

**Tables to be used in calculating nativities; comprising tables of declination, right ascension, ascensional difference, and polar elevation; also tables of houses for London and Liverpool / Computed by Zadkiel.**

**Contributors**

Zadkiel, 1795-1874.

**Publication/Creation**

London : Sherwood, Gilbert, and Piper, 1834.

**Persistent URL**

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TABLES  
FOR  
CALCULATING NATIVITIES;  
COMPUTED BY  
ZADKIEL.  
—  
2s. 6d.

N J

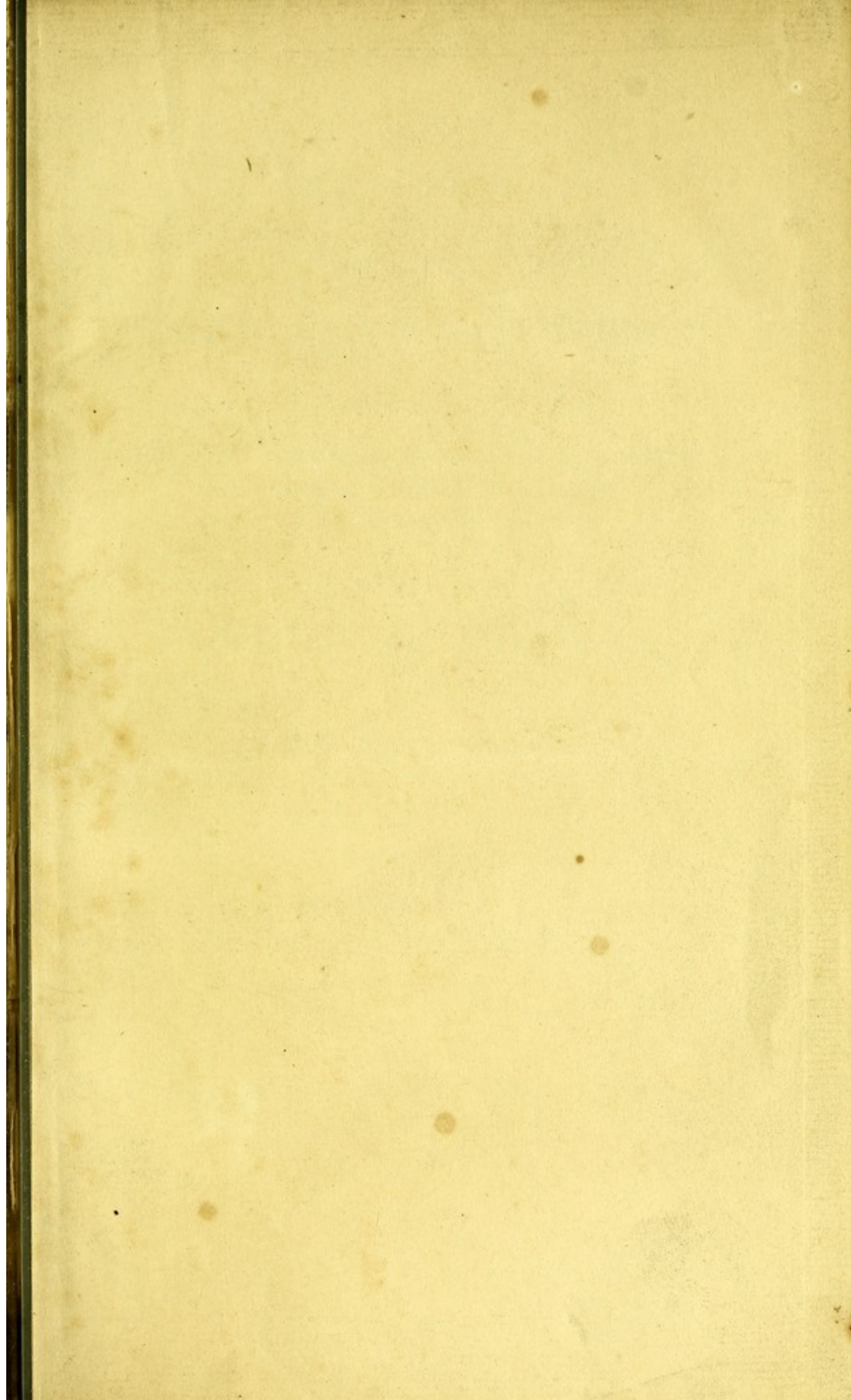
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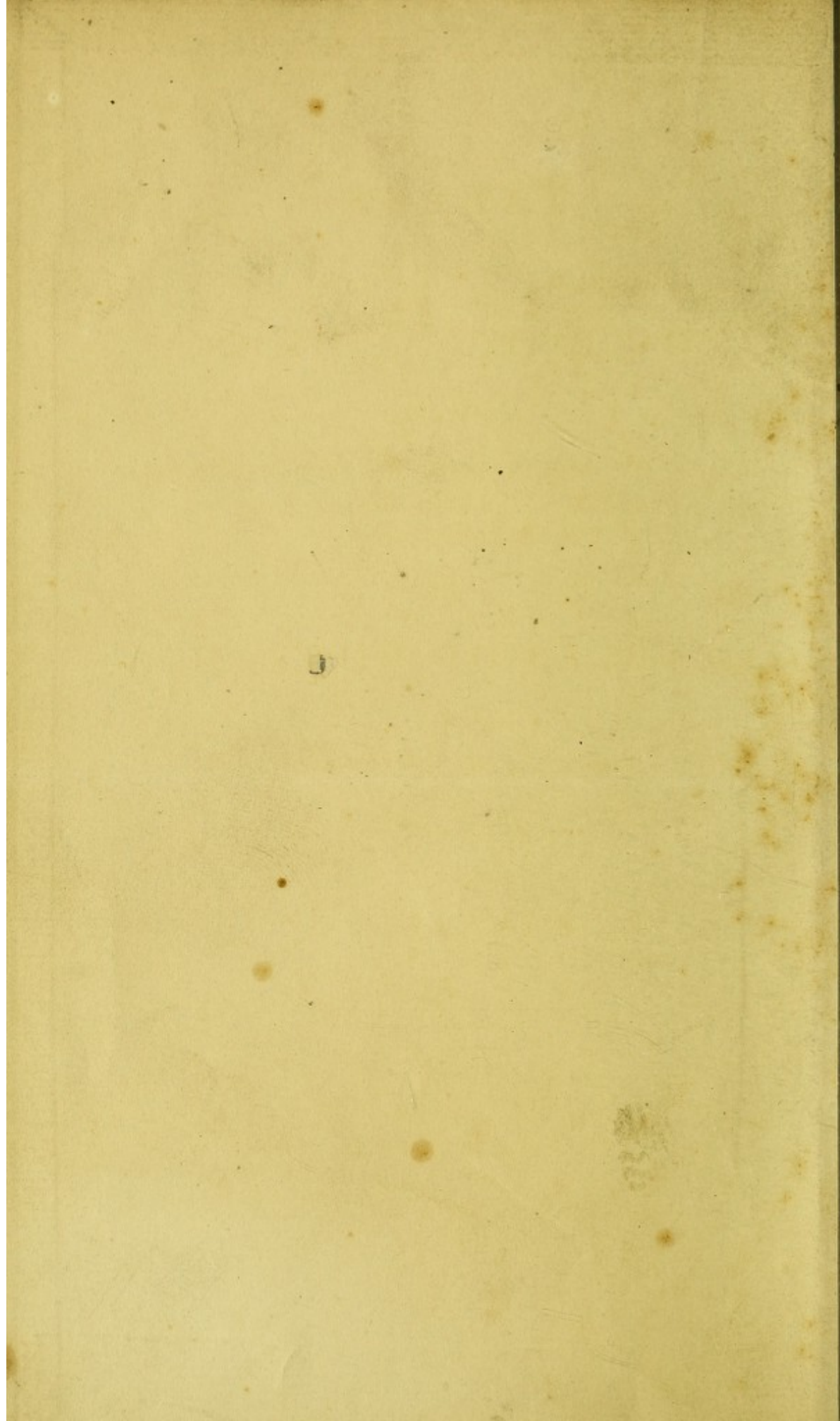
By Richard James Morrison

ZADKIEL









TABLES  
TO BE USED IN  
CALCULATING NATIVITIES;

COMPRISING  
TABLES OF DECLINATION, RIGHT ASCENSION,  
ASCENSIONAL DIFFERENCE, AND  
POLAR ELEVATION:

ALSO,  
TABLES OF HOUSES

FOR  
LONDON AND LIVERPOOL.

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Computed by  
**ZADKIEL,**  
*Author of the "Grammar of Astrology."*

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LONDON:  
SHERWOOD, GILBERT, AND PIPER,  
PATERNOSTER ROW.

—  
1834.





Compton & Ritchie, Printers, Middle Street, Cloth Fair, London.

## P R E F A C E.

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THE following Tables are calculated according to the present obliquity of the ecliptic,  $23^{\circ} 28'$ , and are adapted for persons who may desire to calculate a nativity upon the modern and improved rules of Astrology, as set forth in the latest elementary work on Genethliacal Science, the GRAMMAR OF ASTROLOGY.

The Table of Houses for the latitude of *London*,  $51^{\circ} 32'$  N., contains the Right Ascension of every degree of the zodiac in *hours, minutes, and seconds*. The Table of Houses for the latitude of *Liverpool*,  $53^{\circ} 23'$  N., contains the Right Ascension of every degree of the zodiac in *degrees and minutes* of a degree; therefore, by referring from one to the other of these Tables, the student will at once perceive what is the Right Ascension in degrees and minutes of any amount of time within the 24 hours, and *vice versâ*. The former of these Tables will answer for any part of Great Britain which is south of the



latitude of 52 degrees and a half; and the latter Table will answer equally well for any place between Liverpool and the borders of Scotland. The importance of this Table, which has cost the Author great labour, as it required the taking out 12,600 logarithms, will be instantly perceived, when it is considered that the longitude of the ascendant at Liverpool is sometimes *three degrees* different from the longitude of the ascendant at London. The errors that arose from erecting figures of the heavens for the northern parts of the kingdom by means of the Table of Houses for London, must have been very great. Even in horary questions it is very important to have the longitude of the ascending degree correct; and in nativities an error of three degrees would throw out a *secondary direction* of the Moon to any aspect of the ascendant not less than *three months*; and so create error and confusion in the judgment of events. As, for example, if the primary directions were such as to denote danger of drowning, and the Moon came to an opposition of the ascendant in the secondary direction, it might be judged that the greatest danger would be during the week when the Moon came exactly to the opposite degree



and minute of those which were ascending at birth ; but if the ascendant were wrong, even by *one* degree, this time could not be ascertained to within a month. To persons who can erect a figure by trigonometry, it is of less importance ; but this is seldom done for horary questions.

The Table of Right Ascensions contains only twelve pages instead of twenty-four, as usual, but the extra expense of twelve additional pages is avoided by this means ; and it only requires to pay strict attention to the direction at the head of each page, and either add or subtract  $180^{\circ}$ , as may be required ; thus, if the Right Ascension of 10 degrees of *Scorpio* with 3 degrees of *South* latitude be required, learn by the table what is the Right Ascension of the *opposite* point of the zodiac, viz. 10 degrees of *Taurus* with 3 degrees of opposite latitude, and then add 180 degrees, and you have the Right Ascension required.

Thus, Right Ascension of  $10^{\circ} 8$  with  $3^{\circ}$  *North* latitude .....  $36^{\circ} 35'$

To which add half the circle.....  $180 \quad 0$

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And you have the Right Asc. of  $10^{\circ} m$

with  $3^{\circ}$  *South* latitude .....  $216 \quad 35$



Again, if you require the Right Asc. of 5 deg. of Aries with 2° *South* latitude, find that of the opposite point, viz. 5 deg. of ♈ with 2° *North* latitude ; which is 185° 22' by the Table ; and by taking away the half circle, 180°, you have 5° 22' for the Right Ascension you require.

The latitudes in these Tables are carried only to 7 degrees, which is the utmost any planet reaches, except Venus. When those rare occasions happen in which Venus is found with latitude exceeding 7 degrees, it will be very easy to see what difference of Right Asc. or Declination one degree of latitude creates opposite the longitude of Venus, and then compute the difference of her Right Asc. &c. As, for example, if Venus be in 20 degrees of Virgo, with 8 degrees and a half of *North* latitude, and I require her Right Asc., the difference of Right Asc. between 6 degrees and 7 degrees of *North* latitude, opposite 20 degrees of Virgo, is just 24 minutes of a degree ; therefore to the Right Asc. under the 7th degree, which is 173° 37', I add 24 min., and it gives 174° 1' for the Right Asc. of Venus, with 8 degrees of North lat. opposite 20 ♍ ; and for the



half degree I add 12 min. more, and it gives  $174^{\circ} 13'$ , the Right Asc. of Venus in  $20^{\circ} \text{ } \text{m}\ddot{x}$  and  $8^{\circ} 30'$  *North* latitude; and by adding  $180^{\circ}$  to this, we have  $354^{\circ} 13'$  for the Right Asc. of Venus if she had been in  $20^{\circ} \text{ } \text{x}$  with  $8^{\circ} 30'$  of *South* latitude.

On some rare occasions the Moon's declination will exceed  $28^{\circ}$ , the limits of our Table of Ascensional Difference; but the difference between  $27^{\circ}$  and  $28^{\circ}$  being found, and the proportion allowed for the next degree, it will give the Asc. Diff. of the Moon sufficiently near. For example, the Moon's declination at noon on the 17th February, 1806, was  $28^{\circ} 12'$ ; required her Asc. Diff. in latitude  $55^{\circ}$ ? The difference between  $27^{\circ}$  and  $28^{\circ}$  of declination is  $2^{\circ} 43'$  of Asc. Diff. in that high latitude; then say, if one degree gives  $2^{\circ} 43' = 163$  minutes, what will 12 minutes give? Answer, 33 minutes; which, added, to  $49^{\circ} 24'$ , the Asc. Diff. for  $28^{\circ}$  declination, gives the Asc. Diff. required, viz.  $49^{\circ} 57'$ .

The great interest evinced in the examination of Astrology in the present age, as shewn by the ready sale of a large edition of the "Grammar of Astrology," has induced the Author to put forth these Tables; by



which means still farther facility is offered to those persons whose sense of the value of experience will induce them to place more reliance on one fact than on a hundred crude arguments, or a thousand idle assertions. Feeling that the question of the truth or falsehood of Astrology has never been discussed in the present day by such arguments as science would acknowledge, the Author has no hesitation in declaring, that ignorance of its principles and practice is the chief foundation of the prejudice which exists against the science; and he trusts that these Tables will assist to overcome much of that ignorance, and thereby overthrow one obstacle in the path of truth.

*Liverpool,*  
*July 17, 1834.*



## TABLE OF HOUSES FOR LONDON.

LAT. 51° 32'.

Right Ascen. of Meridian.			10	11	12	Ascend.		2	3
			♈	♉	♊	Cancer.		♋	♌
H.	M.	S.							
0	0	0	0	9	22	26	36	12	3
0	3	40	1	10	23	27	17	13	3
0	7	20	2	11	24	27	56	14	4
0	11	0	3	12	25	28	42	15	5
0	14	41	4	13	25	29	17	15	6
0	18	21	5	14	26	29	55	16	7
0	22	2	6	15	27	0	♋ 34	17	8
0	25	42	7	16	28	1	14	18	8
0	29	23	8	17	29	1	55	18	9
0	33	4	9	18	♊	2	33	19	10
0	36	45	10	19	1	3	14	20	11
0	40	26	11	20	1	3	54	20	12
0	44	8	12	22	2	4	33	21	13
0	47	50	13	23	3	5	12	22	14
0	51	32	14	24	4	5	52	23	15
0	55	14	15	25	5	6	30	23	15
0	58	5	16	26	6	7	9	24	16
1	2	40	17	27	6	7	50	25	17
1	6	23	18	28	7	8	30	26	18
1	10	7	19	29	8	9	9	26	19
1	13	51	20	♊	9	9	48	27	19
1	17	35	21	1	10	10	29	28	20
1	21	20	22	2	10	11	7	28	21
1	25	6	23	3	11	11	48	29	22
1	28	52	24	4	12	12	28	♋	23
1	32	38	25	5	13	13	8	1	24
1	36	25	26	6	14	13	48	1	25
1	40	12	27	7	14	14	28	2	25
1	44	0	28	7	15	15	8	3	26
1	47	48	29	8	16	15	47	4	27
1	51	37	30	9	17	16	27	4	28



## TABLE OF HOUSES FOR LONDON.

LAT. 51° 32'.

Right Ascen. of Meridian.			10	11	12	Ascend.		2	3
			♋	♌	♍	Leo.		♎	♏
H.	M.	S.							
1	51	37	0	9	17	16	28	4	28
1	55	27	1	10	18	17	8	5	29
1	59	17	2	11	19	17	48	6	<u>30</u>
2	3	8	3	12	19	18	27	7	1
2	6	59	4	13	20	19	9	8	2
2	10	51	5	14	21	19	49	9	2
2	14	44	6	15	22	20	29	9	3
2	18	37	7	16	22	21	10	10	4
2	22	31	8	17	23	21	52	11	5
2	26	25	9	18	24	22	32	11	6
2	30	20	10	19	25	23	14	12	7
2	34	16	11	20	25	23	55	13	8
2	38	13	12	21	26	24	36	14	9
2	42	10	13	22	27	25	17	15	10
2	46	8	14	23	28	25	58	15	11
2	50	7	15	24	29	26	40	16	12
2	54	7	16	25	29	27	22	17	12
2	58	7	17	26	♎	28	4	18	13
3	2	8	18	26	1	28	45	18	14
3	6	9	19	27	2	29	28	19	15
3	10	12	20	28	3	0♎12		20	16
3	14	15	21	29	3	0	54	21	17
3	18	19	22	♏	4	1	36	22	18
3	22	23	23	1	5	2	20	22	19
3	26	29	24	2	6	3	1	23	20
3	30	35	25	3	7	3	45	24	21
3	34	41	26	4	7	4	28	25	22
3	38	49	27	5	8	5	11	26	23
3	42	57	28	6	9	5	54	27	24
3	47	6	29	7	10	6	29	27	25
3	51	15	30	8	11	7	21	28	25



## TABLE OF HOUSES FOR LONDON.

LAT. 51° 32'.

