★23 01★22 01★23 01★22 01★23 01★24 01★25 01★33 01★36 01★340 01★44 01★49 01★54	24\(\alpha\) 02 24\(\alpha\) 29 24\(\alpha\) 39 24\(\alpha\) 35 25\(\alpha\) 54 26\(\alpha\) 32 26\(\alpha\) 52 27\(\alpha\) 11 27\(\alpha\) 30 27\(\alpha\) 49 28\(\alpha\) 8 28\(\alpha\) 47 29\(\alpha\) 06 29\(\alpha\) 25 29\(\alpha\) 45 00\(\mathrm{m}\) 05 00\(\mathrm{m}\) 44 01\(\mathrm{m}\) 04
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25	03 I 23 03 I 46 04 I 09 04 I 32 04 I 55 05 I 18 05 I 40 06 I 03 06 I 26 06 I 48 07 I 11 07 I 33 07 I 56 08 I 18 08 I 40 09 I 02 09 I 25 09 I 47 10 I 09 10 I 31 10 I 53 11 I 1 4 11 I 36 11 I 58 12 I 19	11m06 11m24 11m24 12m02 12m21 12m40 12m59 13m18 13m37 13m56 14m16 14m35 14m55 15m14 15m34 15m54 16m13 16m33 16m53 17m13 17m33 17m53 18m14 18m34 18m54	24m30 25m15 26m01 26m47 27m32 28m17 29m02 29m47 00-32 01-17 02-01 02-46 03-30 04-14 04-58 05-42 06-26 07-09 07-53 08-36 09-19 10-02 10-45 11-28 12-11	Sappho       27△16       27△22       27△28       27△42       27△49       27△57       28△13       28△21       28△31       28△41       29△11       29△21       29△32       29△44       29△55       00m       01m       12	Psyche 17#25 17#20 17#14 17#09 17#02 16#56 16#49 16#42 16#34 16#26 16#18 16#10 16#01 15#52 15#42 15#33 15#23 15#31 15#02 14#52 14#41 14#30 14#19 14#07	Vesta 03v119 03v305 02v351 02v37 02v24 02v110 01v37 01v34 01v31 01v19 01v307 00v355 00v32 00v32 00v32 00v311 00v301 29x33 29x32 29x33 29x34 29x36 29x39 29x355	Chiron ( 08\sigma 50 08\sigma 56 09\sigma 02 09\sigma 8 09\sigma 14 09\sigma 20 09\sigma 32 09\sigma 38 09\sigma 44 09\sigma 50 09\sigma 56 10\sigma 02 10\sigma 8 10\sigma 14 10\sigma 19 10\sigma 25 10\sigma 31 10\sigma 37 10\sigma 43 10\sigma 49 10\sigma 55 11\sigma 00 11\sigma 06 11\sigma 12	Ophelia           24 \( \$\text{\$\tex{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$	Amor 04 8 24 04 8 40 04 8 56 05 8 12 05 8 28 05 8 44 05 8 59 06 8 14 06 8 30 06 8 45 07 8 00 07 8 14 07 8 29 07 8 43 07 8 57 08 8 11 08 8 25 08 8 39 08 8 52 09 8 06 09 8 19 09 8 31 09 8 44 09 8 56 10 8 09	Astarte 01x33 01x48 01x39 01x35 01x35 01x32 01x27 01x25 01x23 01x22 01x22 01x22 01x22 01x22 01x22 01x23 01x22 01x23 01x24 01x25 01x30 01x30 01x30 01x30 01x340 01x44 01x49 01x59	24&02 24&20 24&39 24&39 24&35 25&17 25&35 25&54 26&32 26&52 27&11 27&30 27&49 28&08 28&28 28&47 29&06 29&25 29&45 00m05 00m25 00m44 01m04 01m24 01m24
1 2 3 4 5 6 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26	03 I 23 03 I 46 04 I 09 04 I 32 04 I 55 05 I 18 05 I 40 06 I 03 06 I 26 06 I 48 07 I 11 07 I 33 07 I 56 08 I 18 08 I 40 09 I 02 09 I 25 09 I 47 10 I 09 10 I 31 11 I 14 11 I 36 11 I 158 12 I 19 12 I 41	11m06 11m24 11m43 12m02 12m21 12m40 12m59 13m18 13m37 13m56 14m16 14m35 14m55 15m14 15m34 15m54 16m13 16m33 16m53 17m13 17m33 17m53 18m14 18m34 18m54 19m14	24m30 25m15 26m01 26m47 27m32 28m17 29m02 29m47 00-32 01-17 02-01 02-46 03-30 04-14 04-58 05-42 06-26 07-09 07-53 08-36 09-19 10-02 10-45 11-28 12-11 12-53	Sappho         27☆16         27☆22         27☆28         27☆35         27☆49         27☆57         28☆05         28☆13         28☆21         28☆31         28☆41         29☆00         29☆11         29☆21         29☆32         29☆44         29☆55         00m08         00m20         00m33         00m45         01m12         01m25	Psyche 17#25 17#20 17#14 17#09 17#02 16#56 16#49 16#42 16#34 16#26 16#18 16#10 16#01 15#52 15#42 15#33 15#23 15#31 15#02 14#52 14#41 