

ASTROLOGY

FOR

ALL

SERIES

CASTING THE HOROSCOPE

BY

ALAN LEO

“By what astrology of fear or hope
Dare I to cast thy horoscope”

LONGFELLOW.

PUBLISHED AT
7, IMPERIAL ARCADE, LUDGATE CIRCUS, E.C.,
AND
9, LYNCHROFT GARDENS, WEST HAMPSTEAD, LONDON, N.W.
1901
(All rights reserved)

INTRODUCTION

SOONER or later every student of Astrology becomes conscious of the fact that he is studying a SCIENCE based upon a mathematical foundation. It is therefore useless to hope to obtain any definite knowledge of the principles of Astrology without recognising its scientific and mathematical basis. Having for its starting point, as a study, pure mathematics, there is for the student a sufficient guarantee of the accuracy that may be gained by patience, carefulness and precision.

Upon this knowledge all future metaphysical deductions are made, then, when occult truth is sought, the mystery of life is no longer an unsolvable problem, and we see in the movements of the planets God's handwriting upon the walls of heaven. The astronomical foundation upon which the science of Astrology is built, deals with the positions and movements of the planetary bodies, the physical, or most material representation, of the Seven Spirits before the Throne, the interpreters of the Word of God.

The mathematical part should be studied by all who are anxious to understand the divine science of Astrology, for without that study Astrology may become a means of divination only, which is not *pure* Astrology. In this work dealing with "Casting the Horoscope" great care has been taken to reduce the mathematical requirements by a plentiful supply of useful tables, so that none may be deterred from its study.

In the previous issue of the "Astrology for All." series of lessons, we purposely arranged the contents of each chapter for those who, in the main, were unacquainted with the technical part of the science of Astrology, also for those who were unable to ascertain the exact time of birth. In the present issue of the series we shall fully explain the casting of the horoscope, and endeavour to make it comparatively easy to obtain a correct map of the heavens for any time that it may be required to erect a horoscope, and to obtain this result we shall reduce all mathematical calculations to the minimum, and avoid all unnecessary figures. When the contents of this book are mastered, then the student can, if necessary, study the more intricate mathematical problems explained in the various text-books already published. Accuracy is the chief requisite in all work connected with casting the horoscope, and if care is exercised, and a little interest given, the student will be amply repaid for the small amount of labour expended by the fascination which is always attached to the casting of the horoscope.

CHAPTER I.

THE ZODIAC

THERE is a broad belt in the heavens containing twelve constellations through which the Sun appears to pass during the year as he journeys round the ecliptic. The Moon and major planets also move in the circle, which is called the *ZODIAC*. This belt extends $8\frac{1}{2}$ degrees each side of the ecliptic, making 17 degrees in all. This Zodiac of 360 degrees is divided into 12 equal parts, each part being named after the constellations, but now having no relation to them excepting in name. The names of these are :

Name	Symbol	Space in the Circle			
Aries	♈	0 degrees to	30 degrees	1st sign	
Taurus	♉	30 "	60 "	2nd "	
Gemini	♊	60 "	90 "	3rd "	
Cancer	♋	90 "	120 "	4th "	
Leo	♌	120 "	150 "	5th "	
Virgo	♍	150 "	180 "	6th "	

This forms the first or northern half of the circle, the ascending arc ; the following six are the southern :

Name	Symbol	Space in the Circle			
Libra	♎	180 degrees to	210 degrees	7th sign	
Scorpio	♏	210 "	240 "	8th "	
Sagittarius	♐	240 "	270 "	9th "	
Capricorn	♑	270 "	300 "	10th "	
Aquarius	♒	300 "	330 "	11th "	
Pisces	♓	330 "	360 "	12th "	

It will be necessary to consider the value of the Zodiac. Each year, which begins astronomically about March 21st, the Sun enters the sign Aries, or to be quite accurate, appears to enter, because it is the earth that revolves round the Sun. In this sign Aries the Sun remains one month, and about the same date each month enters a fresh sign, and on this is based all the calculations connected with casting the horoscope, and from it we obtain what is known as Sidereal Time.

About March 21st each year the Sun stands at $0^{\circ} 0' 0''$ of Aries, and the Sidereal Time or Star Time is then oh. om. os. When the

Sun moves through 1 degree of space time has moved nearly 4 minutes, so when the Sun is in Aries 1 degree, the sidereal time will be oh. 3m. 40s., time increasing about 4' for each degree of space.

Astronomy teaches that the Sun is the centre of our solar system, the earth being one of the family group that circles round the solar orb; and within its sphere of influence all the planets, asteroids, etc., move. It will be clear to the minds of all that we must begin our study from the earth, this being the particular part in the circle which we occupy. It would appear from our point of observation as if the whole heavens turned round the earth every day, but this is not so; it is the earth which, turning on its own axis, makes this apparent only. If we look into the south all the stars and constellations appear to rise in the east on the left hand and pass over to the west. All the stars move completely round the heavens once and a little more, during the course of a day or 24 hours. At the close of the year of 365 days they are in nearly the same position as they were a year previously, but if watched carefully it will be found that there is about 4 minutes' difference in the time each day at which they arrive at exactly the same position. For instance, suppose we observe the heavens at 10 p.m. on any night, then if we would see the stars in the same position on the following night we would have to make our observations about 4 minutes to 10 p.m. and so on, about 4 minutes earlier each night, till at the end of the year from the date of our first observation we should find the stars in the same position. It is important to remember this 4 minutes of time, as we shall see later that 4 minutes in time equal 1 degree in space. It will be seen that there are 360 degrees in the circle as there are 24 hours each day. Now the earth revolves once on its axis in 24 hours, passing through the 360 degrees of space, and also once round the Sun in a year of 365 days of nearly 24 hours each. It is essential that we thoroughly understand this circle of 360 degrees, under the title of the Zodiac. We must also be thoroughly at home with the symbols for degree, minute and second, as follow: degree = °, minute = ', second = "—these abbreviations saving much time and labour, it being always better to use the symbols instead of names. For instance, S.T. means Sidereal Time; R.A.M.C. are letters symbolising Right Ascension of the Mid-heaven, etc.

Before attempting to cast the horoscope we must know as much about the signs of the Zodiac as we can assimilate, so that we be not confused when we come to make our judgment. It will awaken our interest if we now partly explain their nature.

We must learn that there are twelve signs, each having a special quality and character of its own ; these twelve signs are divided into four main groups called the four elements of Ether, or Fire, Air, Earth, and Water, representing symbolically our spiritual, mental, psychic or emotional, and physical conditions ; these groups are called the triplicities. Then there are three great divisions of Cardinal, Fixed, and Common or Mutable signs, making seven primary divisions of the twelve signs. The symbols of each of these divisions must be committed to memory so that the quality of each sign may be known thoroughly. We shall now proceed to enquire into the nature of each sign separately, using the symbols instead of the names, therefore the symbols must be known if we would understand what follows.

The twelve signs always remain in the following order, commencing with Aries, which is the first sign of the zodiac :

Number :	1	2	3	4	5	6	7	8	9	10	11	12
Sign :	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓

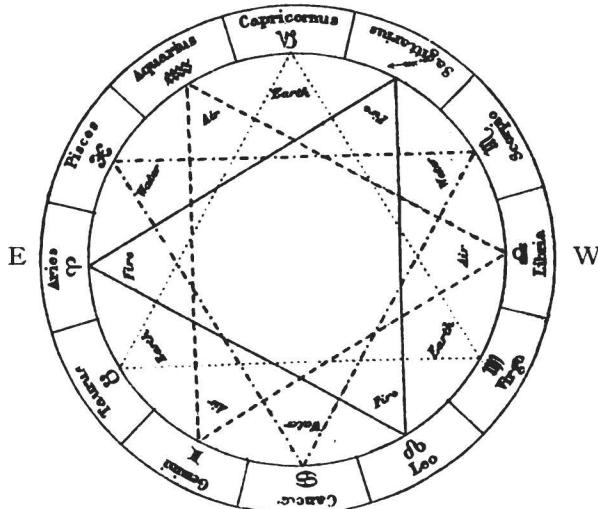
The triplicities :

<i>Fire</i>	<i>Earth</i>	<i>Air</i>	<i>Water</i>
♈	♉	♊	♋
♌	♍	♎	♏
♐	♑	♒	♓

The qualities :

<i>Cardinal</i>	<i>Fixed</i>	<i>Mutable</i>
♈	♉	♊
♉	♌	♍
♊	♏	♐
♋	♑	♒

We may now draw a circle and place the twelve signs in their respective order, tracing a triangle to each sign of its own triplicity, making Aries the starting point, on the east or left hand side. This will make us familiar with all that has previously been said.



The divisions of each sign into what are called decanates, are a very important consideration the value of which we shall appreciate when giving a judgment upon a nativity. Each sign contains 30 degrees, which are divided into three parts of 10° each, termed first, second, and third decanate respectively. The first decanate of each sign is of the nature of the sign itself; the second decanate is of the nature of the next sign in the triplicity, to which it belongs in the order of the Zodiac; the third is of the nature of the third sign from itself in the order of the triplicity to which it belongs, as for example:

The fiery triplicity is composed of $\gamma \ \& \ \ddagger$, then we shall obtain the decanates belonging to this triplicity as follows: First decanate, $\gamma 0^{\circ}$ to 10° , of the nature of Aries. Second decanate of γ , of the nature of $\&$, composed of $\gamma 10^{\circ}$ to 20° . The third decanate of γ of the nature of \ddagger , or $\gamma 20^{\circ}$ to 30° . These decanates are practically sub-influences to the signs and may be arranged as follows:

THE THIRTY-SIX DECANATES

Fiery triplicity Earthy triplicity Airy triplicity Watery triplicity

Decanate—Sub-influence	Decan. Sub.	Decan. Sub.	Decan. Sub.
1st 0° to 10° γ	γ	Π	ϖ
2nd 10° to 20° $\gamma - \gamma = \&$	$\gamma - \gamma = \&$	$\Pi - \Pi = \triangle$	$\varpi - \varpi = \eta$
3rd 20° to 30° $\gamma - \gamma = \ddagger$	$\gamma - \gamma = \ddagger$	$\Pi - \Pi = \text{iii}$	$\varpi - \varpi = \times$

1st 0° to 10° U m ~ m
 2nd 10° to 20° $\text{U}-\text{U} = \text{f}$ $\text{m}-\text{m} = \text{b}$ $\text{~}-\text{~} = \text{w}$ $\text{m}-\text{m} = \text{x}$
 3rd 20° to 30° $\text{U}-\text{U} = \text{y}$ $\text{m}-\text{m} = \text{g}$ $\text{~}-\text{~} = \text{n}$ $\text{m}-\text{m} = \text{o}$

1st 0° to 10° f b w x
 2nd 10° to 20° $\text{f}-\text{f} = \text{y}$ $\text{b}-\text{b} = \text{m}$ $\text{w}-\text{w} = \text{n}$ $\text{x}-\text{x} = \text{o}$
 3rd 20° to 30° $\text{f}-\text{f} = \text{U}$ $\text{b}-\text{b} = \text{g}$ $\text{w}-\text{w} = \text{~}$ $\text{x}-\text{x} = \text{m}$

There is also an important division of a sign into ten parts, with which the student should become familiar, this is called a Dashamshas, the value of which will be seen in the following :—

TABLE OF DASHAMSHAS

OR TENTH PARTS OF SIGNS

	1st. 1 2 3	2nd. 4 5 6	3rd. 7 8 9	4th. 10 11 12	5th. 13 14 15	6th. 16 17 18	7th. 19 20 21	8th. 22 23 24	9th. 25 26 27	10th. 28 29 30
Y	Y	g	u	w	U	m	~	m	f	b
g	w	x	y	s	u	w	U	m	~	m
u	u	w	U	m	~	m	f	b	w	x
w	Y	g	u	w	U	m	~	m	f	b
U	U	m	~	f	b	w	w	x	Y	s
m	u	w	U	m	~	m	f	b	w	x
~	~	m	f	b	w	x	Y	s	u	w
m	U	m	~	f	b	w	w	x	Y	s
f	f	b	w	x	Y	s	u	w	U	m
b	b	w	w	x	Y	s	u	m	u	w
w	w	x	Y	s	u	w	x	m	u	w
x	f	b	w	x	Y	s	u	w	U	m

CHAPTER II.

SYSTEM OF ASTRONOMY

IT is now necessary to consider a few astronomical details.

Astronomers have considered the starry heavens as a sphere or concave, with our earth in the centre; this is the appearance they make to our senses. They have divided the terrestrial and celestial spheres by great and less circles. Great circles are those which pass through the centre of the sphere, and divide either the celestial or terrestrial spheres into two equal parts; less circles are those which divide the sphere into two unequal parts.

The axis of the earth is an imaginary straight line passing through its centre; its points at the earth's surface are the north and south poles.

If, at the time of the equinoxes, a ray directly pointed from the centre of the sun towards that of the earth, be supposed, like a pencil, to describe a circle on the surface of our globe, as it turns round on its axis, this circle will divide the earth into the northern and southern hemispheres, and will be the equinoctial line.

If circles be supposed to be described in like manner, at the time of the solstices, or at midsummer and midwinter, these will be the tropics, at about twenty-three degrees and a half north and south from the equinoctial line.

When the sun is thus directly over a tropic, as it illuminates one half of the globe at once, its rays extend twenty-three degrees and a half beyond one of the poles, and fall so far short of reaching the other. These extreme boundaries of light and darkness, on the north and on the south, as they are swept round the poles in one revolution of the earth on its axis, mark out the polar circles on the surface of the globe. The polar circles are the Arctic on the north, and the Antarctic on the south. The tropics are that of Capricorn on the south and that of Cancer on the north; they were all so named from constellations that were over them in the heavens.

These circles divide the surface of the earth into five zones. The

tracts at the two poles are the Frozen zones; those between the polar circles and the tropics, the Temperate; and that which extends from tropic to tropic, is the Torrid or burning zone.

The starry heavens that surround us appear to form one vast concave. If these circles be supposed to be produced to the starry heavens, or swept round the concave, they will mark out the celestial polar circles, tropics and equinoctial.

When the Sun is over any of these circles on the earth, it will appear to us in the corresponding circle in the heavens.

As our earth in the course of a year moves round the sun in an orbit or ecliptic, the plane of which is oblique to that of the equinoctial, the Sun in that time seems to us to move in a contrary direction, in an orbit or ecliptic round the heavens, of the same obliquity from tropic to tropic, intersecting the equinoctial in two opposite points, and forming an angle with it equal to twenty-three degrees twenty-eight minutes, the Sun's greatest declination.

All the planets move nearly in the direction of the ecliptic, and that space on each side of it, which bounds their utmost deviations, is called the zodiac. The zodiac is a broad circle or belt in the starry heavens; it is about seventeen degrees in breadth. The ecliptic is a line which equally divides it in two all round.

The zodiac, as described in the previous chapter, is divided into twelve equal parts; each sign contains thirty degrees, and the signs are named and noted in the following manner:—Aries, Taurus, Gemini, Cancer, Leo, Virgo, Libra, Scorpio, Sagittarius, Capricornus, Aquarius, Pisces. The first six are called northern, and the latter southern signs; because the former possess that half of the ecliptic which lies to the northward of the equinoctial, and the latter which lies to the southward. The northern are our summer signs, the southern our winter ones.

The planets within the earth's orbit are called the inferior, those without it the superior planets. When at their greatest distance from the Sun, they are said to be in their Aphelion; when nearest to the Sun, in their Perihelion; these two points are called the Apsides, and a line joining the points is called the Line of the Apsides. Planets, when farthest from the earth, are said to be in Apogee, when nearest to it, in their Perigee.

The apparent places of the planets are considerably altered by

the earth's change of place, as well as by their own motions ; the geocentric place of a planet is that in which it would appear to a spectator placed on the earth. From the motion of the earth the superior planets sometimes appear to move in antecedence, or contrary to the order of the signs of the zodiac, the inferior planets would have that appearance if our earth were at rest in its orbit. To an observer at the Sun the planets would all appear to move in the order of the signs, or in consequence ; a planet so moving is said to be direct, when it seems to move the contrary way it is said to be retrograde.

If we suppose a line extended from the pole on our earth, cutting the equator at right angles, this will be a meridian ; for all people who live on this line would have noon, or any other part of the day, at one and the same time.

In the heavens also meridians cut the equinoctial at right angles, and terminate in points opposite to the poles of the world.

In our northern latitudes the heavenly bodies are said to south, or culminate, when they come to the meridian.

The NODES of a planet are the two points where the ecliptic cuts the equator ; they are so called because the days and nights are of equal length when the Sun is in either of these situations.

The solstices are the two points where the ecliptic touches the tropics ; when the Sun is in these situations, which is at midsummer and midwinter, its declinations seem for a while to be stationary or fixed.

These points are the cardinal points of the ecliptic, and the first points of the signs Aries, Cancer, Libra and Capricorn.

The EQUINOXES, or equinoctial points, are those of Aries and Libra ; the solstices or solstitial points, are those of Cancer and Capricorn. The meridians that pass through these four points, meeting at the poles, intersect each other at right angles ; these two great circles are called the equinoctial and solstitial colures.

The latitude of a place on our earth is its distance north or south from the equinoctial line ; the longitude, its difference east or west from the meridian. Circles are divided whether great or small, into 360 parts called degrees ; the greatest longitude of a place, therefore, can only be 180, the utmost latitude ninety degrees.

The meridian for measuring longitude on our earth in England,

is that of London, or rather of Greenwich observatory ; in France, that of Paris is the first meridian.

The **RIGHT ASCENSION** of any heavenly object is its distance from that meridian which passes through the first point of Aries ; the **DECLINATION** is its distance from the equinoctial.

If great circles be imagined to cut the ecliptic at right angles, these will intersect each other in two opposite points of the heavens. These points are the poles of the ecliptic, at nearly twenty-three degrees and-a-half from the poles of the world, and the circles are called circles of longitude in the heavens.

The **LATITUDE** of any heavenly object is its distance north or south from the ecliptic ; the **LONGITUDE** its distance from that circle of longitude which passes through the first point of Aries.

The latitude of the fixed stars remains invariably the same, but their longitude increases at the slow rate of one degree in about seventy-two years ; this is not a motion of the fixed stars, but of the equinoctial points, from which we reckon the stars' longitude, and which move backwards or recede westward at that rate ; this is the precession of the equinoxes, which requires about 25,920 years for one revolution through the twelve signs ; in this time the pole of the earth, in pointing to the heavens, would describe a circuit round the pole of the ecliptic.

CHAPTER III.

LATITUDE AND LONGITUDE

THE latitude of any place on the earth's surface is, what is called its angular distance from the equator, and this is measured on the meridian of the place. The equator is a great circle on the surface of the earth at equal distance from its poles, which divides it into two hemispheres. The latitude of the equator is zero and marked 0° , or no degrees, this being the starting point for all our calculations with regard to latitude.

Latitude is either north or south of the equator. Thus Europe is north of the equator, and Australia, South Africa, and South America are south of the equator. A degree of latitude is sixty nautical miles.

Longitude, when concerned with any place on the earth, is the distance measured east or west on the surface of the earth from a given meridian. In all astrological calculations the meridian of Greenwich is taken when reckoning time or longitude, and care is always necessary in this matter to be sure that the longitude has been obtained from Greenwich as the centre. Longitude is the expressed time by degrees, minutes and seconds; the symbols for these have already been given; four minutes of time is equal to one degree, therefore every 15° of longitude will indicate one hour of time. Longitude for time is reckoned to 180° east or west of Greenwich.

To reduce longitude into time, divide the number of degrees, minutes and seconds, by 15, and the quotient will be the time. Example:—The longitude of Aix-la-Chapelle is $6^{\circ}8'$ E. Divide this by 15, and the time is $24'32''$, which being east is the time that the clock at Aix-la-Chapelle is fast of Greenwich, i.e., 24 minutes, 32 seconds. The following table will show when the clock is fast, or slow, of Greenwich at the principal cities of the world:—

Place	H. M. S.	Place	H. M. S.	Place	H. M. S.	Place	H. M. S.
Alexandria	... 1 59 34F	Cairo	... 2 5 2F	Lisbon	... — 36 45S	Philadelphia	... 5 — 38S
Algiers	... — 12 11F	Calcutta	... 5 53 20F	Liverpool	... — 12 —S	Quebec	... 4 44 49S
Amsterdam	... — 19 55F	Chicago	... 5 50 27S	Lyons	... — 19 17F	Quito	... 5 15 —S
Antwerp	... — 17 36F	Christiania	... 42 54F	Madras	... 5 20 59F	Rio Janeiro	... 2 52 41S
Baltimore	... 5 6 28S	Constantinople	1 55 56F	Madrid	... — 14 45S	Rome	... — 49 49F
Barcelona	... — 8 36F	Copenhagen	... — 50 19F	Manchester	... — 8 59S	Rotterdam	... — 17 56F
Belfast	... — 5 40S	Dresden	... — 54 56F	Manilla	... 8 4 8F	Rouen	... — 4 24F
Berlin	... — 53 55F	Dublin	... — 25 22S	Marseilles	... — 21 35F	St. Louis	... 6 — 48S
Birmingham	... — 7 36S	Edinburgh	... — 12 44S	Melbourne	... 9 39 55F	St. Petersburg	2 1 14F
Bombay	... 4 51 18F	Florence	... — 44 56F	Mexico	... 6 36 21S	San Francisco	8 9 40S
Bordeaux	... — 1 40S	Frankfort	... — 34 45F	Milan	... — 36 40F	Stockholm	1 12 14F
Boston, U.S.A.	4 44 14S	Geneva	... — 24 37F	Montreal	... 4 54 12S	Sunderland	— 5 25S
Boulogne	... — 5 24F	Glasgow	... — 17 11S	Moscow	... 2 30 17F	Sydney	10 4 51F
Bradford	... — 7 —S	Hague	... — 17 15F	Munich	... — 46 26F	Tunis	— 40 44F
Breslau	... 1 8 9F	Hamburg	... — 39 54F	Naples	... — 57 4F	Turin	— 30 40F
Brighton	... — 36S	Havanna	... 5 29 26S	Newcastle	... — 6 26S	Valparaiso	4 46 44S
Bristol	... — 10 24S	Hull	... — 1 21S	New Orleans	... 6 — 14S	Venice	— 49 25F
Brussels	... — 11 29F	Leeds	... — 6 7S	New York	... 4 55 56S	Vienna	1 5 25F
Bucharest	... 1 44 22F	Leicester	... — 4 48S	Palermo	... — 53 25F	Warsaw	1 24 7F
Buenos Ayres	3 53 29S	Leipsic	... — 49 34F	Paris	... — 9 21F	Washington	5 2 12S

The following is a table of the latitude and longitude of the principal places in Europe which will prove very useful to the astrological student:—

LATITUDE AND LONGITUDE OF PRINCIPAL PARTS OF EUROPE

NAME	LAT.	LONG.	NAME	LAT.	LONG.	NAME	LAT.	LONG.						
A														
Aalborg	57 28	9 50E	Alma R.	44 55N	33 13E	Arran I.	55 35N	5 10W						
Aalesund	62 30N	6 5E	Almeida	49 34N	6 55W	Arras	50 14N	2 40E						
Aare R.	47 22N	8 0E	Alps, The	36 50N	2 30W	Arsamas	55 30N	43 38E						
Aarhus	56 13N	10 15E	Alsace	48 30N	7 20E	Artia	39 10N	21 4E						
Abbeville	50 7N	1 53E	Alstahoug	65 52N	12 35E	Asinara	41 5N	8 18E						
Aberdeen	57 10N	2 10W	Altenburg	51 0N	12 25E	Aspro	38 50N	21 23E						
Aberystwith	52 22N	4° 0W	Altengaard	69 52N	23 15E	Astorga	42 20N	6 5W						
Abo	60 30N	22 12E	Alten R.	69 18N	23 0E	Astrakhan	46 18N	47 58E						
Abrantes	39 29N	8 9W	Altona	53 37N	9 50E	Athens	37 58N	23 47E						
Achil I.	53 57N	10 0W	Aluta R.	44 0N	24 35E	Athos, Mt.	40 18N	24 10E						
Acireale	37 40N	15 8E	Ameland	53 25N	5 45E	Atlier R.	46 20N	3 20E						
Adige R.	46 10N	11 10E	Amiens	49 52N	2 15E	Aube R.	48 35N	4 0E						
Adour R.	43 45N	0 40W	Amorgo I.	30 50N	25 50E	Aubusson	46 2N	2 8E						
Adour R.	43 0N	15 0E	Amsterdam	52 20N	4 52E	Auch	43 42N	0 33E						
Adriatic S.	43 15N	15 0E	Anafi I.	36 22N	25 50E	Augsburg	48 20N	10 58E						
Adrianople	41 47N	26 20E	Ananiev	47 50N	30 7E	Aurillac	44 57N	2 24E						
Aegades Is	38 0N	12 10E	Anapa	44 52N	37 15E	Austerlitz	49 15N	10 52E						
Agen	44 13N	0 33E	Ancona	43 35N	13 33E	Auvergne Mts.	46 0N	2 45E						
Aigincourt	50 30N	2 7E	Andoeu	69 5N	15 45E	Auxerre	47 44N	3 35E						
Agram	45 54N	16 1E	Andorre	42 29N	1 32E	Averse	63 0N	7 50E						
Aidos	42 41N	27 12E	Andujar	38 3N	3 57W	Avignon	43 56N	4 48E						
Ainada C.	41 53N	28 0E	Angermaun R.	63 20N	17 0E	Avila	40 42N	4 50W						
Ai R.	55 45N	58 0E	Angers	47 26N	0 35W	Avranches	48 38N	1 23W						
Aisne R.	49 30N	4 15E	Anglesey	53 20N	4 20W	Axar Firth	66 10N	16 30W						
Aix-la-Chapelle	50 47N	6 8E	Angouleme	45 41N	0 13E	Ayr	55 28N	4 35W						
Aix	43 31N	5 28E	Anholt	56 40N	11 40E	Alexandrov	47 48N	35 14E						
Ajaccio	41 57N	8 44E	Ansbach	49 19N	10 34E	Azov	47 3N	39 30E						
Akerman	46 11N	30 20E	Antivari	42 4N	19 7E	Azov, Sea of...	46 0N	37 0E						
Akhulgo	42 38N	46 45E	Antwerp	51 15N	4 25E	B								
Akintyryka	50 19N	34 53E	Apennine Mts.	44 0N	11 0E	Bradford	53 45N	1 45W						
Akureyri	65 30N	17 50W	Aquila	42 22N	13 30E	Bachmut	48 35N	37 53E						
Aland Is	60 20N	20 0E	Arad	46 13N	21 24E	Badajos	38 50N	6 48W						
Alatyr	54 50N	46 35E	Aragon R.	42 30N	1 24W	Baden	48 44N	7 20E						
Albacete	39 2N	1 52W	Aranda	41 3N	3 28W	Bagnères	43 5N	0 12E						
Albania	41 0N	20 0E	Aranjuez	40 2N	3 3W	Baktshi Serai	44 47N	33 40E						
Albuera	38 37N	5 38W	Arboga	59 29N	16 5E	Balaklava	44 34N	33 35E						
Alby	43 50N	2 13E	Aracachon	44 38N	1 7W	Balashov	51 38N	43 5E						
Alcoy	38 30N	0 38W	Archangel	64 18N	40 40E	Balatchna	56 29N	43 35E						
Alderney I.	49 40N	2 13W	Archipelago, The	39 0N	25 0E	Balaton, L. of	46 50N	17 45E						
Alencon	48 28N	0 10E	Ardjish R.	44 20N	26 0E	Balearic Is.	39 0N	3 0E						
Aleshki	46 40N	32 40E	Arendal	58 29N	8 40E	Balkan Mts.	42 45N	25 0E						
Alessandria	44 54N	8 30E	Arensburg	58 19N	22 28E	Balta	48 3N	29 40E						
Alexandria	48 43N	33 10E	Arezzo	43 32N	11 54E	Bamberg	49 54N	10 55E						
AlexandrovskN	55 48N	25 8E	Arga R.	42 30N	1 50W	Banff	57 39N	2 25W						
Alfaro	42 13N	1 58W	Argentan	48 46N	0 0	Banialouka	44 42N	17 12E						
Alfvesta	57 0N	14 40E	Argos	37 43N	22 39E	Bantry B.	51 30N	10 0W						
Algeciras	36 12N	5 28W	Arkhangels R.	52 28N	36 43E	Barcelona	41 22N	2 8E						
Alghero	40 30N	8 20E	Atlas	43 38N	4 40E	Barcs	46 2N	17 25E						
Alicante	38 19N	0 20W	Arnarfjord	65 50N	23 30W	Bari	41 4N	16 55E						
Alicata	37 6N	14 10E	Arnheim	52 0N	6 0E	Barletta	48 42N	5 5E						
Alicudi I.	38 32N	14 12E	Arno R.	43 40N	10 40E	Barnstaple	51 5N	4 0W						
Aller R.	52 40N	10 0E	Arnsberg	51 26N	8 5E	Barra I.	57 0N	7 25W						
Almaden	38 37N	4 43W	Arona	45 42N	8 33E									
Almanza	38 57N	1 26W	Arosas, R. de	42 27N	8 50W									