Right Ascen. of Meridian.			10	11	12	Ascend.		2	3
			II	☌	♋	Virgo.		♍	♎
H.	M.	S.							
3	51	15	0	8	11	7	21	28	25
3	55	25	1	9	12	8	5	29	26
3	59	36	2	10	12	8	49	♎	27
4	3	48	3	10	13	9	33	1	28
4	8	0	4	11	14	10	16	2	29
4	12	13	5	12	15	11	2	2	♍
4	16	26	6	13	16	11	46	3	1
4	20	40	7	14	17	12	30	4	2
4	24	55	8	15	17	13	15	5	3
4	29	10	9	16	18	14	0	6	4
4	33	26	10	17	19	14	45	7	5
4	37	42	11	18	20	15	30	8	6
4	41	59	12	19	21	16	15	8	7
4	46	16	13	20	21	17	0	9	8
4	50	34	14	21	22	17	45	10	9
4	54	52	15	22	23	18	30	11	10
4	59	10	16	23	24	19	16	12	11
5	3	29	17	24	25	20	4	13	12
5	7	49	18	25	26	20	49	14	13
5	12	9	19	25	27	21	35	14	14
5	16	29	20	26	28	22	20	15	14
5	20	49	21	27	28	23	6	16	15
5	25	9	22	28	29	23	51	17	16
5	29	30	23	29	♍	24	37	18	17
5	33	51	24	♋	1	25	25	19	18
5	38	12	25	1	2	26	9	20	19
5	42	34	26	2	3	26	55	21	20
5	46	55	27	3	4	27	41	21	21
5	51	17	28	4	4	28	27	22	22
5	55	38	29	5	5	29	13	23	23
6	0	0	30	6	6	30	0	24	24



## TABLE OF HOUSES FOR LONDON.

LAT. 51° 32'.

Right Ascen. of Meridian.			10	11	12	Ascend.		2	3
			♌	♍	♎	Libra.		♏	♐
H.	M.	S.							
6	0	0	0	6	6	0	0	24	24
6	4	22	1	7	7	0	47	25	25
6	8	43	2	8	8	1	33	26	26
6	13	5	3	9	9	2	19	27	27
6	17	26	4	10	10	3	5	27	28
6	21	48	5	11	10	3	51	28	29
6	26	9	6	12	11	4	27	29	♏
6	30	30	7	13	12	5	23	♐	1
6	34	51	8	14	13	6	9	1	2
6	39	11	9	15	14	6	55	2	3
6	43	31	10	16	15	7	40	2	4
6	47	51	11	16	16	8	26	3	4
6	52	11	12	17	16	9	12	4	5
6	56	31	13	18	17	9	58	5	6
7	0	50	14	19	18	10	41	6	7
7	5	8	15	20	19	11	28	7	8
7	9	26	16	21	20	12	14	8	9
7	13	44	17	22	21	12	59	8	10
7	18	1	18	23	22	13	46	9	11
7	22	18	19	24	22	14	30	10	12
7	26	34	20	25	23	15	15	11	13
7	30	50	21	26	24	15	59	12	14
7	35	5	22	27	25	16	45	13	15
7	39	20	23	28	26	17	30	13	16
7	43	34	24	29	27	18	15	14	17
7	47	47	25	♎	28	18	59	15	18
7	52	0	26	1	28	19	43	16	19
7	56	12	27	2	29	20	27	17	20
8	0	24	28	3	♏	21	11	18	20
8	4	35	29	4	1	21	56	18	21
8	8	45	30	5	2	22	40	19	22



## TABLE OF HOUSES FOR LONDON.

LAT. 51° 32'.

Right Ascen. of Meridian.			10	11	12	Ascend.		2	3
			♈	♉	♊	Libra.		♌	♍
H.	M.	S.	<sup>0</sup>	<sup>0</sup>	<sup>0</sup>	<sup>0</sup>	<sup>1</sup>	<sup>0</sup>	<sup>0</sup>
8	8	45	0	5	2	22	40	19	22
8	12	54	1	5	3	23	24	20	23
8	17	3	2	6	3	24	7	21	24
8	21	11	3	7	4	24	50	22	25
8	25	19	4	8	5	25	34	23	26
8	29	26	5	9	6	26	18	23	27
8	33	31	6	10	7	27	0	24	28
8	37	37	7	11	8	27	44	25	29
8	41	41	8	12	8	28	25	26	♋
8	45	45	9	13	9	29	8	27	1
8	49	48	10	14	10	29	50	27	2
8	53	51	11	15	11	0	♌32	28	3
8	57	52	12	16	12	1	15	29	4
9	1	53	13	17	12	1	58	♍	4
9	5	53	14	18	13	2	39	1	5
9	9	53	15	18	14	3	21	2	6
9	13	52	16	19	15	4	3	2	7
9	17	50	17	20	16	4	44	3	8
9	21	47	18	21	16	5	24	4	9
9	25	44	19	22	17	6	7	5	10
9	29	40	20	23	18	6	48	5	11
9	33	35	21	24	19	7	29	6	12
9	37	29	22	25	19	8	9	7	13
9	41	23	23	26	20	8	50	8	14
9	45	16	24	27	21	9	31	9	15
9	49	9	25	28	22	10	11	9	16
9	53	1	26	28	23	10	51	10	17
9	56	52	27	29	23	11	32	11	18
10	0	43	28	♊	24	12	12	12	19
10	4	33	29	1	25	12	53	12	20
10	8	23	30	2	26	13	33	13	20



### TABLE OF HOUSES FOR LONDON.

LAT.  $51^{\circ} 32'$ .

Right Ascen. of Meridian.			10	11	12	Ascend.		2	3
			♏	♐	♐	Scorpio.		♏	♐
H.	M.	S.	0	0	0	0	1	0	0
10	8	23	0	2	26	13	33	13	20
10	12	12	1	3	26	14	13	14	21
10	16	0	2	4	27	14	43	15	22
10	19	48	3	5	28	15	33	16	23
10	23	35	4	5	29	16	13	16	24
10	27	22	5	6	29	16	52	17	25
10	31	8	6	7	♏	17	32	18	26
10	34	54	7	8	1	18	13	19	27
10	38	40	8	9	2	18	51	20	28
10	42	25	9	10	2	19	31	20	29
10	46	9	10	11	3	20	11	21	♏
10	49	53	11	11	4	20	52	22	1
10	53	37	12	12	4	21	30	23	2
10	27	20	13	13	5	22	9	24	3
11	1	3	14	14	6	22	49	24	4
11	4	46	15	15	7	23	28	25	5
11	8	28	16	16	7	24	8	26	6
11	12	10	17	17	8	24	47	27	8
11	15	52	18	17	9	25	27	28	9
11	19	34	19	18	10	26	5	29	10
11	23	15	20	19	10	26	45	30	11
11	26	56	21	20	11	27	26	♐	12
11	30	37	22	21	12	28	5	1	13
11	34	18	23	22	13	28	44	2	14
11	37	58	24	23	13	29	24	3	15
11	41	39	25	23	14	0	♏ 3	4	16
11	45	19	26	24	15	0	♏ 43	5	17
11	49	0	27	25	15	1	23	5	18
11	52	40	28	26	16	2	4	6	19
11	56	20	29	26	17	2	43	7	20
12	0	0	30	27	17	3	23	8	21



## TABLE OF HOUSES FOR LONDON.

LAT. 51° 32'.

Right Ascen. of Meridian.			10	11	12	Ascend.		2	3
			♌	♍	♎	Sagitta- rius.		♏	♐
H.	M.	S.							
12	0	0	0	27	17	3	23	8	21
12	3	40	1	28	18	4	4	9	22
12	7	20	2	29	19	4	45	10	24
12	11	0	3	♎	20	5	25	11	25
12	14	41	4	1	20	6	7	12	26
12	18	21	5	1	21	6	48	13	27
12	22	2	6	2	22	7	29	14	28
12	25	42	7	3	23	8	10	15	29
12	29	23	8	4	23	8	51	16	♋
12	33	4	9	5	24	9	33	17	2
12	36	45	10	6	25	10	15	18	3
<hr/>									
12	40	26	11	6	25	10	57	19	4
12	44	8	12	7	26	11	40	20	5
12	47	50	13	8	27	12	22	21	6
12	51	32	14	9	28	13	4	22	7
12	55	14	15	10	28	13	47	23	9
12	58	57	16	11	29	14	30	24	10
13	2	40	17	11	♏	15	15	25	11
13	6	23	18	12	1	15	59	26	12
13	10	7	19	13	1	16	44	27	13
13	13	51	20	14	2	17	28	28	15
<hr/>									
13	17	35	21	15	3	18	13	29	16
13	21	20	22	16	4	19	0	♐	17
13	25	6	23	16	4	19	44	1	18
13	28	52	24	17	5	20	31	2	20
13	32	38	25	18	6	21	19	4	21
13	36	25	26	19	7	22	6	5	22
13	40	12	27	20	7	22	54	6	23
13	44	0	28	21	8	23	42	7	25
13	47	48	29	21	9	24	31	8	26
13	51	37	30	22	10	25	20	10	27



## TABLE OF HOUSES FOR LONDON.

LAT. 51° 32'.

Right Ascen. of Meridian.			10	11	12	Ascend.		2	3
			♌	♍	♎	Sagitta- rius.		♏	♐
H.	M.	S.							
13	51	37	0	22	10	25	20	10	27
13	55	27	1	23	11	26	10	11	28
13	59	17	2	24	11	27	2	12	♑
14	3	8	3	25	12	27	53	14	1
14	6	59	4	26	13	28	45	15	2
14	10	51	5	26	14	29	36	16	4
14	14	44	6	27	15	0♑	29	18	5
14	38	37	7	28	15	1	23	19	6
14	22	31	8	29	16	2	18	20	8
14	26	25	9	♎	17	3	16	22	9
14	30	20	10	1	18	4	11	23	10
14	34	16	11	2	19	5	9	25	11
14	38	13	12	2	20	6	7	26	13
14	42	10	13	3	20	7	6	28	14
14	46	8	14	4	21	8	6	29	15
14	50	7	15	5	22	9	8	♐	17
14	54	7	16	6	23	10	11	3	18
14	58	7	17	7	24	11	15	4	19
15	2	8	18	8	25	12	20	6	21
15	6	9	19	9	26	13	27	8	22
15	10	12	20	9	27	14	35	9	23
15	14	15	21	10	27	15	43	11	24
15	18	19	22	11	28	16	52	13	26
15	22	23	23	12	29	18	3	14	27
15	26	29	24	13	♑	19	16	16	28
15	30	35	25	14	1	20	32	17	29
15	34	41	26	15	2	21	48	19	8
15	38	49	27	16	3	23	8	21	2
15	42	57	28	17	4	24	29	22	3
15	47	6	29	18	5	25	51	24	5
15	51	15	30	18	6	27	15	26	6



## TABLE OF HOUSES FOR LONDON.

LAT. 51° 32'.

Right Ascen. of Meridian.			10	11	12	Ascend.		2	3
			♈	♈	♎	Capri- corn		♏	♏
H.	M.	S.	0	0	0	0	1	0	0
15	51	15	0	18	6	27	15	26	6
15	55	25	1	19	7	28	42	28	7
15	59	36	2	20	8	0	11	♏	9
16	3	48	3	21	9	1	42	1	10
16	7	0	4	22	10	3	16	3	11
16	12	13	5	23	11	4	53	5	12
16	16	26	6	24	12	6	32	7	14
16	20	40	7	25	13	8	13	9	15
16	24	55	8	26	14	9	57	11	16
16	29	10	9	27	16	11	44	12	17
16	33	26	10	28	17	12	34	14	18
16	37	42	11	29	18	15	24	16	20
16	41	59	12	♎	19	17	20	18	21
16	46	16	13	1	20	19	18	20	22
16	50	34	14	2	21	21	22	21	23
16	54	52	15	3	22	23	27	23	25
16	59	10	16	4	24	25	35	25	26
17	3	29	17	5	25	27	46	27	27
17	7	49	18	6	26	30	0	28	28
17	12	9	19	7	27	2	19	♏	29
17	16	29	20	8	29	4	40	2	♏
17	20	49	21	9	♎	7	2	3	1
17	25	9	22	10	1	9	26	5	2
17	29	30	23	11	3	11	54	7	3
17	33	51	24	12	4	14	24	8	5
17	38	12	25	13	5	17	0	10	6
17	42	34	26	14	7	19	33	11	7
17	46	55	27	15	8	22	6	13	8
17	51	17	28	16	10	24	40	14	9
17	55	38	29	17	11	27	30	16	10
18	0	0	30	18	13	30	0	17	11



## TABLE OF HOUSES FOR LONDON.

LAT. 51° 32'.

Right Ascen. of Meridian.			10	11	12	Ascend.		2	3
			♌	♍	♎	Aries.		♈	♉
H.	M.	S.							
18	0	0	0	18	13	0	0	17	11
18	4	22	1	20	14	2	37	19	13
18	8	43	2	21	16	5	19	20	14
18	13	5	3	22	17	7	55	22	15
18	17	26	4	23	19	10	29	23	16
18	21	48	5	24	20	13	2	25	17
18	26	9	6	25	22	15	36	26	18
18	30	30	7	26	23	18	6	28	19
18	34	51	8	27	25	20	34	29	20
18	39	11	9	29	27	22	59	II	21
18	43	31	10	♎	28	25	22	I	22
18	47	51	11	I	♏	27	42	2	23
18	52	11	12	2	2	29	58	4	24
18	56	31	13	3	3	28	13	5	25
19	0	50	14	4	5	4	24	6	26
19	5	8	15	6	7	6	30	8	27
19	9	20	16	7	9	8	36	9	28
19	13	44	17	8	10	10	40	10	29
19	18	1	18	9	12	12	39	11	♐
19	22	18	19	10	14	14	37	12	1
19	26	34	20	12	16	16	28	13	2
19	30	50	21	13	18	18	17	14	3
19	35	5	22	14	19	20	3	16	4
19	39	20	23	15	21	21	48	17	5
19	43	34	24	16	23	23	29	18	6
19	47	47	25	18	25	25	9	19	7
19	52	0	26	19	27	26	45	20	8
19	56	12	27	20	28	28	18	21	9
20	0	24	28	21	♑	29	49	22	10
20	4	35	29	23	2	1	II 19	23	11
20	8	45	30	24	4	2	45	24	12



## TABLE OF HOUSES FOR LONDON.

LAT. 51° 32'.

Right Ascen. of Meridian.			10	11	12	Ascend.		2	3
			☾	☾	♊	Gemini.		♊	♊
H.	M.	S.							
20	8	45	0	24	4	2	45	24	12
20	12	54	1	25	6	4	9	25	12
20	17	3	2	27	7	5	32	26	13
20	21	11	3	28	9	6	53	27	14
20	25	19	4	29	11	8	12	28	15
20	29	26	5	☾	13	9	27	29	16
20	33	31	6	2	14	10	43	☾	17
20	37	37	7	3	16	11	57	1	18
20	41	41	8	4	18	13	8	2	19
20	45	45	9	6	19	14	18	3	20
20	49	38	10	7	21	15	25	3	21
20	53	51	11	8	23	16	33	4	21
20	57	52	12	9	24	17	39	5	22
21	1	53	13	11	26	18	44	6	23
21	5	53	14	12	28	19	48	7	24
21	9	53	15	13	29	20	51	8	25
21	13	52	16	15	8	21	53	9	26
21	17	50	17	16	2	22	53	10	27
21	21	47	18	17	4	23	52	10	28
21	25	44	19	19	5	24	51	11	28
21	29	40	20	20	7	25	48	12	29
21	33	35	21	22	8	26	44	13	☾
21	37	29	22	23	10	27	40	14	1
21	41	23	23	24	11	28	34	15	2
21	45	16	24	25	13	29	29	15	3
21	49	9	25	26	14	0☾	22	16	4
21	53	1	26	28	15	1	15	17	4
21	56	52	27	29	16	2	7	18	5
22	0	43	28	☾	18	2	57	19	6
22	4	33	29	2	19	3	49	19	7
22	8	23	30	3	20	4	38	20	8



## TABLE OF HOUSES FOR LONDON.

LAT.  $51^{\circ} 32'$ .

Right Ascen. of Meridian.			10	11	12	Ascend.		2	3
			☿	♈	♏	Cancer.		♊	♌
H.	M.	S.							
22	8	23	0	3	20	4	38	20	8
22	12	12	1	4	21	5	28	21	8
22	16	0	2	6	23	6	16	22	9
22	19	48	3	7	24	7	5	23	10
22	23	35	4	8	25	7	53	23	11
22	27	22	5	9	26	8	42	24	12
22	31	8	6	10	28	9	29	25	13
22	34	54	7	12	29	10	16	26	14
22	38	40	8	13	II	11	1	26	14
22	42	25	9	14	1	11	46	27	15
22	46	9	10	15	2	12	31	28	16
22	49	53	11	17	3	13	16	29	17
22	53	37	12	18	4	14	1	29	18
22	57	20	13	19	5	14	48	♌	19
23	1	3	14	20	6	15	29	1	19
23	4	46	15	21	7	16	11	2	20
23	8	28	16	23	8	16	55	2	21
23	12	10	17	24	9	17	38	3	22
23	15	52	18	25	10	18	20	4	23
23	19	34	19	26	11	19	3	5	24
23	23	15	20	27	12	19	46	5	24
23	26	56	21	29	13	20	26	6	25
23	30	37	22	♏	14	21	8	7	26
23	34	18	23	1	15	21	50	7	27
23	37	58	24	2	16	22	31	8	28
23	41	39	25	3	17	23	12	9	28
23	45	19	26	4	18	23	53	9	29
23	49	0	27	5	19	24	33	10	♏
23	52	40	28	6	20	25	15	11	1
23	56	20	29	8	21	25	56	12	2
24	0	0	30	9	22	26	36	12	3