14#30 14#19 14#07 13#56 13#44	Vesta 03v119 03v305 02v351 02v37 02v24 02v110 01v357 01v344 01v31 01v19 01v307 00v355 00v32 00v32 00v32 00v32 00v32 29×33 29×34 29×33 29×34 29×36 29×39 29×30 28×55 28×49	Chiron ( 08\\displays 50 08\\displays 56 09\\displays 09\\displays 20 09\\displays 26 09\\displays 32 09\\displays 38 09\\displays 44 09\\displays 50 09\\displays 56 10\\displays 02 10\\displays 38 10\\displays 14 10\\displays 19 10\\displays 25 10\\displays 31 10\\displays 43 10\\displays 43 10\\displays 43 10\\displays 43 10\\displays 43 11\\displays 00 11\\displays 06 11\\displays 12 11\\displays 18	Ophelia           24-09           24-17           24-25           24-33           24-42           25-00           25-10           25-20           25-30           25-40           25-50           26-01           26-23           26-23           26-35           26-46           26-58           27-10           27-23           27-35           27-48           28-01           28-41           28-41	Amor 04 8 24 04 8 40 04 8 56 05 8 12 05 8 28 05 8 44 05 8 59 06 8 14 06 8 30 07 8 10 07 8 14 07 8 29 07 8 43 07 8 57 08 8 11 08 8 25 08 8 39 08 8 52 09 8 06 09 8 19 09 8 31 09 8 44 09 8 56 10 8 09 10 8 21	Astarte 01x33 01x48 01x39 01x35 01x35 01x32 01x27 01x25 01x23 01x22 01x22 01x22 01x22 01x22 01x23 01x22 01x23 01x22 01x33 01x33 01x33 01x34 01x34 01x34 01x349 01x54 01x59 02x06	24&02 24&20 24&39 24&39 24&35 25&17 25&35 25&54 26&13 26&32 26&52 27&11 27&30 27&49 28&08 28&28 28&47 29&06 29&25 29&45 00m05 00m25 00m44 01m04 01m24 01m24 02m03
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27	03 I 23 03 I 46 04 I 09 04 I 32 04 I 55 05 I 18 05 I 40 06 I 03 06 I 26 06 I 48 07 I 11 07 I 33 07 I 56 08 I 18 08 I 40 09 I 02 09 I 25 09 I 47 10 I 09 10 I 31 11 I 14 11 I 36 11 I 158 12 I 19 12 I 41 13 I 02	11m06 11m24 11m43 12m02 12m21 12m40 12m59 13m18 13m37 13m56 14m16 14m35 14m55 15m14 15m34 15m54 16m33 16m53 17m13 17m33 17m33 17m33 17m33 17m53 18m14 18m34 18m34 19m14 19m35	24m30 25m15 26m01 26m47 27m32 28m17 29m02 29m47 00-32 01-17 02-01 02-46 03-30 04-14 04-58 05-42 06-26 07-09 07-53 08-36 09-19 10-02 10-45 11-28 12-11 12-53 13-36	Sappho       27△16       27△22       27△28       27△49       27△57       28△05       28△13       28△21       28△31       28△41       29△11       29△21       29△32       29△44       29△55       00m       00m       00m       00m       00m       00m       00m       01m       25	Psyche 17#25 17#20 17#14 17#09 17#02 16#56 16#49 16#42 16#34 16#26 16#18 16#10 16#01 15#52 15#42 15#33 15#23 15#33 15#02 14#52 14#41 14#30 14#19 14#07 13#56 13#44 13#32	Vesta 03v119 03v305 02v351 02v37 02v24 02v10 01v357 01v344 01v31 01v19 01v107 00v355 00v32 00v32 00v122 00v111 00v301 29x51 29x33 29x24 29x33 29x24 29x36 29x30 29x302 28x55 28x49 28x43	Chiron ( 08\sigma 50 08\sigma 56 09\sigma 02 09\sigma 8 09\sigma 14 09\sigma 20 09\sigma 32 09\sigma 38 09\sigma 44 09\sigma 50 09\sigma 56 10\sigma 02 10\sigma 81 10\sigma 14 10\sigma 19 10\sigma 25 10\sigma 31 10\sigma 37 10\sigma 43 10\sigma 49 10\sigma 55 11\sigma 00 11\sigma 10 11\sigma 12 11\sigma 18 11\sigma 23	Ophelia           24-09           24-17           24-25           24-33           24-42           25-00           25-10           25-20           25-30           25-30           25-30           25-30           26-01           26-12           26-23           26-35           26-35           26-35           27-10           