NAME.	LAT.	LONG.	NAME.	LAT.	LONG.	NAME.	LAT.	LONG.
Barrow	54 8N	3 10W	Birmingham	52 29N	1 52W	Brescia	45 32N	10 7E
Bazias	44 50N	25 20E	Birsk	55 19N	55 25E	Breslau	51 8N	17 2E
Basle	47 35N	7 35E	Biscay, B. of	45 0N	3 0W	Bressuire	46 52N	0 30W
Bastia	42 42N	9 23E	Bissersk	58 20N	59 5E	Brest	48 22N	4 30W
Bath	51 23N	2 15W	Bistritz	47 3N	24 27E	Briansk	53 12N	34 5E
Bautzen	51 12N	14 29E	Bitoglia	41 3N	21 20E	Brieg	50 52N	17 28E
Bavaria	49 0N	12 0E	Biuro Hd.	64 22N	21 20E	Brighton	50 50N	0 10W
Bayonne	43 28N	1 28W	Blanc, M.	45 50N	7 0E	Brindisi	40 37N	18 4E
Bayreuth	49 58N	11 33E	Blenheim	48 38N	10 37E	Brioude	45 19N	3 22E
Beaucaire	43 50N	4 30E	Blochnia	49 50N	20 14E	Bristol	51 28N	2 32W
Beauvais	49 26N	2 10E	Blois	47 34N	1 20E	Brives	45 9N	1 25E
Beerenberg	71 4N	7 30W	Bobrinetz	48 18N	32 7E	Brody	50 7N	25 10E
Beja	38 5N	7 46W	Bobruisk	53 5N	29 17E	Bromberg	53 9N	18 0E
Belfast	54 35N	5 55W	Bodoe	67 18N	14 40E	Bruck	47 28N	15 21E
Belfort	47 37N	6 45E	Bogoroditsk	53 42N	37 50E	Bruges	51 12N	3 21E
Belgrade	44 49N	20 36E	Bodrog R.	48 10N	23 30E	Brunn	49 17N	16 30E
Belt, Great	55 30N	11 0E	Bogoroslan	53 42N	52 25E	Brunswick	52 15N	10 37E
Belle I.	47 18N	3 10W	Boguslav	49 40N	30 52E	Brussels	50 49N	4 25E
Benavente	42 2N	5 38W	Bogutchar	49 59N	40 30E	Brzese Litewski	52 4N	23 43E
Bender	46 55N	29 25E	Bohemia	50 0N	14 0E	Bobrov	51 4N	40 2E
Benevento	40 8N	14 46E	Böhmer, Wald	49 20N	13 0E	Buda	47 30N	19 0E
Ben Macdhui	57 5N	3 40W	Bois le Duc	51 35N	5 25E	Budir	64 49N	23 5W
Ben Nevis	56 40N	5 0W	Bolgrad	45 57N	28 40E	Budweis	48 58N	14 30E
Berdiansk	46 52N	36 47E	Bolkhov	53 29N	36 0E	Bugulma	54 30N	52 50E
Berditchev	49 58N	28 35E	Bolnäs	61 22N	16 32E	Buk R.	48 0N	31 0E
Beresina R.	53 40N	28 55E	Bologna	44 30N	11 23E	Bui	58 32N	41 35E
Beresnik	64 40N	45 50E	Boltchai	46 20N	43 0E	Bukharest	44 29N	26 10E
Berezov Is.	60 27N	28 30E	Bomarsund	60 18N	20 5E	Bukke Fd.	59 10N	6 0E
Bergamo	45 45N	9 40E	Bommel	59 38N	5 10E	Bulgaria	43 0N	25 0E
Bergen	60 22N	5 30E	Bomstad	69 2N	19 50E	Burgas	42 38N	27 26E
Berlevang	70 45N	29 5E	Bonifacio	41 23N	9 10E	Burgos	42 22N	3 40W
Berlin	52 30N	13 25E	Bordeaux	44 53N	0 39W	Busa C.	35 36N	23 38E
Bernburg	51 50N	11 43E	Borgo	60 29N	25 40E	Buseo	45 10N	26 47E
Berne	46 56N	7 25E	Borisoglebsk	51 30N	42 5E	Buzuluk	52 49N	52 5E
Berutch Penin	46 20N	35 15E	Borisov	54 17N	28 30E	Buzuluk R.	50 48N	43 0E
Berwick	55 50N	2 0W	Bornholm	55 0N	15 0E	C		
Besançon	47 13N	6 0E	Borodino	55 35N	35 45E	Cabrera I.	39 7N	2 57E
Beshetsk	58 45N	36 50E	Borœ	62 15N	6 40W	Caceres	39 28N	6 19W
Bessarabia	47 0N	29 0E	Borovitchi	58 27N	33 45E	Cadiz	36 30N	6 20W
Betanzos R. de	43 20N	8 20W	Borovsk	55 12N	36 35E	Caemarthen	51 52N	4 17W
Beziers	43 22N	3 7E	Bosna R.	44 50N	18 15E	Caernarvon	53 4N	4 15W
Biala	52 4N	23 7E	Bosna-serai	43 50N	18 22E	Cagliari	39 12N	9 7E
Bialystok	53 7N	23 10E	Bosnia	44 20N	18 0E	Cahors	44 26N	1 24E
Biarritz	43 23N	1 35W	Bosphorus	41 10N	29 0E	Calais	50 55N	1 53E
Bidasoa R.	43 20N	1 46W	Bothnia, G. of	63 0N	20 0E	Caltanicetta	37 31N	14 3E
Bielaia R.	55 30N	54 40E	Botuchany	47 52N	26 40E	Calatayud	41 24N	1 40W
Bielebei	54 2N	54 7E	Botzen	46 30N	11 18E	CaledonianCanal	57 10N	4 40W
Bilev	53 42N	36 5E	Braganza	41 49N	6 47W	Calmar	56 42N	16 25E
Bielgorod	50 36N	36 35E	Boulogne	50 42N	1 38E	Caen	49 10N	0 30W
Bielista, Novo	52 24N	31 5E	Bourg	46 10N	5 13E	Cambray	50 8N	3 18E
Biella	45 36N	8 7E	Bourges	47 2N	2 35E	Cambridge	52 12N	0 15E
Bieliol	55 48N	33 0E	Boyana R.	41 50N	19 20E	Camino I.	35 58N	14 12E
Bielorietzk	53 52N	58 29E	Braga	41 28N	8 20W	Candella	41 7N	15 22E
Bielosersk	60 0N	37 45E	Braganza	41 49N	6 47W	Candia	35 15N	25 0E
Bielse L.	60 10N	37 30E	Brahestadt	64 30N	24 32E	Canea	35 19N	25 4E
Bielski	47 48N	28 0E	Braila	45 18N	28 53E	Cannes	35 27N	23 59E
Bilboa	43 15N	2 56W	Brandenburg	52 27N	12 32E	CantabrianMts.	43 0N	5 0W
Bindal Fiord...	65 10N	12 30E	Bratzlav	49 56N	28 47E	Cantal, Mt.	45 8N	2 50E
Biorneborg	61 33N	21 50E	Brazza	43 20N	16 40E	Canterbury	51 18N	1 5E
Biriutch	50 38N	38 15E	Breidifjord	65 20N	22 30W			
Birkenhead	53 20N	3 0W	Bremanger	61 44N	5 10E			
Birlat	46 17N	27 30E	Bremen	53 5N	8 40E			
			Brenner	46 50N	11 0E			

NAME.	LAT.	LONG.	NAME.	LAT.	LONG.	NAME.	LAT.	LONG.	
Capraja	43	ON	9 52E	Cher R.	47 18N	1 15E	Crimea	45 20N	34 OE
Caprera	41	12N	9 29E	Chernavoda	44 22N	28 3E	Croatia	45 30N	16 OE
Capri I.	40	30N	14 9E	Cherso	44 50N	14 25E	Croatia, Turk.	45 ON	17 OE
Capua	41	7N	14 10E	Cheskoi, G.	67 20N	47 0E	Cronstadt	60 5N	29 45E
Carbonara C.	39	3N	9 32E	Chester	53 12N	2 52W	Cuenca	40 3N	2 10W
Cazeres	43	43N	1 4E	Cheviot Hs.	55 20N	2 25W	Culoz	45 55N	5 48E
Carcassonne	43	10N	2 22E	Chiavari	44 20N	9 20E	Curische Haff	55 10N	21 OE
Cardigan	52	2N	4 40W	Chieti	42 18N	4 12E	Curzola	42 58N	16 50E
Carinthia	46	40N	14 0E	Chotin	48 31N	16 35E	Cuxhaven	53 48N	8 39E
Carleby, Gamla	63	52N	23 15E	Christiana	59 57N	20 53E	Cyclades Is.	37 ON	25 OE
Carleby, Ny.	63	28N	23 42E	Christiana Fd.	59 20N	10 40E	Czegled	47 10N	19 46E
Carlisle	54	52N	2 55W	Christinestad	62 18N	11 20E	Czernowicz	48 18N	25 48E
Carlow	52	50N	6 55W	Christiansand	58 12N	28 2E	Czestochowa	50 15N	19 5E
Carlsbad	50	12N	12 7E	Christianstad	56 4N	14 15E	D		
Carlshafen	51	37N	9 30E	Christiansund	63 5N	8 0E	Daghestan	42 ON	37 OE
Carlshamn	56	13N	15 2E	Chudova	59 8N	3L 35E	Dago	58 55N	22 40E
Carlskrona	56	10N	15 40E	Chur	46 53N	9 30E	Dalmatia	43 20N	17 OE
Carlsruhe	48	57N	8 22E	Cilly	46 16N	15 15E	Dal R., E.	61 23N	14 OE
Carlstad	59	29N	13 35E	Cinca R.	41 50N	0 5E	Dal R.	60 10N	16 30E
Carnic Alps	46	38N	12 45E	Circassia	44 20N	40 0E	Danemora	60 18N	17 45E
Corniola	45	50N	14 30E	Ciudad Real	38 58N	3 49W	Dantzig	54 18N	18 40E
Carpathian Mts.	48	ON	24 30E	Ciudad Rodrigo	40 20N	6 30W	Danube R.	46 40N	19 OE
Carpathians, S.	45	30N	24 0E	Civita Vecchia	42 6N	11 46E	Dardanelles	40 ON	26 10E
Carrara	47	8N	10 4E	Clear, C.	51 25N	9 50W	Darmstadt	49 50N	8 37E
Cartagena	37	37N	1 7W	Clermont	45 47N	3 5E	Dariel Pass	42 40N	44 40E
Casale	45	7N	8 34E	Cleves	51 42N	6 18E	Daroca	41 12N	1 18W
Caserta	41	4N	14 20E	Clonmel	52 22N	7 35W	Dax	43 40N	0 50W
Castellamare	37	59N	12 53E	Clyde R.	55 50N	4 0W	Debreczin	47 28N	21 35E
Castelnaudary	43	19N	2 6E	Coburg	50 19N	11 2E	Dedre	57 8N	2 20W
Castilian Mts.	40	30N	5 0W	Cognac	45 42N	0 21W	Darmstadt	49 50N	8 26
Cassel	51	20N	9 42E	Coimbra	40 15N	8 28W	Dariel Pass	42 40N	44 28E
Castello Branca	39	51N	7 33W	Coll I.	56 40N	6 35W	Danemora	50 ON	10 OE
Castlebar	53	52N	9 15W	Colmar	48 2N	7 22E	Dantzig	54 18N	1 25W
Castres	43	40N	2 24E	Cologne	50 55N	7 0E	Dardanelles	40 ON	2 20W
Catania	37	31N	15 3E	Colonna, C.	37 40N	23 50E	Darmstadt	49 50N	8 37E
Cattaro	42	23N	18 50E	Comino, C.	40 30N	9 50E	Despoti Dagh	41 20N	25 OE
Caucasus Mts.	42	40N	45 0E	Como	45 47N	9 10E	Dessau	51 50N	12 13E
Cefalu	37	57N	14 3E	Coni	44 25N	7 34E	Detmold	51 58N	8 55E
Cenis, Mt.	45	ON	6 30E	Constance	47 37N	9 13E	Dieppe	49 54N	1 5E
Cephalonia I.	38	10N	20 30E	Constantinople	41 7N	28 54E	Dieu I.	46 40N	2 20W
Cerigo, I. of	36	15N	23 0E	Contessa, G.	40 40N	24 0E	Desna R.	51 40N	33 OE
Cerrigotto I....	35	50N	23 10E	Copenhagen	55 42N	12 35E	Despoti Dagh	41 20N	25 OE
Cetinje	42	26N	19 5E	Cordova	37 55N	4 42W	Dijon	47 20N	4 57E
Cete	43	22N	3 42E	Corfu I.	39 35N	19 50E	Dinaric Alps	44 20N	16 OE
Cevennes Mts.	44	20N	3 40E	Corinth	37 51N	22 52E	Dingle B.	52 5N	10 15W
ChajupudirskB.	68	20N	59 30E	Cork	51 55N	8 28W	Dingwall	57 38N	4 22W
Chalons	48	58N	4 32E	Coblenz	50 18N	7 35E	Dioma R.	54 ON	55 OE
Chalons	46	48N	4 40E	Corno, Mt.	42 30N	13 20E	Disna	55 34N	28 3E
Chambery	45	37N	6 3E	Corsica	42 0N	9 0E	Dmitrov	56 28N	37 43E
Chamouny	56	ON	6 40E	Corso, C.	43 0N	9 24E	Dnieper R.	47 8N	34 OE
Channel Is.	49	20N	2 30W	Corsoer	55 18N	11 15E	Dniester R.	47 30N	29 OE
Charente R.	45	40N	0 15W	Cortona	43 20N	12 4E	Dobrudsha, The	45 ON	28 30E
Chartres	48	28N	1 30E	Corunna	43 17N	8 10W	Dollart	53 20N	7 OE
Chateaudun	48	3N	1 13E	Cosenza	39 20N	16 12E	Dome Ness	57 47N	22 33E
Châteaulin	48	17N	4 3W	Cossacks	47 0N	42 0E	Domriansk	58 25N	56 30E
Chateauroux	46	48N	1 38E	Coutras	45 4N	0 5W	Donetz R.	48 ON	41 OE
Chatillon	47	55N	4 30E	Cracow	50 5N	19 53E	Donegal B.	54 30N	8 20W
Chaumont	48	7N	5 5E	Crailsheim	49 13N	9 53E	Donnase	66 10N	12 30E
Chaves	41	48N	7 35W	Cremona	45 9N	10 5E	Don R.	49 30N	43 30E
Cheltenham	51	58N	4 0W	Cressy	50 14N	2 0E	Dorchester	50 44N	2 30W
Chemnitz	50	52N	12 52E	Crete	35 15N	25 0E	Dordogne R.	44 50N	0 30E
Cherbourg	49	37N	1 36W	Creuse, C.	42 20N	3 16E	Dordrecht	51 46N	4 42E

NAME.	LAT.	LONG.	NAME.	LAT.	LONG.	NAME.	LAT.	LONG.
Doré, Mt.	45 25N	2 55E	Elizabetgrad	48 42N	32 11E	Fersala	39 18N	22 25E
Dornoch	57 55N	4 2W	Elsinore	56 4N	12 35E	Fife Ness	56 18N	2 32W
Dorogobush	54 58N	33 15E	Elton L.	49 10N	46 35E	Finland	65 ON	27 30E
Dorpatt	58 25N	26 43E	Elvas	38 54N	7 2W	Finmark	69 30N	25 0E
Douay	50 22N	3 3E	Embden	53 22N	7 15E	Finisterre, C.	42 51N	9 12W
Doubs R.	47 ON	5 23E	Emineh C.	42 46N	27 50E	Fiume	45 22N	14 32E
Douro R.	41 23N	3 0W	Ems	50 18N	7 53E	Flamboro' Hd.	54 7N	0 5W
Dover	51 9N	1 22E	Ems R.	53 ON	7 21E	Flekkefjord	58 20N	6 39E
Dovre	62 on	9 25E	Enara L.	69 ON	28 0E	Flensburg	54 48N	9 30E
Dovre-field	62 20N	10 0E	English B.	70 55N	8 20W	Florence	43 49N	11 20E
Draguinan	43 20N	6 24E	English Chan.	50 ON	3 0W	Flushing	51 28N	3 35E
Drama	41 8N	24 12E	Ennis	52 52N	8 59W	Foggia	41 30N	15 26E
Drammen	50 42N	10 20E	Enniskillen	54 20N	7 35W	Fohr	54 35N	8 40E
Drammen	60 ON	9 55E	Enns R.	47 50N	14 30E	Foix	42 59N	1 32E
Drave R.	46 , ON	17 30E	Enos	40 44N	26 3E	Fohrsund	58 7N	6 40E
Dresden	51 4N	13 40E	Eperies	48 58N	21 15E	Fokchany	45 48N	27 6E
Drin R.	44 15N	19 20E	Epinal	48 14N	6 20E	Folden Fiord	67 30N	15 0E
Drochobicz	49 20N	23 23E	Epirus	39 35N	20 20E	Foligno	43 5N	12 42E
Drogheida	53 42N	6 18W	Erfurt	50 58N	11 3E	Fontainebleau	48 23N	2 42E
Drontheim	63 22N	10 25E	Erlau	47 50N	20 13E	Forez, Mts. of	45 30N	3 45E
Drontheim Fd.	63 40N	9 30E	Erris Hd.	54 15N	10 0W	Formentera I.	38 38N	1 35E
Dublin	53 22N	6 15W	Erz Gebirge	50 30N	12 0E	Forth, Frith of	56 5N	3 0W
Dubovka	49 16N	44 50E	Escurial	40 35N	4 3W	Fotcha	43 32N	18 50E
Dulcigno	41 56N	19 14E	Eskiford	65 7N	13 40W	Fougeres	48 18N	1 13W
Dumfries	55 10N	3 37W	Eski Sagra	42 33N	25 32E	Foula	60 8N	2 25W
Düna	56 30N	26 0E	Esk Volcano	70 58N	7 55W	France	47 ON	0 0
Dünaberg	56 3N	26 25E	Esla R.	42 20N	5 20W	Frankenstein	50 42N	16 37E
Duncansby Hd.	58 38N	3 0W	Espichei C.	38 23N	9 14W	Frankfort	52 20N	14 32E
Dundalk	54 ON	6 20W	Essek	45 30N	18 35E	Frankfort	50 9N	8 45E
Dundee	56 20N	3 0W	Essling	48 15N	16 37E	Frederikshald	59 11N	11 35E
Dunkirk	51 ON	2 25E	Etampes	48 28N	2 11E	Frederikshamn	60 35N	27 15E
Durance R.	43 40N	5 20E	Etna, Mt.	37 43N	15 0E	Frederikstad	59 20N	11 5E
Durazzo	41 22N	19 29E	Eubœa	38 30N	24 0E	Frederiksvorn	59 6N	10 10E
Durham	54 45N	1 32W	Eupatoria	45 10N	33 27E	Freiburg	48 ON	7 52E
Dusseldorf	51 14N	6 50W	Evora	38 37N	7 44W	Frejus	43 25N	6 41E
Dwina	56 30N	26 0E	Evreux	49 ON	1 10E	Frисian Is.	53 43N	7 25E
Dwina R.	55 20N	30 20E	Exeter	50 44N	3 32W	Froyen	63 40N	8 45E
Dwina R.	62 27N	44 0E	Eyia Firth	66 5N	18 10W	Fucino, L.	42 ON	13 35E
Dwyrfjoll	65 34N	14 0W				FuentesdeOnoro	40 20N	6 39W
F								
E.								
Ebro R.	41 20N	0 30W	Faenza	44 18N	11 50E	Fulda	51 ON	9 45E
Ecija	37 46N	5 8W	Fahlum	60 35N	15 50E	Funen	55 15N	10 20E
Edinburgh	55 57N	3 10W	Fair I.	59 32N	1 42W	Funskirchen	46 12N	18 14E
Eger	50 5N	12 22E	Falcone, C.	40 59N	8 11E			
Eger R.	50 22N	14 0E	Falköping	58 8N	13 40E	G		
Egersund	58 10N	5 55E	Falmouth	50 10N	5 5W	Gaeta	41 13N	13 32E
Egripo	38 28N	23 40E	Falster	54 45N	12 0E	Gaisin	48 54N	29 20E
Eidsvold	60 22N	11 25E	Faltsi	46 14N	28 8E	Galatz	45 29N	28 5E
Eisk	46 40N	38 13E	Fano I.	39 53N	19 22E	Galdhoriggen	61 30N	8 35E
Ekaterinodar	45 7N	38 50E	Faro	37 4N	7 50W	Galicia	49 40N	23 0E
Ekaterinograd	43 45N	44 12E	Faroe	58 0N	19 5E	Galitch	58 19N	42 30E
Ekaterinoslav	48 20N	35 3E	Faroe Is.	62 ON	7 0W	Gallipoli	40 31N	26 40E
Eknaes	60 2N	23 32E	Faroe Is.	64 10N	9 30E	Gallo C.	36 42N	21 50E
Elba	42 45N	10 15E	Faxa Fiord	64 30N	22 30W	Galway	53 18N	9 8W
Elbe R.	53 ON	11 40E	Fedotova	62 34N	40 5E	Gap	44 32N	6 7E
Elbing	54 8N	19 28E	Felicudi I.	38 32N	14 28E	Garda, L.	45 40N	10 40E
Elbruz, Mt.	43 20N	42 40E	Femern	54 28N	11 10E	Gargano Pr.	41 54N	16 13E
Elche	38 20N	0 49W	Fermo	43 9N	13 43E	Garonne R.	44 12N	0 20E
Elfdal	61 20N	14 15E	Ferrara	44 53N	11 44E	Gata, C. de	36 43N	2 12W
Elgin	57 38N	3 20W	Ferrol	43 28N	8 13W	Gatshina	59 35N	30 5E
						Gdov	58 47N	27 50E

NAME.	LAT.	LONG.	NAME.	LAT.	LONG.	NAME.	LAT.	LONG.
Gelfe	60 45N	17 10E	Grossa	44 0N	15 0E	Hofs Jokull	64 45N	18 45W
Geneva and L.	46 16N	6 15E	Grundseth	61 0N	11 30E	Hogland	60 10N	27 OE
Genitchi	46 18N	34 50E	Gshatsk	55 32N	35 0E	Holanes	65 47N	19 55W
Genoa	44 24N	8 56E	Guadamenar R.	38 27N	3 0W	Holstein	54 0N	10 OE
Genoble	45 10N	5 44E	Guadalaxara	40 38N	3 8W	Holmsund and		
Georgievsk	44 11N	43 23E	Guadalquivir	37 18N	6 0W	Sandvik	63 37N	20 10E
Gerona	42 0N	2 45E	Guadiana R.	39 0N	4 28W	Holyhead	53 17N	4 35W
Geysers	64 20N	19 45W	Gval Fiord	69 0N	15 0E	Honfleur	49 22N	0 13E
Ghent	51 3N	3 42E	Guben	51 53N	14 45E	Hohenzollern	48 20N	9 OE
Ghounib	42 21N	46 56E	Gueret	46 13N	1 43E	Horn	66 23N	22 5W
Gibraltar	36 11N	5 20W	Guernsey	49 30N	2 35W	Horns Pt.	61 38N	17 30E
Gidea R.	63 50N	18 15E	Guirgevo	43 58N	25 5NE	Horn, The	55 32N	8 7E
Giessen	50 38N	8 43E	Gumbinnen	54 38N	22 15E	Horn, L.	66 5N	17 45E
Giglio	42 10N	10 57E	Gurielv	47 5N	51 43E	Hornafirth	64 13N	14 50W
Giguela R.	39 30N	3 14W	Gurskoe	62 12N	5 45E	Horsens	55 53N	9 50E
Gijon	43 34N	5 45W				Hoy I.	58 50N	3 15W
Gioia	40 48N	16 50E				Hudiksvall	61 43N	17 10E
Girapetra	35 6N	25 49E				Huesca	42 4N	0 25W
Girgenti	37 15N	13 35E	Haarlem	52 19N	4 39E	Hull	53 45N	0 20W
Gironde R.	45 35N	1 5W	Hague, C. de la	49 42N	1 52W	Humber R	53 33N	0 10E
Gisors	49 15N	1 45E	Hague, The	52 3N	4 15E	Huna Firth	66 0N	20 30W
Glamn Jokull	65 43N	22 0W	Halmstadt	50 40N	13 0E	Husum	63 18N	18 58E
Glasgow	55 52N	4 10W	Halifax	53 38N	1 50W	Hvaloe	70 35N	23 45E
Glatzov	59 25N	16 35E	Halle	51 30N	12 0E	Hvaloen	69 40N	18 45E
Glatzov	58 2N	52 30E	Hamar	60 48N	11 10E	Hyamsfiord	65 5N	22 0W
Glogau	51 38N	16 2E	Hamburg	53 34N	10 0E	Hydra I	37 21N	23 30E
Gloommen R.	61 0N	11 30E	Hamm	51 40N	7 57E			
Gluckstadt	53 47N	9 30E	Hammerfest	70 36N	23 35E	I		
Glurns	46 42N	10 43E	Hanover	52 23N	9 45E	Ibar R.	43 10N	20 40E
Glutchov	51 42N	33 57E	Hansdorf	51 34N	15 7E	Ibziansk	53 34N	58 2E
Gmund	46 57N	13 35E	Haparanda	65 52N	23 55E	Iceland	70 0N	18 OW
Gnesen	52 33N	17 30E	Hapsal	58 58N	23 35E	Ichtiman	42 28N	23 49E
Goldingen	57 0N	21 5NE	Harburg	53 27N	10 2E	Iglau	49 23N	15 40E
Gomel	52 28N	31 0E	Hardanger Fd.	60 0N	5 30E	Iglesias	39 22N	8 33E
Gottksa Sandoe	58 20N	18 45E	Hardanger-field	60 30N	8 0E	Ildiansk	56 0N	54 15E
Gota	58 0N	12 7E	Hareid	60 20N	6 5E	Ilitch R.	62 35N	58 0E
Gottenburg	57 44N	12 0E	Hango Hd.	59 50N	22 55E	Ilitch	62 27N	56 45E
Gotha	50 57N	10 40E	Harris	57 50N	6 50W	Ille	42 40N	2 3E
Gothland	57 30N	18 30E	Harwich	52 52N	1 12E	Iller R.	48 0N	10 24E
Gothland	57 20N	15 0E	Harz Mts.	51 45N	10 30E	Ilmen, L.	58 15N	31 20E
Göttingen	51 33N	9 5NE	Havre	49 33N	0 13E	Ilinsk	51 10N	57 24E
Görlitz	51 13N	14 58E	Hebrides	57 30N	7 0W	Imandra, L.	67 40N	33 15E
Goryn R.	51 20N	26 15E	Heckla, Mt.	63 57N	19 30W	Imbro	40 12N	25 50E
Gorz	45 57N	13 41E	Heidelberg	49 23N	8 46E	Indals R.	62 34N	17 OE
Gozo I.	36 4N	14 10E	Helder	52 54N	4 48E	Indjeh Kara-su	40 18N	22 OE
Gradiska	45 18N	17 25E	Heligoland	54 10N	7 58E	Indre R.	47 5N	1 0E
Grampian Mts.	56 55N	4 0W	Helsingfors	60 15N	24 50E	Indvig	61 42N	6 15E
Gran	47 47N	18 45E	Helsingborg	56 5N	12 50E	Ingolfshofde	63 46N	16 20W
Gran R.	48 10N	18 37E	Hemela	61 18N	26 13E	Ingoldstadt	48 44N	11 22E
Granada	37 18N	3 40W	Henares R.	40 40N	3 10W	Inn R.	48 17N	13 OE
Granallers	41 30N	2 22E	Heppens	53 32N	8 5E	Innsbruck	47 19N	11 20E
Gratz	47 4N	15 25E	Hereford	52 2N	2 40W	Insara	53 50N	44 20E
Gray	47 24N	5 28E	Hermanstadt	45 43N	24 8E	Inverness	57 27N	4 15W
Greece	37 0N	22 0E	Hernosand	62 35N	17 50E	Inzer R.	54 20N	57 20E
Greenwich	51 30N	0 0	Herzegovina	43 30N	17 30E	Ionian Is.	38 0N	20 3E
Greitz	50 40N	12 15E	Hielman	59 20N	16 0E	Ionian Sea	33 0N	18 0E
Griatzovetz	58 55N	40 10E	Hieres Is.	43 0N	6 20E	Ipswich	52 2N	1 3E
Grimsey	66 30N	17 45W	Hindoe	65 35N	16 0E	Ireland	53 0N	8 OW
Grimstad	58 20N	8 28E	Hiorring	57 30N	10 5E	Iremel, Mt.	54 28N	58 45E
Grisselhamm	60 8N	18 47E	Hitteren	63 30N	9 0E	Irginsk	56 44N	57 25E
Grodno	53 40N	23 45E	Hof	65 37N	14 35W	Iron Gate Pass	44 47N	22 20E
Groningen	53 10N	6 38E	Hof	50 20N	11 50E			