## DECLINATION.

CANCER.	DEGREES OF NORTH LATITUDE.																GEMINI.
	0		1		2		3		4		5		6		7		
	D.	M.	D.	M.	D.	M.	D.	M.	D.	M.	D.	M.	D.	M.	D.	M.	
0	23	28	24	28	25	28	26	28	27	28	28	28	29	28	30	28	30
1	23	28	24	28	25	28	26	28	27	28	28	28	29	28	30	28	29
2	23	27	24	27	25	27	26	27	27	27	28	27	29	27	30	27	28
3	23	26	24	26	25	26	26	26	27	26	28	26	29	26	30	26	27
4	23	24	24	24	25	24	26	24	27	24	28	24	29	24	30	24	26
5	23	22	24	22	25	22	26	22	27	22	28	22	29	22	30	22	25
6	23	20	24	19	25	19	26	19	27	19	28	19	29	19	30	19	24
7	23	17	24	16	25	16	26	16	27	16	28	16	29	16	30	16	23
8	23	13	24	13	25	13	26	13	27	13	28	13	29	13	30	13	22
9	23	10	24	9	25	9	26	9	27	9	28	9	29	9	30	9	21
10	23	5	24	5	25	5	26	5	27	5	28	5	29	5	30	5	20
11	23	1	24	1	25	1	26	1	27	0	28	0	29	0	30	0	19
12	22	56	23	56	24	56	25	56	26	56	27	56	28	56	29	55	18
13	22	50	23	50	24	50	25	50	26	50	27	50	28	50	29	48	17
14	22	44	23	44	24	43	25	43	26	43	27	42	28	42	29	41	16
15	22	37	23	37	24	36	25	36	26	36	27	35	28	35	29	34	15
16	22	30	23	30	24	29	25	29	26	29	27	28	28	28	29	27	14
17	22	23	23	23	24	22	25	22	26	21	27	20	28	19	29	18	13
18	22	15	23	15	24	14	25	14	26	13	27	12	28	11	29	10	12
19	22	7	23	7	24	6	25	6	26	5	27	4	28	3	29	2	11
20	21	58	22	58	23	57	24	56	25	55	26	54	27	53	28	52	10
21	21	49	22	49	23	48	24	47	25	46	26	45	27	44	28	43	9
22	21	40	22	40	23	39	24	38	25	37	26	36	27	35	28	35	8
23	21	30	22	30	23	29	24	28	25	27	26	26	27	25	28	25	7
24	21	20	22	19	23	18	24	17	25	16	26	15	27	14	28	13	6
25	21	9	22	8	23	7	24	6	25	5	26	4	27	3	28	2	5
26	20	58	21	56	22	55	23	54	24	53	25	52	26	51	27	50	4
27	20	47	21	44	22	43	23	42	24	41	25	40	26	39	27	38	3
28	20	35	21	32	22	31	23	30	24	29	25	28	26	26	27	25	2
29	20	23	21	20	22	19	23	18	24	17	25	16	26	14	27	13	1
30	20	10	21	8	22	6	23	5	24	4	25	2	26	0	26	59	0



## DECLINATION.

Leo.	DEGREES OF NORTH LATITUDE.														Taurus.
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	
D.	D.	M.	D.	M.	D.	M.	D.	M.	D.	M.	D.	M.	D.	M.	D.
0	20	10	21	8	22	6	23	5	24	4	25	2	26	0	26 59
1	19	57	20	56	21	54	22	53	23	51	24	50	25	48	26 46
2	19	44	20	42	21	41	22	39	23	37	24	36	25	34	26 32
3	19	31	20	28	21	27	22	25	23	23	24	22	25	20	26 18
4	19	17	20	14	21	13	22	11	23	9	24	8	25	6	26 4
5	19	2	20	0	20	59	21	57	22	55	23	53	24	51	25 49
6	18	48	19	46	20	44	21	42	22	40	23	38	24	36	25 34
7	18	33	19	31	20	29	21	27	22	25	23	23	24	21	25 19
8	18	17	19	15	20	13	21	11	22	9	23	7	24	5	25 3
9	18	2	18	59	19	57	20	55	21	53	22	51	23	49	24 46
10	17	46	18	43	19	41	20	38	21	36	22	34	23	31	24 28
11	17	29	18	26	19	24	20	22	21	19	22	17	23	14	24 11
12	17	13	18	9	19	7	20	5	21	2	22	0	22	57	23 54
13	16	56	17	52	18	50	19	47	20	44	21	42	22	39	23 36
14	16	39	17	35	18	33	19	30	20	27	21	25	22	22	23 19
15	16	21	17	18	18	15	19	12	20	9	21	7	22	4	23 1
16	16	3	17	0	17	57	18	54	19	51	20	49	21	46	22 43
17	15	45	16	42	17	39	18	36	19	33	20	30	21	27	22 24
18	15	27	16	23	17	20	18	17	19	14	20	11	21	8	22 5
19	15	9	16	4	17	1	17	58	18	55	19	52	20	49	21 46
20	14	50	15	45	16	41	17	38	18	35	19	32	20	29	21 26
21	14	31	15	26	16	22	17	19	18	16	19	13	20	10	21 7
22	14	11	15	7	16	3	17	0	17	56	18	53	19	50	20 47
23	13	52	14	47	15	43	16	40	17	36	18	33	19	29	20 26
24	13	32	14	27	15	23	16	19	17	15	18	12	19	8	20 5
25	13	12	14	7	15	3	16	0	16	56	17	53	18	49	19 45
26	12	52	13	47	14	43	15	39	16	35	17	32	18	28	19 24
27	12	32	13	27	14	23	15	19	16	15	17	12	18	8	19 4
28	12	11	13	6	14	2	14	58	15	54	16	51	17	47	18 43
29	11	50	12	45	13	41	14	37	15	33	16	30	17	26	18 22
30	11	29	12	24	13	20	14	16	15	12	16	8	17	4	18 0



## DECLINATION.

VIRGO.	DEGREES OF NORTH LATITUDE.												ARIES.				
	0	1	2	3	4	5	6	7									
D.	D.	M.	D.	M.	D.	M.	D.	M.	D.	M.	D.	M.	D.				
0	11	29	12	24	13	20	14	16	15	12	16	8	17	4	18	0	30
1	11	8	12	4	13	0	13	56	14	51	15	47	16	43	17	39	29
2	10	46	11	42	12	38	13	33	14	29	15	25	16	21	17	17	28
3	10	25	11	21	12	17	13	12	14	8	15	4	16	0	16	56	27
4	10	3	10	59	11	55	12	51	13	47	14	43	15	39	16	35	26
5	9	41	10	39	11	35	12	30	13	26	14	22	15	18	16	14	25
6	9	19	10	15	11	11	12	6	13	2	13	58	14	54	15	50	24
7	8	57	9	53	10	49	11	44	12	40	13	35	14	31	15	26	23
8	8	35	9	31	10	27	11	22	12	18	13	13	14	9	15	4	22
9	8	12	9	8	10	4	10	59	11	54	12	49	13	44	14	39	21
10	7	50	8	46	9	41	10	36	11	31	12	26	13	21	14	16	20
11	7	27	8	22	9	17	10	12	11	7	12	2	12	57	13	52	19
12	7	5	8	0	8	55	9	50	10	45	11	40	12	35	13	30	18
13	6	41	7	36	8	31	9	26	10	21	11	16	12	11	13	6	17
14	6	18	7	13	8	8	9	3	9	58	10	53	11	48	12	43	16
15	5	55	6	51	7	46	8	41	9	36	10	31	11	26	12	21	15
16	5	32	6	28	7	23	8	18	9	13	10	8	11	3	11	58	14
17	5	8	6	4	6	59	7	54	8	49	9	44	10	39	11	34	13
18	4	45	5	41	6	36	7	31	8	26	9	21	10	16	11	11	12
19	4	21	5	17	6	12	7	7	8	2	8	57	9	52	10	47	11
20	3	58	4	54	5	49	6	44	7	39	8	34	9	29	10	24	10
21	3	34	4	30	5	25	6	20	7	15	8	10	9	5	10	0	9
22	3	11	4	7	5	2	5	57	6	52	7	47	8	42	9	37	8
23	2	47	3	43	4	38	5	33	6	28	7	23	8	18	9	13	7
24	2	23	3	19	4	14	5	9	6	4	6	59	7	54	8	49	6
25	2	0	2	55	3	50	4	45	5	40	6	35	7	30	8	25	5
26	1	36	2	31	3	26	4	21	5	16	6	11	7	6	8	1	4
27	1	12	2	7	3	2	3	57	4	52	5	47	6	42	7	37	3
28	0	48	1	48	2	43	3	38	4	33	5	23	6	18	7	13	2
29	0	24	1	19	2	14	3	9	4	4	4	59	5	54	6	49	1
30	0	0	0	55	1	50	2	45	3	40	4	35	5	30	6	25	0



## DECLINATION.

SOUTH.	LIBRA.	DEGREES OF NORTH LATITUDE.									PISCES.
		0	1	2	3	4	5	6	7		
		D. M.	D. M.	D. M.	D. M.	D. M.	D. M.	D. M.	D. M.		
		0	0 0	0 55	1 50	2 45	3 40	4 35	5 30	6 25	
1	0 24	0 31	1 27	2 21	3 16	4 11	5 6	6 1	29		
2	0 48	0 7	1 3	1 57	2 52	3 47	4 42	5 37	28		
3	1 12	0 17	0 39	1 34	2 29	3 24	4 19	5 14	27		
4	1 36	0 41	0 15	1 10	2 5	3 0	3 55	4 50	26		
5	2 0	1 5	0 10	0 46	1 41	2 36	3 31	4 26	25		
6	2 23	1 28	0 33	0 22	1 17	2 12	3 7	4 2	24		
7	2 47	1 52	0 57	0 2	0 53	1 48	2 43	3 34	23		
8	3 11	2 16	1 21	0 26	0 29	1 25	2 20	3 15	22		
9	3 34	2 39	1 44	0 49	0 6	1 2	1 57	2 52	21		
10	3 58	3 3	2 8	1 13	0 18	0 38	1 33	2 28	20		
11	4 21	3 26	2 31	1 36	0 41	0 14	1 9	2 4	19		
12	4 45	3 50	2 55	2 0	1 5	0 10	0 46	1 41	18		
13	5 8	4 13	3 18	2 23	1 28	0 33	0 24	1 18	17		
14	5 32	4 37	3 42	2 46	1 51	0 56	0 0	0 55	16		
15	5 55	5 0	4 5	3 9	2 14	1 18	0 23	0 32	15		
16	6 18	5 23	4 27	3 31	2 36	1 40	0 45	0 9	14		
17	6 41	5 45	4 50	3 54	2 59	2 3	1 8	0 13	13		
18	7 5	6 9	5 14	4 18	3 23	2 27	1 32	0 36	12		
19	7 27	6 31	5 36	4 40	3 45	2 49	1 54	0 58	11		
20	7 50	6 54	5 58	5 2	4 6	3 10	2 15	1 19	10		
21	8 12	7 16	6 20	5 24	4 28	3 32	2 37	1 41	9		
22	8 35	7 39	6 43	5 47	4 51	3 56	3 0	2 4	8		
23	8 57	8 1	7 5	6 9	5 13	4 18	3 22	2 26	7		
24	9 19	8 23	7 27	6 31	5 35	4 40	3 45	2 49	6		
25	9 41	8 45	7 49	6 53	5 58	5 2	4 6	3 10	5		
26	10 3	9 7	8 11	7 15	6 19	5 24	4 28	3 32	4		
27	10 25	9 30	8 34	7 38	6 42	5 46	4 50	3 54	3		
28	10 46	9 51	8 55	8 1	7 4	6 8	5 12	4 16	2		
29	11 8	10 13	9 17	8 21	7 24	6 28	5 32	4 36	1		
30	11 29	10 33	9 37	8 41	7 44	6 48	5 52	4 56	0		
		NORTH.									
		Taurus									

NORTH.



## DECLINATION.

SCORPIO.	DEGREES OF NORTH LATITUDE.										AQUARIUS.
	0	1	2	3	4	5	6	7			
D.	D. M.	D. M.	D. M.	D. M.	D. M.	D. M.	D. M.	D. M.	D. M.	D.	
0	11 29	10 33	9 37	8 41	7 45	6 49	5 53	4 57		30	
1	11 50	10 54	9 58	9 2	8 6	7 10	6 14	5 18		29	
2	12 11	11 15	10 18	9 22	8 26	7 29	6 32	5 36		28	
3	12 32	11 36	10 39	9 43	8 47	7 50	6 54	5 58		27	
4	12 52	11 56	10 58	10 1	9 5	8 8	7 12	6 16		26	
5	13 12	12 16	11 19	10 22	9 26	8 29	7 33	6 37		25	
6	13 32	12 36	11 39	10 42	9 46	8 49	7 52	6 55		24	
7	13 52	12 56	11 59	11 2	10 5	9 8	8 11	7 14		23	
8	14 11	13 14	12 17	11 20	10 23	9 26	8 29	7 32		22	
9	14 31	13 34	12 37	11 40	10 43	9 46	8 49	7 52		21	
10	14 50	13 53	12 56	11 59	11 2	10 5	9 8	8 11		20	
11	15 9	14 12	13 15	12 18	11 21	10 23	9 26	8 29		19	
12	15 27	14 30	13 33	12 36	11 39	10 41	9 44	8 47		18	
13	15 45	14 47	13 50	12 53	11 56	10 58	10 1	9 4		17	
14	16 3	15 5	14 8	13 11	12 14	11 16	10 19	9 22		16	
15	16 21	15 23	14 26	13 29	12 32	11 34	10 37	9 40		15	
16	16 39	15 41	14 44	13 46	12 49	11 51	10 54	9 57		14	
17	16 56	15 58	15 1	14 3	13 6	12 8	11 11	10 14		13	
18	17 13	16 15	15 18	14 20	13 22	12 24	11 27	10 30		12	
19	17 29	16 31	15 33	14 35	13 37	12 39	11 42	10 45		11	
20	17 46	16 48	15 50	14 52	13 54	12 56	11 59	11 1		10	
21	18 2	17 4	16 6	15 8	14 10	13 12	12 15	11 17		9	
22	18 17	17 19	16 21	15 23	14 25	13 26	12 28	11 30		8	
23	18 33	17 35	16 36	15 38	14 40	13 41	12 43	11 45		7	
24	18 48	17 50	16 52	15 54	14 56	13 57	12 59	12 0		6	
25	19 2	18 4	17 6	16 8	15 10	14 11	13 15	12 14		5	
26	19 17	18 19	17 20	16 22	15 24	14 25	13 27	12 29		4	
27	19 31	18 33	17 34	16 36	15 37	14 39	13 40	12 42		3	
28	19 44	18 45	17 47	16 48	15 49	14 51	13 52	12 54		2	
29	19 57	18 58	17 59	17 1	16 2	15 4	14 5	13 7		1	
30	20 10	19 11	18 12	17 14	16 15	15 16	14 17	13 18		0	



## DECLINATION.

SAGITTARY.	DEGREES OF NORTH LATITUDE.																CAPRICORN.
	0	1	2	3	4	5	6	7									
D.	D.	M.	D.	M.	D.	M.	D.	M.	D.	M.	D.	M.	D.	M.	D.	M.	D.
0	20	10	19	11	18	12	17	14	16	15	15	16	14	17	13	18	30
1	20	23	19	24	18	25	17	26	16	27	15	29	14	30	13	31	29
2	20	35	19	36	18	37	17	38	16	39	15	41	14	42	13	43	28
3	20	47	19	48	18	49	17	50	16	52	15	53	14	54	13	55	27
4	20	58	19	59	19	0	18	1	17	2	16	3	15	5	14	6	26
5	21	9	20	10	19	11	18	12	17	12	16	14	15	15	14	16	25
6	21	20	20	21	19	22	18	23	17	24	16	25	15	25	14	26	24
7	21	30	20	31	19	32	18	33	17	34	16	34	15	35	14	36	23
8	21	40	20	41	19	42	18	43	17	44	16	43	15	44	14	44	22
9	21	49	20	50	19	51	18	52	17	53	16	53	15	54	14	54	21
10	21	58	20	59	20	0	19	1	18	2	17	2	16	2	15	3	20
11	22	7	21	8	20	9	19	10	18	11	17	11	16	11	15	12	19
12	22	15	21	16	20	17	19	18	18	19	17	19	16	19	15	20	18
13	22	23	21	24	20	25	19	25	18	26	17	26	16	26	15	27	17
14	22	30	21	31	20	32	19	32	18	33	17	33	16	33	15	34	16
15	22	37	21	37	20	37	19	37	18	38	17	38	16	38	15	39	15
16	22	44	21	44	20	44	19	40	18	45	17	45	16	45	15	46	14
17	22	50	21	50	20	50	19	50	18	51	17	51	16	51	15	52	13
18	22	56	21	56	20	56	19	56	18	57	17	57	16	57	15	58	12
19	23	1	22	1	21	1	20	1	19	2	18	2	17	2	16	2	11
20	23	5	22	5	21	5	20	5	19	5	18	5	17	5	16	5	10
21	23	10	22	9	21	9	20	9	19	9	18	9	17	9	16	9	9
22	23	13	22	13	21	13	20	13	19	13	18	13	17	13	16	13	8
23	23	17	22	16	21	16	20	16	19	16	18	16	17	16	16	16	7
24	23	20	22	19	21	19	20	19	19	19	18	19	17	19	16	19	6
25	23	22	22	22	21	22	20	22	19	22	18	22	17	22	16	22	5
26	23	24	22	25	21	25	20	25	19	25	18	25	17	25	16	25	4
27	23	26	22	26	21	26	20	26	19	26	18	26	17	26	16	26	3
28	23	27	22	27	21	27	20	27	19	27	18	27	17	27	16	27	2
29	23	28	22	28	21	28	20	28	19	28	18	28	17	28	16	28	1
30	23	28	22	28	21	28	20	28	19	28	18	28	17	28	16	28	0



## DECLINATION.

CANCER.	DEGREES OF SOUTH LATITUDE.										GEMINI.
	0	1	2	3	4	5	6	7			
D.	D. M.	D. M.	D. M.	D. M.	D. M.	D. M.	D. M.	D. M.	D. M.	D.	
0	23 28	22 28	21 28	20 28	19 28	18 28	17 28	16 28		30	
1	23 28	22 28	21 28	20 28	19 28	18 28	17 28	16 28		29	
2	23 27	22 27	21 27	20 27	19 27	18 27	17 27	16 27		28	
3	23 26	22 26	21 26	20 26	19 26	18 26	17 26	16 26		27	
4	23 24	22 25	21 25	20 25	19 25	18 25	17 25	16 25		26	
5	23 22	22 22	21 22	20 22	19 22	18 22	17 22	16 22		25	
6	23 20	22 19	21 19	20 19	19 19	18 19	17 19	16 19		24	
7	23 17	22 16	21 16	20 16	19 16	18 16	17 16	16 16		23	
8	23 13	22 13	21 13	20 13	19 13	18 13	17 13	16 13		22	
9	23 10	22 9	21 9	20 9	19 9	18 9	17 9	16 9		21	
10	23 5	22 5	21 5	20 5	19 5	18 5	17 5	16 5		20	
11	23 1	22 1	21 1	20 1	19 2	18 2	17 2	16 2		19	
12	22 56	21 56	20 56	19 56	18 57	17 57	16 57	15 58		18	
13	22 50	21 50	20 50	19 50	18 51	17 51	16 51	15 52		17	
14	22 44	21 44	20 44	19 44	18 45	17 45	16 45	15 46		16	
15	22 37	21 37	20 37	19 37	18 38	17 38	16 38	15 39		15	
16	22 30	21 31	20 32	19 32	18 33	17 33	16 33	15 34		14	
17	22 23	21 24	20 25	19 25	18 26	17 26	16 26	15 27		13	
18	22 15	21 16	20 17	19 18	18 19	17 19	16 19	15 20		12	
19	22 7	21 8	20 9	19 10	18 11	17 11	16 11	15 12		11	
20	21 58	20 59	20 0	19 1	18 2	17 2	16 2	15 3		10	
21	21 49	20 50	19 51	18 52	17 53	16 53	15 54	14 54		9	
22	21 40	20 41	19 42	18 43	17 44	16 43	15 44	14 44		8	
23	21 30	20 31	19 32	18 33	17 34	16 34	15 35	14 36		7	
24	21 20	20 21	19 22	18 23	17 24	16 25	15 25	14 26		6	
25	21 9	20 10	19 11	18 12	17 12	16 14	15 15	14 16		5	
26	20 58	19 59	19 0	18 1	17 2	16 3	15 5	14 6		4	
27	20 47	19 48	18 49	17 50	16 52	15 53	14 54	13 55		3	
28	20 35	19 36	18 37	17 38	16 39	15 41	14 42	13 43		2	
29	20 23	19 24	18 25	17 26	16 27	15 29	14 30	13 31		1	
30	20 11	19 11	18 12	17 14	16 15	15 16	14 17	13 18		0	