27-23           27-48           28-01           28-14           28-54	Amor 04 8 24 04 8 40 04 8 56 05 8 12 05 8 28 05 8 44 05 8 59 06 8 14 06 8 30 07 8 10 07 8 14 07 8 29 07 8 43 07 8 57 08 8 11 08 8 25 08 8 39 08 8 52 09 8 06 09 8 19 09 8 31 09 8 44 09 8 56 10 8 09 10 8 21 10 8 33	Astarte 01x33 01x48 01x39 01x35 01x35 01x32 01x27 01x25 01x23 01x22 01x22 01x23 01x22 01x23 01x22 01x23 01x24 01x25 01x33 01x33 01x36 01x40 01x40 01x44 01x54 01x59 02x06 02x12	24&02 24&20 24&20 24&29 24&39 24&38 25&17 25&35 25&54 26&32 26&52 27&11 27&30 27&49 28&08 28&28 28&47 29&06 29&25 29&45 00m05 00m25 00m25 00m24 01m04 01m24 01m24 01m24 01m23 02m03
1 2 3 4 5 6 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	03 I 23 03 I 46 04 I 09 04 I 32 04 I 55 05 I 18 05 I 40 06 I 03 06 I 26 06 I 48 07 I 11 07 I 33 07 I 56 08 I 18 08 I 40 09 I 02 09 I 25 09 I 47 10 I 09 10 I 31 11 I 14 11 I 36 11 I 158 12 I 19 12 I 41 13 I 02 13 I 24	11m06 11m24 11m24 11m43 12m02 12m21 12m40 12m59 13m18 13m37 13m56 14m16 14m35 14m55 15m14 15m34 15m54 16m13 16m33 16m53 17m13 17m33 17m33 17m33 17m33 17m33 17m33 17m53 18m14 18m34 19m14 19m35 19m55	24m30 25m15 26m01 26m47 27m32 28m17 29m02 29m47 00-32 01-17 02-01 02-46 03-30 04-14 04-58 05-42 06-26 07-09 07-53 08-36 09-19 10-02 10-45 11-28 12-11 12-53 13-36 14-18	Sappho         27\$\times 16         27\$\times 22         27\$\times 28         27\$\times 42         27\$\times 42         27\$\times 57         28\$\times 13         28\$\times 21         28\$\times 51         29\$\times 01         29\$\times 11         29\$\times 21         29\$\times 21         29\$\times 44         29\$\times 55         00\$\times 00         00\$\times 33         00\$\times 45         01\$\times 54	Psyche 17#25 17#20 17#14 17#09 17#02 16#56 16#49 16#42 16#34 16#26 16#18 16#10 16#01 15#52 15#42 15#33 15#23 15#33 15#23 15#13 15#02 14#41 14#30 14#19 14#07 13#56 13#44 13#32 13#20	Vesta 03\t19 03\t105 02\t151 02\t137 02\t124 02\t110 01\t157 01\t144 01\t131 01\t19 01\t107 00\t155 00\t143 00\t132 00\t122 00\t11 00\t101 29\t151 29\t142 29\t143 29\t142 29\t16 29\t102 28\t155 28\t143 28\t138	Chiron ( 08\sigma 50 08\sigma 56 09\sigma 02 09\sigma 09\sigma 14 09\sigma 20 09\sigma 32 09\sigma 38 09\sigma 44 09\sigma 50 09\sigma 56 10\sigma 02 10\sigma 08 10\sigma 14 10\sigma 19 10\sigma 25 10\sigma 31 10\sigma 37 10\sigma 43 10\sigma 49 10\sigma 55 11\sigma 00 11\sigma 06 11\sigma 12 11\sigma 18 11\sigma 23 11\sigma 29	Ophelia           24-09           24-17           24-25           24-33           24-42           25-00           25-10           25-20           25-30           25-40           25-50           26-01           26-23           26-23           26-35           26-46           26-35           27-10           27-23           27-48           28-01           28-14           28-54           29-08	Amor 04 8 24 04 8 40 04 8 56 05 8 12 05 8 28 05 8 44 05 8 59 06 8 14 06 8 30 07 8 10 07 8 14 07 8 29 07 8 43 07 8 57 08 8 11 08 8 25 08 8 39 08 8 52 09 8 06 09 8 19 09 8 31 09 8 44 09 8 56 10 8 09 10 8 21 10 8 33 10 8 44	Astarte 01x33 01x48 01x39 01x35 01x35 01x32 01x29 01x25 01x23 01x22 01x23 01x22 01x23 01x22 01x23 01x24 01x25 01x33 01x33 01x33 01x33 01x33 01x34 01x40 01x44 01x49 01x54 01x59 02x06 02x12 02x19	24&02 24&20 24&20 24&29 24&39 24&38 25&17 25&35 25&54 26&32 26&32 26&52 27&11 27&30 27&49 28&08 28&28 28&47 29&06 29&25 29&45 00m05 00m25 00m44 01m04 01m04 01m04 01m04 01m04 01m04 01m04