NAME.	LAT.	LONG.	NAME.	LAT.	LONG.	NAME.	LAT.	LONG.			
Isafirth	... 66	10N	22 45W	Kaiana	... 64	13N	27 40E	Khoper R.	... 50	40N	41 53E
Isar R.	... 48	30N	12 0E	Kalafat	... 44	ON	22 53E	Kichenev	... 47	4N	28 58E
Ischevsk	... 56	50N	53 10E	Kalagria, C.	... 43	25N	28 25E	Kiel	... 54	20N	10 10E
Ischia	... 40	42N	13 53E	Kalamas	... 39	40N	20 30E	Kielce	... 50	48N	20 32E
Iserlohn	... 51	22N	7 43E	Kalamata	... 37	4N	22 3E	Kiev	... 50	29N	30 23E
Iskev R.	... 43	23N	24 0E	Kalamata, G. of	... 36	50N	22 0E	Kildin I.	... 69	20N	34 15E
Islay	... 55	50N	6 10W	Kalchalinskaia	... 49	19N	44 1E	Kilia	... 45	30N	29 20E
Ishma	... 65	0N	53 50E	Kalgalaksha	... 65	48N	34 25E	Kilia Mth.	... 45	30N	29 36E
Ishma R.	... 64	20N	53 30E	Kalisz	... 51	47N	18 7E	Kilidromi I.	... 39	10N	23 53E
Ismail	... 45	24N	28 47E	Kalix	... 66	30N	22 35E	Killarney	... 52	ON	9 30W
Istib	... 41	43N	22 14E	Kalmucks	... 46	ON	43 0E	Kinburn	... 46	37N	31 36E
Istria	... 45	20N	14 0E	Kaluga	... 54	32N	36 15E	Kizliar	... 43	53N	46 56E
Italy	... 43	ON	12 0E	Kama R.	... 55	20N	50 0E	Kizilsk	... 52	40N	58 53E
Ithaca I.	... 38	20N	20 40E	Kama R.	... 59	50N	53 0E	Kinel R.	... 53	37N	52 0E
Iviza	... 38	52N	1 30E	Kamenskaia	... 48	18N	40 17E	Kineschma	... 57	25N	42 20E
Iviza I.	... 39	ON	1 30E	Kamischin	... 50	3N	45 20E	Kinnaird's Hd.	... 57	44N	2 0W
Ivrea	... 45	30N	7 50E	Kaminietz	... 48	40N	26 30E	Kinoosk	... 57	48N	58 52E
Izium	... 49	16N	37 15E	Kamish Samara	... 48	40N	49 50E	Kinsale	... 51	22N	8 39W
J											
Jaca	... 42	33N	0 45W	Kammin	... 53	57N	14 52E	Kioge	... 55	27N	12 8E
Jacobstadt	... 63	40N	22 50E	Kamp	... 52	42N	4 42E	Kirghiz Steppes	... 48	ON	49 0E
Jacobstadt	... 56	33N	25 40E	Kandalaksha	... 67	ION	32 25E	Kirilov	... 50	50N	38 10E
Jaen	... 37	49N	3 44W	Kanin, C.	... 68	35N	43 30E	Kirkwall	... 59	ON	3 0W
Jahde, The	... 53	40N	8 10E	Kaninskia P.	... 68	ON	45 0E	Kirsanov	... 52	37N	42 45E
Jamburg	... 59	28N	28 40E	Kanitsa	... 46	31N	17 5E	Kiselovsk	... 59	ON	57 19E
Jampol	... 48	20N	28 10E	Kara R.	... 68	30N	65 0E	Kitka L.	... 66	ION	28 0E
Janina	... 39	46N	20 49E	Karasubazar	... 45	14N	34 35E	Khvalinsk	... 52	33N	48 5E
Jan Mayen I.	70	ON	8 0W	Kara-su R.	... 41	20N	24 20E	Klagenfurt	... 46	39N	14 28E
Jarama R.	... 40	50N	3 30W	Karaveria	... 40	33N	22 7E	Klattau	... 49	28N	13 27E
Jaroslav	... 50	3N	22 43E	Karensk	... 53	43N	42 58E	Klar R.	... 60	40N	13 0E
Jaroslav	... 57	43N	40 7E	Kargopol	... 61	37N	38 50E	Klausenburg	... 46	40N	23 30E
Jassy	... 47	12N	27 34E	Karlberg	... 46	10N	23 34E	Klek	... 42	53N	17 43E
Jegorievsk	... 55	28N	39 10E	Karlstadt	... 45	29N	15 33E	Kliazma R.	... 56	ON	40 0E
Jetzelj	... 52	32N	38 30E	Karsun	... 54	10N	46 53E	Klin	... 56	ION	36 58E
Jelnia	... 54	33N	32 58E	Kasan	... 55	49N	49 15E	Klofa Jokull	... 64	30N	16 30W
Jena	... 50	58N	11 38E	Kasan	... 55	ON	40 0E	Kobrin	... 52	13N	14 10E
Jersey	... 49	12N	2 8W	Kaschau	... 48	40N	21 10E	Koelen Mts.	... 65	ON	15 0E
Jevremov	... 53	10N	38 0E	Kaschin	... 57	23N	37 32E	Kolabosh	... 63	11N	55 55E
Jisdra	... 52	48N	34 35E	Kasenskaia	... 49	48N	41 5E	Kola Penin.	... 67	20N	37 0E
Jitomir	... 50	18N	28 40E	Kashimskoi	... 60	18N	51 28E	Kolberg	... 54	8N	15 39E
Jocksby	... 66	44N	22 35E	Kasimov	... 54	58N	41 17E	Kolding	... 55	27N	9 35E
Johannsburg	... 53	42N	21 49E	Kaskö	... 62	22N	21 5E	Kolguev I.	... 69	ON	49 0E
Jönköping	... 57	47N	14 19E	Kassandra, G. of	... 40	10N	23 30E	Koliazin	... 57	15N	37 45E
Jucknov	... 54	43N	35 10E	Kastoria	... 40	35N	21 19E	Kologriv	... 58	45N	44 25E
Jug R.	... 60	ON	46 15E	Kattegat	... 57	ON	11 0E	Kolomea	... 48	32N	25 8E
Jura Mts.	... 47	ON	6 45E	Kazbek, Mt.	... 42	47N	44 25E	Kolomna	... 55	5N	38 45E
Jura I.	... 56	ON	5 55W	Kautokeino	... 69	10N	22 50E	Kolp R.	... 59	25N	30 0E
Jurinsen R.	... 55	30N	57 0E	Kendal	... 54	22N	2 45W	Kolva	... 66	20N	57 3E
Jurjevetz				Keltma R.	... 61	ON	54 13E	Kom, Mt.	... 42	40N	19 43E
Povolgskoi	... 57	18N	43 2E	Kemi R.	... 66	10N	25 0E	Komorn	... 47	48N	18 5E
Jurma, Mt.	... 55	32N	60 0E	Kemirask	... 66	18N	27 25E	Konbo, L.	... 67	ION	33 45E
Jutland	... 57	ON	10 0E	Kenmare B.	... 55	40N	10 10W	Kongsberg	... 59	40N	9 42E
Jvaskyla	... 62	18N	25 50E	Kerchem	... 61	32N	53 40E	Königsberg	... 54	38N	20 25E
K											
Kadnikov	... 59	30N	40 19E	Keret	... 66	18N	33 25E	Königgratz	... 50	15N	15 50E
Kaffa	... 45	7N	35 22E	Kertch	... 45	20N	36 31E	Konotop	... 51	12N	32 58E
Kagal	... 46	5N	28 17E	Kesmarkt	... 49	7N	20 22E	Kongsvinger	... 60	15N	12 10E
Kai	... 59	55N	53 8E	Keszemet	... 46	53N	19 43E	Koprili	... 41	40N	21 51E
				Kexholm	... 61	12N	30 12E	Koros R.	... 47	5N	21 45E
				Kharkov	... 50	ON	36 13E	Korotcha	... 50	52N	37 5E
				Kherson	... 46	48N	32 34E	Korotojak	... 50	58N	39 10E
				Khimera, Mt.	... 40	10N	20 30E	Kortcheva	... 56	48N	37 0E
				Kholm	... 56	ION	31 2E	Koshva	... 65	1GN	56 0E
				Kholmogory	... 64	15N	41 15E	Koslin	... 54	12N	16 8E

NAME.	LAT.	LONG.	NAME.	LAT.	LONG.	NAME.	LAT.	LONG.
Koslov	52 51N	40 18E	Lands End	50 5N	5 38W	Lingen Fiord	69 ON	20 30E
Kosmodemiansk	56 19N	46 42E	Lang-field	62 8N	8 OE	Linköping	58 33N	15 45E
Kossia R.	66 ON	59 30E	Langoe	68 40N	15 OE	Linz	48 18N	14 17E
Kostroma	57 50N	40 45E	Langres Plateau	48 ON	5 45E	Lions, G. of	43 ON	4 OE
Kosva	58 40N	57 20E	Lanusei	39 59N	9 28E	Lipari Is.	38 30N	15 OE
Kotbus	51 43N	14 22E	Laon	49 34N	3 37E	Lipetsk	52 35N	39 38E
Kotelnitz	58 ON	48 32E	Lapland	68 ON	25 OE	Lisbon	38 43N	9 13W
Kovdo, L.	67 ON	31 30E	Lariss	39 38N	22 24E	Lissa	43 4N	16 13E
Kovel	51 17N	24 35E	La Rochelle	46 11N	1 7W	Lissa	51 52N	16 33E
Kovno	55 ON	23 55E	Latcha, L.	61 20N	38 30E	Livadia	38 24N	22 52E
Kragojevatz	44 7N	20 44E	Lauenburg	53 23N	10 35E	Livadia	38 40N	22 30E
Krajova	44 20N	23 48E	Laugen R.	61 30N	10 OE	Liverpool	53 23N	2 55W
Krasnoborsk	61 33N	45 50E	Lausanne	46 34N	6 37E	Livny	52 27N	37 35E
Krasnoini	54 37N	31 33E	Lauven	60 ON	9 20E	Lizard Pt.	49 58N	5 8W
Krasnoini Jar	46 38N	48 22E	Lauwer-zee	53 20N	6 20E	Ljungan R.	62 28N	16 OE
Krasno Ufimsk	56 34N	57 35E	Laxe Fiord	70 40N	26 30E	Lodéve	43 48N	3 17E
Krasnystaw	50 58N	23 5E	Laybach	46 7N	14 30E	Lodi	45 20N	9 35E
Krementchug	49 5N	33 27E	Lebedin	50 38N	34 32E	Lofoden Is.	68 30N	12 OE
Kremnitz	48 40N	18 50E	Lecce	40 19N	18 12E	Lograno	42 23N	2 29W
Krems	48 30N	15 36E	Lecco	45 52N	9 25E	Loire R.	46 30N	4 OE
Kresti	58 22N	32 23E	Lech R.	47 50N	10 47E	Loir R.	47 40N	0 35E
Krio, C.	35 15N	23 31E	Le Creuzot	46 52N	4 30E	Lokhvitz	50 32N	33 13E
Kronstadt	45 38N	25 30E	Leeds	53 50N	1 32W	Lombardy	45 30N	10 OE
Krossanes	64 30N	14 5W	Leghorn	43 32N	10 20E	Lombola	68 23N	25 2E
Kruschowatz...	43 34N	21 8E	Leicester	52 37N	1 8W	Lomov	53 34N	43 41E
Kuba	41 18N	48 32E	Leipzig	51 20N	12 49E	Lomsha	53 15N	21 58E
Kuban R.	46 30N	40 30E	Lekoe	65 8N	11 40E	London	51 32N	0 5W
Kuban R.	44 30N	42 OE	Le Mans	48 2N	0 8E	Londonderry	54 59N	7 15W
Kuban R.	45 20N	38 OE	Langanes	66 21N	14 15W	Loop Hd.	22 32N	9 55W
Kubinskoi, L.	59 40N	39 20E	Lemberg	49 52N	24 OE	Locra	37 40N	1 52W
Kufstein	47 37N	12 4E	Lenno I.	39 50N	25 10E	Loretto	43 24N	13 39E
Kuina R.	44 20N	43 50E	Lentini	37 18N	14 59E	L' Orient	47 44N	2 23W
Kuitti, L.	65 10N	30 30E	Lenva R	66 ON	61 30E	Lorraine	49 ON	6 30E
Kulpa R.	45 30N	16 OE	Leoben	47 22N	15 3E	Lossina	44 35N	14 30E
Kuma R.	44 58N	46 OE	Leon	42 32N	5 32W	Lot R.	44 32N	2 OE
Kuma, G. of	44 35N	47 OE	Lepanto	38 21N	21 47E	Louvain	50 52N	4 48E
Kumykh	42 7N	47 8E	Le Pur	45 4N	3 50E	Louviers	49 10N	1 6E
Kungur	57 18N	56 59E	Lerida	41 40N	0 26E	Louvat R.	57 20N	31 20E
Kuopio	62 56N	27 25E	Lerwick	60 12N	1 15W	Lovisa	60 32N	26 15E
Kupuiansk	49 41N	37 40E	Lesina	43 9N	16 40E	Lowicz	52 8N	19 50E
Kurmitch	55 48N	46 10E	Leskovatz	43 5N	21 54E	Loxa	37 10N	4 18W
Kursk	51 40N	36 OE	Les Sables			Lübeck	53 48N	10 40E
Kurnezk	53 ON	46 23E	d'Olonne	46 27N	1 38W	Lublin	51 16N	22 30E
Kustenjeh	44 10N	28 31E	Lessoe	57 20N	11 10E	Lucca	42 50N	10 35E
Kustrin	52 33N	14 37E	Letitchev	49 27N	27 39E	Lucerne	47 4N	8 20E
Kyenanger Fd.	69 ON	12 30E	Leuca, C.	30 37N	18 15E	Luganskaja	48 47N	39 34E
L								
Laaland	54 45N	11 30E	Leuwarden	53 8N	5 55E	Luga R.	59 10N	29 OE
Laba R.	44 40N	40 42E	Levanger	63 40N	11 20E	Lugo	42 57N	7 36W
Lancaster	54 3N	2 48W	Lewis I.	58 ON	6 40W	Luisne R.	61 58N	15 30E
Ladeinoi Polie	60 48N	33 20E	Libau	56 33N	21 10E	Lulea	65 42N	22 10E
Ladoga, N.	60 5N	32 12E	Libourne	44 55N	0 15W	Lulea R.	66 30N	20 30E
Laga	58 45N	29 55E	Lida	53 48N	25 8E	Lund	55 50N	13 20E
Lagos	37 11N	8 30W	Liège	50 38N	5 42E	Lunenburg	53 12N	10 25E
Laval	48 3N	0 52W	Liegnitz	51 14N	16 12E	Lutchin	56 35N	27 38E
Lainio R.	68 ON	22 OE	Lienz	46 52N	12 43E	Lutz R.	60 27N	48 OE
Lalsk	60 39N	47 42E	Liim Fiord	57 ON	9 0E	Lutzk	50 47N	25 20E
Lamego	41 7N	7 39W	Lille	50 37N	3 5E	Luxemburg	49 38N	6 13E
Landes	44 ON	1 OW	Lillehammer	61 18N	10 30E	Lyek	53 50N	22 20E
Landsberg	52 45N	15 15E	Limerick	52 40N	8 30W	Lyons	45 45N	4 45E
			Limoges	45 52N	1 14E	Lyser Ort.	57 38N	21 45E
			Lincoln	53 12N	0 30W			
			Lindau	47 34N	9 43E			

NAME.	LAT.	LONG.	NAME.	LAT.	LONG.	NAME.	LAT.	LONG.
M								
Maas R.	51 10N	6 0E	Martorelli	41 28N	1 56E	Monastir	41 3N	21 20E
Maastricht	50 52N	5 48E	Massa	44 2N	10 10E	Mondego R.	40 27N	8 OW
Machnovka	49 47N	28 39E	Matapan, C.	36 24N	22 30E	Mondovo	44 27N	7 50E
Macon	46 18N	4 46E	Mataro	41 33N	2 30E	Mons	50 28N	4 5E
Madrid	40 24N	3 40E	Mayence	49 57N	8 17E	Montauban	43 59N	1 24E
Maelar, L.	59 30N	17 30E	Mayenne	48 15N	0 42E	Montbrison	45 38N	4 5E
Magdeburg	52 4N	11 38E	Mealsack	63 39N	22 30W	Montcalm, Mt.	42 40N	1 20E
Mageroe	71 0N	25 30E	Meaux	48 57N	2 47E	Monte Santo G.	40 20N	23 50E
Maggiore, L.	45 57N	9 0E	Mechlin	51 3N	4 32E	Montenegro	43 ON	19 OB
Maglin	53 0N	32 45E	Mecklenburg	53 30N	12 0E	Monterey	42 3N	7 37W
Mahon	39 54N	4 13E	Medellin	38 50N	5 56W	Montmorillon	46 26N	0 52E
Mainland	60 25N	1 15W	Medvieditza R.	50 18N	44 0E	Montpellier	43 37N	3 47E
Main R.	49 59N	8 20E	Meiningen	50 38N	10 24E	Montrose	56 47N	2 30W
Main R.	49 50N	10 17E	Mekri	40 53N	25 43E	Monza	45 38N	9 20E
Majorca, I. of	39 40N	3 0E	Meleda	42 45N	17 30E	Morava R.	44 ON	21 12E
Makariev	57 55N	44 0E	Melitopol	46 56N	35 33E	Moravia	49 20N	17 OB
Mako	46 15N	20 30E	Melun	48 34N	2 40E	Moray Firth	57 40N	3 40W
Makur	70 38N	30 5E	Memel	55 47N	21 7E	Morea	37 30N	22 30E
Maladetta, Mt.	42 30N	0 50E	Memel R.	55 7N	23 0E	Moron	37 12N	5 23W
Malaga	36 44N	4 38E	Mende	44 37N	3 30E	Morshansk	53 24N	41 43E
Malaia Semlia	67 0N	50 0E	Menselinsk	55 40N	53 20E	Moscow	55 45N	37 35E
Malang Fd.	69 30N	18 0E	Merida	38 52N	6 19W	Moskwa R.	55 42N	37 OB
Malia, C.	36 28N	23 10E	Merseburg	51 20N	12 3E	Moselle R.	49 50N	6 45E
Malin Hd.	55 23N	7 20W	Merthyr	51 48N	3 20W	Mostar	43 23N	17 56E
Malmish	56 22N	50 42E	Messina	38 12N	15 30E	Montluçoni	46 27N	2 43E
Malmö	55 39N	13 6E	Metz	49 6N	6 13E	Montala	58 40N	15 13E
Mälstrom	67 42N	12 45E	Meuse R.	49 40N	5 0E	Motovski, G.	69 30N	33 OB
Malta I.	35 55N	14 25E	Mezen	65 55N	44 15E	Motril	36 43N	3 29W
Mamadish	55 40N	51 25E	Mezen R.	63 40N	48	Moulins	46 53N	3 24E
Manchester	53 30N	2 15W	Mezieres	49 45N	4 37E	Moville	55 14N	7 2W
Mandal	58 6N	7 25E	Michailovskaya	51 2N	41 58E	Mozdok	43 47N	44 33E
Manfredonia G.	41 35N	16 0E	Midia	41 38N	28 2E	Mozir	52 5N	29 5E
Mangalia	43 54N	28 31E	Mikhailov	54 5N	39 39E	Msta R.	58 50N	32 40E
Man, Isle of	54 15N	4 30W	Milan	45 27N	9 10E	Mstislaoi	54 2N	31 35E
Manitich R.	46 38N	42 0E	Miliakinskaia	48 38N	40 0E	Malde	51 40N	12 20E
Mannheim	49 26N	* 8 32E	Milo I.	36 40N	24 30E	Mulhaçen, Mt.	37 3N	3 20W
Manresa	41 47N	1 44E	Minch, The	58 0N	6 0W	Mulhausen	47 42N	7 20E
Mantua	45 8N	10 50E	Mincio R.	45 10N	10 45E	Mullingar	53 32N	7 17W
Marathona	38 7N	23 51E	Minho R.	42 0N	8 30W	Mull I.	56 30N	6 OW
Marathonisi G.	36 30N	22 40E	Minorca, I. of	40 0N	4 10E	Munden	52 19N	8 58E
Marburg	50 50N	8 45E	Minsk	53 53N	27 40E	Munich	48 9N	11 34E
Marburg	46 32N	15 43E	Miranda	42 38N	3 58W	Munkacs	48 23N	22 44E
Marengo	44 55N	8 52E	Mirgorod	50 5N	33 28E	Munster	52 0N	9 OW
Margaux	45 8N	0 47W	Miskolcz	48 4N	20 45E	Muonio R.	68 ON	23 30E
Mariampol	54 40N	23 20E	Misolonghi	38 22N	21 21E	Murcia	38 2N	1 15W
Marienwerder	53 48N	18 55E	Miösen, L.	60 40N	11 0E	Murom	55 43N	41 52E
Mariestad	58 43N	14 5E	Mitau	56 9N	23 40E	Mur R.	47 5N	14 OB
Marische Geb.	49 20N	15 15E	Mitrovitza	42 48N	20 53E	Myslowitz	50 12N	19 12E
Maritime Alps	44 5N	8 0E	Modena	44 38N	10 55E	N		
Maritimo	38 0N	12 2E	Moen	54 59N	12 20E	Naesne	66 15N	13 IOE
Maritzka R.	41 0N	26 20E	Mohacs	46 0N	18 40E	Naga Banya	47 39N	23 37E
Marjovets I.	66 45N	42 35E	Mohilev	54 ON	30 22E	Namsen Fd.	64 40N	11 OB
Mariupol...	47 10N	37 37E	Mohilev	48 29N	27 50E	Namur	50 30N	4 52E
Marmande	44 31N	0 12E	Mojaisk	55 32N	36 0E	Nancy	48 42N	6 5E
Marmora, Sea of	40 45N	28 0E	Mokshan	53 28N	44 38E	Nantes	47 12N	1 33W
Marne R.	49 0N	4 0E	Moldavia	47 ON	27 0E	Nao, C.	38 40N	0 11E
Maros R.	46 10N	21 23E	Molde	62 45N	7 20E	Nao, C.	39 3N	17 16E
Maros Vasarhely	46 33N	24 35E	Moldau R.	49 20N	14 15E	Naples	40 50N	14 14E
Marsala	37 49N	12 24E	Molina	40 57N	1 49W	Napoleon Vend.	46 42N	1 27W
Marseilles	43 20N	5 25E	Mologa	58 13N	38 20E	Narbonne	43 7N	2 54E
			Monaco	58 50N	37 0E			

NAME.	LAT.	LONG.	NAME.	LAT.	LONG.	NAME.	LAT.	LONG.	
Narva	59	29N	27	59E		Novosibkov	52	38N	
Narva R.	59	20N	28	OE	Nuoro	40	22N	9	26E
Nasi, L.	62	ON	24	OE	Nuot, L.	68	20N	31	30E
Nassau	50	20N	8	OE	Nuremberg	49	28N	11	9E
Nauplia	37	38N	22	51E	Nyköping	58	52N	17	3E
Navarino	36	54N	21	42E	Nysloff	62	ON	28	35E
Naxio I.	37	5N	25	30E	Nystad	60	52N	21	10E
Naze, The	58	2N	7	10E	O				
Neagh, Lough	54	35N	6	20W	Oboian	51	13N	36	21E
Negropont	38	30N	24	OE	Obvai	58	25N	54	59E
Neim R.	51	40N	35	OE	Ochrida	41	12N	20	41E
Neisse	50	28N	17	18E	Odense	55	24N	10	25E
Nejin	51	2N	31	52E	Oder R.	52	ON	51	48E
Neize R.	53	4N	17	OE	Odessa	46	48N	30	45E
Nemethi					Oedenburg	47	42N	16	43E
Szathmur	47	52N	22	58E	Ofanto R.	41	13N	16	OE
Nem R.	61	29N	55	OE	Ofen	47	30N	19	OE
Neuchatel	47	ON	6	52E	Oise R.	49	30N	3	OE
Neusatz	45	22N	19	48E	Okansk	57	39N	55	10E
Neusiedler See	47	50N	16	48E	Oka R.	53	10N	36	20E
Neusohl	48	45N	19	10E	Oland	57	ON	17	OE
Neustadt, New	47	49N	16	13E	Oldenbury	53	8N	8	15E
Neutra R.	48	10N	18	20E	Oleron, I. de	46	ON	1	15W
Nesvij	53	18N	26	40E	Olgopol	48	19N	29	40E
Nevel	56	ON	30	3E	Olmutz	49	34N	17	13E
Never	47	ON	3	10E	Olonetz	61	2N	33	OE
Newcastle	55	ON	1	38W	Olot	42	7N	2	25E
Nice	43	41N	7	13E	Olten	47	18N	7	52E
Niemen R.	55	7N	23	OE	Olivopol	48	13N	30	50E
Nij Serginsk	56	38N	59	18E	Olympus, Mt.	40	ON	22	25E
Nikolaiev	47	2N	32	5E	Ombrone R.	42	50N	11	20E
Nikolaevka	50	2N	45	30E	Onega	63	50N	38	14E
Nikolsk	59	22N	45	38E	Onega, C.	65	10N	37	10E
Nikopol	43	42N	24	53E	Onega, L.	61	30N	36	OE
Nikopol	47	35N	34	45E	Onega R.	63	25N	39	OE
Nio I.	36	42N	25	23E	Oploie Field	64	40N	12	OE
Niort	46	9N	10	29W	Oporto	41	7N	8	32W
Nismes	43	48N	4	14E	Opotchka	56	42N	28	42E
Nissa	43	26N	22	OE	Oppeln	50	40N	18	2E
Noirmoutier, I.	46	58N	2	13W	Orange	44	7N	4	44E
Nolinsk	57	8N	49	59E	Oranienbaum	59	57N	29	50E
Nord Kyn	71	ON	27	45E	Oravitzia	45	12N	21	47E
Noric Alps	47	10N	13	OE	Orbitello	42	25N	11	19E
Norrköping	58	42N	16	22E	Orebro	59	23N	15	25E
Norrland	65	ON	17	OE	Orekhev	47	33N	35	55E
North, C.	71	12N	25	35E	Orel	52	52N	36	OE
North, C.	66	23N	22	5W	Orenburg	51	40N	55	10E
North Sea	56	ON	3	OE	Orense	42	19N	7	57W
Norwich	52	38N	1	15E	Orgeiev	47	26N	20	50E
Novara	45	27N	8	38E	Orihuela	38	9N	1	2W
Novgorod	58	34N	31	15E	Oristano	39	54N	8	34E
Novgorod					Orivesi, L.	62	30N	29	30E
Sieverskoi	52	4N	33	7E	Orkney Is.	59	ON	3	OW
Novgrad Volynsk	50	37N	27	33E	Orleans	47	53N	1	58E
Novi	44	57N	16	21E	Orlov	58	22N	49	5E
Novi-bazar	43	2N	20	33E	Orlov, C.	67	40N	41	OE
Novodvinskaia	64	42N	40	33E	Oroefa Jokull	64	ON	16	20W
Novo Khopersk	51	14N	41	30E	Orsha	54	32N	30	25E
Novomirgorod	48	56N	31	23E	Ortegal, C.	43	44N	7	54W
Novomoskovsk	48	39N	35	10E	Orvieto	42	46N	12	9E
Novo Nakhit-									
chevan	47	14N	39	47E					

NAME.	LAT.	LONG.	NAME.	LAT.	LONG.	NAME.	LAT.	LONG.
Perejaslav	... 50 2N	31 15E	Polykandro	I. 36 38N	24 4E	Raab	... 47 43N	17 40E
Perekop	... 46 12N	33 45E	Pomerania	... 53 40N	15 OE	Raab R.	... 47 20N	17 OE
Peremyschl	... 54 12N	36 0E	Pomona	... 59 ON	3 10W	Radom	... 51 20N	21 5E
Pereslav	... 56 48N	38 40E	Ponoi	... 67 8N	41 5E	Radomysl	... 50 32N	29 15E
Perigueux	... 45 8N	0 43E	Ponoi R.	... 66 55N	37 30E	Rafsbott	... 69 58N	23 5E
Perm	... 57 58N	56 20E	Pontecorvo	... 41 32N	13 39E	Ratisbon	... 48 50N	12 13E
Pernau	... 58 24N	24 25E	Pontevedra	... 42 24N	8 39W	Ragus	... 42 40N	17 6E
Perpignan	... 42 40N	2 49E	Pontine Marshes	41 25N	13 15E	Randers	... 56 29N	10 5E
Perth	... 56 28N	3 27W	Ponza	... 40 53N	12 57E	Ranea R.	... 66 10N	21 30E
Perugia	... 43 10N	12 21E	Po, R.	... 44 57N	12 0E	Ranen Fiord	... 66 10N	13 30E
Pesa R.	... 65 40N	46 0E	Porkhov	... 57 48N	29 42E	Raselm, L.	... 44 40N	28 55E
Pesaro	... 43 53N	12 54E	Poromes	... 64 5N	53 5E	Kasgrad	... 43 31N	26 20E
Pescara	... 42 27N	14 13E	Porsanger Fd.	70 35N	25 15E	Rassova	... 44 17N	27 52E
Peschiera	... 45 26N	10 43E	Porsgrund	... 59 9N	9 45E	Ratibor	... 50 4N	18 15E
Pesth	... 47 30N	19 7E	Portalegre	... 39 14N	7 24W	Raumo	... 61 8N	21 35E
Petchora R.	... 66 40N	52 0E	Port Baltic	... 59 30N	24 15E	Ravenna	... 44 28N	12 10E
Peterborough	52 42N	0 15W	Portheyri	... 65 13N	20 55W	Reggio	... 38 7N	15 40E
Peterhead	... 57 33N	1 52W	Portlands Huk	63 22N	18 50W	Regnitz R.	... 49 30N	11 2E
Peterhof	... 59 55N	30 0E	Portsmouth	... 50 48N	1 2W	Reichenberg	... 50 48N	15 8E
Peterwardein	45 15N	19 54E	Port Patrick	... 54 52N	5 2W	Re, I. de	... 46 10N	1 25W
Petrovsk	... 52 22N	45 22E	Porto Torres	... 40 50N	8 25E	Rendsburg	... 54 18N	9 45E
Petrozavodsk	61 48N	34 10E	Port Vendres	42 30N	3 9E	Rennes	... 48 7N	1 45W
Philippolis	... 42 6N	24 35E	Posen	... 52 29N	16 58E	Renti	... 45 34N	28 16E
Piania, L.	... 61 40N	25 30E	Poszetzchon	... 58 28N	39 18E	Reshev	... 56 9N	34 10E
Pianosa	... 42 34N	10 5E	Potenza	... 40 40N	15 50E	Reshitza	... 56 33N	27 13E
Piatigorsk	... 44 6N	42 58E	Potsdam	... 52 23N	13 2E	Retimo	... 35 20N	24 35E
Piave K.	... 46 10N	12 15E	Povienetz	... 62 50N	34 40E	Reus	... 41 17N	1 4E
Piavo, L.	... 66 30N	31 0E	Praesto	... 55 11N	12 5E	Reval	... 59 29N	24 42E
Piazenza	... 45 4N	9 47E	Prague	... 50 4N	14 30E	Reynosa	... 42 58N	4 3W
Piedmont	... 45 0N	8 0E	Presburg	... 48 10N	17 5E	Reykianes	... 63 50N	22 25W
Pielis, L.	... 63 20N	29 30E	Precarico	... 40 35N	16 11E	Reykiabik	... 64 7N	21 30W
Pilsen	... 49 47N	13 27E	Pregel R.	... 54 38N	21 0E	Reykjahlid	... 65 33N	16 45W
Piltén	... 57 10N	21 40E	Preobrajensk	52 5N	57 25E	Rheims	... 49 12N	4 5E
Pinega	... 64 39N	43 25E	Preston	... 53 45N	2 39W	Rhine, R.	... 48 ON	7 30E
Pinega R.	... 63 30N	45 0E	Pripet R.	... 51 54N	25 40E	Rhine, Prov.	... 51 ON	6 45E
Pinerolo	... 44 52N	7 23E	Prisrend	... 42 11N	21 1E	Rhine	... 51 58N	5 30E
Pinsk	... 52 12N	26 0E	Pristina	... 42 33N	21 10E	Rhodez	... 44 19N	2 28E
Piotrkow	... 51 13N	19 30E	Privas	... 44 43N	4 30E	Rhone R.	... 44 20N	4 37E
Pirot	... 43 11N	22 34E	Proskurov	... 49 24N	27 3E	Riazan	... 54 37N	39 50E
Pisa	... 43 41N	10 29E	Prosna R.	... 51 20N	18 10E	Ribachi Penin.	... 69 45N	34 30E
Pishma R.	... 65 0N	51 35E	Protchno			Ribe	... 55 19N	8 45E
Pistojá	... 43 59N	11 0E	Okopskoe	... 45 8N	41 7E	Riga	... 56 58N	24 17E
Pisuerga R.	... 42 10N	4 10W	Prussia	... 52 ON	10 0E	Ricti	... 42 26N	12 50E
Pitea	... 65 24N	21 30E	Pruth R.	... 47 10N	28 0E	Rifstangi	... 66 29N	16 0W
Pitea R.	... 66 0N	19 25E	Przemysl	... 49 47N	22 43E	Rimini	... 44 4N	12 35E
Piteshtí	... 44 54N	24 50E	Psel R.	... 50 28N	34 0E	Rimnik	... 45 8N	24 15E
Placencia	... 40 10N	5 54W	Pskov	... 57 55N	28 27E	Ringkiobin	... 56 8N	8 22E
Platten See	... 46 50N	17 45E	Pudosh	... 61 54N	36 45E	Ringvadsoe	... 69 55N	19 0E
Plevna	... 43 24N	24 34E	Pultusk	... 52 45N	21 4E	Rio Tinto,		
Plitch R.	... 52 40N	28 40E	Pultivl	... 51 18N	33 35E	Mines of	... 37 48N	6 30W
Plock	... 52 34N	19 42E	Putrid Sea	... 45 50N	34 45E	Ripnesoe	... 70 4N	18 40E
Ployesit	... 44 56N	26 11E	Puy de Dome	45 45N	3 0E	Risoer	... 58 42N	9 5E
Plymouth	... 50 23N	4 3W	Pyrenees Mts.	42 50N	I 0E	Rixhöft	... 54 50N	18 0E
Poitiers	... 46 34N	0 13E				Roanne	... 46 3N	4 2E
Pokovsk	... 52 35N	57 3E				Roca, C.	... 38 38N	9 35W
Pola	... 44 50N	13 52E				Rochefort	... 45 58N	0 57W
Poland	... 51 30N	20 0E				Rockall	... 57 37N	13 38W
Polevsk	... 56 22N	60 25E				Rodoma	... 64 3N	48 15E
Policastro	... 40 3N	15 36E				Rodosto	... 41 4N	27 28E
Pollenza	... 39 53N	3 4E	Quarken	... 63 30N	21 0E	Rogatchev	... 53 4N	30 0E
Polotsk	... 55 30N	28 50E	Queenstown	51 49N	8 18W			
Poltava	... 49 33N	34 35E	Quimper	... 48 ON	4 5W			