## DECLINATION.

LEO.	DEGREES OF SOUTH LATITUDE.								TAURUS.
	0	1	2	3	4	5	6	7	
D.	D. M.	D. M.	D. M.	D. M.	D. M.	D. M.	D. M.	D. M.	D.
0	20 10	19 11	18 12	17 14	16 15	15 16	14 17	13 18	30
1	19 57	18 58	17 59	17 1	16 2	15 14	14 5	13 7	29
2	19 44	18 45	17 47	16 48	15 49	14 51	13 52	12 54	28
3	19 31	18 33	17 34	16 36	15 37	14 39	13 40	12 42	27
4	19 17	18 19	17 20	16 22	15 24	14 25	13 27	12 29	26
5	19 2	18 4	17 6	16 8	15 10	14 11	13 13	12 14	25
6	18 48	17 50	16 52	15 54	14 56	13 57	12 59	12 0	24
7	18 33	17 35	16 36	15 38	14 40	13 41	12 43	11 45	23
8	18 17	17 19	16 21	15 23	14 25	13 26	12 28	11 30	22
9	18 2	17 4	16 6	15 8	14 10	13 12	12 15	11 17	21
10	17 46	16 48	15 50	14 52	13 54	12 56	11 59	11 1	20
11	17 29	16 31	15 33	14 35	13 37	12 39	11 42	10 45	19
12	17 13	16 15	15 18	14 20	13 22	12 24	11 27	10 30	18
13	16 56	15 58	15 1	14 3	13 6	12 8	11 11	10 14	17
14	16 39	15 41	14 44	13 46	12 49	11 51	10 54	9 57	16
15	16 21	15 23	14 26	13 29	12 32	11 34	10 37	9 40	15
16	16 3	15 5	14 8	13 11	12 14	11 16	10 19	9 22	14
17	15 45	14 47	13 50	12 53	11 56	10 58	10 1	9 4	13
18	15 27	14 30	13 33	12 36	11 39	10 41	9 44	8 47	12
19	15 9	14 12	13 15	12 18	11 21	10 23	9 26	8 29	11
20	14 50	13 53	12 56	11 59	11 2	10 5	9 8	8 11	10
21	14 31	13 34	12 37	11 40	10 43	9 46	8 49	7 52	9
22	14 11	13 14	12 17	11 20	10 23	9 26	8 29	7 32	8
23	13 52	12 56	11 59	11 2	10 5	9 8	8 11	7 14	7
24	13 32	12 36	11 39	10 42	9 46	8 49	7 52	6 55	6
25	13 12	12 16	11 19	10 22	9 26	8 29	7 33	6 37	5
26	12 52	11 56	10 58	10 1	9 5	8 8	7 12	6 16	4
27	12 32	11 36	10 39	9 43	8 47	7 50	6 54	5 58	3
28	12 11	11 15	10 18	9 22	8 26	7 29	6 32	5 36	2
29	11 50	10 54	9 58	9 2	8 6	7 10	6 14	5 18	1
30	11 29	10 33	9 37	8 41	7 45	6 49	5 53	4 57	0



## DECLINATION.

VIRGO.		DEGREES OF SOUTH LATITUDE.										ARIES.							
		0		1		2		3		4				5		6		7	
		D.	M.	D.	M.	D.	M.	D.	M.	D.	M.			D.	M.	D.	M.	D.	M.
0		11	29	10	33	9	37	8	41	7	45	6	49	5	53	4	57	30	
1		11	8	10	13	9	17	8	21	7	24	6	28	5	32	4	36	29	
2		10	46	9	51	8	55	8	0	7	4	6	8	5	12	4	16	28	
3		10	25	9	30	8	34	7	38	6	42	5	46	4	50	3	54	27	
4		10	3	9	7	8	11	7	15	6	19	5	24	4	28	3	32	26	
5		9	41	8	45	7	49	6	53	5	57	5	2	4	6	3	10	25	
6		9	19	8	23	7	27	6	31	5	35	4	40	3	45	2	49	24	
7		8	57	8	1	7	5	6	9	5	13	4	18	3	22	2	26	23	
8		8	35	7	39	6	43	5	47	4	51	3	56	3	0	2	4	22	
9		8	12	7	16	6	20	5	24	4	28	3	32	2	37	1	41	21	
10		7	50	6	54	5	58	5	2	4	6	3	10	2	15	1	19	20	
11		7	27	6	31	5	36	4	40	3	45	2	49	1	54	0	58	19	
12		7	5	6	9	5	14	4	18	3	23	2	27	1	32	0	36	18	
13		6	41	5	45	4	50	3	54	2	59	2	3	1	8	0	13	17	
14		6	18	5	22	4	27	3	31	2	36	1	40	0	45	0	9	16	
15		5	55	5	0	4	5	3	9	2	14	1	18	0	23	0	32	15	
16		5	32	4	37	3	42	2	46	1	51	0	56	0	0	0	55	14	
17		5	8	4	13	3	18	2	23	1	28	0	33	0	24	1	19	13	
18		4	45	3	50	2	55	2	0	1	5	0	14	0	46	1	41	12	
19		4	21	3	26	2	31	1	36	0	41	0	14	1	9	2	4	11	
20		3	58	3	3	2	8	1	13	0	18	0	38	1	33	2	28	10	
21		3	34	2	39	1	44	0	49	0	6	1	2	1	57	2	52	9	
22		3	11	2	16	1	21	0	26	0	29	1	25	2	20	3	15	8	
23		2	47	1	52	0	57	0	2	0	53	1	48	2	43	3	38	7	
24		2	23	1	28	0	33	0	22	1	17	2	12	3	7	4	2	6	
25		2	0	1	5	0	10	0	46	1	41	2	36	3	31	4	26	5	
26		1	36	0	41	0	15	1	10	2	5	3	0	3	55	4	50	4	
27		1	12	0	17	0	39	1	34	2	29	3	24	4	19	5	14	3	
28		0	48	0	7	1	3	1	57	2	52	3	47	4	42	5	37	2	
29		0	24	0	31	1	27	2	21	3	16	4	11	5	6	6	1	1	
30		0	0	0	55	1	50	2	45	3	40	4	35	5	30	6	25	0	
NORTH.		SOUTH.																	

SOUTH NORTH.



## DECLINATION.

LIBRA.	DEGREES OF SOUTH LATITUDE.									PISCES.
	0	1	2	3	4	5	6	7		
D.	D. M.	D. M.	D. M.	D. M.	D. M.	D. M.	D. M.	D. M.	D. M.	D.
0	0 0	0 55	1 50	2 45	3 40	4 35	5 30	6 25	6 25	30
1	0 24	1 19	2 14	3 9	4 4	4 59	5 54	6 49	6 49	29
2	0 48	1 48	2 43	3 38	4 33	5 23	6 18	7 13	7 13	28
3	1 12	2 7	3 2	3 57	4 52	5 47	6 42	7 37	7 37	27
4	1 36	2 31	3 26	4 21	5 16	6 11	7 6	8 1	8 1	26
5	2 0	2 55	3 50	4 45	5 40	6 35	7 30	8 25	8 25	25
6	2 23	3 19	4 14	5 9	6 4	6 59	7 54	8 49	8 49	24
7	2 47	3 43	4 38	5 33	6 28	7 23	8 18	9 13	9 13	23
8	3 11	4 7	5 2	5 57	6 52	7 47	8 42	9 37	9 37	22
9	3 34	4 30	5 25	6 20	7 15	8 10	9 5	10 0	10 0	21
10	3 58	4 54	5 49	6 44	7 39	8 34	9 29	10 24	10 24	20
11	4 21	5 17	6 12	7 7	8 2	8 57	9 52	10 47	10 47	19
12	4 45	5 41	6 36	7 31	8 26	9 21	10 16	11 11	11 11	18
13	5 8	6 4	6 59	7 54	8 49	9 44	10 39	11 34	11 34	17
14	5 32	6 28	7 23	8 18	9 13	10 8	11 3	11 58	11 58	16
15	5 55	6 51	7 46	8 41	9 36	10 31	11 26	12 21	12 21	15
16	6 18	7 13	8 8	9 3	9 58	10 53	11 48	12 43	12 43	14
17	6 41	7 36	8 31	9 26	10 21	11 16	12 11	13 6	13 6	13
18	7 5	8 0	8 55	9 50	10 45	11 40	12 35	13 30	13 30	12
19	7 27	8 22	9 17	10 12	11 7	12 2	12 57	13 52	13 52	11
20	7 50	8 46	9 41	10 36	11 31	12 26	13 21	14 16	14 16	10
21	8 12	9 8	10 4	10 59	11 54	12 49	13 44	14 39	14 39	9
22	8 35	9 31	10 27	11 22	12 18	13 13	14 9	15 4	15 4	8
23	8 57	9 53	10 49	11 44	12 40	13 35	14 31	15 26	15 26	7
24	9 19	10 15	11 11	12 6	13 2	13 58	14 54	15 50	15 50	6
25	9 41	10 39	11 35	12 30	13 26	14 22	15 18	16 14	16 14	5
26	10 3	10 59	11 55	12 51	13 47	14 43	15 39	16 35	16 35	4
27	10 25	11 21	12 17	13 12	14 8	15 4	16 0	16 56	16 56	3
28	10 46	11 42	12 38	13 33	14 29	15 25	16 21	17 17	17 17	2
29	11 8	12 4	13 0	13 56	14 51	15 47	16 43	17 39	17 39	1
30	11 29	12 24	13 20	14 16	15 12	16 8	17 4	18 0	18 0	0



## DECLINATION.

SCORPIO.	DEGREES OF SOUTH LATITUDE.														AQUARIUS.
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	
D.	D.	M.	D.	M.	D.	M.	D.	M.	D.	M.	D.	M.	D.	M.	D.
0	11	29	12	24	13	20	14	16	15	12	16	8	17	4	18 0
1	11	50	12	45	13	41	14	37	15	33	16	30	17	26	18 22
2	12	11	13	6	14	2	14	58	15	54	16	51	17	47	18 43
3	12	32	13	27	14	23	15	19	16	15	17	12	18	8	19 4
4	12	52	13	47	14	43	15	39	16	35	17	32	18	28	19 24
5	13	12	14	7	15	3	16	0	16	56	17	53	18	49	19 45
6	13	32	14	27	15	23	16	19	17	15	18	12	19	8	20 5
7	13	52	14	47	15	43	16	40	17	36	18	33	19	29	20 26
8	14	11	15	7	16	3	17	0	17	56	18	53	19	50	20 47
9	14	31	15	26	16	22	17	19	18	16	19	13	20	10	21 7
10	14	50	15	45	16	41	17	38	18	35	19	32	20	29	21 26
11	15	9	16	4	17	1	17	58	18	55	19	52	20	49	21 46
12	15	27	16	23	17	20	18	17	19	14	20	11	21	8	22 5
13	15	45	16	42	17	39	18	36	19	33	20	30	21	27	22 24
14	16	3	17	0	17	57	18	54	19	51	20	49	21	46	22 43
15	16	21	17	18	18	15	19	12	20	9	21	7	22	4	23 1
16	16	39	17	35	18	33	19	30	20	27	21	25	22	22	23 19
17	16	56	17	52	18	50	19	47	20	44	21	42	22	39	23 36
18	17	13	18	9	19	7	20	5	21	2	22	0	22	57	23 54
19	17	29	18	26	19	24	20	22	21	19	22	17	23	14	24 11
20	17	46	18	43	19	41	20	38	21	36	22	34	23	31	24 28
21	18	2	18	59	19	57	20	55	21	53	22	51	23	49	24 46
22	18	17	19	15	20	13	21	11	22	9	23	7	24	5	25 3
23	18	33	19	31	20	29	21	27	22	25	23	23	24	21	25 19
24	18	48	19	46	20	44	21	42	22	40	23	38	24	36	25 34
25	19	2	20	0	20	59	21	57	22	55	23	53	24	51	25 49
26	19	17	20	14	21	13	22	11	23	9	24	8	25	6	26 4
27	19	31	20	28	21	27	22	25	23	23	24	22	25	20	26 18
28	19	44	20	42	21	41	22	39	23	37	24	36	25	34	26 32
29	19	57	20	56	21	54	22	53	23	51	24	50	25	48	26 46
30	20	10	21	8	22	6	23	5	24	4	25	2	26	0	26 59



## DECLINATION.

SAGITTARY.	DEGREES OF SOUTH LATITUDE.															CAPRICORN.	
	0	1	2	3	4	5	6	7									
D.	D.	M.	D.	M.	D.	M.	D.	M.	D.	M.	D.	M.	D.	M.	D.	M.	D.
0	20	10	21	8	22	6	23	5	24	4	25	2	26	0	26	59	30
1	20	23	21	20	22	19	23	18	24	17	25	16	26	14	27	13	29
2	20	35	21	32	22	31	23	30	24	29	25	28	26	26	27	25	28
3	20	47	21	44	22	43	23	42	24	41	25	40	26	39	27	38	27
4	20	58	21	56	22	55	23	54	24	53	25	52	26	51	27	50	26
5	21	9	22	8	23	7	24	6	25	5	26	4	27	3	28	2	25
6	21	20	22	19	23	18	24	17	25	16	26	15	27	14	28	13	24
7	21	30	22	30	23	29	24	28	25	27	26	26	27	25	28	25	23
8	21	40	22	40	23	39	24	38	25	57	26	36	27	35	28	35	22
9	21	49	22	49	23	48	24	47	25	46	26	45	27	44	28	43	21
10	21	58	22	58	23	57	24	56	25	55	26	54	27	53	28	52	20
11	22	7	23	7	24	6	25	6	26	5	27	4	28	3	29	2	19
12	22	15	23	50	24	14	25	14	26	13	27	12	28	11	29	10	18
13	22	23	23	23	24	22	25	22	26	21	27	20	28	19	29	18	17
14	22	30	23	30	24	29	25	29	26	29	27	28	28	28	29	27	16
15	22	37	23	37	24	36	25	36	26	36	27	35	28	35	29	34	15
16	22	44	23	44	24	43	25	43	26	43	27	42	28	42	29	41	14
17	22	50	23	50	24	50	25	50	26	50	27	50	28	50	29	48	13
18	22	56	23	56	24	56	25	56	26	56	27	56	28	56	29	55	12
19	23	1	24	1	25	1	26	1	27	0	28	0	29	0	30	0	11
20	23	5	24	5	25	5	26	5	27	5	28	5	29	5	30	5	10
21	23	10	24	9	25	9	26	9	27	9	28	9	29	9	30	9	9
22	23	13	24	13	25	13	26	13	27	13	28	13	29	13	30	13	8
23	23	17	24	16	25	16	26	16	27	16	28	16	29	16	30	16	7
24	23	20	24	19	25	19	26	19	27	19	28	19	29	19	30	19	6
25	23	22	24	22	25	22	26	22	27	22	28	22	29	22	30	22	5
26	23	24	24	24	25	24	26	24	27	24	28	24	29	24	30	24	4
27	23	26	24	26	25	26	26	26	27	26	28	26	29	26	30	26	3
28	23	27	24	27	25	27	26	27	27	27	28	27	29	27	30	27	2
29	23	28	24	28	25	28	26	28	27	28	28	28	29	28	30	28	1
30	23	28	24	28	25	28	26	28	27	28	28	28	29	28	30	28	0



## RIGHT ASCENSION.

(N.B. For *Libra* add  $180^\circ$ : when the amount exceeds  $360^\circ$ , subtract that sum.)

<i>Aries</i> , with <i>North</i> Latitude.— <i>Libra</i> with <i>South</i> Latitude.									
	<sup>0</sup> 0	<sup>0</sup> 1	<sup>0</sup> 2	<sup>0</sup> 3	<sup>0</sup> 4	<sup>0</sup> 5	<sup>0</sup> 6	<sup>0</sup> 7	
D.	D. M.	D. M.	D. M.	D. M.	D. M.	D. M.	D. M.	D. M.	D. M.
0	0 0	359 37	359 13	358 49	358 25	358 1	357 37	357 13	
1	0 55	0 6	0 8	359 44	359 20	358 58	358 32	358 8	
2	1 50	1 27	1 3	0 39	0 15	359 51	359 27	359 3	
3	2 45	2 22	1 58	1 34	1 10	0 46	0 22	359 58	
4	3 40	3 17	2 53	2 29	2 5	1 41	1 17	0 53	
5	4 35	4 12	3 48	3 24	3 0	2 36	2 12	1 48	
6	5 30	5 7	4 43	4 19	3 55	3 31	3 7	2 43	
7	6 25	6 2	5 38	5 14	4 50	4 26	4 2	3 38	
8	7 21	6 57	6 33	6 9	5 45	5 21	4 57	4 32	
9	8 16	7 52	7 28	7 4	6 40	6 16	5 52	5 28	
10	9 11	8 47	8 23	7 59	7 35	7 11	6 47	6 23	
11	10 6	9 42	9 18	8 55	8 31	8 7	7 43	7 19	
12	11 2	10 38	10 14	9 51	9 27	9 3	8 39	8 15	
13	11 57	11 33	11 9	10 46	10 22	9 58	9 34	9 10	
14	12 53	12 29	12 5	11 42	11 18	10 54	10 30	10 6	
15	13 48	13 25	13 1	12 38	12 14	11 50	11 26	11 2	
16	14 44	14 20	13 57	13 34	13 10	12 46	12 22	11 58	
17	15 40	15 16	14 53	14 30	14 6	13 42	13 18	12 54	
18	16 31	16 12	15 49	15 26	15 2	14 39	14 15	13 51	
19	17 35	17 8	16 45	16 22	15 58	15 35	15 11	14 47	
20	18 27	18 4	17 41	17 18	16 54	16 31	16 7	15 44	
21	19 23	19 0	18 37	18 14	17 51	17 28	17 4	16 41	
22	20 20	19 56	19 33	19 11	18 48	18 25	18 1	17 38	
23	21 16	20 53	20 30	20 8	19 45	19 22	18 58	18 35	
24	22 12	21 50	21 27	21 5	20 42	20 19	19 55	19 32	
25	23 9	22 47	22 24	22 2	21 39	21 16	20 52	20 29	
26	24 6	23 44	23 21	22 59	22 36	22 13	21 50	21 27	
27	25 2	24 41	24 19	23 57	23 34	23 11	22 48	22 25	
28	25 59	25 38	25 16	24 54	24 31	24 9	23 46	23 23	
29	26 57	26 35	26 13	25 51	25 29	25 7	24 44	24 21	
30	27 54	27 33	27 11	26 49	26 27	26 5	25 42	25 19	



## RIGHT ASCENSION.

(N.B. For *Scorpio* add 180°.)