#### 17**△**06 02M53 12#31 28 🗷 22 119552 17<u>~</u>48 12×18 28 🗷 19 119557 03M08 18-230 03M24 12 205 28 🗷 16 12503

**Psyche** 

4 15 X 51 12508 11858 03 水 19 0511702 22MP20 19-2-11 03M40 11≈53 28 🗷 14 00M50 5 16 II 12 22MP41 19**△**53 03M56 11**≈**40 28×713 125614 01账06 12808 03729 05MP22 28 🗷 12 6 16 II 32 11 \$28 125319 12817 03 🗷 40 23MP01 20**-2**34 04M-13 01ሙ21 05MP42 7 06MP02

16 X 53 23MP22 21-15 04M30 11 \$15 28 🗷 11 12325 01M37 12 & 26 03 🗷 51 17 II 13 23MP43 21-256 04₩46 11≈02 28 🗷 11 12530 12835 04×702 06MP22 10≈50 17 II 33 24MP04 22-237 28 🗷 12 12536 02008 12844 04 ₹ 14 05M04 06MP43 0711703

Vesta

00126

00V337

00V348

01が00

011312

011324

01**13**6

011349

02Vt02

02V316

02が30

02V344

02V358

031313

03 % 28

031344

03Vt59

04V315

04V332

04V348

05が05

05/322

05が39

05が57

06 Vt 15

06**1**33

06が51

07が09

07Vt28

Vesta

August 1989, 00:00:00, New York, New York, Longitude

Chiron Ophelia

00M05

00M20

00M35

07M37

07M56

08M<sub>15</sub>

08M33

08M52

09凧11

09M30

09№49

10M<sub>09</sub>

10047

11 07

12M<sub>06</sub>

12M<sub>26</sub>

12 6

13M<sub>0</sub>6

13M<sub>26</sub>

13M46

14 07

14M<sub>27</sub>

14 0 48

15M<sub>08</sub>

15M<sub>29</sub>

16M52

17M·13

17瓜34

17M55

18瓜16

Chiron Ophelia

14%27

14531

14%36

14%40

145644

145648

14%52

14%56

15%00

15%03

15%07

15%11

15%14

15%18

15\21

152625

15%28

15%31

15534

15%37

15%41

15%43

155346

15%49

15%52

15\$55

15%57

16%00

16%02

14 B 27

14829

14831

14832

Amor

14833

14 g 33

14833

14833

14 X 32

14831

14 8 29

14827

14825

14 8 22

14 g 19

14815

14811

14806

14801

13 8 56

13 8 50

13843

13 8 36

13 & 29

13821

13 8 13

13804

12855

12845

12 8 35

12 g 25

12814

12 & 03

**Amor** 

11828

11838

11849

Astarte

02 751

03₹00

03×709

05≯04

05 ₹ 18

05≯32

05 ₹ 46

06701

06₺15

06₹30

06×746

07≯02

07×718

07 ₹34

07 ₹ 51

80×80

08 🗷 25

08 🗷 42

09₹00

09*≯*718

09 ₹36

09₹55

Astarte

10 🗷 14

10 🗷 33

10 7 52

11712

11732

11 7 52

12 7 12

12 7 32

12 7 53

13 🗷 14

13×735

13×757

14×718

14 🗷 40

15×702

15 7 24

15 7 47

16**₮**09

16×732

16<sup>才</sup>55

17*≯*18

17 🗷 41

18 🗷 05

18 🗷 28

18 🗷 52