Q

ASTROLOGY FOR ALL

NAME.	LAT.	LONG.	NAME.	LAT.	LONG.	NAME.	LAT.	LONG.
Rogovaia R.	66 ON	61 50E	St. George's Mth. (Danube)	42 53N	29 27E	Sartona	41 37N	8 58E
Rolfsoe	71 ON	24 0E	St. Givors	44 56N	1 10E	Sassari	40 43N	8 39E
Roman	46 57N	26 55E	St. Gothard Mt.	46 30N	7 30E	Satkinsk	55 2N	58 55E
Rome	41 51N	12 24E	St. Kilda I.	58 2N	8 32W	Saudanes	66 12N	14 50W
Romny	50 51N	33 26E	St. Lo	49 ON	1 0W	Saumur	47 13N	0 9W
Romsdal	62 28N	7 50E	St. Malo	48 38N	1 55W	Saurboer	64 22N	21 25W
Romsdal Fd.	62 40N	6 45E	St. Ménéhoult	49 10N	5 5E	Save R.	44 54N	19 0E
Rona	59 8N	5 50W	St. Michel	61 48N	27 15E	Save R.	45 50N	16 0E
Ronda	36 47N	5 8W	St. Michel	45 14N	6 34E	Savona	44 19N	8 29E
Ronne	55 5N	14 47E	St. Nazaire	47 12N	2 15W	Savoy	46 ON	6 40E
Roraas	62 30N	11 30E	St. Petersburg	60 ON	30 20E	Saxony	52 ON	11 30E
Rosa, Mt.	46 55N	7 53E	St. Quentin	49 52N	3 15E	Scarborough	54 20N	0 25W
Roscommon	53 38N	8 10W	St. Remo	43 48N	7 52E	Scaw Fell	54 30N	8 5W
Rosenheim	47 53N	12 10E	St. Sebastian	43 10N	1 55W	Schaffhausen	47 44N	8 40E
Roslave	54 ON	32 35E	St. Vincent, C.	37 3N	8 59W	Schatsk	54 3N	41 42E
Rossano	39 34N	16 41E	Sta. Maria	36 37N	6 16W	Schemnitz	48 27N	18 57E
Rossieny	55 22N	23 5E	Sta. Maura I.	31 40N	20 37E	Schleitz	50 35N	11 50E
Rostosk	54 2N	12 10E	Sakharnaia	49 43N	51 25E	Schmolnitz	48 44N	20 35E
Rostov	57 13N	39 25E	Sakmara	51 40N	56 32E	Schusselburg	59 57N	31 5E
Rostov	47 15N	39 35E	Sakmarsk	51 58N	55 24E	Schwerin	53 37N	11 22E
Rosvig	67 30N	15 30E	Salamanca	41 6N	5 45W	Schweinfurt	50 2N	10 18E
Rotondo, Mt.	42 11N	9 0E	Salerno	40 40N	14 42E	Schwitz	47 3N	8 43E
Rotterdam	51 55N	4 32E	Salghir R.	45 30N	34 30E	Schyl R.	44 40N	23 20E
Rottweil	48 12N	8 43E	Salgo Tarjan	48 3N	19 45E	Scilly Is.	49 50N	6 25W
Rouen	49 22N	1 4E	Salina I.	38 34N	18 48E	Scheldt R.	51 25N	3 30E
Roumania	45 ON	26 0E	Salisbury	51 10N	1 42W	Sclavonia	45 10N	19 0E
Roumelia	41 30N	25 0E	Salona	38 31N	22 20E	Sedan	49 44N	4 57E
Roumelia, E.	42 20N	26 0E	Saloniki	40 40N	23 3E	Segre R.	41 50N	1 0E
Rudolstadt	50 44N	11 20E	Sal R.	47 20N	41 30E	Sego, L.	63 15N	33 30E
Rufia R.	37 40N	21 30E	Salten Fiord	67 10N	14 30E	Segovia	41 4N	4 12W
Rügen I.	54 25N	13 20E	Salza R.	47 50N	13 0E	Segura R.	38 20N	1 50W
Rum I.	57 4N	6 20W	Salzburg	47 52N	13 5E	Seine R.	49 10N	1 15E
Ruotsinsalmi	60 25N	27 5E	Samara	53 15N	50 10E	Seine R.	48 20N	4 0E
Ruschuk	43 52N	26 2E	Samara R.	52 53N	52 0E	Seluba	38 30N	9 0W
Russia, E.	50 ON	40 0E	Sambor	49 34N	23 8E	Semendria	44 37N	20 54E
Russia, Gt.	60 ON	43 0E	Samothrace	40 30N	25 35E	Semenov	56 50N	44 32E
Russia, Lit.	50 ON	35 0E	Samsoe	55 55N	10 40E	Semlin	44 53N	20 29E
Russki Savarol	68 55N	54 35E	Samur R.	41 30N	47 36E	Sengei I.	68 24N	51 15E
Russia, S.	48 ON	35 0E	Sandoe	61 50N	6 50W	Senjen	69 15N	17 30E
Russia, W.	53 ON	27 0E	Sandomierz	50 42N	21 37E	Sens	48 9N	3 21E
Rybinsk	58 4N	39 0E	S. Antico	39 2N	8 20E	Serajevo	43 50N	18 22E
Rylsk	51 37N	34 47E	S. Felipe	38 57N	0 30W	Serdobsk	52 28N	44 15E
Rys, L.	65 50N	14 15E	S. Lucar	36 46N	6 16W	Seres	41 7N	23 32E
Rzeszow	50 7N	21 53E	S. Marino	43 56N	12 30E	Sereth	48 2N	26 2E
S								
Sablia, Mt.	64 40N	59 0E	San R.	50 20N	22 25E	Sereth R.	47 20N	26 45E
Sadankyla	67 24N	26 32E	San Stefano	41 3N	28 45E	Serto I.	37 10N	24 30E
Sado R.	38 ON	8 20W	Santander	43 29N	3 43W	Sergatch	55 32N	45 39E
Sagan	51 38N	15 23E	Santarem	39 15N	8 43W	Sergievsk	53 53N	51 15E
Saima, L.	61 30N	28 0E	Santiago de Cam-			Sergiew		
St. Andrews	56 23N	2 47W	postello	42 42N	8 33W	Troitskoi	55 25N	38 5E
St. Bernard, Gt.	46 55N	7 17E	Santorin I.	36 25N	25 24E	Serpents I.	45 22N	30 15E
St. Brieux	48 30N	2 47W	Saragossa	41 46N	0 57W	Serpukov	54 56N	37 29E
St. David's Hd.	51 54N	5 13W	Saraj	53 2N	32 18E	Servia	44 ON	20 0E
St. Denis	48 54N	2 20E	Saranask	54 18N	45 5E	Setubal, B. of	38 20N	9 0W
St. Die	48 25N	6 58E	Sarapul	50 30N	53 55E	Sevastopol	44 40N	33 29E
St. Etienne	45 28N	4 28E	Saratov	51 32N	45 55E	Severn R.	52 ON	2 8W
St. Gall	47 28N	9 21E	Sardinia	40 ON	9 0E	Seville	37 24N	5 49W
St. George's Ch.	52 ON	6 0W	Sark	49 25N	2 23W	Sevre R.	46 18N	1 0W
Sarpa Hills			Saros, G. of	40 35N	26 30E	Sevres	42 45N	2 19E
Sarthe			Sarpa Hills	47 40N	44 10E	Shaitinsk	56 50N	59 58E
			Sarthe	48 ON	0 15E	Shapinka	67 ON	54 30E
						Shannon R.	52 30N	9 40W

NAME.	LAT.	LONG.	NAME.	LAT.	LONG.	NAME.	LAT.	LONG.						
Sharkeui	43	11N	22	34E	Sligo	54	14N	8	25W	Staroi-Oskol	51	23N	37	42E
Shavli	55	55N	23	7E	Slivno	42	40N	26	15E	Stavanger	58	59N	5	40E
Sheffield	53	24N	1	22W	Slobodskoi	58	32N	50	20E	Stavropol	58	28N	49	18E
Sheptukovka	49	17N	40	15E	Slonim	53	10N	25	7E	Stavropol	45	9N	41	50E
Shetland Is.	60	25N	1	15W	Slutch R.	51	ON	26	40E	Stedlec	52	12N	22	5E
Shipka Pass	42	50N	25	40E	Slutsk	53	1N	27	42E	Sterlitamak	53	28N	56	3E
Shumla	43	22N	26	51E	Slyne Hd.	53	22N	10	8W	Stettin	53	24N	14	27E
Shrewsbury	52	45N	2	47W	Smoeulen	63	20N	8	10E	Stilo, C.	38	37N	16	37E
Shuya	56	50N	41	27E	Smolensk	54	45N	32	5E	Stirling	56	9N	3	52W
Siacoa	37	33N	13	3E	Snaefells	64	50N	23	25W	Stora Lulea, L.	67	20N	19	OE
Sibilla, Mt.	43	ON	13	15E	Snee-hatten	62	20N	9	30E	Stockholm	59	23N	17	58E
Sicily	37	30N	14	0E	Snæfjall	66	5N	22	OW	Stockton	54	37N	1	20W
Sidero, C.	35	20N	26	17E	Snowdon	53	ON	4	OW	Stolpe	54	24N	16	58E
Sienna	43	21N	11	20E	Soderhamn	61	22N	17	5E	Storen	63	4N	10	30E
Sienne	54	47N	29	30E	Soevig	64	24N	11	40E	Stroe	59	50N	5	25E
Sienitta	43	14N	19	43E	Sogne Field	61	15N	8	0E	Storr, L.	65	50N	18	10E
Sierra	46	17N	7	35E	Sogne Fiord	61	ON	6	0E	Storsion, L.	63	10N	14	30E
Sierrad'Estralla	40	10N	8	OW	Soissons	49	20N	3	20E	Stralsund	54	18N	13	3E
Sierra Molina	40	40N	1	30W	Sokolka	53	26N	23	35E	Strasbourg	48	42N	7	50E
Sierra Morena	38	20N	5	OW	Sok R.	53	48N	51	0E	Strati I.	39	30N	25	2E
Sierra Nevada	37	ON	4	OW	Solferino	45	19N	10	36E	Strelitz, New	53	22N	13	5E
Sifanto I.	36	56N	24	47E	Solgalitch	59	ON	42	22E	Strofadhia Is.	37	17N	21	2E
Siguenza	41	5N	2	47W	Solikamsk	59	28N	56	35E	Stromboli I.	38	47N	15	10E
Silesia	50	ON	17	30E	Solovetski I.	65	5N	36	10E	Stromoe	62	10N	7	10W
Silistria	44	8N	27	20E	Solvitchegodsk	61	22N	46	55E	Struma R.	41	30N	23	13E
Siljan, L.	60	55N	14	15E	Solway Firth	54	50N	3	30W	Stry	49	14N	23	45E
Silva, R.	57	20N	57	0E	Solzy	58	10N	30	15E	Stuttgart	48	47N	9	14E
Silvinsk	57	19N	58	52E	Sondershausen	51	23N	10	53E	Styria	47	0N	15	0E
Sil R.	42	30N	7	OW	Sondrio	46	13N	9	50E	Styr R.	51	20N	25	47E
Simbirsk	54	22N	48	19E	Sophia	42	47N	23	14E	Suchond R.	60	20N	44	OE
Simferopol	45	ON	34	7E	Sordavalala	61	49N	30	40E	Suderoe	61	34N	6	50W
Simo R.	66	ON	26	15E	Soria	41	40N	2	30W	Sudeten Mts.	50	ON	17	OE
Simsk	54	53N	57	35E	Soroe	70	35N	22	30E	Sudja	51	13N	35	8E
Sines	37	57N	8	50W	Soroki	48	14N	28	8E	Sudo R.	59	40N	36	20E
Singelei	54	2N	48	30E	Sound, The	56	10N	12	40E	Sulak R.	43	20N	47	OE
Sios R.	59	40N	33	0E	Southampton	50	57N	1	20W	Sulen I.	61	0N	5	0E
Sisola R.	60	50N	50	20E	Spain	40	ON	5	OW	Sulitelma	67	10N	16	30E
Sisoslk, Ust	61	38N	50	45E	Spalaturo	43	32N	16	32E	Sumburgh Hd.	59	53N	1	18W
Sissek	45	32N	16	20E	Sparta	37	7N	22	25E	Sumy	51	ON	34	52E
Sistova	43	38N	25	13E	Spartivento, C.	38	53N	8	50E	Sunderland	54	52N	1	22W
Sizebol	42	27N	27	37E	Spartivento, C.	38	ON	16	7E	Sundsvall	62	25N	17	20E
Skaga Firth	66	ON	19	30E	Spask	55	ON	49	30E	Suraj	55	24N	30	52E
Skager Rack	58	ON	9	40E	Spezzia	44	2N	9	50E	Sura R.	55	10N	46	20E
Skagstol-tind	61	20N	8	10E	S. Pietro	39	9N	8	15E	Surendal	62	57N	8	50E
Skapta Jokull	64	14N	18	OW	Spirding See	53	47N	21	40E	Susa	45	8N	7	5E
Skawe, The	57	45N	10	45E	Spires	49	18N	8	30E	Suwalki	54	2N	22	55E
Skelleftea	64	42N	20	50E	Spizza	42	11N	18	58E	Suzdal	56	32N	40	20E
Skelleftea R.	65	10N	20	0E	Slupgen	46	30N	9	30E	Svæborg	60	7N	25	0E
Skiatho I.	39	10N	23	30E	Spoletto	42	47N	12	46E	Svealand	60	ON	15	OE
Skive	56	49N	9	5E	Spree R.	52	30N	13	25E	Svenigorodka	49	12N	31	3E
Skombi R.	41	ON	20	0E	Spurn Hd.	53	35N	0	10E	Sventiansy	55	8N	26	10E
Skopelo I.	39	7N	23	44E	Squillace	38	53N	16	31E	Sviashsk	55	49N	48	35E
Skopia	42	3N	21	43E	Stadr	65	43N	21	35W	Sviatoi, C.	68	10N	40	OE
Skopin	53	53N	39	25E	Stadtland	62	8N	5	15E	Svir R.	60	58N	34	OE
Skutari	41	58N	19	28E	Stafford	52	48N	2	5W	Swansea	51	48N	3	53W
Skvira	49	40N	29	32E	Staradut	52	35N	32	45E	Swartwik	62	18N	17	32E
Skye, Isle of...	57	15N	6	OW	Starajet Russa	57	57N	31	20E	Sylt	54	50N	8	20E
Slatina	44	27N	24	27E	Stargard	53	10N	15	2E	Syracuse	37	4N	15	10E
Slaviansk	48	57N	37	35E	Staritza	56	33N	34	58E	Syra I.	37	24N	25	12E
Slavionoserbsk	48	43N	39	0E	Staro Bykhov	53	23N	30	15E	Sytchevka	55	50N	34	19E
Sleswig	54	34N	9	43E	Staro Konstantinov	49	44N	27	4E	Syzran	53	10N	48	25E
Sleswig	55	ON	9	0E						Szarvas	46	59N	20	37E

NAME.	LAT.	LONG.	NAME.	LAT.	LONG.	NAME.	LAT.	LONG.
Szegedin ...	46 17N	20 5E	Thames K. ...	51 30N	0 40E	Troitzk ...	54 8N	43 50E
Szeksna R. ...	58 50N	38 0E	Thaso ...	40 40N	24 40E	Troitzk ...	62 48N	56 5E
Szenhursk ...	62 8N	43 0E	Theiss R. ...	48 ON	23 30E	Tromsøe ...	69 38N	18 55E
Szigeth ...	47 54N	23 58E	Theodosia ...	45 7N	35 22E	Troppau ...	49 57N	17 50E
Szolnok ...	47 12N	20 8E	Theresienstadt ...	46 ON	19 37E	Troyes ...	48 16N	4 2E
T			Thessaly ...	39 30N	22 0E	Trubtchevsk ...	52 37N	33 40E
Tabinsk ...	53 51N	56 30E	Thingwalla, L. ...	64 10N	20 50W	Truxillo ...	39 22N	5 46W
Tabor ...	49 28N	14 37E	Thistil Firth... ...	66 15N	15 0W	Tsna R. ...	54 ON	42 0E
Taganrog ...	47 15N	38 49E	Thorn ...	53 8N	18 30E	Tudela ...	42 5N	1 38W
Tagus R. ...	39 43N	5 40W	Thorsa W. ...	64 30N	18 30W	Tula ...	54 12N	37 38E
Taman ...	45 16N	36 47E	Thorshavn ...	62 ON	6 55W	Tulle ...	45 18N	1 40E
Tambov ...	52 45N	41 23E	Thurso ...	58 34N	3 32W	Tulma R. ...	65 20N	50 30E
Tammerfors... ...	61 34N	23 40E	Tiber R. ...	42 10N	12 36E	Tuloma ...	68 30N	32 0E
Tana Fiord ...	70 45N	28 15E	Tichvin ...	59 40N	33 18E	Tunja R. ...	42 15N	26 30E
Tana R. ...	69 50N	27 0E	Ticino R. ...	45 30N	8 45E	Turin ...	45 3N	7 40E
Tanit R. ...	55 50N	55 40E	Tilsit ...	55 5N	21 50E	Tursi ...	40 12N	16 21E
Taranto ...	40 27N	17 19E	Timan Hills ...	66 30N	50 0E	Turtukai ...	44 5N	26 44E
Tarbes ...	43 17N	0 4E	Tino I. ...	37 37N	25 5E	Tuscany ...	44 20N	11 0E
Tarifa ...	36 5N	5 36W	Tipperary ...	52 25N	8 5W	Tver ...	56 52N	36 45W
Tarku ...	42 55N	47 31E	Tiraspol ...	46 58N	29 40E	Tweed R. ...	55 37N	2 40W
Tarkhan, C. ...	45 26N	32 25E	Tiree I. ...	56 34N	6 55W	Tyne R. ...	54 57N	2 0W
Tarnopol ...	49 34N	25 36E	Tirnova ...	43 12N	25 30E	Tyrol ...	47 ON	12 0E
Tarn R. ...	44 ON	2 50E	Tisted ...	57 ON	8 42E	Tyrrhenian Sea ...	40 ON	12 0E
Tarnow ...	50 ON	20 53E	Tokay ...	48 5N	21 20E	Tzaritzin ...	48 40N	44 32E
Tarragona ...	41 9N	1 13E	Tok R. ...	52 47N	53 0E	Tzilma, Ust ...	65 29N	52 5E
Tatra, Mt. ...	49 15N	19 40E	Toledo ...	39 57N	4 1W	U		
Tavolshanka ...	52 4N	49 15E	Toledo, Mts. of	39 30N	5 0W	Ubort R. ...	51 20N	27 35E
Tay, Firth of	56 25N	2 40W	Tolka See ...	50 40N	51 40E	Uchta Ust ...	63 40N	53 45E
Tayn R. ...	48 53N	16 0E	Toll-pass ...	63 50N	59 30E	Uchta R. ...	62 28N	53 0E
Tay R. ...	56 40N	3 40W	Tonning ...	54 18N	8 53E	Ufa ...	54 43N	55 58E
Tcheboxar ...	56 8N	47 21E	Tonsberg ...	59 18N	10 38E	Ufaleisk ...	56 4N	60 26E
Tcherdin ...	60 25N	56 30E	Toppa L. ...	65 50N	32 0E	Ufa R ...	56 20N	59 0E
Tcherikov ...	53 32N	31 25E	Totma ...	60 ON	42 45E	Uglitch ...	57 28N	38 18E
Tcherkask N. ...	47 28N	40 9E	Toulcha ...	45 10N	28 53E	Ugra R. ...	54 50N	35 0E
Tcherkask Star	47 13N	40 5E	Toulon ...	43 8N	5 57E	Uist, N. ...	57 37N	7 20W
Tcherkasy ...	49 28N	32 15E	Toulouse ...	43 34N	1 22E	Uist, S. ...	57 15N	7 20W
Tchernigov ...	51 30N	31 19E	Tournay ...	50 37N	3 25E	Uleaborg ...	64 58N	25 25E
Tchernoi Jar	48 4N	46 15E	Tours ...	47 22N	0 40E	Ulea L. ...	64 20N	27 0E
Tcherepovetz ...	59 8N	37 52E	Tormes R. ...	41 15N	6 0W	Ulm ...	48 25N	9 58E
Ter, Schelling ...	53 23N	5 25E	Tornea ...	65 55N	24 5E	Uman ...	48 58N	30 6E
Tchichloma ...	58 42N	42 50E	Tornea L. ...	68 20N	19 0E	Umea ...	63 47N	20 10E
Tchigry ...	52 ON	37 5E	Tornerotz ...	66 30N	23 40E	Umea R. ...	64 45N	18 0E
Tchirskaja ...	48 20N	43 17E	Torquay ...	50 30N	3 30W	Undine ...	46 8N	13 20E
Tchistopol ...	55 20N	50 40E	Torres Vedras ...	39 2N	9 16W	Unghvar ...	48 38N	22 18E
Tchusovaya R. ...	58 10N	58 0E	Torshok ...	57 ON	34 58E	Unna R. ...	45 ON	16 27E
Telsh ...	56 ON	22 5E	Tortosa ...	40 45N	0 31E	Unsha R. ...	58 25N	44 45E
Temeswar ...	45 48N	21 13E	Trae Is. ...	66 35N	12 15E	Unst ...	60 47N	0 50W
Temoikav ...	54 50N	43 4E	Trafalgar, C. ...	36 12N	6 0W	Upsala ...	59 57N	17 38E
Tenby ...	51 40N	4 40W	Tralee ...	52 13N	9 40W	Ural R. ...	47 10N	51 30E
Tendra Penin. ...	46 14N	32 0E	Trani ...	41 13N	16 34E	Ural Mts. ...	60 ON	59 0E
Terek R. ...	43 40N	45 0E	Transylvania ...	46 20N	25 0E	Ural R ...	52 ON	58 50E
Termoli ...	42 ON	14 53E	Trapani ...	38 2N	12 29E	Uralsk ...	51 14N	51 25E
Ternovaia ...	49 6N	40 40E	Trawnik ...	44 13N	17 43E	Uran R. ...	52 40N	53 20E
Terranova ...	40 54N	9 28E	Tremiti Is. ...	42 10N	15 33E	Urbino ...	43 44N	12 39E
Teruel ...	40 22N	1 5W	Trent ...	46 7N	11 10E	Urshum ...	57 8N	49 50E
Teschen ...	49 43N	18 36E	Trent R. ...	52 ON	1 0W	Usedom I. ...	53 55N	14 10E
Tetiushi ...	54 58N	48 50E	Treves ...	49 45N	6 43E	Uskub ...	42 3N	21 43E
Tevastchus ...	61 3N	24 25E	Treviso ...	45 42N	12 7E	Usman ...	52 2N	39 48E
Teverone ...	42 ON	13 0E	Trieste ...	45 38N	13 50E	Ussa R. ...	66 10N	58 0E
Texel ...	53 5N	4 50E	Trikala ...	39 36N	21 50E	Ussa Ust ...	65 59N	56 59E
			Tripolitza ...	37 35N	22 22E			

NAME.	LAT.	LONG.	NAME.	LAT.	LONG.	NAME.	LAT.	LONG.				
Ustica I.	38	46N	13 10E	Vichy	41 54N	2 10E	Warta R.	52 38N	16 0E			
Usting Weliki	60	43N	46 15E	Vichy	46 12N	3 28E	Warwick	52 20N	1 30W			
Ustiushna	58	49N	36 20E	Vid R.	43 20N	24 20E	Wasa	63 7N	22 43E			
Ustlaba	45	22N	39 46E	Vienna	48 15N	16 22E	Washka R.	63 40N	47 0E			
Utcha I.	43	45N	47 40E	Vienne R.	46 49N	0 30E	Wash, The	53 ON	0 20E			
Utch Spit	43	34N	47 38E	Vierzow	47 11N	2 6E	Waterford	52 15N	7 5W			
Utkinsk	56	58N	59 19E	Vigo	42 9N	8 44W	Waterloo	50 42N	4 38E			
Utrecht	52	6N	5 10E	Vigten Is.	64 54N	11 0E	Weduga	57 57N	45 50E			
Utrera	37	13N	5 46W	Vilaine R.	47 33N	3 0W	Weimar	51 2N	12 23E			
Utva R.	51	ON	53 0E	Vileika	54 28N	27 5E	Weissenstein	58 57N	25 39E			
Utzen	50	42N	48 7E	Vilkomir	55 18N	24 38E	Weliki Luki...	56 18N	30 25E			
Utzen R.	50	4N	49 0E	Villach	46 39N	13 47E	Welsk	61 5N	42 50E			
V												
Vaagoe, E.	68	20N	14 45E	Villafranca	45 19N	10 47E	Wenden	57 18N	24 58E			
Vaagoe, W.	68	ION	14 0E	Villa Real	41 22N	7 45E	Wener, L.	59 ON	13 35E			
Vadsoe	70	8N	29 35E	Vinaroz	40 28N	0 27E	Wenersborg	58 25N	12 20E			
Valdai	57	58N	33 5E	Vindel R.	65 0N	18 15E	Werra	51 17N	10 0E			
Valdai Hills	57	20N	32 0E	Vinnitzia	49 15N	28 27E	Werschitz	45 13N	21 23E			
Valdepenas	38	46N	3 19W	Vire	48 48N	0 49W	Weser R.	53 ON	9 0E			
Valencia	39	27N	0 30W	Viseu	40 42N	8 0W	Wessenberg	59 25N	26 25E			
Valence	44	56N	4 50E	Vishera R.	60 28N	57 0E	Wesiegonsk	58 42N	37 5E			
Valenciennes	50	20N	3 35E	Vishni			Westeras	59 40N	16 42E			
Valentia I.	51	50N	10 20W	Volotchok...	57 34N	34 35E	Western Is.	57 30N	7 0W			
Valette	35	56N	14 25E	Vistula R.	53 30N	18 40E	Westervik	57 49N	16 42E			
Valladolid	41	37N	4 39W	Vitchegela R.	61 34N	48 0E	West Fiord	68 ON	14 30E			
Valona	40	28N	19 30E	Vitebsk	55 10N	30 10E	Westmannia Is.	63 20N	19 55W			
Vandoe	70	ION	19 10E	Viterbo	42 22N	12 6E	Westphalia	51 30N	7 30E			
Vannes	47	38N	2 48W	Vittoria	42 48N	2 40W	Westra I.	59 18N	3 0W			
Varanger Fd.	70	ON	30 30E	Vladi Kaukas	43 1N	44 40E	Wetluga R.	57 ON	45 18E			
Vardar R.	41	20N	22 20E	Vladimir	56 10N	40 19E	Wetter, L.	58 20N	14 40E			
Vardöhuus	70	21N	31 10E	Vlieland	53 15N	5 0	Wexford	52 22N	6 32W			
Vares C.	43	45N	7 46W	Volga R.	56 50N	33 20E	Wexo	56 55N	14 55E			
Varna	43	18N	27 50E	Volmar	57 39N	25 30E	Whitby	54 30N	0 39W			
Vatna Jokull	64	30N	16 30W	Volo	39 25N	22 51E	Whitehaven...	54 36N	3 28W			
Vecht R.	52	30N	7 0E	Vologda	59 20N	39 40E	White Sea	66 ON	40 0E			
Vegenoe	65	40N	11 50E	Vol R.	62 ON	54 10E	Wiasniki	56 13N	41 55E			
Veglia	45	ON	14 37E	Vopna Firth	65 50N	14 0W	Wick	58 25N	3 10W			
Veile	55	39N	9 42E	Vorarlberg	47 10N	10 0E	Wicklow	52 58N	6 2W			
Veletri	41	41N	12 45E	Voronov C.	66 32N	42 5E	Widin	44 ON	22 43E			
Velij	55	38N	31 18E	Vosnesensk	52 51N	57 10E	Widzy	55 32N	26 32E			
Velikaia R.	57	30N	28 15E	Voyussa R.	40 20N	20 0E	Wieliczka	49 53N	20 4E			
Venice	45	27N	12 27H	Vulcano I.	38 20N	14 55E	Wiesbaden	50 8N	8 10E			
Vera	37	8N	1 53W	Vuollerim	66 22N	20 30E	Wight, Isle of	50 40N	1 20W			
Verder	52	53N	9 23E	Vranya	42 30N	22 0E	Wilegra	61 ON	36 32E			
Verdun	49	5N	5 28E	W								
Verkhodnie-				Waagoe	62 7N	7 20W	Willmanstrand	61 7N	28 13E			
provsk	48	38N	34 17E	Waag R.	48 31N	18 0E	Wilna	54 42N	25 22E			
Verona	45	27N	11 0E	Wagram	48 22N	16 50E	Windau	57 22N	21 32E			
Versailles	48	46N	2 8E	Wagsoe	61 58N	5 15E	Windsor	51 29N	0 39W			
Verviers	50	38N	5 55E	Waitzen	47 47N	19 14E	Wisby	57 42N	18 18E			
Vesoul	47	38N	6 10E	Walgrund	63 18N	21 10E	Wisby	57 30N	18 30E			
Vesuvius, Mt.	40	50N	14 25E	Walk	57 49N	25 58E	Wishera R.	62 30N	52 0E			
Veszprim	47	ION	17 54E	Wallachia	45 CN	25 0E	Wismar	53 54N	11 35E			
Viacenza	45	32N	11 35E	Waltehansk	50 24N	37 5E	Wittenberg	51 52N	12 39E			
Viana	41	42N	8 45W	Waluiki	50 11N	38 3E	Wittenberge...	53 2N	11 45E			
Viatka R.	59	ON	51 0E	Warasdin	46 20N	16 18E	Wodlo L.	62 25N	37 10E			
Viazma	55	15N	34 7E	Warberg	57 ON	12 20E	Wolgsk	52 4N	47 25E			
Viatka	58	22N	49 45E	Wardein, Gross	47 3N	21 47E	Wolko R.	59 ON	31 40E			
Viborg	60	47N	28 32E	Warnavia	57 10N	45 15E	Wollin I.	53 55N	14 30E			
Viborg	56	28N	9 35E	Warsaw	52 17N	20 52E	Worms	59 ON	23 10E			