<i>Taurus</i> with <i>North</i> Latitude.— <i>Scorpio</i> with <i>South</i> Latitude.															
	0	1	2	3	4	5	6	7							
D.	D.	M.	D.	M.	D.	M.	D.	M.	D.	M.	D.	M.	D.	M.	D.
0	27	54	27	33	27	11	26	49	26	27	26	5	25	42	25
1	28	51	28	30	28	8	27	47	27	25	27	3	26	40	26
2	29	49	29	27	29	6	28	45	28	23	28	1	27	38	27
3	30	46	30	25	30	4	29	43	29	21	28	59	28	37	28
4	31	44	31	23	31	2	30	41	30	19	29	58	29	36	29
5	32	42	32	21	32	0	31	39	31	18	30	57	30	35	30
6	33	40	33	20	32	59	32	38	32	17	31	56	31	34	31
7	34	38	34	18	33	58	33	37	33	16	32	55	32	33	32
8	35	37	35	17	34	57	34	36	34	15	33	54	33	33	33
9	36	36	36	16	35	56	35	36	35	15	34	54	34	33	34
10	37	34	37	15	36	55	36	35	36	15	35	54	35	33	35
11	38	33	38	14	37	54	37	35	37	15	36	54	36	33	36
12	39	33	39	14	38	54	38	35	38	15	37	55	37	34	37
13	40	32	40	13	39	54	39	35	39	15	38	56	38	35	38
14	41	31	41	13	40	54	40	35	40	16	39	57	39	36	39
15	42	31	42	13	41	54	41	36	41	17	40	58	40	38	40
16	43	31	43	13	42	54	42	36	42	18	41	59	41	39	41
17	44	31	44	13	43	55	43	37	43	19	43	0	42	40	42
18	45	31	45	14	44	56	44	38	44	20	44	1	43	42	43
19	46	32	46	14	45	57	45	39	45	21	45	3	44	44	44
20	47	32	47	15	46	58	46	40	46	23	46	5	45	46	45
21	48	33	48	16	47	59	47	42	47	25	47	7	46	49	46
22	49	34	49	17	49	0	48	44	48	27	48	9	47	52	47
23	50	35	50	18	50	2	49	46	49	29	49	12	48	55	48
24	51	36	51	20	51	4	50	48	50	32	50	15	49	58	49
25	52	38	52	22	52	6	51	51	51	35	51	18	51	2	50
26	53	40	53	24	53	9	52	54	52	38	52	22	52	6	51
27	54	42	54	27	54	12	53	57	53	42	53	26	53	10	52
28	55	44	55	29	55	15	55	0	54	45	54	30	54	14	53
29	56	46	56	32	56	18	56	3	55	49	55	34	55	18	55
30	57	48	57	35	57	21	57	7	56	53	56	38	56	23	56



## RIGHT ASCENSION.

(N.B. For *Sagittary* add  $180^{\circ}$ .)

[illegible]



## RIGHT ASCENSION.

(N.B. For *Capricorn* add 180°).

Cancer with North Latitude.—Capricorn with South Latitude.																
	0		1		2		3		4		5		6		7	
D.	D.	M.	D.	M.	D.	M.	D.	M.	D.	M.	D.	M.	D.	M.	D.	M.
0	90	0	90	0	90	0	90	0	90	0	90	0	90	0	90	0
1	91	5	91	6	91	7	91	7	91	7	91	8	91	9	91	9
2	92	11	92	12	92	14	92	14	92	15	92	10	92	18	92	18
3	93	16	93	18	93	20	93	21	93	23	93	24	93	26	93	27
4	94	22	94	24	94	27	94	28	94	30	94	32	94	35	94	36
5	95	27	95	30	95	33	95	35	95	38	95	40	95	43	95	45
6	96	32	96	36	96	39	96	42	96	45	96	48	96	51	96	54
7	97	38	97	42	97	45	97	49	97	52	97	56	98	0	98	3
8	98	43	98	47	98	51	98	55	99	0	99	4	99	8	99	12
9	99	48	99	52	99	57	100	1	100	7	100	12	100	16	100	21
10	100	53	100	58	101	3	101	8	101	14	101	19	101	24	101	30
11	101	58	102	4	102	9	102	15	102	21	102	26	102	32	102	38
12	103	3	103	9	103	15	103	21	103	27	103	33	103	40	103	46
13	104	8	104	14	104	21	104	27	104	34	104	41	104	48	104	55
14	105	13	105	19	105	27	105	33	105	41	105	48	105	56	106	3
15	106	17	106	24	106	33	106	39	106	47	106	55	107	3	107	11
16	107	22	107	29	107	38	107	45	107	53	108	2	108	11	108	19
17	108	26	108	34	108	43	108	53	108	59	109	9	109	18	109	27
18	109	31	109	39	109	48	109	57	110	5	110	15	110	25	110	34
19	110	35	110	44	110	53	111	3	111	12	111	22	111	32	111	42
20	111	39	111	49	111	58	112	8	112	18	112	29	112	35	112	50
21	112	43	112	53	113	3	113	13	113	24	113	35	113	46	113	57
22	113	47	113	57	114	8	114	18	114	30	114	41	114	52	115	4
23	114	51	115	1	115	13	115	23	115	35	115	47	115	58	116	10
24	115	54	116	5	116	17	116	28	116	41	116	52	117	4	117	17
25	116	57	117	9	117	21	117	33	117	46	117	58	118	10	118	23
26	118	1	118	13	118	25	118	38	118	51	119	3	119	16	119	29
27	119	4	119	16	119	29	119	42	119	55	120	8	120	22	120	35
28	120	7	120	19	120	33	120	46	120	59	121	13	121	27	121	41
29	121	9	121	22	121	36	121	50	122	3	122	18	122	32	122	47
30	122	12	122	25	122	39	122	53	123	7	123	22	123	37	123	52



## RIGHT ASCENSION.

(N.B. For *Aquarius* add 180°).*Leo* with North Latitude.—*Aquarius* with South Latitude.

	<sup>0</sup> 0	<sup>0</sup> 1	<sup>0</sup> 2	<sup>0</sup> 3	<sup>0</sup> 4	<sup>0</sup> 5	<sup>0</sup> 6	<sup>0</sup> 7
D.	D. M.	D. M.	D. M.	D. M.	D. M.	D. M.	D. M.	D. M.
0	122 12	122 25	122 39	122 53	123 7	123 22	123 37	123 52
1	123 14	123 28	123 42	123 57	124 11	124 26	124 42	124 57
2	124 16	124 31	124 45	125 0	125 15	125 30	125 46	126 2
3	25 18	125 33	125 48	126 3	126 18	126 34	126 50	127 6
4	126 20	126 36	126 51	127 6	127 22	127 38	127 54	128 11
5	127 22	127 38	127 54	128 9	128 25	128 42	128 58	129 15
6	128 24	128 40	128 56	129 12	129 28	129 45	130 2	130 19
7	129 25	129 42	129 58	130 14	130 31	130 48	131 5	131 23
8	130 26	130 43	131 0	131 16	131 33	131 51	132 8	132 26
9	131 27	131 44	132 1	132 18	132 35	132 53	133 11	133 29
10	132 28	132 45	133 2	133 20	133 37	133 55	134 14	134 22
11	133 28	133 46	134 3	134 21	134 39	134 57	135 16	135 35
12	134 29	134 47	135 4	135 22	135 40	135 59	136 18	136 37
13	135 29	135 47	136 5	136 23	136 41	137 0	137 20	137 39
14	136 29	136 47	137 6	137 24	137 42	138 1	138 21	138 41
15	137 29	137 47	138 6	138 24	138 43	139 2	139 22	139 42
16	138 29	138 47	139 6	139 25	139 44	140 3	140 24	140 44
17	139 28	139 47	140 6	140 25	140 45	141 4	141 25	141 45
18	140 28	140 46	141 6	141 25	141 45	142 5	142 26	142 46
19	141 27	141 46	142 6	142 25	142 45	143 6	143 27	143 47
20	142 26	142 45	143 5	143 25	143 45	144 6	144 27	144 48
21	143 25	143 44	144 4	144 24	144 45	145 6	145 27	145 48
22	144 23	144 43	145 3	145 24	145 45	146 6	146 27	146 48
23	145 22	145 42	146 2	146 23	146 44	147 5	147 27	147 48
24	146 20	146 40	147 1	147 22	147 43	148 4	148 26	148 48
25	147 18	147 39	148 0	148 21	148 42	149 3	149 25	149 47
26	148 16	148 37	148 58	149 19	149 41	150 2	150 24	150 46
27	149 14	149 35	149 56	150 17	150 39	151 1	151 23	151 45
28	150 11	150 33	150 54	151 15	151 37	151 59	152 22	152 44
29	151 9	151 30	151 52	152 13	152 35	152 57	153 20	153 43
30	152 6	152 27	152 49	153 11	153 33	153 55	154 18	154 41



## RIGHT ASCENSION.

(N.B. For *Pisces* add  $180^{\circ}$ : if the amount exceeds  $360^{\circ}$ , subtract that sum.)

Virgo with North Latitude.—Pisces with South Latitude.																
	0		1		2		3		4		5		6		7	
D.	D.	M.	D.	M.	D.	M.	D.	M.	D.	M.	D.	M.	D.	M.	D.	M.
0	152	6	152	27	152	49	153	11	153	33	153	55	154	18	154	4
1	153	4	153	25	153	47	154	9	154	31	154	53	155	16	155	39
2	154	1	154	22	154	44	155	6	155	29	155	51	156	14	156	37
3	154	58	155	19	155	41	156	3	156	26	156	49	157	12	157	35
4	155	54	156	16	156	39	157	1	157	24	157	47	158	10	158	33
5	156	51	157	13	157	36	157	58	158	21	158	44	159	8	159	31
6	157	48	158	10	158	33	158	55	159	18	159	41	160	5	160	28
7	158	44	159	7	159	30	159	51	160	15	160	38	161	2	161	25
8	159	40	160	4	160	27	160	49	161	12	161	35	161	59	162	22
9	160	37	161	0	161	23	161	46	162	9	162	32	162	56	163	19
10	161	33	161	56	162	19	162	42	163	6	163	29	163	53	164	16
11	162	29	162	52	163	15	163	38	164	2	164	25	164	49	165	13
12	163	25	163	50	164	11	164	34	164	58	165	21	165	45	166	9
13	164	20	164	44	165	7	165	30	165	54	166	18	166	42	167	6
14	165	16	165	40	166	3	166	26	166	50	167	14	167	38	168	2
15	166	12	166	35	166	59	167	22	167	46	168	10	168	34	168	58
16	167	7	167	31	167	55	168	18	168	42	169	6	169	30	169	54
17	168	3	168	27	168	51	169	14	169	38	170	2	170	26	170	50
18	168	58	169	23	169	46	170	9	170	33	170	57	171	21	171	45
19	169	54	170	18	170	42	171	5	171	29	171	53	172	17	172	41
20	170	49	171	13	171	37	172	1	172	25	172	49	173	13	173	37
21	171	44	172	8	172	32	172	56	173	20	173	44	174	8	174	32
22	172	39	173	3	173	27	173	51	174	15	174	39	175	3	175	27
23	173	35	173	58	174	22	174	46	175	10	175	34	175	58	176	22
24	174	30	174	53	175	17	175	41	176	5	176	29	176	53	177	17
25	175	25	175	48	176	12	176	36	177	0	177	24	177	48	178	12
26	176	20	176	43	177	7	177	31	177	56	178	19	178	43	179	7
27	177	15	177	38	178	2	178	26	178	50	179	14	179	38	180	2
28	178	10	178	33	178	57	179	21	179	45	180	9	180	33	180	57
29	179	5	179	28	179	52	180	16	180	40	181	4	181	28	181	52
30	180	0	180	23	180	47	181	11	181	35	181	59	182	23	182	47



## RIGHT ASCENSION.

(N.B. For *Aries* subtract 180°.)

<i>Libra</i> with North Latitude.— <i>Aries</i> with South Latitude.									
	<sup>0</sup> 0	<sup>0</sup> 1	<sup>0</sup> 2	<sup>0</sup> 3	<sup>0</sup> 4	<sup>0</sup> 5	<sup>0</sup> 6	<sup>0</sup> 7	
D.	D. M.	D. M.	D. M.	D. M.	D. M.	D. M.	D. M.	D. M.	D. M.
0	180 0	180 23	180 47	181 11	181 35	181 59	182 23	182 47	
1	180 55	181 18	181 42	182 6	182 30	182 54	183 18	183 42	
2	181 50	182 13	182 37	183 1	183 25	183 49	184 13	184 37	
3	182 45	183 8	183 32	183 56	184 20	184 44	185 8	185 32	
4	183 40	184 3	184 27	184 51	185 15	185 39	186 3	186 27	
5	184 35	184 58	185 22	185 46	186 10	186 34	186 58	187 22	
6	185 30	185 54	186 18	186 42	187 6	187 30	187 53	188 17	
7	186 25	186 49	187 13	187 37	188 1	188 25	188 48	189 12	
8	187 21	187 44	188 8	188 32	188 56	189 20	189 43	190 7	
9	188 16	188 39	189 3	189 27	189 51	190 15	190 38	191 2	
10	189 11	189 34	189 58	190 22	190 46	191 10	191 33	191 57	
11	190 6	190 29	190 53	191 17	191 41	192 5	192 28	192 52	
12	191 2	191 25	191 48	192 13	192 36	193 0	193 23	193 47	
13	191 57	192 20	192 43	193 8	193 31	193 55	194 18	194 41	
14	192 53	193 16	193 39	194 3	194 26	194 50	195 13	195 36	
15	193 48	194 12	194 35	194 58	195 21	195 45	196 8	196 31	
16	194 44	195 7	195 30	195 53	196 16	196 40	197 3	197 26	
17	195 40	196 2	196 25	196 48	197 11	197 35	197 58	198 21	
18	196 35	196 58	197 21	197 44	198 7	198 30	198 53	199 16	
19	197 31	197 54	198 17	198 40	199 2	199 25	199 48	200 11	
20	198 27	198 50	199 13	199 36	199 58	200 21	200 43	201 7	
21	199 23	199 46	200 9	200 32	200 54	201 16	201 39	202 2	
22	200 20	200 42	201 5	201 28	201 50	202 12	202 34	202 57	
23	201 16	201 38	202 1	202 24	202 46	203 8	203 30	203 52	
24	202 12	202 35	202 57	203 20	203 42	204 4	204 26	204 48	
25	203 9	203 31	203 53	204 16	204 38	205 0	205 21	205 43	
26	204 6	204 29	204 50	205 12	205 34	205 56	206 17	206 39	
27	205 2	205 25	205 47	206 9	206 30	206 52	207 13	207 35	
28	205 59	206 22	206 43	207 5	207 26	207 48	208 9	208 30	
29	206 57	207 19	207 40	208 1	208 22	208 44	209 5	209 26	
30	207 54	208 16	208 37	208 58	209 19	209 40	210 1	210 22	



## RIGHT ASCENSION.

(N.B. For *Taurus* subtract 180°.)

<i>Scorpio</i> with North Latitude.— <i>Taurus</i> with South Latitude.									
	<sup>0</sup>	<sup>1</sup>	<sup>2</sup>	<sup>3</sup>	<sup>4</sup>	<sup>5</sup>	<sup>6</sup>	<sup>7</sup>	
D.	D. M.	D. M.	D. M.	D. M.	D. M.	D. M.	D. M.	D. M.	D. M.
0	207 54	208 16	208 37	208 58	209 19	209 40	210 1	210 22	
1	208 51	209 13	209 34	209 55	210 16	210 37	210 57	211 18	
2	209 49	210 10	210 31	210 52	211 13	211 34	211 54	212 14	
3	210 46	211 17	211 28	211 49	212 10	212 31	212 51	213 11	
4	211 44	212 5	212 25	212 46	213 7	213 27	213 47	214 7	
5	212 42	213 3	213 23	213 43	214 4	214 24	214 44	215 4	
6	213 40	214 1	214 21	214 41	215 1	215 21	215 41	216 1	
7	214 38	214 59	215 19	215 39	215 58	216 18	216 38	216 57	
8	215 37	215 57	216 17	216 37	216 56	217 15	217 35	217 54	
9	216 36	216 56	217 15	217 35	217 54	218 13	218 32	218 51	
10	217 34	217 54	218 13	218 33	218 52	219 11	219 29	219 48	
11	218 33	218 53	219 12	219 31	219 50	220 9	220 27	220 45	
12	219 33	219 52	220 11	220 30	220 48	221 7	221 25	221 43	
13	220 32	220 51	221 10	221 28	221 46	222 5	222 23	222 41	
14	221 31	221 50	222 9	222 27	222 45	223 3	223 21	223 39	
15	222 31	222 50	223 8	223 26	223 44	224 2	224 19	224 37	
16	223 31	223 49	224 7	224 25	224 43	225 0	225 17	225 35	
17	224 31	224 49	225 6	225 24	225 42	225 59	226 15	226 33	
18	225 31	225 49	226 6	226 23	226 41	226 58	227 14	227 31	
19	226 32	226 49	227 6	227 23	227 40	227 57	228 13	228 29	
20	227 32	227 49	228 6	228 23	228 39	228 56	229 12	229 28	
21	228 33	228 50	229 6	229 23	229 39	229 55	230 11	230 27	
22	229 34	229 50	230 6	230 23	230 38	230 54	231 10	231 25	
23	230 35	230 51	231 6	231 23	231 38	231 53	232 9	232 24	
24	231 36	231 52	232 7	232 23	232 38	232 53	233 8	233 23	
25	232 38	232 53	233 8	233 24	233 38	233 53	234 8	234 22	
26	233 40	233 55	234 9	234 24	234 38	234 53	235 7	235 21	
27	234 41	234 57	235 11	235 25	235 39	235 53	236 7	236 21	
28	235 43	235 58	236 12	236 26	236 40	236 54	237 7	237 20	
29	236 46	237 0	237 14	237 27	237 41	237 54	238 7	238 20	
30	237 48	238 2	238 15	238 29	238 42	238 55	239 7	239 20	



## RIGHT ASCENSION.

(N.B. For *Gemini* subtract 180°).