19×716

19 7 40

20**₹**05

20729

Erato

0411702

041122

0417742

07MP23

07MP43

08MP03

08MP23

08MP44

09MP04

09MP24

09MP44

10MP05

10MP25

10MP45

11MP05

11MP26

11MP46

12MP06

12MP27

12MP47

13**M**207

13MP27

13MP48

14MP08

**Erato** 

14MP28

14MP49

15MP09

15MP29

15MP50

16MP10

16MP30

16MP50

17MP11

17MP31

17MP51

18M711

18MP32

18MP52

19MP12

19**17**32

19MP52

20MP12

20MP33

20MP53

21MP13

21MP33

21MP53

22MP13

22MP33

22MP53

23MP13

23MP33

23MP53

17 X 54 24MP25 23-218 10≈37 28 🗷 13 125641 02M25 12852 04≯726 28 🗷 14 125346 13800 04 ₹39 18 X 14 24MP47 23**-**59 05M39 10≈25 02M41 18 II 34 25MP08 24-240 05№56 10 \$ 13 28 🗷 16 12551 02M57 13808 04 🗷 51

18 II 54 25MP29 25-21 06**‰**14 10\\000001 28 🗷 18 12557 03M-14 13 X 15 09≈48 25MP50 26-201 06M33 28 🗷 21 135602 03M30 13 8 22 26MP11 26**-**42 06M51 09≈37 28 🗷 25 135607 03M47

14 19 II 13 15 19 II 33 13 8 29 16 19 X 53 26MP32 27-22 09 \$25 28 🗷 28 135612 13 8 35 07M 10 04M<sub>04</sub> 17 20 II 12 26MP54 28-202 07师28 09#13 28 🗷 33 135617 04M21 13842 13847

18 20 II 31 27MP 15 28**-**42 07M48 09≈02 28×737 13%22 04M38 19 20 X 50 27MP36 29-22 08M07 08 \$ 50 28 🗷 42 13527 04M56 20 21 II 10 27MP58 00M03 08M<sub>26</sub> 08 \$39 28 🗷 48 13532 05M13

13 8 53 13 8 58 21 21 II 28 28MP 19 08M46 08≈28 28 🗷 54 13537 14803 00M42 05M31 22 21 II 47 28MP40 09M06 08≈18 29 7 00 135342 05 € 49 23 22 II 06 29MP01 02002 09№26 08≈07 29 🗷 06 135646 06M06

14808 14812 24 22 II 25 29MP23 02 642 09№46 07\$57 29 🗷 14 13551 06M<sub>24</sub> 14816 25 22 I I 4329MP44 03M<sub>2</sub>1 10M<sub>0</sub>6 07#47 29 🗷 21 13556 06M42 14 g 19 26 23 X 01 00-206 04账01 07≈38 29 7 29 14%00 07M01 14822 27 14%05 14825

06≈46

06≈38

06≈31

06≈24

06≈18

06≈12

06 206

06≈01

05 \$ 56

05≈51

05\$\$47

05 \$\pi43

05 \$\pi40

05≈37

05≈34

05\\$32

<u>05≈30</u>

05≈28

05 \$ 27

05 \$\infty 26

05 \$\infty 26

05 \$\infty 26

05\pi27

05 \$\infty 27

05 \$\infty 29

05 \$\infty 30

05 \$ 32

05≈35

05≈37

23 II 19 00-28 04M40 10 6 4 7 07≈28 29 🗷 38 23 II 37 00~50 07≈19 29 🗷 47 05₩20 11M<sub>08</sub> 14%10 01-211 145614 23 II 55 05№59 11 1 1 2 9 07≈10 29 🗷 56 <u>07</u>≈02 24 II 13 01-233 001d06 14%18 06M38 14%23