NAME.	LAT.	LONG.	NAME.	LAT.	LONG.	NAME.	LAT.	LONG.		
Woshe L.	60	35N	38 40E	Yantra R.	43	ION	25 24E	Zamora	41 39N	5 52W
Wrath, C.	58	35N	4 59W	Yaransk	57	13N	47 58E	Zamosc	50 40N	23 15E
Wurtemburg	48	30N	9 0E	Yarenesk	62	ION	49 10E	Zante I.	37 45N	20 45E
Würzburg	49	50N	9 58E	Yarmouth	52	28N	1 45E	Zara	44 8N	15 22E
Wygo L.	63	33N	34 30E	Yasva R.	60	13N	57 0E	Zarevka	48 44N	45 43E
Wyg R.	64	20N	34 15E	Yelabuga	55	42N	52 15E	Zarskoe Selo	59 48N	30 25E
Wym R.	62	20N	50 30E	Yelanskaia	49	42N	42 3E	Zatas R.	39 ON	8 20W
				Yelatma	55	4N	41 28E	Zealand	55 30N	12 0E
				Yell	60	40N	1 10W	Zenicha	44 9N	18 0E
X				Yenikale Str.	45	20N	36 38E	Zezerre R.	40 ION	7 40W
				Yenotaijevsk	47	18N	47 5E	Zittau	50 58N	14 50E
Xenil R.	37	20N	4 30W	Yonne R.	47	50N	3 33E	Zlataust	55 8N	59 35E
Xeres	36	44N	5 59W	York	54	ON	1 5W	Zombor	45 47N	19 10E
Xucar R.	39	8N	1 0W	Ypres	50	53N	2 59E	Zubzov	56 4N	34 20E
				Ystad	55	31N	14 2E	Zurich	47 25N	8 30E
Y				Z				Zutphen	52 IIN	6 14E
Yalta	44	32N	34 3E	Zadonsk	52	22N	38 58E	Zuyder Zee	52 30N	5 30E
								Zvornik	44 27N	19 13E
								Zwolle	52 32N	6 10E

TABLE FOR TURNING DEGREES OF LONGITUDE INTO HOURS AND MINUTES OF TIME

N.B.—1° Longitude equals 4' in time; 15' Longitude equals 1' in time

DEG. OF M.	HRS. OF M. SEC.	DEG. M.	HRS. MIN. SEC.								
1	.4	31	2.4	61	4.4	91	6.4	121	8.4	151	10.4
2	.8	32	2.8	62	4.8	92	6.8	122	8.8	152	10.8
3	.12	33	2.12	63	4.12	93	6.12	123	8.12	153	10.12
4	.16	34	2.16	64	4.16	94	6.16	124	8.16	154	10.16
5	.20	35	2.20	65	4.20	95	6.20	125	8.20	155	10.20
6	.24	36	2.24	66	4.24	96	6.24	126	8.24	156	10.24
7	.28	37	2.28	67	4.28	97	6.28	127	8.28	157	10.28
8	.32	38	2.32	68	4.32	98	6.32	128	8.32	158	10.32
9	.36	39	2.36	69	4.36	99	6.36	129	8.36	159	10.36
10	.40	40	2.40	70	4.40	100	6.40	130	8.40	160	10.40
11	.44	41	2.44	71	4.44	101	6.44	131	8.44	161	10.44
12	.48	42	2.48	72	4.48	102	6.48	132	8.48	162	10.48
13	.52	43	2.52	73	4.52	103	6.52	133	8.52	163	10.52
14	.56	44	2.56	74	4.56	104	6.56	134	8.56	164	10.56
15	1.0	45	3.0	75	5.0	105	7.0	135	9.0	165	11.0
16	1.4	46	3.4	76	5.4	106	7.4	136	9.4	166	11.4
17	1.8	47	3.8	77	5.8	107	7.8	137	9.8	167	11.8
18	1.12	48	3.12	78	5.12	108	7.12	138	9.12	168	11.12
19	1.16	49	3.16	79	5.16	109	7.16	139	9.16	169	11.16
20	1.20	50	3.20	80	5.20	110	7.20	140	9.20	170	11.20
21	1.24	51	3.24	81	5.24	111	7.24	141	9.24	171	11.24
22	1.28	52	3.28	82	5.28	112	7.28	142	9.28	172	11.28
23	1.32	53	3.32	83	5.32	113	7.32	143	9.32	173	11.32
24	1.36	54	3.36	84	5.36	114	7.36	144	9.36	174	11.36
25	1.40	55	3.40	85	5.40	115	7.40	145	9.40	175	11.40
26	1.44	56	3.44	86	5.44	116	7.44	146	9.44	176	11.44
27	1.48	57	3.48	87	5.48	117	7.48	147	9.48	177	11.48
28	1.52	58	3.52	88	5.52	118	7.52	148	9.52	178	11.52
29	1.56	59	3.56	89	5.56	119	7.56	149	9.56	179	11.56
30	2.0	60	4.0	90	6.0	120	8.0	150	10.0	180	12.0

THE
ASTROLOGICAL STUDENTS'
COMPLETE ASTRONOMICAL
EPHEMERIS
OF THE PLANETS' PLACES FOR
1901
CALCULATED FOR MEAN NOON AT GREENWICH

PREFACE

OWING to the general arrangement of last year's Ephemeris being unsatisfactory, I have made several alterations in the present one, which I think will be of great advantage to Astrological Students.

In the first place the longitudes of the planets are kept entirely distinct from the Declinations, and with the exception of the Moon, the Declinations from the Latitudes.

Secondly, the Longitude and Latitude of the Moon and the Declination of the Sun and Moon is only given to *minutes*; while the Declination of the Moon is given for every *six* hours during the day to ensure greater accuracy in calculating intermediate hours.

Thirdly, the awkward arrangement of the Lunar aspects is done away with entirely, and they are arranged in a tabular form at the end of the work.

Lastly, the Mutual Aspects are given opposite the date on which they occur and in a more extended form, together with certain Phenomena. The approximate time of the more importants aspects is given.

These alterations and additions will, I trust, prove useful to my fellow-students in Astrology, and I shall be pleased to receive any suggestions for improving the Ephemeris.

H. E. BAILEY.

JANUARY, 1901

D M	MOON'S DECLINATION						D M	MOON'S DECLINATION						MOON'S LATIT.		
	Noon	6 hrs.	Midnt.	18 hrs.	Noon	Midnt.		Noon	6 hrs.	Midnt.	18 hrs.	Noon	Midnt.	Noon	Midnt.	
1	o 19N 38	20N 8	20N 33	20 54	o N 32	o S 6	17	21S 22	21 S 20	21 S 14	21 S 4	1 N 35	2 N 7			
2	21 9	21 19	21 25	21 25	o S 44	1 21	18	20 49	20 30	20 6	19 38	2 38	3 7			
3	21 20	21 11	20 57	20 38	1 57	2 30	19	19 6	18 29	17 49	17 4	3 34	3 58			
4	20 14	19 47	19 15	18 39	3 2	3 30	20	16 16	15 24	14 28	13 29	4 19	4 36			
5	18 0	17 17	16 31	15 42	3 55	4 17	21	12 27	11 23	10 15	9 6	4 50	4 59			
6	14 51	13 57	13 1	12 3	4 35	4 49	22	7 54	6 40	5 25	4 S 9	5 3	5 3			
7	11 3	10 2	9 0	7 56	4 59	5 5	23	2 S 52	1 S 34	o S 16	1 N 2	4 58	4 48			
8	6 52	5 46	4 41	3 N 35	5 8	5 7	24	2 N 20	3 N 38	4 N 54	6 N 10	4 33	4 15			
9	2 N 29	1 N 22	o N 16	o S 50	5 2	4 54	25	7 24	8 37	9 47	10 56	3 52	3 26			
10	1 S 55	3 S 0	4 S 5	5 8	4 43	4 28	26	12 2	13 5	14 5	15 3	2 56	2 24			
11	6 11	7 13	8 14	9 13	4 11	3 51	27	15 57	16 47	17 33	18 16	1 51	1 15			
12	10 11	11 8	12 3	12 56	3 29	3 5	28	18 54	19 28	19 58	20 23	o N 39	o N 2			
13	13 48	14 37	15 24	16 9	2 38	2 10	29	20 43	20 59	21 10	21 16	o S 34	1 10			
14	16 52	17 32	18 10	18 44	1 40	1 9	30	21 17	21 14	21 6	20 54	1 45	2 18			
15	19 16	19 44	20 9	20 31	o S 37	o S 4	31	20 37	20 16	19 51	19 21	2 48	3 16			
16	20 49	21 3	21 13	21 20	o N 29	1 N 2	32	18 48	18 11	17 31	16 48	3 42	4 4			
D M	D W	SIDEREAL TIME			○	Δ	♀	♀	δ	γ	β	Η	Ψ	LONGITUDES		
		H	M	S	o 1 "	o 1	o 1	o 1	o 1	o 1	o 1	o 1	o 1	o 1	o 1	
1	Tu	18	41	46.0	10 25	8	25 8	23	28 27	11 22	II 243	26 7	4	7 346	14 20	27 II 30
2	W	18	45	42.6	11 26	17	9 II 25	29	58	12 37	11 51	26 18	7 53	14 24	27 I 29	
3	Th	18	49	39.2	12 27	25	23 20	1 III 30	13 51	11 58	26 31	8 0	14 27	27 27		
4	F	18	53	35.7	13 28	34	7 20	5	3 3	15 6	12 5	26 45	8 7	14 30	27 25	
5	S	18	57	32.3	14 29	42	20 36	4	36	16 20	12 11	26 58	8 14	14 34	27 24	
6	✉	19	1	28.8	15 30	51	3 20	51	6 9	17 35	12 16	27 11	8 21	14 37	27 22	
7	M	19	5	25.4	16 31	59	16 48	7 43	18 50	12 20	27 25	8 28	14 40	27 21		
8	Tu	19	9	21.9	17 33	7	29 27	9 17	20 4	12 24	27 38	8 35	14 43	27 19		
9	W	19	13	18.5	18 34	16	1 I 49	10 51	21 19	12 27	27 51	8 42	14 47	27 18		
10	Th	19	17	15.1	19 35	24	23 57	12 26	22 33	12 30	28 4	8 49	14 50	27 16		
11	F	19	21	11.6	20 36	32	5 24	14 2	23 48	12 32	28 18	8 56	14 53	27 14		
12	S	19	25	8.2	21 37	40	17 45	15 37	25 3	12 33	28 31	9 3	14 56	27 13		
13	✉	19	29	4.7	22 38	48	29 34	17 14	26 17	12 33	28 44	9 10	14 59	27 11		
14	M	19	33	1.3	23 39	55	1 I 28	18 51	27 32	12 K 32	28 57	9 17	15 2	27 10		
15	Tu	19	36	57.8	24 41	3	23 32	20 28	28 47	12 31	29 10	9 24	15 5	27 8		
16	W	19	40	54.4	25 42	10	5 249	22 6	o 2 2	12 29	29 23	9 31	15 8	27 7		
17	Th	19	44	51.0	26 43	17	18 25	23 44	1 16	12 26	29 36	9 38	15 11	27 6		
18	F	19	48	47.5	27 44	23	1 23	25 23	2 31	12 22	29 49	9 45	15 14	27 4		
19	S	19	52	44.1	28 45	29	14 42	27 2	3 46	12 18	o 2 2	9 52	15 17	27 3		
20	✉	19	56	40.6	29 46	35	28 24	28 42	5 1	12 13	o 15	9 58	15 20	27 1		
21	M	20	0	37.2	o 247	39	12 23	o 23	6 15	12 7	o 27	10 5	15 23	27 0		
22	Tu	20	4	33.7	1 48	43	26 37	2 4	7 30	12 0	o 40	10 12	15 26	26 59		
23	W	20	8	30.3	2 49	46	10 58	3 46	8 45	11 52	o 53	10 19	15 29	26 57		
24	Th	20	12	26.9	3 50	48	25 22	5 28	10 0	11 43	1 5	10 25	15 31	26 56		
25	F	20	16	23.4	4 51	49	9 24	7 11	11 15	11 34	1 18	10 32	15 34	26 55		
26	S	20	20	20.0	5 52	49	23 58	8 55	12 29	11 24	1 30	10 39	15 37	26 53		
27	✉	20	24	16.5	6 53	47	8 8 3	10 39	13 44	11 13	1 43	10 45	15 40	26 52		
28	M	20	28	13.1	7 54	45	22 0	12 24	14 59	11 2	1 55	10 52	15 42	26 51		
29	Tu	20	32	9.6	8 55	41	5 II 47	14 9	16 14	10 49	2 8	10 58	15 44	26 50		
30	W	20	36	6.2	9 56	36	19 25	15 54	17 29	10 36	2 20	11 5	15 47	26 49		
31	Th	20	40	2.7	10 57	29	2 24	17 41	18 43	10 22	2 32	11 11	15 50	26 48		
32	F	20	43	59.3	11 58	21	16 13	19 27	19 58	10 7	2 44	11 18	15 52	26 46		

JANUARY, 1901

D M	DECLINATIONS				LATITUDES								MOON'S NODE	
	α	δ	β	ψ	\circ	$'$	\circ	$'$	\circ	$'$	\circ	$'$	\circ	$'$
1 23	S 5	22 S 37	22 S 31	22 N 11	0 S 37	1 N 15	3 N 14	0 N 18	0 N 36	0 N 0	1 S 15	29 m 48		
3 23	6	22 37	22 32	22 11	0 50	1 11	3 18	0 18	0 36	0 0	1 15	29 42		
5 23	7	22 36	22 33	22 11	1 2	1 6	3 22	0 18	0 36	0 0	1 15	29 35		
7 23	8	22 35	22 34	22 11	1 14	1 1	3 26	0 18	0 36	0 0	1 15	29 29		
9 23	8	22 35	22 35	22 11	1 24	0 56	3 30	0 18	0 35	0 0	1 15	29 23		
11 23	9	22 34	22 35	22 11	1 33	0 51	3 34	0 18	0 35	0 0	1 15	29 16		
13 23	9	22 33	22 36	22 11	1 41	0 45	3 38	0 17	0 35	0 0	1 15	29 10		
15 23	10	22 32	22 37	22 11	1 48	0 40	3 42	0 17	0 35	0 0	1 15	29 3		
17 23	10	22 31	22 37	22 11	1 54	0 35	3 46	0 17	0 35	0 0	1 14	28 57		
19 23	10	22 30	22 38	22 11	1 59	0 29	3 50	0 17	0 35	0 0	1 14	28 51		
21 23	10	22 29	22 39	22 11	2 2	0 24	3 54	0 17	0 35	0 0	1 14	28 44		
23 23	10	22 28	22 39	22 11	2 4	0 18	3 57	0 17	0 35	0 0	1 14	28 38		
25 23	10	22 27	22 40	22 11	2 5	0 13	4 1	0 17	0 35	0 0	1 14	28 32		
27 23	10	22 26	22 41	22 11	2 3	0 7	4 5	0 16	0 35	0 0	1 14	28 25		
29 23	10	22 26	22 41	22 11	2 0	0 N 2	4 8	0 16	0 34	0 0	1 14	28 19		
31 23	9	22 25	22 42	22 11	1 54	0 S 4	4 11	0 16	0 34	0 0	1 14	28 13		
32 23	9	22 24	22 42	22 11	1 51	0 6	4 12	0 16	0 34	0 0	1 14	28 9		
D M	DECLINATIONS				LONG. MIDNIGHT		MUTUAL ASPECTS, ETC.							
D M	\odot	α	δ	β	MIDNIGHT		MUTUAL ASPECTS, ETC.							
1 23	S 2	24 S 4	20 S 55	10 N 9	2 II 25		$\varnothing \square \delta$ 7 23.							
2 22	57	24 11	21 7	10 8	16 24		$\odot \Delta \delta$ 10 54. \odot in perigee 9H.							
3 22	52	24 16	21 18	10 7	0 ϖ 14		$\varnothing \delta \square$ 12 1.							
4 22	46	24 21	21 29	10 6	13 53									
5 22	40	24 24	21 40	10 6	27 16									
6 22	33	24 26	21 49	10 6	10 ϖ 22		$\varnothing \varnothing \psi$ 17 35.							
7 22	26	24 27	21 58	10 6	23 10		$\varnothing \delta \square$ 12 30.							
8 22	18	24 26	22 7	10 6	5 ϖ 40		$\odot P. \varnothing$, $P. \psi$. $\varnothing P. \psi$. $\delta P. \square$ 21 57.							
9 22	10	24 24	22 14	10 7	17 55		$\varnothing \Delta \delta$ 0 56.							
10 22	1	24 20	22 21	10 8	29 57									
11 21	52	24 15	22 28	10 9	11 ϖ 50		$\varnothing \square \square$ \varnothing .							
12 21	43	24 9	22 34	10 11	23 39		$\varnothing P. \square$.							
13 21	33	24 1	22 30	10 12	5 ϖ 31		$\varnothing \varnothing \psi$ 16 49. δ stationary 22H.							
14 21	23	23 51	22 43	10 15	17 28									
15 21	12	23 41	22 47	10 17	29 38									
16 21	1	23 28	22 50	10 20	12 ϖ 5									
17 20	49	23 15	22 52	10 22	24 51		$\odot \square \delta$ 15 50. \odot 150 ψ . $\varnothing P. \varnothing$.							
18 20	37	22 59	22 54	10 26	8 ϖ 0		$\varnothing \square \varnothing$.							
19 20	25	22 43	22 55	10 29	21 30		$\varnothing \square \delta$ 150 ψ , $P. \delta$, $P. \square$.							
20 20	12	22 24	22 55	10 33	5 ϖ 21		$\odot \square \varnothing$, $\odot \square \varnothing$, $\varnothing P. \psi$.							
21 19	59	22 5	22 55	10 37	19 29		$\odot \delta \varnothing$ (Sup.) 14, 43. $\varnothing \square \varnothing$, $\varnothing \square \varnothing$.							
22 19	46	21 43	22 53	10 42	3 ϖ 47		$\varnothing Bq. \psi$.							
23 19	32	21 20	22 52	10 46	18 10		$\odot Bq. \psi$.							
24 19	18	20 56	22 49	10 51	2 ϖ 33		$\varnothing Bq. \delta$. $\varnothing \delta \square$ 9 2.							
25 19	4	20 30	22 46	10 56	16 51		$\odot Bq. \delta$. $\varnothing \Delta \delta$ 5 33.							
26 18	49	20 2	22 42	11 2	18 2		$\varnothing P. \square$.							
27 18	33	19 33	22 37	11 8	15 3		$\varnothing 150 \delta$, $\varnothing \square \delta$, $\square \psi$.							
28 18	18	19 2	22 32	11 14	28 55		$\varnothing \square \varnothing$, $\delta \Delta \delta$ 12 15.							
29 18	2	18 30	22 26	11 20	12 II 37		$\varnothing \square \varnothing$ 22 19. $\varnothing P. \delta$, $\varnothing \square \varnothing$ 17H.							
30 17	46	17 57	22 19	11 26	26 II		$\odot 150 \delta$, $P. \varnothing$, $\varnothing \square \varnothing$.							
31 17	29	17 21	22 12	11 33	9 ϖ 35		$\odot \square \varnothing$, $\square \psi$, $\varnothing P. \psi$.							
32 17	13	16 45	22 4	11 40	22 48									

FEBRUARY, 1901

D M	MOON'S DECLINATION					MOON'S LATIT.		D M	MOON'S DECLINATION					MOON'S LATIT.	
	Noon	6 hrs.	Midnt.	18 hrs.	Noon	Midnt.	Noon	6 hrs.	Midnt.	18 hrs.	Noon	Midnt.	Noon	Midnt.	
1	18N48	18N11	17N31	16N48	3S42	4S 4	16	17S29	16S44	15S55	15S 3	4N 8	4 26		
2	16 I	15 12	14 20	13 26	4 22	4 37	17	14 7	13 7	12 4	10 59	4 41	4 52		
3	12 30	11 32	10 32	9 31	4 49	4 56	18	9 50	8 39	7 26	6 11	4 59	5 0		
4	8 29	7 25	6 21	5 16	5 0	5 0	19	4S55	3S37	2S18	0S58	4 57	4 49		
5	4N10	3N 4	1N58	0N52	4 57	4 50	20	0N22	1N42	3N 1	4 20	4 35	4 18		
6	0S14	1S20	2S25	3S30	4 40	4 26	21	5 38	6 54	8 9	9 22	3 55	3 29		
7	4 34	5 37	6 39	7 40	4 10	3 51	22	10 33	11 40	12 46	13 47	3 0	2 27		
8	8 40	9 38	10 35	11 30	3 30	3 6	23	14 46	15 41	16 32	17 19	1 53	1 17		
9	12 24	13 16	14 6	14 53	2 41	2 14	24	18 2	18 41	19 15	19 44	0N40	0N 3		
10	15 39	16 22	17 2	17 40	1 45	1 15	25	20 9	20 29	20 45	20 55	0S34	1S10		
11	18 16	18 48	19 18	19 44	0S44	0S13	26	21 1	21 3	20 59	20 52	1 44	2 17		
12	20 7	20 26	20 43	20 55	0N19	0N51	27	20 39	20 23	20 2	19 38	2 48	3 16		
13	21 4	21 8	21 9	21 6	1 23	1 55	28	19 9	18 37	18 2	17 23	3 41	4 3		
14	20 59	20 47	20 32	20 12	2 25	2 54	29	16 41	15 56	15 9	14 19	4 21	4 36		
15	19 48	19 19	18 47	18 10	3 21	3 46									
D M	D W	SIDEREAL TIME			LONGITUDES										
		○	D	��	♀	♂	☿	♃	♄	♅	♆	♇	♈	♉	
1	F	H 20 43 59.3	M 11 58 21	S 16 13	19 27	19 58	10m 7	2 44	11 18	15 52	26 II 46				
2	S	20 47 55.9	12 59 12	29 21	21 14	21 13	9R 52	2 56	11 24	15 55	26 45				
3	ঢ	20 51 52.4	14 0 2	12 17	23 0	22 28	9 36	3 8	11 31	15 57	26 44				
4	M	20 55 49.0	15 0 51	25 1	24 47	23 43	9 19	3 20	11 37	15 59	26 43				
5	Tu	20 59 45.5	16 1 38	7m 30	26 34	24 57	9 2	3 32	11 43	16 2	26 42				
6	W	21 3 42.1	17 2 25	19 47	28 20	26 12	8 44	3 44	11 50	16 4	26 41				
7	Th	21 7 38.6	18 3 10	1 52	0 6	27 27	8 25	3 55	1 56	16 6	26 40				
8	F	21 11 35.2	19 3 54	13 47	1 51	28 42	8 6	4 7	12 2	16 8	26 39				
9	S	21 15 31.7	20 4 37	25 37	3 35	29 57	7 46	4 19	12 8	16 10	26 39				
10	ঢ	21 19 28.3	21 5 19	7m 25	5 18	1 11	7 25	4 30	12 14	16 12	26 38				
11	M	21 23 24.8	22 6 0	19 17	6 59	2 26	7 5	4 41	12 20	16 14	26 37				
12	Tu	21 27 21.4	23 6 40	1 18	8 37	3 41	6 43	4 53	12 26	16 16	26 36				
13	W	21 31 18.0	24 7 19	13 34	10 13	4 56	6 21	5 4	12 32	16 18	26 35				
14	Th	21 35 14.6	25 7 56	26 10	11 45	6 11	5 59	5 15	12 38	16 20	26 35				
15	F	21 39 11.1	26 8 32	9m 11	13 14	7 25	5 36	5 26	12 44	16 22	26 34				
16	S	21 43 7.6	27 9 7	22 38	14 38	8 40	5 13	5 37	12 49	16 24	26 33				
17	ঢ	21 47 4.2	28 9 41	6m 32	15 56	9 55	4 50	5 48	12 55	16 25	26 33				
18	M	21 51 0.7	29 10 13	20 50	17 9	11 10	4 27	5 59	13 1	16 27	26 32				
19	Tu	21 54 57.3	0 10 43	5m 28	18 15	12 25	4 3	6 9	13 6	16 29	26 31				
20	W	21 58 53.8	1 11 12	20 16	19 13	13 39	3 39	6 20	13 12	16 30	26 31				
21	Th	22 2 50.4	2 11 39	5m 7	20 5	14 54	3 16	6 30	13 17	16 32	26 30				
22	F	22 6 46.9	3 12 5	19 52	20 48	16 9	2 52	6 41	13 23	16 33	26 30				
23	S	22 10 43.5	4 12 28	4 25	21 22	17 24	2 28	6 51	13 28	16 35	26 29				
24	ঢ	22 14 40.0	5 12 50	18 42	21 46	18 39	2 4	7 1	13 33	16 36	26 29				
25	M	22 18 36.6	6 13 9	2 11	1 19	19 53	1 40	7 11	13 38	16 38	26 29				
26	Tu	22 22 33.2	7 13 26	16 23	22R 6	21 8	1 17	7 21	13 44	16 39	26 28				
27	W	22 26 29.7	8 13 42	29 49	22 1	22 23	0 53	7 31	13 49	16 40	26 28				
28	Th	22 30 26.3	9 13 55	1 20	21 47	23 38	0 30	7 41	13 54	16 41	26 28				
29	F	22 34 22.8	10 14 6	25 59	21 24	24 52	0 7	7 50	13 59	16 42	26 27				

FEBRUARY, 1901

D M	DECLINATIONS				LATITUDES				MOON'S NODE			
	α	δ	H°	Ψ	γ	ϑ	δ	α	δ	H°	Ψ	α
1 23 N 9	22 S 24	22 S 42	22 N 11	I S 51	O S 6	4 N 12	O N 16	O N 34	O N 0	I S 14	28 m 9	
3 23 9	22 23	22 42	22 II	I 42	O 11	4 15	O 16	O 34	O 0	I 14	28 3	
5 23 8	22 22	22 43	22 II	I 30	O 17	4 18	O 16	O 34	O 0	I 14	27 57	
7 23 8	22 21	22 43	22 II	I 16	O 22	4 20	O 16	O 34	O 0	I 14	27 50	
9 23 7	22 20	22 44	22 II	O 59	O 27	4 22	O 16	O 34	O 0	I 14	27 44	
II 23 7	22 19	22 44	22 II	O 39	O 31	4 23	O 15	O 34	O 0	I 14	27 38	
I 3 23 6	22 18	22 45	22 II	O S 16	O 36	4 24	O 15	O 34	O N 0	I 13	27 31	
I 5 23 5	22 17	22 45	22 II	O N 10	O 41	4 25	O 15	O 34	O S 0	I 13	27 25	
I 7 23 4	22 16	22 46	22 II	O 38	O 45	4 26	O 15	O 34	O 0	I 13	27 19	
I 9 23 4	22 15	22 46	22 II	I 7	O 49	4 26	O 15	O 34	O 0	I 13	27 12	
21 23 3	22 14	22 46	22 II	I 38	O 53	4 25	O 15	O 34	O 0	I 13	27 6	
23 23 2	22 13	22 47	22 II	2 8	O 57	4 24	O 15	O 33	O 0	I 13	27 0	
25 23 1	22 12	22 47	22 II	2 36	I 1	4 23	O 15	O 33	O 0	I 13	26 53	
27 23 0	22 11	22 47	22 II	3 I	I 4	4 21	O 14	O 33	O 0	I 13	26 47	
28 22 59	22 10	22 47	22 II	3 12	I 6	4 20	O 14	O 33	O 0	I 13	26 44	
29 22 59	22 10	22 47	22 II	3 22	I 7	4 19	O 14	O 33	O 0	I 13	26 41	
D M	DECLINATIONS				D LONG. MIDNIGHT	MUTUAL ASPECTS						
	\odot	γ	ϑ	δ								
1 17 S 13	16 S 45	22 S 4	11 N 40	22 ∞ 48		$\gamma \vee \vartheta.$						
2 16 55	16 7	21 55	11 47	5 ∞ 51								
3 16 38	15 27	21 46	11 55	18 41								
4 16 20	14 47	21 36	12 2	1 m 17		$\odot * \text{H} 23.58. \gamma \square \delta.$						
5 16 2	14 5	21 25	12 10	13 40		$\gamma \angle \vartheta, Q. \text{H}. \gamma \Delta \Psi I 52.$						
6 15 44	13 22	21 14	12 18	25 51		$\gamma 150 \Psi. \delta Q. \Psi.$						
7 15 26	12 37	21 2	12 26	7 ∞ 50		$\gamma P. \delta.$						
8 15 7	11 52	20 49	12 34	19 42		$\odot \angle \gamma.$						
9 14 48	11 7	20 36	12 42	1 m 31		$\gamma * \gamma 11.22.$						
10 14 29	10 20	20 22	12 51	13 20		$\gamma Bq. \delta, \angle \Psi.$						
11 14 9	9 33	20 8	12 59	25 16		$\gamma Bq. \Psi. \gamma \delta \vartheta I 10.$						
12 13 49	8 46	19 53	13 8	7 ∞ 24		$\odot P. \delta. \gamma 150 \delta, \gamma \gamma.$						
13 13 29	7 59	19 37	13 17	19 49		$\gamma * \gamma 15.16. \gamma \text{ in } \gamma 6. \text{H. H. in } \gamma 13. \gamma.$						
14 13 9	7 13	19 21	13 25	2 ∞ 37		$\odot \Delta \Psi 9.56. \delta \Delta \gamma 7.21.$						
15 12 49	6 27	19 5	13 34	15 51								
16 12 28	5 42	18 47	13 43	29 31		$\odot \angle \gamma.$						
17 12 7	4 58	18 30	13 52	13 ∞ 38		$\odot Q. \Psi.$						
18 11 46	4 17	18 11	14 0	28 7		$\gamma Q. \gamma. \gamma \square \Psi. \gamma \text{ in perihelion } 21. \text{H.}$						
19 11 25	3 37	17 52	14 9	12 ∞ 51		$\gamma \gamma \gamma. \gamma \text{ greatest elongation } 18.6' \text{ E. } 10. \text{H.}$						
20 11 3	3 0	17 33	14 17	27 42								
21 10 42	2 26	17 13	14 26	12 ∞ 31		$\odot \gamma \delta 18.12.$						
22 10 20	1 55	16 53	14 34	27 10		$\gamma * \text{H} 7.58.$						
23 9 58	1 28	16 32	14 43	11 8 36		$\delta \text{ in aphelion } 20. \text{H.}$						
24 9 36	1 5	16 11	14 51	25 44		$\gamma \text{ stationary } 10. \text{H. } \gamma P. \Psi 21.44.$						
25 9 14	0 47	15 49	14 59	9 II 34								
26 8 52	0 33	15 27	15 6	23 8		$\odot * \gamma 3.37. \gamma \vee \gamma. \gamma P. \delta.$						
27 8 29	0 23	15 4	15 14	6 ∞ 26		$\gamma \angle \gamma.$						
28 8 7	0 19	14 41	15 21	19 31								
27 7 44	0 20	14 18	15 28	2 ∞ 24								