Sagittary with North Latitude.—Gemini with South Lat.																
	0		1		2		3		4		5		6		7	
D.	D.	M.	D.	M.	D.	M.	D.	M.	D.	M.	D.	M.	D.	M.	D.	M.
0	237	48	238	2	238	15	238	29	238	42	238	55	239	7	239	20
1	238	51	239	4	239	17	239	30	239	43	239	55	240	7	240	20
2	239	53	240	6	240	19	240	31	240	44	240	56	241	8	241	20
3	240	56	241	9	241	21	241	33	241	45	241	57	242	9	242	21
4	241	59	242	11	242	23	242	35	242	46	242	58	243	9	243	21
5	243	3	243	14	243	25	243	37	243	48	243	59	244	10	244	21
6	244	6	244	17	244	28	244	39	244	50	245	1	245	11	245	22
7	245	9	245	20	245	31	245	41	245	52	246	2	246	12	246	22
8	246	13	246	23	246	34	246	44	246	54	247	4	247	13	247	23
9	247	17	247	27	247	37	247	47	247	56	248	6	248	15	248	24
10	248	21	248	30	248	40	248	49	248	58	249	7	249	16	249	25
11	249	25	249	34	249	43	249	52	250	0	250	9	250	17	250	26
12	250	20	250	38	250	46	250	55	251	3	251	11	251	19	251	27
13	251	34	251	42	251	49	251	58	252	5	252	13	252	21	252	28
14	252	38	252	46	252	53	253	1	253	8	253	15	253	23	253	30
15	253	43	253	50	253	57	254	4	254	11	254	18	254	25	254	32
16	254	47	254	54	255	1	255	7	255	14	255	20	255	27	255	33
17	255	52	255	58	256	5	256	11	256	17	256	22	256	29	256	35
18	256	57	257	3	257	9	257	15	257	21	257	25	257	31	257	37
19	258	2	258	7	258	13	258	18	258	23	258	28	258	33	258	38
20	259	7	259	12	259	17	259	21	259	26	259	31	259	35	259	40
21	260	12	260	17	260	21	260	25	260	29	260	34	260	38	260	42
22	261	17	261	21	261	25	261	28	261	32	261	36	261	40	261	44
23	262	22	262	25	262	29	262	32	262	35	262	39	262	42	262	46
24	263	28	263	30	263	33	263	36	263	39	263	42	263	45	263	48
25	264	33	264	35	264	37	264	40	264	42	264	45	264	47	264	50
26	265	38	265	40	265	41	265	44	265	45	265	48	265	49	265	52
27	266	44	266	45	266	46	266	48	266	49	266	51	266	52	266	54
28	267	49	267	50	267	50	267	52	267	52	267	54	267	54	267	56
29	268	55	268	55	268	55	268	56	268	56	268	57	268	57	268	58
30	270	0	270	0	270	0	270	0	270	0	270	0	270	0	270	0



## RIGHT ASCENSION.

(N. B. For *Cancer* subtract 180°.)*Capricorn* with *North* Latitude.—*Cancer* with *South* Latitude.

	0	1	2	3	4	5	6	7
D.	D. M.	D. M.	D. M.	D. M.	D. M.	D. M.	D. M.	D. M.
0	270 0	270 0	270 0	270 0	270 0	270 0	270 0	270 0
1	271 5	271 5	271 5	271 4	271 4	271 3	271 3	271 2
2	272 11	272 10	272 10	272 8	272 8	272 6	272 6	272 4
3	273 16	273 15	273 14	273 12	273 11	273 9	273 8	273 6
4	274 22	274 20	274 19	274 16	274 15	274 12	274 11	274 8
5	275 27	275 25	275 23	275 20	275 18	275 15	275 13	275 10
6	276 32	276 30	276 27	276 21	276 21	276 18	276 15	276 12
7	277 38	277 35	277 31	277 28	277 25	277 21	277 18	277 14
8	278 43	278 39	278 35	278 32	278 28	278 24	278 20	278 16
9	279 48	279 43	279 39	279 35	279 31	279 26	279 22	279 18
10	280 53	280 48	280 43	280 39	280 34	280 29	280 25	280 20
11	281 58	281 53	281 47	281 42	281 37	281 32	281 27	281 22
12	283 3	282 57	282 51	282 45	282 40	282 34	282 29	282 23
13	284 8	284 2	283 55	283 49	283 43	283 37	283 31	283 25
14	285 13	285 6	284 59	284 53	284 46	284 40	284 33	284 27
15	286 17	286 10	286 3	285 56	285 49	285 42	285 35	285 28
16	287 22	287 14	287 7	286 59	286 52	286 45	286 37	286 30
17	288 26	288 18	288 11	288 2	287 55	287 47	287 39	287 32
18	289 31	289 22	289 14	289 5	288 57	288 49	288 41	288 33
19	290 35	290 26	290 17	290 8	290 0	289 51	289 43	289 34
20	291 39	291 30	291 20	291 11	291 2	290 53	290 44	290 35
21	292 48	292 33	292 23	292 13	292 4	291 55	291 45	291 36
22	293 47	293 37	293 26	293 16	293 6	292 56	292 47	292 37
23	294 51	294 40	294 29	294 19	294 8	293 58	293 48	293 38
24	295 54	295 43	295 32	295 21	295 10	294 59	294 49	294 38
25	296 57	296 46	296 35	296 23	296 12	296 1	295 50	295 39
26	298 1	297 49	297 37	297 25	297 14	297 2	296 51	296 39
27	299 4	298 51	298 39	298 27	298 15	298 3	297 51	297 39
28	300 7	299 54	299 41	299 29	299 16	299 4	298 52	298 40
29	301 9	300 56	300 43	300 30	300 17	300 5	299 53	299 40
30	302 12	301 58	301 45	301 31	301 18	301 5	300 53	300 40



## RIGHT ASCENSION.

(N.B. For *Leo* subtract  $180^{\circ}$ .)

Aquarius with North Latitude.—Leo with South Latitude.																
	0		1		2		3		4		5		6		7	
D.	D.	M.	D.	M.	D.	M.	D.	M.	D.	M.	D.	M.	D.	M.	D.	M.
0	302	12	301	58	301	45	301	31	301	18	301	5	300	53	300	40
1	303	14	303	0	302	47	302	33	302	19	302	6	301	53	301	40
2	304	16	304	2	303	48	303	34	303	20	303	6	302	53	302	40
3	305	18	305	3	304	50	304	35	304	21	304	7	303	53	303	39
4	306	20	306	5	305	51	305	36	305	22	305	7	304	53	304	39
5	307	22	307	7	306	52	306	36	306	22	306	7	305	52	305	38
6	308	24	308	8	307	53	307	37	307	22	307	7	306	52	306	37
7	309	25	309	9	308	54	308	37	308	22	308	7	307	51	307	36
8	310	26	310	10	309	54	309	37	309	22	309	6	308	50	308	35
9	311	27	311	10	310	54	310	37	310	21	310	5	309	49	309	33
10	312	28	312	11	311	54	311	37	311	21	311	4	310	48	310	32
11	313	28	313	11	312	54	312	37	312	20	312	3	311	47	311	31
12	314	29	314	11	313	54	313	37	313	19	313	2	312	46	312	29
13	315	29	315	11	314	54	314	36	314	18	314	1	313	45	313	27
14	316	29	316	11	315	53	315	35	315	17	315	0	314	43	314	25
15	317	29	317	10	316	52	316	34	316	16	315	58	315	41	315	23
16	318	29	318	10	317	51	317	33	317	15	316	57	316	39	316	21
17	319	28	319	9	318	50	318	32	318	14	317	55	317	37	317	19
18	320	27	320	8	319	49	319	30	319	12	318	53	318	35	318	17
19	321	27	321	7	320	48	320	29	320	10	319	51	319	33	319	15
20	322	26	322	6	321	47	321	27	321	8	320	49	320	31	320	12
21	323	25	323	4	322	45	322	25	322	6	321	47	321	28	321	9
22	324	23	324	3	323	43	323	23	323	4	322	45	322	25	322	6
23	325	22	325	1	324	41	324	21	324	1	323	42	323	22	323	3
24	326	20	325	59	325	39	325	19	324	59	324	39	324	19	323	59
25	327	18	326	57	326	37	326	17	325	56	325	36	325	16	324	56
26	328	16	327	55	327	35	327	14	326	53	326	33	326	13	325	53
27	329	14	328	53	328	32	328	11	327	50	327	30	327	10	326	49
28	330	11	329	50	329	29	329	8	328	47	328	27	328	6	327	46
29	331	9	330	47	330	26	330	5	329	44	329	25	329	3	328	42
30	332	6	331	44	331	23	331	2	330	41	330	20	329	59	329	38



## RIGHT ASCENSION.

(N.B. For *Virgo* subtract 180°.)

<i>Pisces</i> with North Latitude.— <i>Virgo</i> with South Latitude.									
	<sup>0</sup> 0	<sup>0</sup> 1	<sup>0</sup> 2	<sup>0</sup> 3	<sup>0</sup> 4	<sup>0</sup> 5	<sup>0</sup> 6	<sup>0</sup> 7	
D.	D. M.	D. M.	D. M.	D. M.	D. M.	D. M.	D. M.	D. M.	D. M.
0	332 6	331 44	331 23	331 2	330 41	330 20	329 59	329 38	
1	333 4	332 41	332 20	331 59	331 38	331 16	330 55	330 34	
2	334 1	333 38	333 17	332 55	332 34	332 12	331 51	331 30	
3	334 58	334 35	334 13	333 51	333 30	333 8	332 47	332 25	
4	335 55	335 32	335 10	334 48	334 26	334 4	333 43	333 21	
5	336 51	336 29	336 7	335 44	335 22	335 0	334 39	334 17	
6	337 48	337 25	337 3	336 40	336 18	335 56	335 34	335 12	
7	338 44	338 22	337 59	337 36	337 14	336 52	336 30	336 8	
8	339 40	339 18	338 55	338 32	338 10	337 48	337 26	337 3	
9	340 37	340 14	339 51	339 28	339 6	338 43	338 21	337 58	
10	341 33	341 10	340 47	340 24	340 2	339 39	339 17	338 54	
11	342 29	342 6	341 43	341 20	340 58	340 35	340 12	339 49	
12	343 25	343 2	342 39	342 16	341 53	341 30	341 7	340 44	
13	344 20	343 58	343 35	343 12	342 49	342 25	342 2	341 39	
14	345 16	344 53	344 30	344 7	343 44	343 20	342 57	342 34	
15	346 12	345 48	345 25	345 2	344 39	344 15	343 52	343 29	
16	347 7	346 44	346 21	345 57	345 34	345 10	344 47	344 24	
17	348 3	347 40	347 17	346 52	346 29	346 5	345 42	345 19	
18	348 58	348 35	348 12	347 47	347 24	347 0	346 37	346 13	
19	349 54	349 31	349 7	348 43	348 19	347 55	347 32	347 8	
20	350 49	350 26	350 3	349 38	349 14	348 50	348 27	348 3	
21	351 44	351 21	350 57	350 33	350 9	349 45	349 22	348 58	
22	352 39	352 16	351 52	351 28	351 4	350 40	350 17	349 53	
23	353 35	353 11	352 47	352 23	351 59	351 35	351 12	350 48	
24	354 30	354 6	353 42	353 18	352 54	352 30	352 7	351 43	
25	355 25	355 1	354 38	354 14	353 50	353 26	353 2	352 38	
26	356 20	355 57	355 33	355 9	354 45	354 21	353 57	353 33	
27	357 15	356 52	356 28	356 4	355 40	355 16	354 52	354 28	
28	358 10	357 47	357 23	356 59	356 35	356 11	355 47	355 23	
29	359 5	358 42	358 18	357 54	357 30	357 6	356 42	356 18	
30	360 0	359 37	359 13	358 49	358 25	358 1	357 37	357 13	



## TABLES OF ASCENSIONAL DIFFERENCE.

DECLINATION.	LATITUDE OR POLAR ELEVATION.								
	<sup>0</sup> 1	<sup>0</sup> 2	<sup>0</sup> 3	<sup>0</sup> 4	<sup>0</sup> 5	<sup>0</sup> 6	<sup>0</sup> 7	<sup>0</sup> 8	<sup>0</sup> 9
	D. M.	D. M.	D. M.	D. M.	D. M.	D. M.	D. M.	D. M.	D. M.
1	0 10	0 20	0 30	0 40	0 50	0 60	0 70	0 80	0 9
2	0 20	0 40	0 60	0 80	1 00	1 30	1 50	0 70	19
3	0 30	0 60	0 90	1 30	1 60	1 90	2 20	0 250	29
4	0 40	0 80	1 30	1 70	2 10	2 50	3 0	0 340	38
5	0 50	1 00	1 60	2 10	2 60	3 20	3 7	0 420	48
6	0 60	1 30	1 90	2 50	3 20	3 80	4 44	0 510	57
7	0 70	1 50	2 20	3 0	3 70	4 44	5 20	0 591	7
8	0 80	1 70	2 50	3 40	4 20	5 10	5 91	1 81	16
9	0 90	1 90	2 90	3 80	4 80	5 71	7 1	1 161	26
10	0 110	2 10	3 20	4 20	5 31	4 1	14 1	25 1	36
11	0 120	2 30	3 50	4 70	5 81	10 1	22 1	34 1	46
12	0 130	2 50	3 80	5 11	4 1	17 1	30 1	43 1	56
13	0 140	2 80	4 20	5 61	9 1	23 1	37 1	52 2	6
14	0 150	3 0	4 51	0 1	15 1	30 1	45 2	1 2	16
15	0 160	3 20	4 81	4 1	21 1	37 1	53 2	10 2	26
16	0 170	3 40	5 21	9 1	26 1	44 2	1 2	19 2	36
17	0 180	3 70	5 51	14 1	32 1	50 2	9 2	28 2	47
18	0 190	3 90	5 91	18 1	38 1	57 2	17 2	37 2	57
19	0 210	4 1	2 23	1 44	2 4	2 25	2 46	3 8	
20	0 220	4 1	6 1	27 1	49 2	12 2	34 2	56 3	18
21	0 230	4 61	9 1	32 1	55 2	19 2	41 3	63 29	
22	0 240	4 91	13 1	37 2	2 26	2 50	3 15	3 40	
23	0 250	5 11	17 1	42 2	8 2	33 2	59 3	25 3	51
24	0 270	5 31	20 1	47 2	14 2	41 3	9 3	35 4	3
25	0 280	5 61	24 1	52 2	20 2	49 3	17 3	45 4	14
26	0 290	5 91	28 1	57 2	27 2	56 3	26 3	56 4	26
27	0 311	1 1	32 2	3 33	3 43	35 4	6 4	38	
28	0 321	4 1	36 2	8 2	40 3	12 3	45 4	17 4	50



## TABLES OF ASCENSIONAL DIFFERENCE.

DECLINATION.	LATITUDE OR POLAR ELEVATION.									
	<sup>0</sup> 10	<sup>0</sup> 11	<sup>0</sup> 12	<sup>0</sup> 13	<sup>0</sup> 14	<sup>0</sup> 15	<sup>0</sup> 16	<sup>0</sup> 17	<sup>0</sup> 18	
	D. M.	D. M.	D. M.	D. M.	D. M.	D. M.	D. M.	D. M.	D. M.	M.
1	0 11	0 12	0 13	0 14	0 15	0 16	0 17	0 18	0 19	
2	0 21	0 23	0 25	0 28	0 30	0 32	0 34	0 37	0 39	
3	0 32	0 35	0 38	0 42	0 45	0 48	0 52	0 54	0 59	
4	0 42	0 47	0 51	0 56	1 01	1 41	1 91	1 14	1 18	
5	0 53	0 58	1 41	1 91	1 15	1 21	1 26	1 32	1 38	
6	1 41	1 10	1 17	1 23	1 30	1 37	1 44	1 50	1 57	
7	1 14	1 22	1 30	1 37	1 45	1 53	2 12	2 9	2 17	
8	1 25	1 35	1 43	1 52	2 02	2 9	2 19	2 28	2 37	
9	1 36	1 46	1 56	2 6	2 16	2 26	2 36	2 47	2 57	
10	1 47	1 58	2 9	2 20	2 31	2 42	2 54	3 5	3 17	
11	1 58	2 10	2 22	2 34	2 47	2 59	3 12	3 24	3 37	
12	2 9	2 22	2 35	2 49	3 23	3 16	3 30	3 44	3 58	
13	2 20	2 34	2 49	3 33	3 18	3 33	3 48	4 34	4 18	
14	2 31	2 47	3 23	3 18	3 34	3 50	4 6	4 22	4 39	
15	2 42	2 59	3 16	3 33	3 50	4 7	4 24	4 42	5 0	
16	2 54	3 12	3 30	3 48	4 6	4 24	4 43	5 25	5 21	
17	3 5	3 24	3 44	4 3	4 22	4 42	5 25	5 22	5 42	
18	3 17	3 37	3 58	4 18	4 39	5 0	5 21	5 42	6 4	
19	3 29	3 50	4 12	4 34	4 55	5 18	5 40	6 36	6 26	
20	3 41	4 3	4 26	4 49	5 12	5 36	5 59	6 21	6 48	
21	3 53	4 17	4 41	5 5	5 30	5 54	6 19	6 45	7 10	
22	4 5	4 30	4 56	5 24	5 47	6 13	6 39	7 6	7 33	
23	4 18	4 44	5 11	5 37	6 56	6 32	6 59	7 27	7 56	
24	4 3	4 58	5 26	5 54	6 23	6 51	7 20	7 49	8 19	
25	4 43	5 12	5 41	6 11	6 41	7 11	7 41	8 12	8 43	
26	4 56	5 26	5 57	6 28	6 59	7 31	8 2	8 35	9 7	
27	5 9	5 41	6 13	6 45	7 18	7 51	8 24	8 58	9 32	
28	5 23	5 56	6 29	7 3	7 37	8 11	8 46	9 21	9 57	