14账02

14 0 2 4

14 14 46

15M<sub>0</sub>9

15M32

15M55

16M<sub>18</sub>

16 6 4 1

17M<sub>05</sub>

17M52

18M-16

18 640

19M<sub>0</sub>04

19M53

20M<sub>17</sub>

20 0 42

21M<sub>06</sub>

21M56

22M22

22M47

23 1 1 2

23M38

28 06≈54 24 X 31 01-254 07M·17 12 12 12 001 16 September 1989, 00:00:00, New York, New York, Longitude

29 30 31 Ceres **Eros Psyche** Day Juno

10M32

11 1 1 1 0

11 1 1 4 9

12M<sub>28</sub>

13账06

14 6 2 3

15M<sub>0</sub>1

15 0 4 0

16M<sub>18</sub>

16M-56

17M34

18M<sub>50</sub>

20№06

20 0 43

211121

21M59

22№36

23M52

24M29

25№06

25 № 44

**Eros** 

Juno

21MP18

2117738

21MP59

Sappho

Sappho 07№56 24 II 48 02-16 1 12M34

2 02-238 25 II 0508M35 12M55 

03-43

04-205

04-26

04-248

05 - 10

05-232

05-53

06-215

06-237

06-59

07-21

07-42

08 - 04

08-26

08-248

09-2-10

09-232

09-253

10**-**215

10-37

10-259

11-21

11<del>-</del>43

12-204

12**-2**26

3 25 II 22 02-59 09 14 25 II 39 03-21 4 09№53

25 II 56

26 II 12

26 II 29

26 II 45

27 II 01

27 II 17

27 II 33

27 I 48

28 II 04

5

6

Day

1 2

3

8

9

10

11

12

13

Ceres

14 II 48

15 II 09

15 X 30

12 13 14

25

26

27

28

29

00\$25

00238

00951

015604

019316

019328

015340

23 24

30	01351	12 <b>-2</b> 48	26M21			07V347					24MP12
			_					New York,			
Day	Ceres	Juno			Psyche			Ophelia	Amor	Astarte	Erato
1	02502	13≏10	26M59	24M-29	05≈44	901/80	16507	18M58	11838	21 🛪 18	241732
2	02%13	13 <b>≏</b> 32	27M36	24M55	05≈48	08V326	16509	191020	11826	21743	24M752
3	02524	13 <b>-</b> 54	28113	25M21	05 <b>≈</b> 52	081346	169311	191041	11813	22708	25MP12
4	02534	14 <b>-</b> 215	28M50	25M47	05≈57	09/305	169313	20M02	10 8 59	22734	25M731
5	02544	14 <b>-</b> 37	29M27	26M·13	06≈02	091326	169315	20№24	10845	22 🛪 59	25M751
6	02354	14 <b>≏</b> 59	00×704	26/140	06≈08	09V346	169317	201045	10831	23 🛪 24	26M711
7	03504	15-21	00×741	27M06	06 <b>≈</b> 13	101306	16919	211107	10816	23 🛪 50	26M730
8	03%13	15-42	01×19	27M33	06 <b>≈</b> 19	101327	16%20	211129	10801	24 🛪 16	26M750
9	03\$22	16-204	01×755	27M59	06≈26	101348	16%22	211150	<u>09 8 46</u>	24 🗷 42	27M710
10	03830	16 <b>≏</b> 26	02×732	28M26	06≈33	11/309	16%23	22112	<u>09 8 30</u>	25 7 08	27MP29
11	03539	16 <b>-</b> 48	03×709	28M53	06 <b>≈</b> 40	11/330	16%25	221134	<u>09 8 14</u>	25 🛪 34	27M748
12	039547	17 <b>≏</b> 09	03×746	29M·19	06 <b>≈</b> 48	111/352	16926	22M56	08 8 57	26×700	2811708
13	03554	17 <b>≏</b> 31	04×723	29146	06≈55	121314	16%27	23M·17	08841	26 🛪 26	281727