MARCH, 1901

MOON'S DECLINATION							MOON'S LATIT.							MOON'S DECLINATION							MOON'S LATIT.						
D	M	Noon	6 hrs.	Midnt.	18 hrs.		Noon	Midnt.		D	M	Noon	6 hrs.	Midnt.	18 hrs.		Noon	Midnt.			Noon	Midnt.					
1	16	N41	15N 56	15N 9	14N 19	4S 21	4S 36	17	11 S41	10 S37	9S 29	8S 19	5N 1	5N 5													
2	13	26	12 32	11 36	10 38	4 48	4 56	18	7 7	5 52	4 36	3 19	5 4	4 59													
3	9	38	8 38	7 36	6 33	5 0	5 1	19	2 S0	0 S41	0 N39	1 N59	4 48	4 32													
4	5	29	4 25	3N 20	2N 15	4 58	4 52	20	3N 19	4 N39	5 57	7 14	4 12	3 47													
5	1	N10	0N 5	1S 0	2 S 5	4 42	4 29	21	8 30	9 43	10 54	12 2	3 17	2 45													
6	3	S 9	4 S 12	5 15	6 17	4 13	3 54	22	13 7	14 9	15 7	16 1	2 9	1 32													
7	7	18	8 17	9 16	10 12	3 33	3 10	23	16 51	17 36	18 17	18 53	0 N53	0 N14													
8	11	7	12 1	12 53	13 43	2 44	2 17	24	19 24	19 51	20 12	20 29	0 S25	1 S 4													
9	14	30	15 16	15 59	16 39	1 49	1 19	25	20 40	20 46	20 48	20 45	1 40	2 15													
10	17	18	17 53	18 25	18 55	0 S 48	0 S 16	26	20 37	20 25	20 8	19 47	2 47	3 17													
11	19	22	19 45	20 5	20 22	0 N15	0 N47	27	19 22	18 54	18 21	17 46	3 43	4 6													
12	20	35	20 45	20 51	20 54	1 19	1 50	28	17 7	16 25	15 41	14 54	4 26	4 42													
13	20	52	20 47	20 38	20 25	2 20	2 48	29	14 4	13 12	12 19	11 23	4 54	5 3													
14	20	8	19 47	19 21	18 52	3 15	3 41	30	10 26	9 28	8 28	7 27	5 7	5 9													
15	18	19	17 43	17 2	16 17	4 3	4 23	31	6 26	5 23	4 20	3 N16	5 6	5 0													
16	15	29	14 37	13 42	12 43	4 40	4 52	32	2 N13	1 N 9	0 N 5	0 S 59	4 51	4 39													
D	D	SIDEREAL TIME							○	○	○	○	○	○	○	○	○	○	○	○	○	○					
M	W	H	M	S	o	'	"	o	'	o	'	o	'	o	'	o	'	o	'	o	'	o	'				
1	F	22	34	22.8	10	*14	6	25	59	21	*24	24	=52	0	7	7	50	13	59	16	42	26	27				
2	S	22	38	19.4	11	14	16	8	46	20	R52	26	7	29	0	44	8	0	14	4	16	44	26R27				
3	≡	22	42	15.9	12	14	23	21	23	20	12	27	22	29	R22	8	9	14	8	16	45	26	27				
4	M	22	46	12.5	13	14	28	3	49	19	26	28	36	29	0	8	18	14	13	16	46	26	27				
5	Tu	22	50	9.0	14	14	32	16	5	18	35	29	51	28	39	8	28	14	18	16	46	26	27				
6	W	22	54	5.6	15	14	33	28	12	17	39	1	*6	28	18	8	37	14	22	16	47	26	27				
7	Th	22	58	2.1	16	14	33	10	10	16	40	2	20	27	57	8	45	14	27	16	48	26	27				
8	F	23	1	58.7	17	14	31	22	2	15	40	3	35	27	38	8	54	14	31	16	49	26	27				
9	S	23	5	55.2	18	14	27	3	50	14	40	4	50	27	18	9	3	14	36	16	50	26D27					
10	≡	23	9	51.8	19	14	22	15	38	13	42	6	4	26	59	9	12	14	40	16	50	26	27				
11	M	23	13	48.3	20	14	15	27	29	12	45	7	19	26	41	9	20	14	44	16	51	26	27				
12	Tu	23	17	44.9	21	14	6	9	29.	11	53	8	34	26	23	9	28	14	48	16	51	26	27				
13	W	23	21	41.4	22	13	55	21	43	11	5	9	48	26	7	9	36	14	52	16	52	26	27				
14	Th	23	25	38.0	23	13	43	4	16	10	21	11	3	25	50	9	44	14	56	16	52	26	27				
15	F	23	29	34.5	24	13	29	17	12	9	44	12	18	25	35	9	52	15	0	16	53	26	28				
16	S	23	33	31.1	25	13	13	0	=37	9	12	13	32	25	20	10	0	15	4	16	53	26	28				
17	≡	23	37	27.6	26	12	55	14	30	8	47	14	47	25	6	10	8	15	8	16	53	26	28				
18	M	23	41	24.2	27	12	36	28	52	8	28	16	1	24	52	10	15	15	12	16	54	26	28				
19	Tu	23	45	20.8	28	12	15	13	*39	8	15	17	16	24	40	10	22	15	15	16	54	26	29				
20	W	23	49	17.3	29	11	52	28	41	8	9	18	31	24	28	10	30	15	19	16	54	26	29				
21	Th	23	53	13.9	27	11	47	13	51	0	0	19	45	24	17	10	37	15	22	16	54	26	30				
22	F	23	57	10.4	1	10	59	28	57	8D	13	21	0	24	6	10	44	15	25	16	54	26	30				
23	S	0	1	7.0	2	10	30	13	851	8	24	22	14	23	57	10	50	15	29	16B54	26	31					
24	≡	0	5	3.5	3	9	58	28	26	8	40	23	29	23	48	10	57	15	32	16	54	26	31				
25	M	0	9	0.1	4	9	24	12	II 39	9	1	24	43	23	40	11	3	15	35	16	54	26	32				
26	Tu	0	12	56.6	5	8	48	26	28	9	27	25	58	23	33	11	10	15	38	16	54	26	32				
27	W	0	16	53.2	6	8	9	9	55	9	57	27	12	23	27	11	16	15	41	16	53	26	33				
28	Th	0	20	49.7	7	7	28	23	2	10	32	28	27	23	21	11	22	15	43	16	53	26	34				
29	F	0	24	46.3	8	6	45	5	0.51	11	11	20	41	23	16	11	28	15	46	16	53	26	34				
30	S	0	28	42.8	9	5	59	18	25	11	53	0	56	23	12	11	33	15	49	16	52	26	35				
31	≡	0	32	39.4	10	5	11	0	47	12	40	2	10	23	9	11	39	15	51	16	52	26	36				
32	M	0	36	35.9	11	4	21	12	59	13	29	3	24	23	7	11	44	15	54	16	52	26	37				

MARCH, 1901

D M	DECLINATIONS				LATITUDES								MOON'S NODE
	α	δ	$\text{H}\delta$	Ψ	γ	ϑ	δ	α	δ	$\text{H}\delta$	Ψ		
1	22 S 59	22 10	22 S 47	22 N 12	3 N 22	1 S 7	4 N 19	0 N 14	0 N 33	0 S 0	1 S 13	26 m 41	
3	22 58	22 9	22 48	22 12	3 35	1 10	4 17	0 14	0 33	0 0	1 13	26 34	
5	22 57	22 8	22 48	22 12	3 41	1 13	4 14	0 14	0 33	0 0	1 13	26 28	
7	22 56	22 7	22 48	22 12	3 38	1 16	4 10	0 14	0 33	0 0	1 12	26 21	
9	22 55	22 6	22 48	22 12	3 28	1 18	4 7	0 14	0 33	0 0	1 12	26 15	
11	22 54	22 5	22 48	22 12	3 10	1 20	4 3	0 14	0 33	0 0	1 12	26 9	
13	22 53	22 4	22 48	22 12	2 46	1 22	3 59	0 13	0 33	0 0	1 12	26 2	
15	22 52	22 4	22 48	22 12	2 19	1 23	3 55	0 13	0 33	0 0	1 12	25 56	
17	22 51	22 3	22 49	22 12	1 50	1 25	3 50	0 13	0 33	0 0	1 12	25 50	
19	22 50	22 2	22 49	22 12	1 20	1 26	3 46	0 13	0 33	0 0	1 12	25 43	
21	22 49	22 1	22 49	22 13	0 51	1 27	3 41	0 13	0 33	0 0	1 12	25 37	
23	22 48	22 1	22 49	22 13	0 N 22	1 27	3 36	0 13	0 33	0 0	1 12	25 31	
25	22 47	22 0	22 49	22 13	0 S 5	1 27	3 31	0 13	0 33	0 0	1 12	25 24	
27	22 46	21 59	22 49	22 13	0 31	1 27	3 26	0 12	0 33	0 0	1 11	25 18	
29	22 45	21 59	22 49	22 13	0 53	1 27	3 21	0 12	0 33	0 0	1 11	25 12	
31	22 44	21 58	22 49	22 13	1 14	1 26	3 16	0 12	0 33	0 0	1 11	25 5	
32	22 44	21 58	22 49	22 13	1 23	1 26	3 14	0 12	0 33	0 0	1 11	25 2	
D M	DECLINATIONS				LONG. MIDNIGHT	MUTUAL ASPECTS							
\odot	γ	ϑ	δ										
1	7 44	0 S 20	14 S 18	15 N 28	2 24								
2	7 21	0 25	13 54	15 35	15 6	$\vartheta \Delta \Psi$ 6 28.							
3	6 58	0 35	13 30	15 42	27 37	$\delta \square h$.							
4	6 35	0 49	13 5	15 48	9 m 58	$\vartheta \& \delta$ 5 59. $\vartheta \& h$, Q. H.							
5	6 12	1 8	12 40	15 55	12 9	$\odot * h$ 1 23. ϑ in aphelion 6H.							
6	5 49	1 30	12 15	16 0	4 \pm 12								
7	5 26	1 55	11 49	16 6	16 7	$\odot \square \text{H}$ 13 37. $\odot \delta \& \gamma$ 5 8. (Inf.) Ψ stat. 19H.							
8	5 3	2 22	11 23	16 12	27 57	$\vartheta * h$ 1 45.							
9	4 39	2 51	10 57	16 17	9 m 44								
10	4 16	3 21	10 31	16 21	11 33								
11	3 52	3 51	10 4	16 26	3 \pm 28	$\delta * \Psi$ 19 11. $\odot P. \& \gamma$ 0 32.							
12	3 29	4 21	9 37	16 39	15 34	$\odot Q. \&$. $\vartheta * \gamma$ 19 39.							
13	3 5	4 51	9 10	16 34	27 57	$\vartheta \& \gamma$ 15 33.							
14	2 41	5 19	8 42	16 38	10 m 41	$\vartheta * \gamma$ 19 39.							
15	2 18	5 46	8 14	16 41	23 51								
16	1 54	6 12	7 46	16 44	7 \pm 30	\odot 150 δ . $\delta \& \gamma$.							
17	1 30	6 35	7 18	16 47	21 38	$\odot \square \Psi$ 6 10. $\odot Q. h$. $\vartheta * h$ 7 6. $\vartheta P. \&$							
18	1 7	6 56	6 49	16 49	6 \times 13	$\vartheta \square$ 16 51.							
19	0 43	7 14	6 21	16 51	21 8	ϑ stationary 19H.							
20	0 S 19	7 31	5 52	16 53	6 m 16	\odot enters Aries. Spring commences 19H. 23'4M.							
21	0 N 5	7 45	5 23	16 55	21 25	$\gamma P. \text{H}$ 2 56.							
22	0 28	7 56	4 54	16 56	6 8 26	\odot Bq. δ . H stationary. O.H.							
23	0 52	8 5	4 25	16 57	21 11	$\vartheta Q. \&$.							
24	1 16	8 12	3 55	16 57	5 m 36	ϑ 150 δ . ϑ in γ 15H.							
25	1 39	8 16	3 26	16 58	19 37								
26	2 3	8 18	2 56	16 58	3 m 15	$\vartheta \square$ 11 12.							
27	2 26	8 18	2 27	16 57	16 31	$\odot P. \& \gamma$ 0 14. $\vartheta Q. h$.							
28	2 50	8 16	1 57	16 57	29 28	ϑ Bq. δ .							
29	3 13	8 11	1 27	16 56	12 m 9	$\odot \square \delta$ 3 39. $\vartheta * \gamma$ 11 2.							
30	3 37	8 5	0 57	16 55	24 37								
31	4 0	7 56	0 S 28	16 54	6 m 54								
32	4 23	7 46	0 N 2	16 52	19 1								

APRIL, 1901

		MOON'S DECLINATION				MOON'S LATIT.		MOON'S DECLINATION				MOON'S LATIT.			
D	M	Noon	6 hrs.	Midnt.	18 hrs.	Noon	Midnt.	D	M	Noon	6 hrs.	Midnt.	18 hrs.	Noon	Midnt.
1	2	2 N 13	1 N 9	0 N 5	0 S 59	4 S 51	4 S 39	17	6 N 10	7 N 27	8 N 41	9 N 54	3 N 46	3 N 15	
2	2	2 S 3	3 S 6	4 S 9	5 11	4 23	4 5	18	11 4	12 12	13 17	14 18	2 41	2 3	
3	6	12	7 12	8 11	9 8	3 44	3 20	19	15 16	16 15	16 59	17 44	1 24	0 N 43	
4	10	5	11 0	11 53	12 44	2 55	2 27	20	18 24	18 59	19 29	19 53	0 N 2	0 S 40	
5	13	33	14 21	15 6	15 49	1 58	1 28	21	20 13	20 27	20 36	20 40	1 S 20	1 58	
6	16	29	17 7	17 42	18 14	0 S 56	0 S 25	22	20 38	20 32	20 20	20 4	2 33	3 6	
7	18	44	19 10	19 33	19 53	0 N 8	0 N 40	23	19 44	19 19	18 51	18 18	3 36	4 2	
8	20	10	20 23	20 33	20 39	1 12	1 44	24	17 42	17 3	16 21	15 36	4 24	4 42	
9	20	42	20 41	20 36	20 28	2 14	2 44	25	14 48	13 58	13 6	12 12	4 57	5 7	
10	20	15	19 59	19 40	19 16	3 12	3 37	26	11 16	10 19	9 20	8 20	5 14	5 16	
11	18	49	18 18	17 43	17 5	4 1	4 22	27	7 19	6 18	5 15	4 N 12	5 15	5 10	
12	16	24	15 38	15 50	13 58	4 40	4 54	28	3 N 9	2 N 6	1 N 2	0 S 2	5 2	4 50	
13	13	3	12 5	11 4	10 1	5 5	5 11	29	1 S 5	2 S 8	3 S 11	4 13	4 36	4 18	
14	8	55	7 47	6 36	5 24	5 14	5 11	30	5 14	6 14	7 14	8 12	3 58	3 35	
15	4	S 10	2 S 54	1 S 37	0 S 20	5 4	4 52	31	9 10	10 6	11 0	11 53	3 10	2 42	
16	o	N 58	2 N 17	3 N 35	4 N 53	4 35	4 12								
D	M	D	W	SIDEREAL TIME			LONGITUDES								
D	M	H	M	S	o	'	o	'	o	'	o	'	o	'	
1	M	0	36	35.9	11	17	4	21	12	17	13	29	3	24	
2	Tu	0	40	32.5	12	3	29	25	2	14	22	4	39	23	
3	W	0	44	29.0	13	2	34	6	59	15	18	5	53	23	
4	Th	0	48	25.6	14	1	38	18	52	16	17	7	8	23	
5	F	0	52	22.1	15	0	39	0	11	41	17	18	8	22	
6	S	0	56	18.7	15	59	39	12	29	18	22	9	36	23	
7		1	0	15.2	16	58	36	24	19	19	29	10	51	23	
8	M	1	4	11.8	17	57	32	6	13	20	38	12	5	23	
9	Tu	1	8	8.4	18	56	26	18	15	21	49	13	19	23	
10	W	1	12	4.9	19	55	18	0	13	23	3	14	34	23	
11	Th	1	16	1.5	20	54	8	13	2	24	19	15	48	23	
12	F	1	19	58.0	21	52	57	25	56	25	37	17	2	23	
13	S	1	23	54.6	22	51	44	9	14	26	56	18	16	23	
14		1	27	51.1	23	50	29	22	59	28	18	19	31	23	
15	M	1	31	47.7	24	49	13	7	13	29	42	20	45	23	
16	Tu	1	35	44.2	25	47	54	21	52	1	17	7	21	23	
17	W	1	39	40.8	26	46	34	6	17	2	35	23	13	24	
18	Th	1	43	37.3	27	45	13	22	2	4	4	24	28	24	
19	F	1	47	33.9	28	43	49	7	8	16	5	35	25	42	
20	S	1	51	30.4	29	42	23	22	2	26	50	24	33	26	
21		1	55	27.0	0	8	40	56	7	11	2	8	42	28	
22	M	1	59	23.5	1	39	26	21	39	10	18	29	24	56	
23	Tu	2	3	20.1	2	37	54	5	18	11	56	0	38	25	
24	W	2	7	16.6	3	36	20	19	17	13	35	1	53	25	
25	Th	2	11	13.2	4	34	44	2	28	15	17	3	7	25	
26	F	2	15	9.8	5	33	5	15	17	17	0	4	21	25	
27	S	2	19	6.3	6	31	25	27	47	18	45	5	35	26	
28		2	23	2.9	7	29	42	10	17	20	31	6	49	26	
29	M	2	26	52.4	8	27	58	22	6	22	20	8	3	30	
30	Tu	2	30	56.0	9	26	11	4	1	24	10	9	17	26	
31	W	2	34	52.5	10	24	23	15	52	26	2	10	31	27	

APRIL, 1901

D M	DECLINATIONS				LATITUDES								MOON'S NODE
	α	δ	β	ψ	γ	δ	σ	α	β	γ	ψ		
1	22 44	21 58	22 49	22 N13	1 S23	1 S26	3 N14	0 N12	0 N33	0 S 0	1 S11	25 m 2	
3	22 43	21 57	22 48	22 13	1 40	1 25	3 9	0 12	0 32	0 0	1 II	24 56	
5	22 42	21 57	22 48	22 14	1 55	1 24	3 4	0 12	0 32	0 1	1 II	24 49	
7	22 42	21 57	22 48	22 14	2 8	1 22	2 59	0 12	0 32	0 1	1 II	24 43	
9	22 41	21 56	22 48	22 14	2 18	1 21	2 54	0 11	0 32	0 1	1 II	24 37	
II	22 41	21 56	22 48	22 14	2 27	1 19	2 49	0 II	0 32	0 1	1 II	24 30	
13	22 40	21 56	22 48	22 14	2 33	1 17	2 45	0 II	0 32	0 1	1 II	24 24	
15	22 40	21 55	22 47	22 14	2 37	1 15	2 40	0 II	0 32	0 1	1 II	24 18	
17	22 39	21 55	22 47	22 14	2 39	1 12	2 35	0 II	0 32	0 1	1 II	24 11	
19	22 39	21 55	22 47	22 15	2 39	1 9	2 31	0 II	0 32	0 1	1 II	24 5	
21	22 39	21 55	22 47	22 15	2 36	1 6	2 26	0 II	0 32	0 1	1 II	23 58	
23	22 39	21 55	22 46	22 15	2 31	1 3	2 22	0 II	0 32	0 1	1 II	23 52	
25	22 39	21 55	22 46	22 15	2 25	1 0	2 18	0 II	0 32	0 1	1 II	23 46	
27	22 39	21 55	22 46	22 15	2 16	0 57	2 14	0 II	0 32	0 1	1 II	23 39	
29	22 39	21 55	22 46	22 15	2 5	0 53	2 10	0 II	0 32	0 1	1 II	23 33	
31	22 39	21 55	22 45	22 15	1 52	0 49	2 6	0 II	0 32	0 1	1 II	23 27	
D M	DECLINATIONS				LONG. MIDNIGHT	MUTUAL ASPECTS, ETC.							
D M	\odot	α	δ	β	σ								
1	4 N23	7 S46	0 N 2	16 N52	19 m 1	$\odot \square \alpha 17 43$							
2	4 46	7 34	0 32	16 51	1 m 2	[α in aphelion 20H							
3	5 9	7 20	1 2	16 49	12 56	$\alpha * \beta 17 8$. α greatest elongation $27^{\circ}48'$ W. 18H.							
4	5 32	7 4	1 32	16 46	24 47	$\odot Q. \Psi$. $\Psi \square \beta 12 44$. $\Psi \square \delta$. δ stationary 23H.							
5	5 55	6 47	2 2	16 44	6 m 35								
6	6 18	6 28	2 32	16 41	18 23	$\odot \square \beta 2 3$. $\square \beta, 19 32$. P. $\Psi, 5 45$.							
7	6 40	6 7	3 2	16 38	0 15	$\Psi \square \alpha 4 6$.							
8	7 3	5 45	3 31	16 35	12 13	$\Psi Q. \Psi$. $\Psi P. \Psi$.							
9	7 25	5 22	4 1	16 31	24 21								
10	7 48	4 57	4 31	16 28	6 m 44								
11	8 10	4 30	5 0	16 24	19 26	$\Psi Q. \Psi$. $\Psi \square \beta 8 15$. $\Psi \Delta \beta 17 50$.							
12	8 32	4 2	5 30	16 20	2 m 31	$\Psi \square \Psi 21 44$.							
13	8 54	3 33	5 59	16 16	16 3	$\odot \Delta \delta 19 19$. $\Psi Q. \beta$.							
14	9 15	3 3	6 28	16 11	0 m 3								
15	9 37	2 31	6 57	16 7	14 29								
16	9 58	1 58	7 26	16 2	29 19	$\odot * \Psi 2 57$. $\Psi \Delta \delta 18 41$.							
17	10 20	1 24	7 55	15 57	14 m 26								
18	10 41	0 49	8 23	15 52	29 40	$\Psi \square \delta$. $\Psi * \Psi 0 33$.							
19	11 2	0 S12	8 51	15 46	14 8 51								
20	11 22	0 N25	9 20	15 41	29 50								
21	11 43	1 4	9 48	15 35	14 II 29	$\beta \square \beta 20 15$.							
22	12 3	1 44	10 15	15 29	28 44	$\Psi \square \alpha 15 17$. $\Psi \square \beta$.							
23	12 24	2 24	10 43	15 23	12 m 32	$\Psi Q. \Psi$.							
24	12 43	3 5	11 10	15 17	25 55	$\Psi \square \beta 15 33$. $\Psi \Delta \beta 15 45$. β stationary 17H.							
25	13 3	3 48	11 37	15 10	8 m 55								
26	13 23	4 31	12 4	15 4	21 34	$\beta \square \beta$.							
27	13 42	5 15	12 30	14 57	3 m 56	$\odot P. \delta 21 47$							
28	14 1	6 0	12 56	14 50	16 5	$\odot \delta \Psi (Sup.) 14 22$. $\odot Bq. \beta$. $\Psi Bq. \beta$. Ψ stationary 10H.							
29	14 20	6 46	13 22	14 43	28 4								
30	14 39	7 32	13 47	14 36	9 m 57								
31	14 57	8 19	14 12	14 28	21 47								

MAY, 1901

D M	MOON'S DECLINATION				MOON'S LATIT.		D M	MOON'S DECLINATION				MOON'S LATIT.	
	Noon	6 hrs.	Midnt.	18 hrs.	Noon	Midnt.		Noon	6 hrs.	Midnt.	18 hrs.	Noon	Midnt.
1	9 S 10	10 S 6	11 S 0	11 S 53	3 S 10	2 S 42	17	17 N 7	17 N 51	18 N 30	19 N 4	0 N 39	0 S 3
2	12 44	13 33	14 20	15 5	2 14	1 43	18	19 33	19 57	20 16	20 29	0 S 44	1 25
3	15 48	16 28	17 5	17 40	1 12	0 S 39	19	20 36	20 38	20 35	20 27	2 4	2 40
4	18 13	18 42	19 8	19 31	0 S 7	0 N 26	20	20 14	19 56	19 33	19 6	3 13	3 43
5	19 51	20 7	20 20	20 30	0 N 59	1 32	21	18 34	17 59	17 20	16 38	4 9	4 31
6	20 36	20 38	20 37	20 32	2 3	2 34	22	15 53	15 5	14 14	13 21	4 49	5 2
7	20 23	20 11	19 55	19 35	3 2	3 29	23	12 26	11 30	10 31	9 32	5 11	5 16
8	19 12	18 45	18 14	17 40	3 54	4 16	24	8 31	7 29	6 26	5 23	5 17	5 14
9	17 2	16 22	15 38	14 50	4 35	4 51	25	4 20	3 N 16	2 N 12	1 N 7	5 8	4 58
10	14 0	13 7	12 11	11 13	5 4	5 13	26	0 N 3	1 S 0	2 S 4	3 S 7	4 45	4 28
11	10 12	9 8	8 3	6 55	5 17	5 17	27	4 S 9	5 10	6 11	7 11	4 9	3 48
12	5 46	4 S 35	3 S 23	2 S 9	5 13	5 4	28	8 0	9 6	10 2	10 57	3 24	2 57
13	0 S 55	0 N 21	1 N 36	2 N 52	4 51	4 33	29	11 50	12 41	13 30	14 17	2 29	2 0
14	4 N 8	5 23	6 38	7 51	4 10	3 43	30	15 2	15 45	16 26	17 3	1 29	0 S 57
15	9 3	10 14	11 22	12 28	3 12	2 37	31	17 39	18 11	18 41	19 7	0 S 24	0 N 9
16	13 31	14 30	15 27	16 19	2 0	1 20	32	19 31	19 51	20 8	20 21	0 N 42	1 14
D M	D W	SIDEREAL TIME				○	☽	☽	☽	☽	☽	LONGITUDES	
		H	M	S		○	☽	☽	☽	☽	☽	○	☽
1	W	2	34	52.5	10 8 24 23	15 52	26 2	10 8 31	27 0 2	13 23 3	16 13 22	16 4 15	27 II 14
2	Th	2	38	49.1	11 22 33	27 41	27 55	11 45	27 18	13 K 3	16 K 22	16 K 13	27 16
3	F	2	42	45.6	12 18 41	9 M 30	29 51	12 59	27 35	13 3	16 21	16 11	27 18
4	S	2	46	42.2	13 16 47	21 21	18 48	14 13	27 53	13 2	16 20	16 9	27 19
5	✉	2	50	38.7	14 51	3 16	3 47	15 27	28 10	13 1	16 19	16 7	27 21
6	M	2	54	35.3	15 14 54	15 18	5 47	16 41	28 28	13 0	16 18	16 5	27 23
7	Tu	2	58	31.9	16 12 56	27 30	7 49	17 55	28 47	12 59	16 17	16 3	27 25
8	W	3	2	28.4	17 10 56	9 M 53	9 53	19 9	29 6	12 58	16 16	16 1	27 26
9	Th	3	6	25.0	18 8 55	22 31	11 58	20 23	29 25	12 57	16 15	15 59	27 28
10	F	3	10	21.5	19 6 52	5 27	14 5	21 37	29 45	12 55	16 14	15 57	27 30
11	S	3	14	18.1	20 4 48	18 43	16 13	22 50	0 M 5	12 53	16 12	15 55	27 32
12	✉	3	18	14.6	21 2 43	2 X 21	18 22	24 4	0 25	12 51	16 11	15 53	27 34
13	M	3	22	11.2	22 0 37	16 23	20 32	25 18	0 46	12 49	16 9	15 51	27 36
14	Tu	3	26	7.7	22 58 29	0 M 47	22 42	26 32	1 7	12 46	16 7	15 49	27 37
15	W	3	30	4.3	23 56 20	15 30	24 53	27 46	1 29	12 43	16 6	15 47	27 39
16	Th	3	34	0.9	24 54 10	0 8 28	27 4	29 0	1 51	12 41	16 4	15 44	27 41
17	F	3	37	57.4	25 51 59	15 32	29 16	0 II 14	2 13	12 38	16 2	15 42	27 43
18	S	3	41	54.0	26 49 46	0 II 34	1 II 26	1 28	2 35	12 35	16 0	15 40	27 45
19	✉	3	45	50.5	27 47 32	15 25	3 37	2 41	2 58	12 31	15 58	15 37	27 47
20	M	3	49	47.1	28 45 16	29 59	5 46	3 55	3 21	12 28	15 56	15 35	27 49
21	Tu	3	53	43.6	29 42 59	14 M 9	7 54	5 9	3 45	12 24	15 53	15 33	27 51
22	W	3	57	40.2	0 II 40 41	27 53	10 1	6 23	4 9	12 20	15 51	15 30	27 53
23	Th	4	1	36.7	1 38 21	11 M 11	12 6	7 37	4 33	12 16	15 48	15 28	27 55
24	F	4	5	33.3	2 35 59	24 4	14 9	8 50	4 57	12 12	15 46	15 26	27 57
25	S	4	9	29.9	3 33 36	6 M 35	16 11	10 4	5 22	12 8	15 43	15 23	27 59
26	✉	4	13	26.4	4 31 11	18 50	18 10	11 18	5 47	12 3	15 41	15 21	28 1
27	M	4	17	23.0	5 28 45	0 M 51	20 6	12 32	6 12	11 58	15 38	15 19	28 3
28	Tu	4	21	19.5	6 26 18	12 44	22 0	13 45	6 37	11 54	15 35	15 16	28 6
29	W	4	25	16.1	7 23 49	24 32	23 52	14 59	7 3	11 49	15 32	15 14	28 8
30	Th	4	29	12.6	8 21 19	6 M 20	25 41	16 13	7 29	11 43	15 29	15 11	28 10
31	F	4	33	9.2	9 18 48	18 12	27 27	17 27	7 55	11 38	15 26	15 9	28 12
32	S	4	37	5.8	10 16 16	0 7 8	29 11	18 40	8 21	11 33	15 23	15 6	28 14