## TABLES OF ASCENSIONAL DIFFERENCE.

DECLINATION.	LATITUDE OR POLAR ELEVATION.									
	<sup>0</sup> 19	<sup>0</sup> 20	<sup>0</sup> 21	<sup>0</sup> 22	<sup>0</sup> 23	<sup>0</sup> 24	<sup>0</sup> 25	<sup>0</sup> 26	<sup>0</sup> 27	
	D. M.	D. M.	D. M.	D. M.	D. M.	D. M.	D. M.	D. M.	D. M.	D. M.
1	0 21	0 22	0 23	0 24	0 25	0 27	0 28	0 29	0 31	
2	0 42	0 44	0 46	0 49	0 51	0 53	0 56	0 59	1 1	
3	1 2	1 6	1 9	1 13	1 17	1 20	1 24	1 28	1 32	
4	1 23	1 27	1 32	1 37	1 42	1 47	1 52	1 57	2 3	
5	1 44	1 49	1 55	2 2	2 8	2 14	2 20	2 27	2 33	
6	2 4	2 12	2 19	2 26	2 33	2 41	2 49	2 56	3 4	
7	2 25	2 34	2 42	2 51	2 59	3 8	3 17	3 26	3 35	
8	2 46	2 56	3 6	3 15	3 25	3 35	3 45	3 56	4 6	
9	3 8	3 18	3 29	3 40	3 51	4 3	4 14	4 26	4 38	
10	3 20	3 41	3 53	4 5	4 18	4 30	4 53	4 56	5 9	
11	3 50	4 3	4 17	4 30	4 44	4 58	5 12	5 26	5 41	
12	4 12	4 26	4 41	4 56	5 11	5 26	5 41	5 57	6 13	
13	4 34	4 49	5 55	5 21	5 38	5 54	6 11	6 28	6 45	
14	4 56	5 12	5 30	5 47	6 5	6 22	6 41	6 59	7 18	
15	5 18	5 36	5 54	6 13	6 32	6 51	7 11	7 31	7 51	
16	5 40	5 59	6 19	6 39	6 59	7 20	7 41	8 3	8 24	
17	6 22	6 23	6 44	7 6	7 27	7 49	8 12	8 35	8 58	
18	6 25	6 47	7 10	7 33	7 56	8 19	8 43	9 7	9 32	
19	6 49	7 12	7 36	8 0	8 24	8 49	9 14	9 40	10 6	
20	7 12	7 37	8 2	8 27	8 53	9 19	9 46	10 14	10 41	
21	7 36	8 2	8 28	8 55	9 23	9 50	10 19	10 47	11 17	
22	8 0	8 27	8 55	9 24	9 53	10 22	10 52	11 22	11 53	
23	8 24	8 53	9 22	9 53	10 23	10 54	11 25	11 57	12 29	
24	8 49	9 19	9 50	10 22	10 54	11 26	11 59	12 33	13 7	
25	9 14	9 46	10 19	10 52	11 25	11 59	12 34	13 9	13 45	
26	9 40	10 14	10 47	11 22	11 57	12 33	13 9	13 46	14 24	
27	10 6	10 41	11 17	11 53	12 29	13 7	13 45	14 23	15 3	
28	10 33	11 9	11 47	12 24	13 3	13 42	14 21	15 2	15 43	



## TABLES OF ASCENSIONAL DIFFERENCE.

DECLINATION.	LATITUDE OR POLAR ELEVATION.									
	<sup>0</sup> 23	<sup>0</sup> 29	<sup>0</sup> 30	<sup>0</sup> 31	<sup>0</sup> 32	<sup>0</sup> 33	<sup>0</sup> 34	<sup>0</sup> 35	<sup>0</sup> 36	
	D. M.	D. M.	D. M.	D. M.	D. M.	D. M.	D. M.	D. M.	D. M.	D. M.
1	0 32	0 33	0 35	0 36	0 37	0 39	0 40	0 42	0 44	
2	1 4	1 7	1 9	1 12	1 15	1 18	1 21	1 24	1 27	
3	1 36	1 40	1 44	1 48	1 53	1 57	2 2	2 6	2 11	
4	2 8	2 13	2 19	2 24	2 30	2 36	2 42	2 48	2 55	
5	2 40	2 47	2 54	3 1	3 8	3 15	3 23	3 31	3 39	
6	3 12	3 20	3 29	3 37	3 46	3 55	4 3	4 13	4 23	
7	3 45	3 54	4 4	4 14	4 24	4 34	4 45	4 56	5 7	
8	4 17	4 28	4 39	4 51	5 2	5 14	5 26	5 39	5 52	
9	4 50	5 2	5 15	5 28	5 41	5 54	6 8	6 22	6 37	
10	5 23	5 38	5 51	6 5	6 20	6 35	6 50	7 9	7 22	
11	5 56	6 11	6 27	6 42	6 59	7 15	7 32	7 49	8 7	
12	6 29	6 46	7 3	7 20	7 38	7 56	8 15	8 34	8 53	
13	7 3	7 21	7 40	7 58	8 18	8 37	8 58	9 18	9 39	
14	7 37	7 56	8 17	8 37	8 58	9 19	9 41	10 3	10 26	
15	8 11	8 32	8 54	9 16	9 38	10 1	10 25	10 49	11 14	
16	8 46	9 8	9 32	9 55	10 19	10 44	11 9	11 35	12 2	
17	9 21	9 45	10 10	10 35	11 1	11 27	11 54	12 22	12 54	
18	9 56	10 23	10 49	11 16	11 43	12 11	12 40	13 9	13 39	
19	10 33	11 0	11 28	11 56	12 26	12 55	13 26	13 57	14 29	
20	11 9	11 38	12 8	12 38	13 9	13 40	14 13	14 46	15 20	
21	11 46	12 17	12 48	13 20	13 53	14 26	15 0	15 36	16 12	
22	12 24	12 56	13 29	14 3	14 37	15 13	15 49	16 27	17 5	
23	13 3	13 37	14 11	14 47	15 23	16 0	16 38	17 17	17 58	
24	13 42	14 17	14 54	15 51	16 9	16 48	17 29	18 10	18 52	
25	14 21	14 59	15 37	16 16	16 56	17 38	18 20	19 3	19 48	
26	15 2	15 41	16 21	17 2	17 45	18 28	19 12	19 58	20 45	
27	15 43	16 24	17 6	17 50	18 34	19 19	20 6	20 54	21 44	
28	16 25	17 8	17 53	18 38	19 24	20 12	21 1	21 51	22 44	



## TABLES OF ASCENSIONAL DIFFERENCE.

DECLINATION.	LATITUDE OR POLAR ELEVATION.								
	<sup>0</sup> 37	<sup>0</sup> 38	<sup>0</sup> 39	<sup>0</sup> 40	<sup>0</sup> 41	<sup>0</sup> 42	<sup>0</sup> 43	<sup>0</sup> 44	<sup>0</sup> 45
	D. M.	D. M.	D. M.	D. M.	D. M.	D. M.	D. M.	D. M.	D. M.
1	0 45	0 47	0 49	0 50	0 52	0 54	0 56	0 58	1 0
2	1 31	1 34	1 37	1 41	1 44	1 48	1 52	1 56	2 0
3	2 16	2 21	2 26	2 31	2 37	2 42	2 48	2 54	3 0
4	3 1	3 8	3 15	3 22	3 29	3 37	3 44	3 52	4 1
5	3 47	3 55	4 4	4 13	4 22	4 31	4 41	4 51	5 1
6	4 33	4 42	4 53	5 4	5 15	5 26	5 37	5 50	6 2
7	5 19	5 30	5 42	5 55	6 8	6 21	6 34	6 49	7 5
8	6 5	6 18	6 32	6 46	7 1	7 16	7 32	7 48	8 5
9	6 51	7 6	7 22	7 38	7 55	8 12	8 30	8 48	9 7
10	7 38	7 55	8 13	8 30	8 49	9 8	9 28	9 48	10 9
11	8 25	8 44	9 3	9 23	9 44	10 5	10 27	10 49	11 12
12	9 13	9 34	9 55	10 16	10 39	11 2	11 26	11 51	12 16
13	10 1	10 24	10 46	11 10	11 35	12 0	12 26	12 53	13 21
14	10 59	11 14	11 39	12 4	12 31	12 58	13 27	13 56	14 26
15	11 39	12 5	12 32	13 0	13 28	13 58	14 28	14 0	15 32
16	12 29	12 57	13 26	13 55	14 26	14 58	15 31	16 5	16 40
17	13 19	13 49	14 20	14 52	15 25	15 59	16 34	17 10	17 48
18	14 10	14 42	15 15	15 49	16 24	17 1	17 38	18 17	18 58
19	15 2	15 36	16 11	16 48	17 25	18 4	18 44	19 25	20 9
20	15 55	16 31	17 8	17 47	18 27	19 8	19 51	20 35	21 21
21	16 49	17 27	18 7	18 47	19 30	20 13	20 59	21 46	22 34
22	17 44	18 24	19 6	19 49	20 34	21 20	22 8	22 58	23 50
23	18 39	19 22	20 6	20 52	21 39	22 28	23 19	24 12	25 7
24	19 36	20 21	21 8	21 56	22 46	23 38	24 32	25 28	26 26
25	20 34	21 21	22 11	23 1	23 55	24 50	25 47	26 46	27 48
26	21 34	22 24	23 16	24 10	25 5	26 3	27 3	28 6	29 11
27	22 35	23 28	24 22	25 19	26 17	27 18	28 22	29 29	30 38
28	23 37	24 33	25 30	26 30	27 31	28 36	29 44	30 54	32 7



## TABLES OF ASCENSIONAL DIFFERENCE.

DECLINATION.	LATITUDE OR POLAR ELEVATION.									
	<sup>0</sup> 46	<sup>0</sup> 47	<sup>0</sup> 48	<sup>0</sup> 49	<sup>0</sup> 50	<sup>0</sup> 51	<sup>0</sup> 52	<sup>0</sup> 53	<sup>0</sup> 54	
	D. M.	D. M.	D. M.	D. M.	D. M.	D. M.	D. M.	D. M.	D. M.	D. M.
1	1 2	1 4	1 7	1 9	1 12	1 14	1 17	1 20	1 23	
2	2 4	2 9	2 13	2 18	2 23	2 28	2 34	2 39	2 45	
3	3 7	3 13	3 20	3 27	3 35	3 43	3 51	3 59	4 8	
4	4 9	4 18	4 27	4 37	4 47	4 57	5 8	5 19	5 31	
5	5 12	5 23	5 35	5 47	5 59	6 12	6 26	6 40	6 55	
6	6 15	6 28	6 42	6 57	7 12	7 27	7 44	8 1	8 19	
7	7 18	7 34	7 50	8 7	8 25	8 43	9 2	9 23	9 44	
8	8 22	8 40	8 59	9 18	9 38	10 0	10 22	10 45	11 9	
9	9 26	9 47	10 8	10 30	10 53	11 17	11 42	12 8	12 35	
10	10 31	10 54	11 18	11 42	12 8	12 35	13 2	13 32	14 3	
11	11 57	12 1	12 28	12 55	13 24	13 53	14 24	14 57	15 31	
12	12 43	13 11	13 39	14 9	14 40	15 13	15 49	16 23	17 0	
13	13 50	14 20	14 51	15 24	15 58	16 34	17 11	17 50	18 32	
14	14 58	15 30	16 5	16 40	17 17	17 56	18 37	19 19	20 4	
15	16 7	16 42	17 19	17 57	18 37	19 19	20 4	20 50	21 38	
16	17 16	17 54	18 34	19 16	19 59	20 44	21 32	22 22	23 15	
17	18 27	19 8	19 51	20 36	21 22	22 11	23 2	23 56	24 53	
18	19 40	20 23	21 9	21 57	22 47	23 39	24 34	25 35	26 34	
19	20 53	21 40	22 29	23 18	24 14	25 10	26 9	27 11	28 17	
20	22 8	22 58	23 51	24 45	25 42	26 43	27 46	28 53	30 4	
21	23 25	24 10	25 14	26 12	27 14	28 18	29 26	30 37	31 54	
22	24 44	25 40	26 40	27 42	28 47	29 56	31 8	32 25	33 47	
23	26 5	27 5	28 8	29 14	30 23	31 43	32 54	34 17	35 45	
24	27 27	28 31	29 38	30 48	32 3	33 32	34 44	36 13	37 48	
25	28 52	30 0	31 12	32 26	33 46	35 21	36 39	38 14	39 59	
26	30 20	31 32	32 48	34 8	35 32	37 10	38 38	40 20	42 10	
27	31 51	33 7	34 28	35 53	37 23	39 0	40 42	42 33	44 32	
28	33 25	34 46	36 12	37 43	39 19	41 2	42 53	44 53	47 2	



## TABLES OF ASCENSIONAL DIFFERENCE.

DECLINATION.	LATITUDE OR POLAR ELEVATION.					
	<sup>0</sup> 55	<sup>0</sup> 56	<sup>0</sup> 57	<sup>0</sup> 58	<sup>0</sup> 59	<sup>0</sup> 60
	D. M.	D. M.	D. M.	D. M.	D. M.	D. M.
1	1 26	1 29	1 32	1 36	1 40	1 44
2	2 52	2 58	3 5	3 12	3 20	3 28
3	4 18	4 27	4 48	4 40	5 0	5 13
4	5 44	5 57	6 11	6 25	6 41	6 57
5	7 11	7 27	7 44	8 3	8 22	8 42
6	8 38	8 58	9 19	9 4	10 4	10 28
7	10 6	10 29	10 54	11 20	11 47	12 17
8	11 35	12 2	12 30	13 0	13 31	14 5
9	13 4	13 35	14 7	14 41	15 17	15 55
10	14 35	15 9	15 45	16 23	17 4	17 47
11	16 7	16 45	17 25	18 8	18 53	19 41
12	17 40	18 22	19 6	19 53	20 43	21 36
13	19 15	20 1	20 50	21 41	22 36	23 34
14	20 52	21 42	22 35	23 3	24 31	25 35
15	22 30	23 24	24 22	25 23	26 29	27 39
16	24 10	25 9	26 12	27 19	29 30	29 47
17	25 53	26 57	28 5	29 18	30 35	31 59
18	27 39	28 48	30 1	31 10	32 44	34 19
19	29 27	30 41	32 1	33 26	34 58	36 37
20	31 19	32 36	34 5	35 37	37 17	39 5
21	33 15	34 41	36 14	37 54	39 42	41 40
22	35 14	36 48	38 28	40 17	42 15	44 25
23	37 19	39 0	40 49	42 47	44 57	47 20
24	39 29	41 18	43 17	45 26	47 49	50 27
25	41 45	43 48	45 54	48 16	50 54	53 52
26	44 9	46 18	48 41	51 19	54 16	57 39
27	46 41	49 4	51 41	54 38	58 1	61 57
28	49 24	52 1	54 58	59 19	62 14	67 4



## TABLE OF THE POLES OF THE HOUSES,

From the *Equator* to 60 *Degrees* of *Latitude*.

LAT.	Pole of the 11th, 3d, 5th, & 9th Houses.		Pole of the 12th, 2d, 6th, & 8th Houses.		LAT.	Pole of the 11th, 3d, 5th, & 9th Houses.		Pole of the 12th, 2d, 6th, & 8th Houses.	
	DEG.	DEG. MIN.	DEG.	MIN.		DEG.	DEG. MIN.	DEG.	MIN.
1	0	21	0	42	31	11	26	21	56
2	0	41	1	22	32	11	54	22	46
3	1	0	2	0	33	12	23	23	36
4	1	21	2	41	34	12	51	24	25
5	1	41	3	23	35	13	26	25	15
6	2	0	4	0	36	13	51	26	5
7	2	21	4	40	37	14	18	26	55
8	2	41	5	21	38	14	52	27	48
9	3	2	6	2	39	15	24	28	40
10	3	23	6	43	40	15	56	29	32
11	3	43	7	24	41	16	29	30	25
12	4	4	8	5	42	17	5	31	20
13	4	24	8	45	43	17	42	32	18
14	4	45	9	26	44	18	20	33	15
15	5	7	10	10	45	18	58	34	13
16	5	29	10	50	46	19	37	35	10
17	5	49	11	30	47	20	19	36	10
18	6	12	12	14	48	21	3	37	12
19	6	34	12	57	49	21	46	38	12
20	6	57	13	41	50	22	33	39	14
21	7	20	14	24	51	23	21	40	18
22	7	43	15	7	52	24	12	41	24
23	8	5	15	50	53	25	6	42	32
24	8	30	16	36	54	26	1	43	39
25	8	54	17	22	55	26	59	44	48
26	9	17	18	5	56	28	1	45	59
27	9	43	18	52	57	29	6	47	13
28	10	8	19	37	58	30	15	48	27
29	10	32	20	21	59	31	29	49	44
30	10	59	21	9	60	32	48	51	4



## TABLE OF HOUSES FOR LIVERPOOL.

LATITUDE 53° 25' NORTH.

Right Asc. of Meridian.	10th House.	11th House.	12th House.	Ascendant.	2d House.	3d House.
DEG. MIN.	<i>Aries.</i>	<i>Taurus</i>	<i>Gemini</i>	<i>Cancer.</i>	<i>Leo.</i>	<i>Virgo.</i>
0 0	0	0	0	28 13	0	0
0 55	1	11	25	28 46	14	4
1 50	2	12	26	29 25	15	5
2 45	3	13	27	0 14	16	6
3 40	4	14	28	0 49	17	6
4 35	5	15	29	1 25	17	7
5 30	6	16	29	2 7	18	8
6 25	7	17	30	2 42	19	9
7 21	8	18	1	3 26	19	10
8 16	9	19	2	4 4	20	10
9 11	10	20	3	4 41	21	11
10 6	11	22	4	5 19	22	12
11 2	12	23	4	5 58	22	13
11 57	13	24	5	6 36	23	14
12 53	14	25	6	7 14	24	15
13 48	15	26	7	7 53	24	15
14 44	16	27	8	8 32	25	16
15 40	17	28	8	9 10	26	17
16 35	18	29	9	9 47	26	18
17 31	19	II	10	10 25	27	19
18 27	20	1	11	11 5	28	20
19 23	21	2	12	11 43	29	20
20 20	22	3	12	12 22	29	21
21 16	23	4	13	13 0	30	22
22 12	24	5	14	13 39	1	23
23 9	25	6	15	14 18	2	24
24 6	26	7	16	14 56	2	25
25 2	27	8	16	15 35	3	26
25 59	28	9	17	16 14	4	26
26 57	29	10	18	16 53	4	27
27 54	30	11	19	17 32	5	28



## TABLE OF HOUSES FOR LIVERPOOL.

LATITUDE 53° 25' NORTH.