14	04302	17 <b>≏</b> 53	05×700	00 🗷 14	07 <b>≈</b> 04	121/35	16%29	231139	08 8 23	26 🛪 53	28MP47
15	04309	18≏14	05≯37	00×741	07≈12	12V\$57	16%30	24M <sub>0</sub> 1	08806	27 🛪 20	29MP05
16	049316	18 <b>-</b> 36	06×713	01709	07≈21	131320	16931	241123	<u>07 8 48</u>	27×746	291725
17	04%22	18 <b>≏</b> 57	06×750	01 🛪 36	07≈30	131342	16%32	241145	<u>07831</u>	28 🛪 13	29MP44
18	04%28	19 <b>≏</b> 19	07×727	02×704	07 <b>≈</b> 40	14/304	16%32	25№07	07 8 12	28 🛪 40	00-203
19	04534	19-241	08×703	02 731	07 <b>≈</b> 50	141/327	16%33	25№29	06 8 54	29 7 07	00-22
20	04939	20-02	08 <b>≯</b> 40	02759	00≈80	141350	16%34	25№51	<u>06 8 35</u>	29 🛪 34	00-241
21	045344	20-24	09×716	03 7 27	08≈10	151313	16%34	26M·14	<u>06 8 17</u>	00V302	01-200
22	04349	20 <b>≏</b> 45	09×753	03 🛪 55	08≈21	15 <b>1</b> 36	16%35	26№36	<u>05 8 58</u>	00Vt29	01≏19
23	04353	21 <b>-</b> 06	10 🗷 29	04×23	08≈32	15 <b>1</b> 359	16%35	26€58	<u>05 8 39</u>	00Vt56	01 <b>≏</b> 38
24	04357	21 <b>≏</b> 28	11706	04≯751	08 <b>≈</b> 44	16 <b>1</b> 323	16%36	27№20	<u>05 8 19</u>	01/324	01 <b>≏</b> 57
25	05&00	21 <b>-</b> 49	11742	05≯720	08≈55	16 <b>V</b> 346	16%36	27№43	<u>05800</u>	01ฬ52	02 <b>≏</b> 16
26	05&03	22 <b>-</b> 211	12 <b>才</b> 19	05≯748	09≈07	17V310	16%36	28№05	<u>04841</u>	02Vt20	02 <b>-</b> 34
27	05&06	22 <b>-</b> 32	12×755	06≯716	09≈20	17 <b>1</b> 34	<u> 16&amp;36</u>	28M27	<u>04 8 21</u>	02V347	02 <b>≏</b> 53
28	05&09	22 <b>≏</b> 53	13731	06≯745	09≈32	17 <b>1</b> 358	<u>16%36</u>	28M50	<u>04801</u>	03 <b>1</b> 315	03 <b>-</b> 2
* <u>29</u>	05%11	23 <b>≏</b> 16	14×709	07 <i>≯</i> 15	09≈46	18V323	<u>16%36</u>	29M <sub>13</sub>	03841	031345	03-231
30	05%12	23 <b>≏</b> 37	14 <i>≯</i> 745	07 <i>≯</i> 743	09≈59	18 <b>1</b> 347	<u> 16%35</u>	29№35	<u>03 8 21</u>	04V313	03 <b>≏</b> 49
31	059313	23 <b>≏</b> 58	15 <b>≯</b> 122	08 <i>≯</i> 12	10≈12	19V312	<u> 16%35</u>	29№57	<u>03 8 02</u>	04/341	04 <b>-</b> 208
						*DS	ST ends				
			N	Novembe	r 1989, 0			, New York	k, Longiti	ıde	
Day	Ceres	Juno						Ophelia		Astarte	Erato
1	05%14	24 <b>-</b> 219	15≯758	08≯741	10≈26	19V336	<u> 16%35</u>	00≯20	<u>02842</u>	05が09	04 <b>-</b> 26
2	05%15	24-240	16≯734	09才10			<u>16%34</u>		02 8 23	05/38	
3	05%15	25 <b>-</b> 201	17 <i>≯</i> 10	09≯739	10≈54	20V326	16%34		02803	06¥106	05 <b>-</b> 2
4	05%14	25 <b>≏</b> 23	17×747	10≯08	11≈09	20V\$51	16%33	01≯728	01844	06Vt35	05 <b>-</b> 20
5	05%13	25 <b>-</b> 244	18 🛪 23	10738	11≈23	211316	16%32	01才51	01825	07/304	05 <b>△</b> 38
6	05%12	26-205	18 🛪 59	11707	11≈38	21/341	16%31	02≯13	01806	07/32	05 <b>≏</b> 56