MAY, 1901

D M	DECLINATIONS				LATITUDES								MOON'S NODE
	α	δ	β	ψ	α	δ	β	ψ	α	δ	β	ψ	
1	o 39	22 S 55	22 S 45	22 N 15	1 S 52	o S 49	2 N 6	o N 10	o N 32	o S 1	1 S 10	23 m 27	
3	22 39	21 55	22 45	22 16	1 37	o 45	2 2	o 9	o 32	o 1	1 10	23 20	
5	22 40	21 56	22 44	22 16	1 21	o 41	1 58	o 9	o 32	o 1	1 10	23 14	
7	22 40	21 56	22 44	22 16	1 3	o 37	1 54	o 9	o 32	o 1	1 10	23 8	
9	22 41	21 56	22 44	22 16	o 44	o 32	1 50	o 9	o 31	o 1	1 10	23 1	
11	22 41	21 57	22 43	22 16	o 23	o 28	1 47	o 9	o 31	o 1	1 10	22 55	
13	22 42	21 57	22 43	22 16	o S 2	o 23	1 43	o 8	o 31	o 1	1 9	22 49	
15	22 42	21 58	22 42	22 16	o N 19	o 19	1 40	o 8	o 31	o 1	1 9	22 42	
17	22 43	21 58	22 42	22 16	o 39	o 14	1 36	o 8	o 31	o 1	1 9	22 36	
19	22 44	21 59	22 41	22 17	o 59	o 9	1 33	o 8	o 31	o 1	1 9	22 30	
21	22 45	21 59	22 41	22 17	1 17	o S 4	1 30	o 8	o 31	o 1	1 9	22 23	
23	22 46	22 0	22 40	22 17	1 33	o N 1	1 26	o 7	o 31	o 1	1 9	22 17	
25	22 47	22 1	22 40	22 17	1 46	o 5	1 23	o 7	o 31	o 1	1 9	22 10	
27	22 48	22 2	22 39	22 17	1 56	o 10	1 20	o 7	o 31	o 1	1 9	22 4	
29	22 49	22 2	22 39	22 17	2 4	o 15	1 17	o 6	o 31	o 1	1 9	21 58	
31	22 50	22 3	22 38	22 17	2 8	o 20	1 14	o 6	o 31	o 1	1 9	21 51	
32	22 51	22 3	22 38	22 17	2 10	o 22	1 13	o 6	o 30	o 1	1 9	21 48	
D M	DECLINATIONS				D LONG. MIDNIGHT	MUTUAL ASPECTS							
	\odot	α	δ	β									
1	14 N 57	8 N 19	14 N 12	14 N 28	21 Δ 47	$\gamma \Delta \delta$ 14 55. * Ψ 17 7. $\delta * \Psi$ 19 57.							
2	15 15	9 6	14 37	14 21	3 m 35	$\odot \angle \psi$. $\gamma \angle \psi$.							
3	15 33	9 54	15 2	14 13	15 25	$\odot \Delta \gamma$ 17 15. $\gamma \Delta \alpha$ 1 16. $\gamma \square \text{H}$. D eclipsed partly [visible]							
4	15 51	10 42	15 26	14 5	27 18	$\delta \square \alpha$.							
5	16 8	11 31	15 49	13 57	9 Δ 16	$\gamma \Delta \beta$ 16 49. 150 H .							
6	16 25	12 19	16 13	13 49	21 23	\odot 150 H .							
7	16 42	13 8	16 35	13 41	3 m 40	$\odot \Delta \beta$ 1 48. $\gamma P. \delta$.							
8	16 58	13 56	16 58	13 33	16 10	$\odot P. \gamma$. $\gamma Bq. \text{H}$.							
9	17 15	14 44	17 20	13 24	28 57	$\gamma \Delta \alpha$ 10 54. $\angle \psi$.							
10	17 31	15 32	17 41	13 15	12 \square 2	$\gamma \Delta \beta$ 23 56. 150 H .							
11	17 46	16 19	18 3	13 7	25 29								
12	18 2	17 6	18 23	12 58	9 \times 19								
13	18 17	17 51	18 43	12 49	23 32	$\odot P. \gamma$. γ in β 5H.							
14	18 32	18 35	19 3	12 40	8 γ 6	$\odot \delta$ (Sup.) γ 5 23. $\gamma \square \alpha$, $\gamma \psi$. $\delta \square \beta$.							
15	18 46	19 18	19 22	12 30	22 58	$\gamma P. \gamma$. $\gamma P. \text{H}$ 2 47.							
16	19 0	19 59	19 41	12 21	7 γ 59	$\gamma \square \alpha$, $\gamma \psi$.							
17	19 14	20 38	19 59	12 11	23 4	$\square \square \gamma$ and γ . \odot eclipsed, invisible, γ in perihelion 20H.							
18	19 27	21 16	20 16	12 2	8 II 1	$\odot \square \gamma$ 17 34, $\gamma \psi$. $\gamma \delta \gamma$ o 26. $\square \delta$ 15 25.							
19	19 41	21 51	20 33	11 52	22 45	$\gamma \square \delta$ 8 3. $\gamma P. \beta$ and ψ .							
20	19 53	22 24	20 50	11 42	7 γ 7	$\gamma Bq. \alpha$, $P. \alpha$ and H .							
21	20 6	22 54	21 6	11 32	21 4	$\gamma Bq. \beta$. $\gamma Bq. \alpha$.							
22	20 18	23 22	21 21	11 22	4 \square 35	$\odot \square \beta$ 4 4. γ in β 20H.							
23	20 30	23 47	21 36	11 11	17 40	$\gamma 150 \alpha$.							
24	20 41	24 9	21 50	11 1	o γ 22	$\gamma \beta \text{H}$ 14 48, 150 β . $\gamma Bq.$ and $P. \beta$.							
25	20 52	24 29	22 3	10 51	12 44								
26	21 3	24 46	22 16	10 40	24 52	$\gamma 150 \alpha$, $P. \psi$.							
27	21 14	25 1	22 28	10 29	6 Δ 48	$\odot Bq. \alpha$. $\gamma P. \text{H}$.							
28	21 24	25 13	22 40	10 18	18 38	$\odot \delta$ 8 14. $\gamma P. \alpha$.							
29	21 33	25 22	22 51	10 7	o γ 26	$\gamma \delta \text{H}$ 4 37, 150 β . $\gamma Q. \delta$.							
30	21 43	25 29	23 1	9 56	12 15								
31	21 51	25 34	23 11	9 45	24 9								
32	22 0	25 36	23 20	9 34	6 Δ 10	$\odot Bq. \beta$. $\gamma \delta \psi$ 10 32.							

JUNE, 1901

		MOON'S DECLINATION				MOON'S LATIT.				MOON'S DECLINATION				MOON'S LATIT.	
D	M	Noon	6 hrs.	Midnt.	18 hrs.	Noon	Midnt.	D	M	Noon	6 hrs.	Midnt.	18 hrs.	Noon	Midnt.
1	19	19 S 31	19 S 51	20 S 8	20 S 21	0 N 42	1 N 14	17	19 N 28	18 N 59	18 N 26	17 N 50	3 N 45	4 N 10	
2	20	20 31	20 37	20 39	20 38	1 46	2 17	18	17 9	16 25	15 38	14 48	4 31	4 47	
3	20	20 33	20 24	20 12	19 56	2 47	3 15	19	13 56	13 1	12 4	11 5	5 5	5 8	
4	19	19 36	19 12	18 45	18 14	3 41	4 4	20	10 5	9 4	8 1	6 57	5 11	5 11	
5	17	17 40	17 2	16 21	15 37	4 25	4 42	21	5 53	4 48	3 N 43	2 N 38	5 7	4 59	
6	14	14 49	13 59	13 6	12 10	4 56	5 6	22	1 N 33	0 N 28	0 S 37	1 S 41	4 47	4 32	
7	11	11 12	10 12	9 9	8 4	5 12	5 15	23	2 S 45	3 S 48	4 51	5 52	4 15	3 54	
8	6	6 58	5 50	4 S 40	3 S 30	5 13	5 6	24	6 52	7 52	8 49	9 46	3 32	3 7	
9	2 S 18	1 S 5	o N 8	1 N 21	4 55	4 40	25	10 41	11 34	12 26	13 16	2 40	2 12		
10	2 N 35	3 N 48	5 1	6 14	4 21	3 57	26	14 3	14 49	15 33	16 14	1 42	1 11		
11	7	7 25	8 36	9 45	10 52	3 29	2 58	27	16 52	17 28	18 2	18 32	0 S 39	0 S 7	
12	11	11 56	12 59	13 59	14 55	2 24	1 48	28	18 59	19 24	19 45	20 3	0 N 25	0 N 58	
13	15	15 48	16 38	17 23	18 5	1 N 9	0 N 29	29	20 17	20 28	20 35	20 39	1 29	2 0	
14	18	18 42	19 14	19 41	20 3	0 S 11	0 S 51	30	20 38	20 34	20 27	20 15	2 30	2 59	
15	20	20 20	20 32	20 38	20 39	1 30	2 8	31	19 59	19 40	19 17	18 50	3 25	3 49	
16	20	20 35	20 26	20 11	19 52	2 43	3 16								
D	M	D	W	SIDEREAL TIME		LONGITUDES									
D	M	H	M	S	○ / ' / ''	○ / '	○ / '	○ / '	○ / '	○ / '	○ / '	○ / '	○ / '	○ / '	○ / '
1	S	4	37	5.8	10 Π 16 16	0 7 8	29 Π 11	18 Π 40	8 ΙΠ 21	11 Ι 33	15 Ι 23	15 Ι 6	28 Π 14		
2	Ζ	4	41	2.3	11 13 42	12 13	0Ω52	19 54	8 48	11 Κ 27	15 Κ 20	15 Κ 4	28 16		
3	M	4	44	58.9	12 11 8	24 28	2 30	21 7	9 15	11 21	15 16	15 1	28 18		
4	Tu	4	48	55.4	13 8 33	6Ω55	4 5	22 21	9 42	11 16	15 13	14 59	28 21		
5	W	4	52	52.0	14 5 57	19 34	5 37	23 35	10 10	11 10	15 10	14 56	28 23		
6	Th	4	56	48.5	15 3 20	2Ω26	7 7	24 48	10 37	11 4	15 6	14 54	28 25		
7	F	5	0	45.1	16 0 43	15 33	8 33	26 2	11 5	10 57	15 3	14 52	28 27		
8	S	5	4	41.6	16 58 5	28 56	9 57	27 16	11 33	10 51	14 59	14 49	28 29		
9	Ζ	5	8	38.2	17 55 26	12 Ω 34	11 17	28 29	12 1	10 45	14 55	14 47	28 31		
10	M	5	12	34.8	18 52 47	26 29	12 35	29 43	12 30	10 38	14 52	14 44	28 34		
11	Tu	5	16	31.3	19 50 8	10 Π 39	13 50	0Ω56	12 58	10 32	14 48	14 42	28 36		
12	W	5	20	27.9	20 47 28	25 4	15 1	2 10	13 27	10 25	14 44	14 39	28 38		
13	Th	5	24	24.4	21 44 47	9 8 40	16 9	3 24	13 50	10 18	14 40	14 37	28 40		
14	F	5	28	21.0	22 42 7	24 23	17 14	4 37	14 26	10 11	14 36	14 34	28 43		
15	S	5	32	17.5	23 39 26	9 Η 6	18 16	5 51	14 55	10 4	14 32	14 32	28 45		
16	Ζ	5	36	14.1	24 36 44	23 45	19 14	7 4	15 25	9 57	14 28	14 29	28 47		
17	M	5	40	10.7	25 34 2	8Ω10	20 9	8 18	15 55	9 50	14 24	14 27	28 49		
18	Tu	5	44	7.2	26 31 19	22 18	21 1	9 31	16 25	9 43	14 20	14 25	28 52		
19	W	5	48	3.8	27 28 36	6Ω2	21 48	10 45	16 55	9 35	14 16	14 22	28 54		
20	Th	5	52	0.3	28 25 52	19 23	22 32	11 59	17 25	9 28	14 12	14 20	28 56		
21	F	5	55	56.9	29 23 7	2Ω19	23 12	13 12	17 56	9 20	14 8	14 18	28 58		
22	S	5	59	53.4	0Ω20 22	14 53	23 48	14 26	18 27	9 13	14 4	14 15	29 0		
23	Ζ	6	3	50.1	1 17 36	27 8	24 20	15 39	18 58	9 5	14 0	14 13	29 3		
24	M	6	7	46.6	2 14 49	9 Ή 9	24 47	16 53	19 29	8 58	13 55	14 11	29 5		
25	Tu	6	11	43.1	3 12 2	21 2	25 11	18 6	20 0	8 50	13 51	14 8	29 7		
26	W	6	15	39.7	4 9 14	2Ω51	25 30	19 20	20 32	8 43	13 47	14 6	29 9		
27	Th	6	19	36.2	5 6 26	14 40	25 44	20 33	21 3	8 35	13 42	14 4	29 12		
28	F	6	23	32.8	6 3 38	26 35	25 54	21 46	21 35	8 27	13 38	14 2	29 14		
29	S	6	27	29.3	7 0 49	8 7 39	25 59	23 0	22 7	8 20	13 34	13 59	29 16		
30	Ζ	6	31	25.9	7 58 0	20 55	26 R 0	24 13	22 39	8 12	13 29	13 57	29 18		
31	M	6	35	22.5	8 55 10	3Ω24	25 55	25 27	23 11	8 4	13 25	13 55	29 20		

JUNE, 1901

D M	DECLINATIONS				LATITUDES								MOON'S NODE
	α	δ	β	ψ	α	δ	β	ψ	α	δ	β	ψ	
1	22 S 51	22 S 3	22 S 38	22 N 17	2 N 10	0 N 22	1 N 13	0 N 6	0 N 30	0 S 1	1 S 9	21 m 48	
3	22 52	22 4	22 38	22 17	2 9	0 27	1 10	0 6	0 30	0 1	1 9	21 42	
5	22 53	22 5	22 37	22 18	2 6	0 31	1 7	0 6	0 30	0 1	1 9	21 35	
7	22 55	22 6	22 37	22 18	1 59	0 36	1 5	0 5	0 30	0 1	1 9	21 29	
9	22 56	22 7	22 36	22 18	1 50	0 40	1 2	0 5	0 30	0 1	1 9	21 23	
11	22 57	22 8	22 35	22 18	1 37	0 45	0 59	0 5	0 30	0 1	1 9	21 16	
13	22 58	22 9	22 35	22 18	1 22	0 49	0 57	0 5	0 30	0 1	1 9	21 10	
15	23 0	22 10	22 34	22 18	1 4	0 53	0 54	0 4	0 30	0 1	1 9	21 4	
17	23 1	22 11	22 34	22 18	0 43	0 57	0 51	0 4	0 30	0 1	1 9	20 57	
19	23 2	22 12	22 33	22 18	0 N 20	1 1	0 49	0 4	0 29	0 1	1 9	20 51	
21	23 4	22 13	22 33	22 18	0 S 5	1 5	0 47	0 3	0 29	0 1	1 9	20 45	
23	23 5	22 14	22 32	22 18	0 33	1 8	0 44	0 3	0 29	0 1	1 9	20 38	
25	23 6	22 15	22 32	22 18	1 2	1 12	0 42	0 3	0 29	0 1	1 9	20 32	
27	23 8	22 16	22 31	22 18	1 33	1 15	0 40	0 3	0 29	0 1	1 9	20 26	
29	23 9	22 17	22 31	22 18	2 4	1 18	0 37	0 2	0 29	0 1	1 9	20 19	
31	23 10	22 18	22 30	22 18	2 36	1 20	0 35	0 2	0 29	0 1	1 9	20 13	
D M	DECLINATIONS				D LONG. MIDNIGHT	MUTUAL ASPECTS							
	α	δ	β	ψ									
1	22 N 0	25 N 36	23 N 20	9 N 34	6 $\frac{1}{2}$ 10	$\odot P. \delta.$							
2	22 8	25 36	23 28	9 23	18 20	$\odot 150^\circ \alpha.$							
3	22 16	25 35	23 36	9 11	0 34 40	$\odot P. \psi.$							
4	22 23	25 31	23 43	9 0	13 13								
5	22 30	25 25	23 49	8 48	25 58	$\odot 8 \beta 20 12. \delta Q. \psi.$							
6	22 37	25 18	23 54	8 36	8 $\frac{1}{2}$ 58	$\odot 150^\circ \delta. P. \beta. \delta \Delta \alpha 18 38.$							
7	22 43	25 9	23 59	8 24	22 13	$\beta \delta \alpha 14 58.$							
8	22 49	24 59	24 3	8 12	5 $\frac{1}{2}$ 43								
9	22 54	24 47	24 7	8 0	19 29	$\odot P. \alpha. \beta * \delta 21 25. \beta \delta \psi 0 47.$							
10	22 59	24 35	24 9	7 48	3 $\frac{1}{2}$ 32								
11	23 4	24 21	24 11	7 36	17 50	$\beta \delta \alpha 18 37. 150^\circ \beta. P. \beta. \beta \Delta \alpha 18 37.$							
12	23 8	24 6	24 13	7 24	2 $\frac{1}{2}$ 20								
13	23 12	23 50	24 13	7 11	17 1	$\odot P. \beta. \delta \Delta \alpha 7 41. \square \beta 6 30.$							
14	23 15	23 33	24 13	6 59	1 $\frac{1}{2}$ 45								
15	23 18	23 16	24 12	6 46	16 27	$\beta \delta \alpha 14 H. \beta \Delta \beta \beta \Delta \alpha 14 H.$							
16	23 20	22 58	24 11	6 34	0 $\frac{1}{2}$ 59								
17	23 23	22 39	24 8	6 21	15 17	$\beta \beta \alpha 18 37. \beta \Delta \beta \beta \Delta \alpha 18 37.$							
18	23 24	22 20	24 5	6 8	29 13								
19	23 26	22 1	24 2	5 55	12 $\frac{1}{2}$ 45								
20	23 26	21 41	23 57	5 42	25 53	$\odot \delta \psi 13 8. \beta \Delta \beta \beta \Delta \alpha 14 H.$							
21	23 27	21 22	23 52	5 29	8 $\frac{1}{2}$ 38	$\beta \beta \alpha 17 16. 150^\circ \beta. \odot \text{enters } \alpha 15H. 27. 7M.$							
22	23 27	21 3	23 46	5 16	21 2								
23	23 27	20 43	23 40	5 3	3 $\frac{1}{2}$ 10	$\odot P. \beta. \beta \Delta \beta \beta \Delta \alpha 14 H.$							
24	23 26	20 24	23 32	4 50	15 7								
25	23 25	20 5	23 24	4 36	26 56								
26	23 23	19 47	23 16	4 23	8 $\frac{1}{2}$ 45	$\beta \beta \alpha 17 16. 150^\circ \beta. \odot \text{enters } \alpha 15H. 27. 7M.$							
27	23 21	19 29	23 6	4 9	20 36								
28	23 19	19 12	22 56	3 56	2 $\frac{1}{2}$ 35	$\beta \beta \alpha 17 16. 150^\circ \beta. \odot \text{enters } \alpha 15H. 27. 7M.$							
29	23 16	18 56	22 46	3 42	14 45	$\beta \beta \alpha 17 16. 150^\circ \beta. \odot \text{enters } \alpha 15H. 27. 7M.$							
30	23 13	18 40	22 34	3 28	27 8								
31	23 9	18 25	22 23	3 15	9 $\frac{1}{2}$ 45	$\beta \beta \alpha 17 16. 150^\circ \beta. \odot \text{enters } \alpha 15H. 27. 7M.$							

JULY, 1901

MOON'S DECLINATION										MOON'S LATIT.		MOON'S DECLINATION										MOON'S LATIT.	
D	M	Noon	6 hrs.	Midnt.	18 hrs.	Noon	Midnt.	D	M	Noon	6 hrs.	Midnt.	18 hrs.	Noon	Midnt.								
1	19	19 S 59	19 S 40	19 S 17	18 S 50	3 N 25	3 N 49	17	11	N 45	10 N 46	9 N 45	8 N 42	5 S 2	5 S 4								
2	18	20	17 45	17 8	16 27	4 11	4 29	18	7	39	6 34	5 29	4 24	5 1	4 55								
3	15	42	14 55	14 4	13 11	4 44	4 56	19	3	N 18	2 N 12	1 N 6	0 N 0	4 45	4 32								
4	12	14	11 16	10 15	9 12	5 3	5 7	20	1	S 5	2 S 10	3 S 14	4 S 17	4 16	3 57								
5	8	7	7 0	5 52	4 S 42	5 6	5 1	21	5	19	6 21	7 21	8 19	3 35	3 11								
6	3	3 S 31	2 S 19	1 S 7	0 N 6	4 51	4 38	22	9	17	10 12	11 7	11 59	2 45	2 18								
7	1	N 19	2 N 32	3 N 44	4 56	4 20	3 58	23	12	50	13 38	14 24	15 9	1 49	1 19								
8	6	8	7 18	8 27	9 34	3 33	3 4	24	15	51	16 30	17 7	17 41	0 S 48	0 S 17								
9	10	40	11 44	12 45	13 44	2 33	1 59	25	18	13	18 41	19 7	19 29	0 N 15	0 N 46								
10	14	39	15 32	16 21	17 6	1 23	0 N 45	26	19	48	20 4	20 16	20 25	1 18	1 48								
11	17	48	18 25	18 58	19 27	0 N 7	0 S 31	27	20	30	20 32	20 30	20 24	2 18	2 46								
12	19	50	20 9	20 23	20 32	1 S 9	1 46	28	20	14	20 1	19 43	19 22	3 13	3 37								
13	20	36	20 35	20 29	20 18	2 21	2 54	29	18	57	18 28	17 55	17 19	3 59	4 18								
14	20	2	19 42	19 16	18 47	3 23	3 50	30	16	39	15 56	15 9	14 19	4 34	4 47								
15	18	13	17 36	16 55	16 10	4 13	4 31	31	13	26	12 30	11 32	10 31	4 56	5 0								
16	15	22	14 32	13 39	12 43	4 46	4 56	32	9	27	8 22	7 14	6 5	5 1	4 57								
D	M	SIDEREAL TIME		LONGITUDES																			
D	M	W	TIME		○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
1	M	H	M	S	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
2	Tu	6	35	22.5	8 55	10	3 24	25 55	25 27	23 m 11	8 3 4	13 25	13 25	29 II 20									
3	W	6	39	19.0	9 52	21	16 9	25 R 47	26 40	23 43	7 R 57	13 R 20	13 R 53	29 23									
4	Th	6	43	15.6	10 49	32	29 9	25 34	27 54	24 16	7 49	13 16	13 51	29 25									
5	F	6	47	12.1	11 46	42	12 23	25 16	29 7	24 49	7 41	13 12	13 49	29 27									
6	S	6	51	8.7	12 43	53	25 50	24 55	0.0 20	25 21	7 34	13 7	13 47	29 29									
7	7	6	55	5.2	13 41	4	9 29	24	29	1 34	25 54	7 26	13 3	13 45	29 31								
8	M	6	59	1.8	14 38	15	23 17	24 1	2 47	26 27	7 18	12 58	13 43	29 34									
9	Tu	7	2	58.4	15 35	27	7 M 14	23	29	4 0	27 1	7 11	12 54	13 41	29 38								
10	W	7	6	54.9	16 32	39	21 18	22 54	5 14	27 34	7 3	12 50	13 39	29 38									
11	Th	7	10	51.5	17 29	52	5 29	22 18	6 27	28 7	6 56	12 45	13 37	29 40									
12	F	7	14	48.0	18 27	5	19 46	21 40	7 40	28 41	6 48	12 41	13 35	29 42									
13	S	7	18	44.6	19 24	19	4 II 5	21 1	8 54	29 15	6 41	12 36	13 33	29 44									
14	M	7	22	41.1	20 21	33	18 25	20 21	10 7	29 49	6 34	12 32	13 31	29 47									
15	Th	7	26	37.7	21 18	48	2 20	19 43	11 20	0 23	6 26	12 28	13 29	29 49									
16	Tu	7	30	34.3	22 16	3	16 46	19 5	12 34	0 57	6 19	12 23	13 28	29 51									
17	W	7	34	30.8	23 13	19	0 38	18 29	13 47	1 31	6 12	12 19	13 26	29 53									
18	R	7	38	27.4	24 10	35	14 13	17 56	15 0	2 6	6 5	12 15	13 24	29 55									
19	Th	7	42	23.9	25 7	51	27 27	17 26	16 13	2 40	5 58	12 10	13 23	29 57									
20	F	7	46	20.5	26 5	8	10 m 20	16 59	17 27	3 15	5 51	12 6	13 21	29 59									
21	S	7	50	17.0	27 2	25	22 52	16 37	18 40	3 50	5 45	12 2	13 19	0 0 1									
22	M	7	54	13.6	27 59	42	5 7	16 19	19 53	4 25	5 38	11 58	13 18	0 3									
23	Tu	8	2	10.1	28 56	59	17 9	16 6	21 6	5 0	5 31	11 54	13 16	0 5									
24	W	8	6	6.7	29 54	17	29 1	15 59	22 19	5 35	5 25	11 50	13 15	0 7									
25	Th	8	9	59.8	1 48	54	22 40	16D 1	24 46	6 46	5 13	11 42	13 12	0 9									
26	F	8	13	56.4	2 46	13	4 38	16 10	25 59	7 21	5 6	11 38	13 11	0 13									
27	S	8	17	52.9	3 43	32	16 47	16 26	27 12	7 57	5 1	11 34	13 10	0 15									
28	M	8	21	49.5	4 40	53	29 12	16 48	28 25	8 32	4 55	11 30	13 8	0 17									
29	Tu	8	25	46.0	5 38	13	11 55	17 16	29 38	9 8	4 49	11 26	13 7	0 19									
30	W	8	29	42.6	6 35	35	24 57	17 50	0 m 51	9 44	4 44	11 22	13 6	0 21									
31	R	8	33	39.1	7 32	57	8 18	18 31	2 4	10 20	4 38	11 18	13 5	0 23									
32	Th	8	37	35.7	8 30	20	21 57	19 17	3 17	10 56	4 33	11 15	13 4	0 24									

JULY, 1901

D M	DECLINATIONS				LATITUDES								MOON'S NODE		
	α	β	γ	δ	α	β	γ	δ	α	β	γ	δ	α	β	
1	23 S 10	22 S 18	22 S 30	22 N 18	2 S 36	1 N 20	0 N 35	0 N 2	0 N 29	0 S 1	1 S 9	20 M 13			
3	23 11	22 19	22 30	22 18	3 7	1 23	0 33	0 2	0 28	0 1	1 9	20 7			
5	23 13	22 20	22 29	22 18	3 35	1 25	0 31	0 1	0 28	0 1	1 9	20 0			
7	23 14	22 21	22 29	22 18	4 1	1 27	0 29	0 1	0 28	0 1	1 9	19 54			
9	23 15	22 22	22 28	22 18	4 23	1 29	0 26	0 1	0 28	0 1	1 9	19 47			
11	23 16	22 23	22 28	22 18	4 40	1 30	0 24	0 1	0 28	0 1	1 9	19 41			
13	23 17	22 24	22 27	22 18	4 51	1 31	0 22	0 0	0 27	0 1	1 9	19 35			
15	23 18	22 25	22 27	22 18	4 55	1 32	0 20	0 N 0	0 27	0 2	1 9	19 28			
17	23 19	22 26	22 27	22 18	4 53	1 33	0 18	0 S 0	0 27	0 2	1 9	19 22			
19	23 20	22 27	22 26	22 18	4 44	1 34	0 16	0 0	0 27	0 2	1 9	19 16			
21	23 21	22 28	22 26	22 18	4 29	1 34	0 14	0 1	0 27	0 2	1 9	19 9			
23	23 21	22 29	22 26	22 18	4 9	1 34	0 13	0 1	0 26	0 2	1 9	19 3			
25	23 22	22 30	22 25	22 18	3 45	1 33	0 11	0 1	0 26	0 2	1 9	18 57			
27	23 23	22 31	22 25	22 18	3 18	1 32	0 9	0 2	0 26	0 2	1 9	18 50			
29	23 24	22 32	22 25	22 18	2 49	1 31	0 7	0 2	0 26	0 2	1 9	18 44			
31	23 24	22 33	22 24	22 18	2 18	1 30	0 5	0 2	0 26	0 2	1 9	18 38			
32	23 25	22 33	22 24	22 18	2 2	1 29	0 4	0 2	0 26	0 2	1 9	18 34			
D M	DECLINATIONS				LONG. MIDNIGHT				MUTUAL ASPECTS						
	\odot	α	β	γ	δ	α	β	γ	δ	α	β	γ	δ	α	
1	23 N 9	18 N 25	22 N 22	3 N 15	9 45	8 16.	9 P. β	and ψ .	β P. ψ	7 35.					
2	23 5	18 12	22 10	3 1	22 37										
3	23 1	17 59	21 57	2 47	5 45										
4	22 56	17 48	21 43	2 33	19 5										
5	22 50	17 37	21 28	2 19	2 38										
6	22 45	17 29	21 13	2 5	16 22										
7	22 39	17 21	20 57	1 51	0 14										
8	22 32	17 15	20 41	1 37	1 15										
9	22 26	17 10	20 24	1 22	28 23										
10	22 18	17 7	20 7	1 8	12 8 37										
11	22 11	17 6	19 49	0 54	26 55										
12	22 3	17 5	19 30	0 39	11 II 15										
13	21 54	17 6	19 11	0 25	25 33										
14	21 46	17 9	18 52	0 N 11	9 44										
15	21 37	17 13	18 31	0 S 4	23 44										
16	21 27	17 18	18 11	0 19	7 28										
17	21 17	17 24	17 50	0 33	20 53										
18	21 7	17 32	17 28	0 48	3 50										
19	20 56	17 40	17 6	1 2	16 39										
20	20 46	17 50	16 43	1 17	29 2										
21	20 34	18 0	16 20	1 32	11 10										
22	20 23	18 11	15 57	1 47	23 6										
23	20 11	18 22	15 33	2 2	4 56										
24	19 59	18 34	15 9	2 16	16 44										
25	19 46	18 46	14 44	2 31	28 38										
26	19 33	18 58	14 19	2 46	10 41										
27	19 20	19 10	13 54	3 1	22 57										
28	19 6	19 22	13 28	3 16	5 31										
29	18 52	19 33	13 2	3 31	18 23										
30	18 38	19 44	12 36	3 46	1 35										
31	18 24	19 54	12 9	4 1	15 6										
32	18 9	20 3	11 42	4 16	28 52										