Right Asc. of Meridian.	10th House.	11th House.	12th House.	Ascendant.	2d House.	3d House.
DEG. MIN.	<i>Taurus</i>	<i>Gemini</i>	<i>Cancer</i>	<i>Leo.</i>	<i>Virgo.</i>	<i>Virgo.</i>
0 27 54	0	0	0	0 17 32	0 5	0 28
1 28 51	1	12	20	18 11	6	29
2 29 49	2	13	21	18 51	7	1
3 30 46	3	14	21	19 30	8	1
4 31 44	4	15	22	20 9	8	1
5 32 42	5	15	23	20 48	9	2
6 33 40	6	16	24	21 37	10	3
7 34 38	7	17	24	22 8	11	4
8 35 37	8	18	25	22 47	11	5
9 36 36	9	19	26	23 28	12	6
10 37 34	10	20	27	24 8	13	7
11 38 33	11	21	27	24 48	13	8
12 39 33	12	22	28	25 28	14	9
13 40 32	13	23	29	26 8	15	10
14 41 31	14	24	♋	26 48	15	11
15 42 31	15	25	0	27 29	16	11
16 43 31	16	26	1	28 10	17	12
17 44 31	17	27	2	28 51	18	13
18 45 31	18	28	3	29 32	19	14
19 46 32	19	29	4	0 13	20	15
20 47 32	20	♌	5	0 54	20	16
21 48 33	21	0	5	1 36	21	17
22 49 34	22	1	6	2 17	22	18
23 50 35	23	2	7	2 59	23	19
24 51 36	24	3	8	3 41	24	20
25 52 38	25	4	8	4 23	25	21
26 53 40	26	5	9	5 5	25	21
27 54 42	27	6	10	5 47	26	22
28 55 44	28	7	11	6 30	27	23
29 56 46	29	8	12	7 12	28	24
30 57 48	30	9	12	7 54	28	25



## TABLE OF HOUSES FOR LIVERPOOL.

LATITUDE 53° 25' NORTH.

Right Asc. of Meridian.	10th House.	11th House.	12th House.	Ascendant.	2d House.	3d House.
DEG. MIN.	<i>Gemini</i>	<i>Cancer</i>	<i>Leo.</i>	<i>Virgo.</i>	<i>Virgo.</i>	<i>Libra.</i>
57 48	0	9	12	7 54	28	25
58 51	1	10	13	8 37	29	26
59 53	2	11	14	9 20	30	27
60 56	3	12	15	10 3	1	28
61 59	4	13	16	10 47	1	29
63 3	5	14	16	11 30	2	30
64 6	6	15	17	12 13	3	1
65 9	7	15	18	12 56	4	2
66 13	8	16	19	13 40	5	3
67 17	9	17	20	14 24	6	4
68 21	10	18	20	15 8	6	5
69 25	11	19	21	15 52	7	6
70 29	12	20	22	16 36	8	7
71 34	13	21	23	17 19	9	8
72 38	14	22	24	18 4	10	9
73 43	15	23	25	18 49	11	10
74 47	16	24	25	19 33	12	11
75 52	17	25	26	20 17	12	12
76 57	18	26	27	21 1	13	13
78 2	19	27	28	21 46	14	14
79 7	20	27	28	22 31	15	15
80 12	21	28	29	23 16	16	16
81 17	22	29	30	24 0	17	17
82 22	23	30	1	24 45	17	18
83 28	24	1	2	25 30	18	19
84 33	25	2	3	26 15	19	20
85 38	26	3	3	27 0	20	21
86 44	27	4	4	27 45	20	22
87 49	28	5	5	28 30	21	23
88 55	29	6	6	29 15	22	24
90 0	30	7	7	30 0	23	25



## TABLE OF HOUSES FOR LIVERPOOL.

LATITUDE 53° 25' NORTH.

Right Asc. of Meridian.	10th House.	11th House.	12th House.	Ascendant.	2d House.	3d House.
DEG. MIN.	<i>Cancer</i>	<i>Leo.</i>	<i>Virgo.</i>	<i>Libra.</i>	<i>Libra.</i>	<i>Scorpio</i>
90 0	0	0	0	0 0	23	23
91 5	1	8	8	0 45	24	24
92 11	2	9	9	1 30	25	25
93 16	3	10	9	2 15	26	26
94 22	4	11	10	3 0	27	27
95 27	5	11	11	3 45	27	28
96 32	6	12	12	4 30	28	29
97 38	7	13	13	5 15	29	29
98 43	8	14	13	6 0	m	↑
99 48	9	15	14	6 44	1	1
100 53	10	16	15	7 29	2	2
101 58	11	17	16	8 14	2	3
103 3	12	18	17	8 59	3	4
104 8	13	19	18	9 43	4	5
105 13	14	20	18	10 27	5	6
106 17	15	21	19	11 11	5	7
107 22	16	22	20	11 56	6	8
108 26	17	23	21	12 40	7	9
109 31	18	24	22	13 24	8	10
110 35	19	25	23	14 8	9	11
111 39	20	25	23	14 52	10	12
112 43	21	26	24	15 36	10	13
113 47	22	27	25	16 20	11	14
114 51	23	28	26	17 4	12	14
115 54	24	29	27	17 47	13	15
116 57	25	m	28	18 30	14	16
118 1	26	1	29	19 13	15	18
119 4	27	2	29	19 57	15	18
120 7	28	3	u	20 40	16	19
121 9	29	4	1	21 23	17	20
122 12	30	5	2	22 6	18	21



## TABLE OF HOUSES FOR LIVERPOOL.

LATITUDE 53° 25' NORTH.

Right Asc. of Meridian.	10th House.	11th House.	12th House.	Ascendant.	2d House.	3d House.
DEG. MIN.	<i>Leo.</i>	<i>Virgo.</i>	<i>Libra.</i>	<i>Libra.</i>	<i>Scorpio</i>	<i>Sagitt.</i>
122 12	0	5	2	22 6	18	21
123 14	1	6	2	22 48	19	22
124 16	2	7	3	23 30	19	23
125 18	3	8	4	24 13	20	24
126 20	4	9	5	24 55	21	25
127 22	5	10	6	25 37	22	26
128 24	6	10	6	26 19	22	27
129 25	7	11	7	27 1	23	28
130 26	8	12	8	27 43	24	28
131 27	9	13	9	28 24	25	29
132 28	10	14	9	29 6	26	30
133 28	11	15	10	29 47	26	1
134 29	12	16	11	0m 28	27	2
135 29	13	17	12	1 9	28	3
136 29	14	18	13	1 50	29	4
137 29	15	18	13	2 31	29	5
138 29	16	19	14	3 12	↑	6
139 28	17	20	15	3 52	1	7
140 28	18	21	16	4 32	2	8
141 27	19	22	17	5 12	3	9
142 26	20	23	17	5 52	3	10
143 25	21	24	18	6 32	4	11
144 23	22	25	19	7 13	5	12
145 22	23	26	20	7 53	6	13
146 20	24	27	21	8 23	7	14
147 18	25	28	21	9 12	8	15
148 16	26	28	22	9 51	8	16
149 14	27	29	23	10 30	9	17
150 11	28	↓	24	11 9	10	18
151 9	29	1	24	11 48	10	19
152 6	30	2	25	12 28	11	20



## TABLE OF HOUSES FOR LIVERPOOL.

LATITUDE 53° 25' NORTH.

Right Asc. of Meridian.	10th House.	11th House.	12th House.	Ascendant.	2d House.	3d House.
DEG. MIN.	<i>Virgo.</i>	<i>Libra.</i>	<i>Libra.</i>	<i>Scorpio.</i>	<i>Sagitt.</i>	<i>Capric.</i>
152 6	0	0	25	12 28	11	20
153 4	1	3	26	13 6	12	21
154 1	2	3	26	13 45	13	21
154 58	3	4	27	14 25	14	22
155 54	4	5	28	15 4	14	23
156 51	5	7	29	15 42	15	24
157 48	6	7	29	16 21	16	25
158 44	7	8	30	17 0	17	26
159 40	8	9	1	17 39	18	27
160 37	9	10	2	18 17	19	28
161 33	10	10	2	18 55	19	29
162 29	11	11	3	19 34	20	30
163 25	12	12	4	20 13	21	1
164 20	13	13	4	20 51	22	2
165 16	14	14	5	21 30	23	4
166 12	15	15	6	22 8	24	5
167 7	16	16	6	22 46	24	6
168 3	17	17	7	23 24	25	7
168 58	18	17	8	24 2	26	8
169 54	19	18	9	24 40	27	9
170 49	20	19	9	25 19	28	10
171 44	21	20	10	25 59	29	11
172 39	22	20	11	26 38	29	12
173 35	23	21	11	27 15	30	13
174 30	24	22	12	27 53	0	14
175 25	25	23	13	28 32	1	15
176 20	26	24	13	29 11	2	16
177 15	27	25	14	29 53	3	17
178 10	28	25	15	0 35	4	18
179 5	29	26	15	1 11	5	20
180 0	30	27	16	1 47	6	21



## TABLE OF HOUSES FOR LIVERPOOL.

LATITUDE 53° 25' NORTH.

Right Asc. of Meridian.		10th House.	11th House.	12th House.	Ascendant.		2d House.	3d House.
DEG.	MIN.	<i>Libra.</i>	<i>Libra.</i>	<i>Scorpio</i>	<i>Sagittary.</i>		<i>Capric.</i>	<i>Aquar.</i>
180	0	0	27	16	1	47	6	21
180	55	1	28	17	2	33	7	22
181	50	2	29	18	3	11	8	23
182	45	3	η	18	3	49	9	24
183	40	4	0	19	4	28	10	25
184	35	5	1	20	5	7	10	26
185	30	6	2	20	5	47	11	28
186	25	7	3	21	6	27	12	29
187	21	8	3	22	7	6	12	⋈
188	16	9	4	22	7	46	14	1
189	11	10	5	23	8	26	15	2
190	6	11	6	24	9	7	16	3
191	2	12	7	25	9	48	17	5
191	57	13	7	25	10	29	18	6
192	53	14	8	26	11	11	19	7
193	48	15	9	27	11	53	20	8
194	44	16	10	27	12	35	21	10
195	40	17	11	28	13	17	22	10
196	35	18	11	29	14	0	23	12
197	31	19	12	29	14	43	24	13
198	27	20	13	↑	15	27	25	14
199	23	21	14	1	16	11	26	15
200	20	22	15	2	16	54	27	17
201	16	23	15	2	17	38	29	18
202	12	24	16	3	18	25	⋈	19
203	9	25	17	4	19	10	1	20
204	6	26	18	5	19	57	2	22
205	2	27	19	6	20	43	3	23
205	59	28	20	6	21	29	4	24
206	57	29	21	7	22	16	6	26
207	54	30	21	8	23	4	7	27



## TABLE OF HOUSES FOR LIVERPOOL.

LATITUDE 53° 25' NORTH.

Right Asc. of Meridian.		10th House.	11th House.	12th House.	Ascendant.		2d House.	3d House.
DEG.	MIN.	<i>Scorpio</i>	<i>Scorpio</i>	<i>Sagitt.</i>	<i>Sagittary.</i>		<i>Aquar.</i>	<i>Pisces.</i>
207	54	0	21	8	23	4	7	27
208	51	1	22	9	23	53	9	29
209	49	2	23	9	24	42	10	♈
210	46	3	24	10	25	31	11	1
211	44	4	25	11	26	21	13	3
212	42	5	26	12	27	13	14	4
213	40	6	26	13	28	5	16	6
214	38	7	27	13	28	58	17	7
215	37	8	28	14	29	51	19	8
216	36	9	29	15	0♊45		20	9
217	34	10	♋	16	1	40	21	11
218	33	11	1	16	2	36	23	12
219	33	12	1	17	3	32	24	13
220	32	13	2	18	4	30	26	15
221	31	14	3	19	5	28	28	16
222	31	15	4	20	6	28	29	18
223	31	16	5	21	7	28	♋	19
224	31	17	6	22	8	30	2	20
225	31	18	7	23	9	33	4	21
226	32	19	7	23	10	38	6	23
227	32	20	8	24	11	44	8	24
228	33	21	9	25	12	52	9	25
229	34	22	10	26	14	0	11	27
230	35	23	11	27	15	10	13	28
231	36	24	12	28	16	21	15	29
232	38	25	13	29	17	37	17	♌
233	40	26	14	♍	18	53	19	2
234	41	27	15	1	20	10	20	3
235	43	28	15	2	21	28	22	4
236	46	29	16	3	22	50	24	6
237	48	30	17	4	24	13	26	7



## TABLE OF HOUSES FOR LIVERPOOL.

LATITUDE 53° 25' NORTH.

Right Asc. of Meridian.	10th House.	11th House.	12th House.	Ascendant.	2d House.	3d House.
DEG. MIN.	<i>Sagitt.</i>	<i>Sagitt.</i>	<i>Capric.</i>	<i>Capricorn.</i>	<i>Pisces.</i>	<i>Taurus</i>
237 48	0	17	4	24 13	26	7
238 51	1	18	5	25 39	28	8
239 53	2	19	6	27 9	29	10
240 56	3	20	7	28 40	♈	11
241 59	4	21	7	0 <sup>m</sup> 11	2	12
243 3	5	22	9	1 48	4	13
244 6	6	23	9	3 28	6	14
245 9	7	24	11	5 9	9	16
246 13	8	25	12	6 55	11	17
247 17	9	26	13	8 44	13	18
248 21	10	27	14	10 36	15	20
249 25	11	28	15	12 31	17	21
250 29	12	29	16	14 30	19	22
251 34	13	♊	17	16 31	21	24
252 38	14	1	19	18 39	23	25
253 43	15	2	20	20 49	25	26
254 47	16	3	21	23 2	27	27
255 52	17	4	22	25 20	28	28
256 57	18	5	23	27 41	♈	29
258 2	19	6	25	0 <sup>m</sup> 7	2	♈
259 7	20	7	26	2 36	3	2
260 12	21	8	27	5 9	5	3
261 17	22	9	29	7 44	7	4
262 22	23	10	♊	10 22	8	5
263 28	24	11	1	13 4	10	6
264 33	25	12	3	15 51	12	7
265 38	26	13	4	18 37	14	8
266 44	27	14	5	21 25	15	9
267 49	28	15	7	24 14	17	10
268 55	29	16	8	27 7	19	11
270 0	30	17	10	30 0	20	13



## TABLE OF HOUSES FOR LIVERPOOL.

LATITUDE 53° 25' NORTH.

Right Asc. of Meridian.	10th House.	11th House.	12th House.	Ascendant.	2d House.	3d House.
DEG. MIN.	<i>Capric.</i>	<i>Capric.</i>	<i>Aquar.</i>	<i>Aries.</i>	<i>Taurus</i>	<i>Gemini</i>
270 0	0	17	10	0 0	20	13
271 5	1	18	11	2 53	21	14
272 11	2	19	13	5 46	23	15
273 16	3	20	15	8 35	25	16
274 22	4	21	16	11 23	26	17
275 27	5	23	18	14 9	27	18
276 32	6	24	20	16 56	29	19
277 38	7	25	21	19 38	II	20
278 43	8	26	23	22 16	1	21
279 48	9	27	24	24 51	2	22
280 53	10	28	26	27 24	4	23
281 58	11	~	28	29 53	5	24
283 3	12	1	29	2 8 19	7	25
284 8	13	2	X	4 40	8	26
285 13	14	3	2	6 58	9	27
286 17	15	4	4	9 11	10	28
287 22	16	5	6	11 21	11	29
288 26	17	7	8	13 29	12	30
289 31	18	8	10	15 30	14	1
290 35	19	9	12	17 29	15	2
291 39	20	10	14	19 24	16	3
292 43	21	12	16	21 16	16	4
293 47	22	13	18	23 5	18	5
294 51	23	14	20	24 51	19	6
295 54	24	15	22	26 32	20	7
296 57	25	17	24	28 12	21	8
298 1	26	18	26	29 49	22	9
299 4	27	19	28	1 II 20	23	10
300 7	28	20	γ	2 51	25	11
301 9	29	21	1	4 21	26	12
302 12	30	23	3	5 47	26	13



## TABLE OF HOUSES FOR LIVERPOOL.

LATITUDE 53° 25' NORTH.

Right Asc. of Meridian.		10th House.	11th House.	12th House.	Ascendant.		2d House.	3d House.
DEG.	MIN.	<i>Aquar.</i>	<i>Aquar.</i>	<i>Aries.</i>	<i>Gemini.</i>		<i>Gemini.</i>	<i>Cancer</i>
302	12	0	23	3	5	47	26	13
303	14	1	24	5	7	10	28	14
304	16	2	25	7	8	32	28	14
305	18	3	27	9	9	50	29	15
306	20	4	28	11	11	7	30	16
307	22	5	29	13	12	23	1	17
308	24	6	30	15	13	39	2	18
309	25	7	2	17	14	50	3	19
310	26	8	3	18	16	0	4	20
311	27	9	4	20	17	8	5	21
312	28	10	6	22	18	16	6	22
313	28	11	7	24	19	22	7	22
314	29	12	9	26	20	27	7	23
315	29	13	10	27	21	30	8	24
316	29	14	11	29	22	32	9	25
317	29	15	12	30	23	32	10	26
318	29	16	14	2	24	32	11	27
319	28	17	15	4	25	30	12	27
320	27	18	17	6	26	28	12	28
321	27	19	18	7	27	24	13	29
322	26	20	19	9	28	20	14	30
323	25	21	21	10	29	15	15	1
324	23	22	22	11	30	9	16	2
325	22	23	23	13	1	2	16	3
326	20	24	25	15	1	55	17	4
327	18	25	26	16	2	47	18	4
328	16	26	28	17	3	39	19	5
329	14	27	29	19	4	29	20	6
330	11	28	30	21	5	18	21	7
331	9	29	1	21	6	7	21	8
332	6	30	3	23	6	56	22	9



## TABLE OF HOUSES FOR LIVERPOOL.

LATITUDE 53° 25' NORTH.

Right Asc. of Meridian.		10th House.	11th House.	12th House.	Ascendant.		2d House.	3d House.
DEG. MIN.		<i>Pisces.</i>	<i>Aries.</i>	<i>Taurus.</i>	<i>Cancer.</i>		<i>Cancer.</i>	<i>Leo.</i>
332	6	0	3	23	6	56	22	9
333	4	1	4	24	7	44	23	10
334	1	2	5	25	8	31	23	10
334	58	3	7	26	9	17	24	11
335	55	4	8	27	10	3	25	12
336	51	5	9	29	10	50	26	13
337	48	6	10	II	11	35	26	13
338	44	7	12	1	12	22	27	14
339	40	8	13	2	13	6	28	15
340	37	9	14	3	13	49	29	16
341	38	10	16	4	14	33	29	17
342	29	11	17	5	15	17	♋	18
343	25	12	18	7	16	0	1	18
344	20	13	20	8	16	43	2	19
345	16	14	21	9	17	25	3	20
346	12	15	22	10	18	7	4	21
347	7	16	23	11	18	49	4	22
348	3	17	24	12	19	31	5	23
348	58	18	26	13	20	12	6	24
349	54	19	27	14	20	53	6	24
350	49	20	28	15	21	34	7	25
351	44	21	29	16	22	14	8	26
352	39	22	8	17	22	52	8	27
353	35	23	1	18	23	33	9	27
354	30	24	2	19	24	13	10	28
355	25	25	4	20	24	53	11	29
356	20	26	5	21	25	32	11	♊
357	15	27	6	22	26	11	12	1
358	10	28	7	23	26	49	13	2
359	5	29	8	24	27	27	13	2
360	0	30	10	24	28	13	14	3



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