7	<u>05%11</u>	26 <b>-</b> 25	19≯735	11才36	11≈53	22V306	<u>16%30</u>	02≯736	00 8 47	08V301	06 <b>≏</b> 14
8	05809	26 <b>-</b> 46	20 🗷 11	12₹06	12≈09	22V\$31	16%29	02≯758	00 X 28	08130	06 <b>-</b> 32
9	<u>05%06</u>	27 <b>≏</b> 07	20⊀47	127/35	12≈25	22V\$57	16%28	03≯721	00 8 10	08 <b>1</b> 759	06 <b>-</b> 49
10	05803	27 <b>≏</b> 28	21才23	13🛪 05	12≈41	231322	16%27	03≯744	29T51	09V128	07 <b>≏</b> 07
11	05800	27 <b>-</b> 249	21才59	13🛪 35	12≈57	231348	16%26	04≯706	29 <u>733</u>	09ฬ57	07 <b>≏</b> 25
12	04356	28 <b>≏</b> 10	22735	14704	13≈13	241314	16324	04≯29	29 <b>T</b> 15	101326	07 <b>△</b> 42
13	04352	28 <b>-</b> 30	23≯711	14 <i>オ</i> 34	13≈30	24V340	<u>16%23</u>	04≯752	<u>28 T 58</u>	10 <b>1</b> 356	07 <b>-</b> 59
14	04348	28 <b>-</b> 51	23≯747	15≯704	13 <b>≈</b> 47	25 <b>1</b> 306	<u>16%21</u>	05≯14	<u>28Ƴ41</u>	111325	08 <b>≏</b> 16
15	04843	29 <b>≏</b> 11	24🛪23	15≯734	14≈04	25 <b>1</b> 32	16%20	05≯37	<u>28↑24</u>	111354	08 <b>-</b> 34
16	04338	29 <b>-</b> 31	24≯759	16 <b>水</b> 04	14≈21	25 <b>1</b> 358	<u>16%18</u>	06₹00	28 T 08	121324	08 <b>-</b> 51
17	04332	29 <b>-</b> 52	25≯35	16 <i>≯</i> ³35	14≈39	26V324	<u>16%16</u>	06≯723	<u>27Υ51</u>	121353	09 <b>-</b> 208
18	04326	00M-13	26≯711	17 <i>≯</i> 705	14≈56	26 <b>1</b> 351	<u>16%14</u>	06≯745	<u>27Υ35</u>	131323	09 <b>-</b> 24
19	04319	00M33	26≯47	17 <i>x</i> <sup>3</sup> 35	15≈14	27V317	16%12	07≯08	<u>27℃20</u>	131352	09-241
20	04812	00 <b>№</b> 53	27 <i>≯</i> 123	18≯706	15≈32	27V344	<u>16%10</u>	07≯731	27 <sub>705</sub>	141322	09 <b>≏</b> 58
21	01012				15≈51	28V310	16308	07≯754	26T50	141352	10 <b>≏</b> 14
Z 1	04305	01ጤ14	27≯759	18≯736	1001						
22	<u>04%05</u>	01ጤ14 01ጤ34		19×307	16≈09			08才16		151321	
22	04 <u>805</u> 03 <u>857</u>	01ሙ34	28≯734	19≯707	16≈09	28 <b>1</b> 37	<u>16%06</u>	08≯16 08≯39	<u>26 T 36</u>	15ฬ21	10 <b>≏</b> 31
22 23	04%05 03%57 03%49	01 <b>ቤ</b> 34 01 <b>ቤ</b> 54	28≯34 29≯10	19⊀707 19⊀737	16≈09 16≈28	28137 291103	<u>16%06</u> 16%04	08≯39	<u>26٣36</u> <u>26٣22</u>	151321 151351	10 <b>≏</b> 31 10 <b>≏</b> 47
22 23 24	04%05 03%57 03%49 03%41	01\mathbb{\mathbb{\pi}34} 01\mathbb{\mathbb{\pi}54} 02\mathbb{\mathbb{\mathbb{\pi}14}	28 🛪 34 29 🛪 10 29 🛪 46	19⊀07 19⊀37 20⊀08	16≈09 16≈28 16≈47	28137 29130 29130	16306 16304 16301	08≯39 09≯02	26 <u>736</u> 26 <u>722</u> 26 <u>708</u>	151321 151351 161321	10 <u></u> 31 10 <u></u> 47 11 <u>0</u> 3
22 23	04%05 03%57 03%49	01 <b>ቤ</b> 34 01 <b>ቤ</b> 54	28≯34 29≯10	19⊀707 19⊀737	16≈09 16≈28	28137 291103	<u>16%06</u> 16%04	08≯39	<u>26٣36</u> <u>26٣22</u>	151321 151351	10 <b>≏</b> 31 10 <b>≏</b> 47