AUGUST, 1901

D M	MOON'S DECLINATION						MOON'S LATIT.			D M	MOON'S DECLINATION						MOON'S LATIT.		
	Noon	6 hrs.	Midnt.	18 hrs.	Noon	Midnt.	Noon	6 hrs.	Midnt.		Noon	6 hrs.	Midnt.	Noon	Midnt.	Noon	Midnt.		
1	9 S 27	8 S 22	7 S 14	6 S 5	5 N 1	4 57	17	3 S 42	4 S 45	5 S 46	6 S 47	3 S 38	3 S 15						
2	4 55	3 43	2 31	1 17	4 48	4 35	18	7 46	8 44	9 41	10 35	2 50	2 22						
3	o S 4	1 N 10	2 N 24	3 N 37	4 18	3 57	19	11 28	12 19	13 8	13 55	1 54	1 24						
4	+N 50	6 1	7 12	8 21	3 32	3 4	20	14 40	15 23	16 3	16 40	0 S 53	0 S 22						
5	9 29	10 34	11 37	12 38	2 33	2 0	21	17 15	17 48	18 17	18 43	0 N 9	0 N 40						
6	13 36	14 31	15 23	16 11	1 25	0 N 48	22	19 7	19 27	19 44	19 58	1 11	1 42						
7	16 56	17 37	18 14	18 46	0 N 11	0 S 26	23	20 8	20 15	20 19	20 19	2 11	2 39						
8	19 14	19 38	19 57	20 11	1 S 3	1 39	24	20 15	20 7	19 56	19 41	3 6	3 31						
9	20 21	20 26	20 26	20 21	2 13	2 45	25	19 22	19 0	18 34	18 4	3 53	4 13						
10	20 12	19 58	19 40	19 17	3 14	3 41	26	17 30	16 53	16 12	15 28	4 30	4 44						
11	18 50	18 19	17 44	17 5	4 4	4 23	27	14 40	13 50	12 56	11 59	4 54	5 0						
12	16 23	15 38	14 50	13 59	4 39	4 50	28	10 59	9 57	8 53	7 46	5 2	5 0						
13	13 6	12 10	11 13	10 14	4 57	5 0	29	6 37	5 27	4 S 15	3 S 2	4 53	4 41						
14	9 13	8 10	7 7	6 3	4 59	4 54	30	1 S 48	0 S 33	0 N 41	1 N 56	4 25	4 4						
15	4 58	3 N 53	2 N 47	1 N 42	4 46	4 34	31	3 N 11	4 N 25	5 39	6 51	3 40	3 12						
16	0 N 36	0 S 29	1 S 34	2 S 38	4 18	4 0	32	8 1	9 10	10 17	11 22	2 40	2 6						
D M	D W	SIDEREAL TIME			LONGITUDES														
		H	M	S	○	'	''	○	'	''	○	'	''	○	'	''	○	'	''
1	Th	8	37	35.7	8	30	20	21	57	19 25	17	3 m 17	10 56	4 53	11 15	13 4	0 24		
2	F	8	41	32.3	9	27	44	5	49	20	10	4 30	11 33	4 R 28	11 R 11	13 R 3	0 26		
3	S	8	45	28.8	10	25	9	19	51	21	8	5 43	12 9	4 23	11 7	13 2	0 28		
4	Z	8	49	25.4	11	22	35	3	58	22	12	6 56	12 46	4 18	11 4	13 1	0 30		
5	M	8	53	21.9	12	20	3	18	8	23	22	8 9	13 22	4 13	11 1	13 0	0 32		
6	Tu	8	57	18.5	13	17	31	2	8 18	24	37	9 22	13 59	4 9	10 57	12 59	0 33		
7	W	9	1	15.0	14	15	1	16	26	25	58	10 35	14 36	4 4	10 54	12 59	0 35		
8	Th	9	5	11.6	15	12	33	0	31	27	24	11 48	15 13	4 0	10 51	12 58	0 37		
9	F	9	9	8.1	16	10	6	14	33	28	54	13 1	15 50	3 56	10 47	12 57	0 39		
10	S	9	13	4.7	17	7	40	28	29	0 0 29	14	13	16 27	3 52	10 44	12 56	0 40		
11	Z	9	17	1.3	18	5	16	12	19	2	8	15 26	17 4	3 49	10 41	12 56	0 42		
12	M	9	20	57.8	19	2	53	26	1	3	51	16 39	17 41	3 45	10 38	12 55	0 44		
13	Tu	9	24	54.4	20	0	31	9	31	5	38	17 52	18 19	3 42	10 35	12 55	0 45		
14	W	9	28	50.9	20	58	10	22	47	7	27	19 5	18 56	3 39	10 32	12 54	0 47		
15	Th	9	32	47.5	21	55	51	5	m 46	9	20	20 17	19 34	3 36	10 30	12 54	0 48		
16	F	9	36	44.0	22	53	33	18	29	11	14	21 30	20 12	3 33	10 27	12 54	0 50		
17	S	9	40	40.6	23	51	17	0	55	13	11	22 43	20 50	3 30	10 24	12 53	0 51		
18	Z	9	44	37.1	24	49	1	13	6	15	9	23 55	21 28	3 28	10 22	12 53	0 53		
19	M	9	48	33.7	25	46	47	25	5	17	8	25 8	22 6	3 26	10 19	12 53	0 54		
20	Tu	9	52	30.2	26	44	33	6	m 55	19	8	26 21	22 44	3 24	10 17	12 53	0 56		
21	W	9	56	26.8	27	42	1	18	43	21	8	27 33	23 22	3 22	10 15	12 53	0 57		
22	Th	10	0	23.3	28	40	10	0	33	23	8	28 46	24 1	3 20	10 13	12 53	0 58		
23	F	10	4	19.9	29	38	0	12	31	25	9	29 58	24 39	3 19	10 10	12 D 53	I 0		
24	S	10	8	16.5	30	35	52	24	42	27	9	1 11	25 18	3 17	10 8	12 53	I 1		
25	Z	10	12	13.0	1	33	45	7	m 10	29	8	2 23	25 56	3 16	10 6	12 53	I 2		
26	M	10	16	9.6	2	31	39	20	0	1	m 7	3 36	26 35	3 15	10 5	12 53	I 4		
27	Tu	10	20	6.1	3	29	34	3	m 14	3	5	4 48	27 14	3 15	10 3	12 53	I 5		
28	W	10	24	2.7	4	27	31	16	51	5	2	6 1	27 53	3 14	10 1	12 54	I 6		
29	Th	10	27	59.2	5	25	29	0	m 50	6	59	7 13	28 32	3 14	10 0	12 54	I 7		
30	F	10	31	55.8	6	23	29	15	6	8	54	8 25	29 11	3 14	9 58	12 54	I 9		
31	S	10	35	52.3	7	21	31	29	34	10	48	9 38	29 50	3 D 14	9 57	12 55	I 10		
32	Z	10	39	48.9	8	19	34	14	T 6	12	41	10 50	0 m 29	3 14	9 55	12 55	I 11		

AUGUST, 1901

D M	DECLINATIONS				LATITUDES								MOON'S NODE
	α	δ	H°	ψ	α	δ	H°	ψ	α	δ	H°	ψ	
1	23 S 25	22 S 33	22 S 24	22 N 18	2 S 2	1 N 29	0 N 4	0 S 2	0 N 26	0 S 2	1 S 9	18 m 34	
3	23 25	22 34	22 24	22 18	1 31	1 28	0 3	0 3	0 25	0 2	1 9	18 28	
5	23 26	22 35	22 24	22 18	1 1	1 26	0 N 1	0 3	0 25	0 2	1 9	18 22	
7	23 26	22 35	22 24	22 18	0 31	1 23	0 S 1	0 3	0 25	0 2	1 9	18 15	
9	23 27	22 36	22 23	22 18	0 S 3	1 21	0 3	0 3	0 25	0 2	1 9	18 9	
II	23 27	22 37	22 23	22 18	0 N 23	1 18	0 4	0 4	0 24	0 2	1 9	18 3	
13	23 28	22 38	22 23	22 18	0 45	1 15	0 6	0 4	0 24	0 2	1 9	17 56	
15	23 28	22 38	22 23	22 18	1 4	1 11	0 7	0 4	0 24	0 2	1 9	17 50	
17	23 29	22 39	22 23	22 18	1 19	1 7	0 9	0 4	0 24	0 2	1 9	17 44	
19	23 29	22 39	22 23	22 18	1 31	1 3	0 11	0 5	0 24	0 2	1 9	17 37	
21	23 29	22 40	22 23	22 18	1 39	0 59	0 12	0 5	0 23	0 2	1 9	17 31	
23	23 30	22 41	22 23	22 17	1 44	0 55	0 14	0 5	0 23	0 2	1 9	17 24	
25	23 30	22 41	22 23	22 17	1 46	0 50	0 15	0 5	0 23	0 2	1 9	17 18	
27	23 30	22 42	22 23	22 17	1 45	0 45	0 17	0 5	0 23	0 2	1 9	17 12	
29	23 30	22 42	22 23	22 17	1 42	0 40	0 18	0 6	0 22	0 2	1 10	17 5	
31	23 31	22 43	22 23	22 17	1 36	0 34	0 20	0 6	0 22	0 2	1 10	16 59	
32	23 31	22 43	22 23	22 17	1 33	0 32	0 20	0 6	0 22	0 2	1 10	16 56	
D M	DECLINATIONS				LONG. MIDNIGHT	MUTUAL ASPECTS, ETC.							
	\odot	α	δ	H°									
1	18 N 3	20 N 3	11 N 42	4 S 16	28 m 52	$\vartheta \Delta \alpha 23 16. \delta \square \text{h} 10 58.$							
2	17 54	20 11	11 14	4 31	12 m 49	$\odot \text{Bq. } \alpha. \vartheta \text{ at greatest elongation } 19^{\circ}23' \text{ W. } 2\text{h}.$							
3	17 38	20 18	10 47	4 46	26 54	$\odot 150 \text{ h.}$							
4	17 22	20 28	10 19	5 1	11 T 3	$\delta * \text{H} 9 50.$							
5	17 7	20 27	9 50	5 16	25 13	$\odot \Delta \text{H} 16 30.$							
6	16 50	20 28	9 22	5 31	9 8 22	$\delta \text{ in } \vartheta \text{ OH.}$							
7	16 34	20 28	8 53	5 46	23 29	$\vartheta \Delta \text{h } 6 0.$							
8	16 17	20 26	8 24	6 1	7 II 32	$\odot * \delta \square 12. \angle \vartheta 10 28. \vartheta \square \text{H}. \vartheta \square \text{H} 22 54. Q. \vartheta.$							
9	16 0	20 21	7 55	6 16	21 32	$\odot \text{Bq. } \text{h}. \vartheta \text{ in } \vartheta 5\text{h.}$							
10	15 43	20 13	7 26	6 31	5 m 25	$\vartheta \angle \vartheta.$							
11	15 25	20 3	6 56	6 46	19 11	$\odot \square \alpha 17 5. \vartheta 150 \alpha. \vartheta P. \delta.$							
12	15 7	19 51	6 27	7 1	2 8 47	$\vartheta Q. \delta, \vartheta \angle \delta. \vartheta \text{ in Perihelion } 19\text{h}.$							
13	14 49	19 36	5 57	7 16	16 11								
14	14 31	19 18	5 27	7 31	29 19								
15	14 12	18 57	4 56	7 47	12 m 10	$\vartheta \text{Bq. } \alpha, 150 \text{ h.}$							
16	13 54	18 34	4 26	8 2	24 44	$\vartheta \Delta \text{H} 20 26.$							
17	13 35	18 8	3 56	8 17	7 Δ 2	$\odot \square \text{h } 13 5. \vartheta \text{Bq. } \text{h}, \angle \vartheta. \delta Q. \alpha.$							
18	13 15	17 40	3 25	8 32	19 6	$\vartheta \square \text{H}.$							
19	12 56	17 9	2 54	8 46	1 M 1								
20	12 36	16 36	2 24	9 1	12 49								
21	12 17	16 2	1 53	9 16	24 38	$\odot \angle \vartheta.$							
22	11 57	15 25	1 22	9 31	6 Δ 31	$\vartheta * \delta 15 15. \text{H stationary } 3\text{h}.$							
23	11 36	14 47	0 51	9 46	18 34	$\vartheta \square \text{H} 20 44. \vartheta \square \text{h}, \vartheta Q. \text{H}.$							
24	11 16	14 7	0 N 20	10 1	0 M 53	$\odot * \vartheta 10 44.$							
25	10 55	13 26	0 S 11	10 16	13 32	$\vartheta * \vartheta 22 31. \vartheta \square \alpha 17 18.$							
26	10 35	12 44	0 42	10 30	26 34	$\odot \Delta \alpha 17 52. \odot P. \delta.$							
27	10 14	12 1	1 13	10 45	9 Δ 59	$\odot \delta (\text{Sup.}) \vartheta 9 51. \vartheta \Delta \alpha 15 50.$							
28	9 53	11 17	1 44	11 0	23 48	$\delta Q. \text{h}, \angle P \text{H. } \vartheta.$							
29	9 32	10 32	2 15	11 14	7 Δ 56	$\vartheta \angle \vartheta.$							
30	9 10	9 46	2 46	11 29	22 19	$\vartheta \Delta \text{h } 13 23. \alpha \text{ stationary } 9\text{h}.$							
31	8 49	9 0	3 17	11 44	6 T 50	$\odot P. \vartheta. \vartheta \square \text{h } 6 16.$							
32	8 27	8 14	3 48	11 58	21 23								

SEPTEMBER, 1901

D M	MOON'S DECLINATION						MOON'S LATIT.						MOON'S DECLINATION						MOON'S LATIT.	
	Noon	6 hrs.	Midnt.	18 hrs.	Noon	Midnt.	Noon	6 hrs.	Midnt.	18 hrs.	Noon	Midnt.	Noon	6 hrs.	Midnt.	18 hrs.	Noon	Midnt.	Noon	Midnt.
1 8N 1	9N 10	10N 17		11N 22	2N 40	2N 6	17 16S 19	16S 54	17S 27	17S 56	0N 2	0N 34								
2 12 24	13 23	14 18	15 11	1 30	0 53		18 18 23	18 47	19 8	19 26	1 5	1 36								
3 16 0	16 45	17 25	18 2	0N 14	0S 24		19 19 40	19 51	19 59	20 4	2 6	2 35								
4 18 35	19 2	19 26	19 44	1S 1	1 38		20 20 5	20 3	19 57	19 48	3 2	3 28								
5 19 58	20 8	20 12	20 12	2 13	2 45		21 19 35	19 18	18 58	18 34	3 51	4 12								
6 20 7	19 58	19 44	19 26	3 15	3 42		22 18 7	17 36	17 2	16 25	4 30	4 45								
7 19 4	18 38	18 8	17 34	4 5	4 25		23 15 44	14 59	14 12	13 21	4 57	5 5								
8 16 57	16 17	15 33	14 47	4 41	4 53		24 12 28	11 31	10 32	9 30	5 9	5 9								
9 13 58	13 6	12 13	11 17	5 1	5 4		25 8 26	7 20	6 11	5 1	5 5	4 55								
10 10 20	9 21	8 20	7 19	5 4	5 0		3S 50	2S 37	1S 23	0S 8	4 42	4 23								
11 6 16	5 13	4N 9	3N 5	4 52	4 41		27 1N 7	2N 23	3N 38	4N 52	4 0	3 33								
12 2N 0	0N 56	0S 9	1S 13	4 26	4 8		28 6 6	7 19	8 30	9 39	3 2	2 27								
13 2S 17	3S 20	4 22	5 23	3 47	3 24		29 10 46	11 50	12 52	13 50	1 51	1 N 12								
14 6 24	7 23	8 21	9 17	2 58	2 31		30 14 45	15 36	16 23	17 6	0N 32	0S 9								
15 10 12	11 5	11 56	12 46	2 2	1 32		31 17 45	18 18	18 48	19 12	0S 49	1 28								
16 13 33	14 18	15 1	15 41	1S 1	0S 30															
D M	D W	SIDEREAL TIME			○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
1	S	H	M	S	○	○	○	○	○	○	○	○	○	○	○	○	○	○		
2	M	10	39	48.9	8m 19	34	14 14	6	12m 41	10 50	0m 29	3m 14	9 55	12 55	1m 11					
3	Tu	10	43	45.4	9 17	39	28 38	14 32	12 1	1 8	3 14	9 54	12 56	1 12						
4	W	10	47	42.0	10 15	46	13 8 3	16 23	13 14	1 48	3 15	9 53	12 56	1 13						
5	Th	10	51	38.5	11 13	55	27 20	18 12	14 26	2 27	3 15	9 52	12 57	1 14						
6	F	10	55	35.1	12 12	6	11 II 25	20 0	15 38	3 7	3 16	9 51	12 58	1 15						
7	S	10	59	31.6	13 10	20	25 19	21 47	16 51	3 47	3 18	9 50	12 58	1 16						
8	M	11	3	28.2	14 8	35	9m 1	23 33	18 3	4 27	3 19	9 50	12 59	1 17						
9	Tu	11	7	24.7	15 6	52	22 32	25 17	19 15	5 6	3 20	9 49	13 0	1 18						
10		11	11	21.3	16 5	11	5m 50	27 0	20 27	5 46	3 22	9 48	13 1	1 19						
11	W	11	19	14.4	18 1	56	1m 51	0s 24	22 51	7 7	3 26	9 48	13 3	1 20						
12	Th	11	23	11.0	19 0	21	14 32	2 4	24 3	7 47	3 28	9 47	13 4	1 21						
13	F	11	27	7.5	19 58	48	27 0	3 43	25 14	8 27	3 31	9 47	13 5	1 22						
14	S	11	31	4.1	20 57	17	9 14	5 21	26 26	9 8	3 34	9 47	13 6	1 22						
15	W	11	35	0.6	21 55	48	21 18	6 58	27 38	9 48	3 36	9 D 47	13 7	1 23						
16	M	11	38	57.2	22 54	21	3m 13	8 33	28 50	10 29	3 39	9 47	13 9	1 24						
17	Tu	11	42	53.7	23 52	55	15 1	10 8	0m 2	11 10	3 43	9 48	13 10	1 24						
18	W	11	46	50.3	24 51	31	26 47	11 41	1 13	11 50	3 46	9 48	13 11	1 25						
19	Th	11	50	46.8	25 50	9	8 36	13 14	2 25	12 31	3 50	9 48	13 13	1 25						
20	F	11	54	43.4	26 48	48	20 32	14 45	3 36	13 12	3 53	9 49	13 14	1 26						
21	S	11	58	39.9	27 47	29	2 342	16 16	4 48	13 53	3 57	9 49	13 16	1 26						
22	M	12	2	36.5	28 46	12	15 9	17 46	6 0	14 34	4 1	9 50	13 17	1 27						
23	Tu	12	6	33.0	29 44	57	27 58	19 14	7 11	15 15	4 6	9 51	13 19	1 27						
24	W	12	10	29.6	0s 43	43	11 13	20 42	8 22	15 57	4 10	9 52	13 20	1 28						
25		12	14	26.1	1 42	31	24 55	22 8	9 34	16 38	4 15	9 53	13 22	1 28						
26	Th	12	18	22.7	2 41	21	9 4	23 34	10 45	17 19	4 19	9 54	13 24	1 28						
27	F	12	22	19.2	3 40	12	23 35	24 58	11 56	18 1	4 24	9 55	13 26	1 29						
28	S	12	26	15.8	4 39	6	8 22	26 21	13 8	18 43	4 30	9 57	13 27	1 29						
29	M	12	30	12.3	5 38	2	23 17	27 44	14 19	19 24	4 35	9 58	13 29	1 29						
30	Tu	12	34	8.9	6 37	0	8 8 13	29 5	15 30	20 6	4 40	10 0	13 31	1 29						
31		12	38	5.4	7 36	0	23 1	0m 24	16 41	20 48	4 46	10 1	13 33	1 29						

SEPTEMBER, 1901

D M	DECLINATIONS				LATITUDES				MOON'S NODE			
	γ	δ	H	Ψ	γ	δ	H	Ψ				
1	o 23 S 31	22 S 43	22 S 23	22 N 17	1 N 33	o N 32	o S 20	o S 6	o N 22	o S 2	1 S 10	16 m 56
3	23 31	22 43	22 24	22 17	1 25	o 26	o 22	o 6	o 22	o 2	1 10	16 50
5	23 31	22 44	22 24	22 17	1 15	o 20	o 23	o 6	o 22	o 2	1 10	16 43
7	23 31	22 44	22 24	22 17	1 4	o 14	o 25	o 7	o 21	o 2	1 10	16 37
9	23 31	22 44	22 24	22 17	o 52	o 8	o 26	o 7	o 21	o 2	1 10	16 30
11	23 31	22 44	22 24	22 17	o 39	o N 1	o 27	o 7	o 21	o 2	1 10	16 24
13	23 31	22 45	22 25	22 17	o 25	o S 5	o 29	o 7	o 21	o 2	1 10	16 18
15	23 32	22 45	22 25	22 17	o N 11	o 12	o 30	o 7	o 20	o 2	1 10	16 11
17	23 32	22 45	22 25	22 17	o S 4	o 19	o 31	o 8	o 20	o 2	1 10	16 5
19	23 32	22 45	22 26	22 16	o 19	o 26	o 33	o 8	o 20	o 2	1 10	15 59
21	23 31	22 45	22 26	22 16	o 34	o 33	o 34	o 8	o 20	o 2	1 10	15 52
23	23 31	22 46	22 27	22 16	o 48	o 40	o 35	o 8	o 20	o 2	1 10	15 46
25	23 31	22 46	22 27	22 16	1 3	o 46	o 36	o 8	o 19	o 2	1 10	15 40
27	23 31	22 46	22 27	22 16	1 18	o 53	o 37	o 9	o 19	o 2	1 10	15 33
29	23 31	22 46	22 28	22 16	1 33	1 0	o 39	o 9	o 19	o 2	1 10	15 27
31	23 31	22 46	22 28	22 16	1 47	1 7	o 40	o 9	o 19	o 2	1 11	15 21
D M	DECLINATIONS				LONG. MIDNIGHT	MUTUAL ASPECTS, ETC.						
D M	\odot	γ	δ	H								
1	o 8 N 27	8 N 14	3 S 48	11 S 58	21 T 23	8 □ H 3 II. Q.Ψ.						
2	8 5	7 27	4 19	12 12	5 8 52	○ Δ h 14 49. ♀ * H 18 2. δ Δ Ψ 2 9.						
3	7 43	6 41	4 50	12 27	20 13	♀ L δ.						
4	7 21	5 54	5 21	12 41	4 II 24	♀ P. ♀.						
5	6 59	5 7	5 51	12 55	18 24	○ □ H 19 3. δ * γ 5 51.						
6	6 37	4 20	6 22	13 10	2 φ 12	○ Q.Ψ., P. ♀ 6 58.						
7	6 15	3 33	6 52	13 24	15 48							
8	5 52	2 46	7 22	13 38	29 13	♀ Q. γ.						
9	5 29	1 59	7 52	13 52	12 φ 25							
10	5 7	1 13	8 22	14 6	25 26							
11	4 44	o N 26	8 52	14 19	8 m 13	♀ □ Ψ 13 37. Q. H. ♀ in γ 10H.						
12	4 21	o S 20	9 22	14 33	20 47	♀ □ γ 21 I.						
13	3 58	1 5	9 51	14 47	3 ± 9	δ * h 23 21. h stationary on.						
14	3 35	1 50	10 20	15 1	15 18	○ P. ♀ 1 18. ♀ Q. h, L H.						
15	3 12	2 35	10 49	15 14	27 16							
16	2 49	3 20	11 18	15 27	9 m 7	♀ □ h 18 51. ♀ in γ 13H.						
17	2 26	4 4	11 47	15 41	20 55	♀ Δ Ψ 3 57 ♀ * H 23 44. L δ.						
18	2 3	4 47	12 15	15 54	2 φ 41							
19	1 39	5 30	12 43	16 7	14 33	♀ * γ 5 59. δ L H.						
20	1 16	6 13	13 11	16 20	26 35							
21	o 53	6 55	13 38	16 33	8 m 53							
22	o 29	7 36	14 5	16 46	21 30	○ enters ± 6H. 8.9M.						
23	o N 6	8 17	14 32	16 59	4 ± 33	○ L δ 17 51. □ Ψ 18 4. Q. H. δ □ Ψ.						
24	o S 47	8 57	14 59	17 11	18 1	♀ * h 6 35. ♀ Q. γ.						
25	o 41	9 36	15 25	17 24	1 x 56							
26	1 4	10 15	15 51	17 36	16 17	♀ in aphelion 19II.						
27	1 28	10 53	16 16	17 48	o T 57	○ □ γ 7 44.						
28	1 51	11 30	16 41	18 0	15 49	♀ L H.						
29	2 14	12 7	17 6	18 12	o 8 46	δ L γ. ♀ Q. h. L H.						
30	2 38	12 43	17 30	18 24	15 38	♀ □ Ψ.						
31	3 1	13 18	17 54	18 36	o II 20							

OCTOBER, 1901

D M	MOON'S DECLINATION				MOON'S LATIT.		D M	MOON'S DECLINATION				MOON'S LATIT.	
	Noon	6 hrs.	Midnt.	18 hrs.	Noon	Midnt.		Noon	6 hrs.	Midnt.	18 hrs.	Noon	Midnt.
1	c ,	o ,	o ,	o ,	o ,	o ,	17	19 S 55	19 S 57	19 S 55	19 S 50	2 N 55	3 N 29
2	17 N 45	18 N 18	18 48	19 12	0 S 49	1 S 28	18	19 41	19 29	19 14	18 55	3 46	4 8
3	19 31	19 46	19 56	20 0	2 5	2 40	19	18 33	18 7	17 38	17 6	4 27	4 44
4	20 0	19 55	19 46	19 32	3 12	3 41	20	16 31	15 52	15 10	14 26	4 58	5 8
5	19 13	18 51	18 24	17 54	4 6	4 28	21	13 38	12 48	11 55	10 59	5 14	5 17
6	17 20	16 43	16 2	15 19	4 45	4 58	22	10 1	9 0	7 57	6 52	5 15	5 10
7	14 33	13 44	12 53	12 1	5 7	5 12	23	5 45	4 S 36	3 S 26	2 S 15	.4 59	4 44
8	11 6	10 9	9 11	8 12	5 13	5 10	24	1 S 3	0 N 11	1 N 25	2 N 39	4 25	4 1
9	7 12	6 10	5 8	4 N 6	5 3	4 52	25	3 N 53	5 6	6 19	7 31	3 33	3 1
10	3 N 3	1 N 59	0 N 56	0 S 7	4 38	4 21	26	8 42	9 51	10 57	12 2	2 25	1 47
11	1 S 10	2 S 13	3 S 15	4 16	3 38	3 38	27	13 3	14 1	14 56	15 47	1 N 6	0 N 24
12	5 17	6 17	7 15	8 12	3 13	2 46	28	16 34	17 16	17 54	18 27	0 S 18	1 S 0
13	9 8	10 3	10 55	11 46	2 17	1 46	29	18 55	19 17	19 35	19 47	1 40	2 19
14	12 36	13 23	14 8	14 50	1 15	0 S 43	30	19 54	19 56	19 52	19 44	2 55	3 27
15	15 31	16 8	16 44	17 16	0 S 11	0 N 22	31	19 31	19 13	18 50	18 24	3 56	4 21
16	17 46	18 13	18 37	18 58	0 N 54	1 26	32	17 53	17 19	16 41	16 0	4 41	4 57
D M	D W	SIDEREAL TIME			LONGITUDES								
		○	Δ	♀	♀	♂	♀	♂	♀	♂	♀	♂	♀
1	Tu	H 12 38	M 5.4	S 7 36 0	23 8 1	0 m 24	16 m 41	20 m 48	4 h 46	10 h 1	13 h 33	1 d 29	0
2	W	12 42	2.0	8 35 2	7 II 35	I 43	17 52	21 30	4 52	10 3	13 35	1 30	0
3	Th	12 45	58.5	9 34 6	21 53	3 0	19 3	22 12	4 58	10 5	13 37	1 30	0
4	F	12 49	55.1	10 33 13	5 w 51	4 16	20 14	22 54	5 4	10 7	13 39	1 30	0
5	S	12 53	51.6	11 32 23	19 30	5 31	21 24	23 36	5 10	10 9	13 41	1 R 30	0
6	Mo	12 57	48.2	12 31 34	2 d 50	6 44	22 35	24 18	5 16	10 11	13 43	1 30	0
7	M	13 1	44.8	13 30 48	15 54	7 55	23 46	25 0	5 23	10 13	13 46	1 30	0
8	Tu	13 5	41.3	14 30 5	28 42	9 4	24 57	25 43	5 30	10 15	13 48	1 29	0
9	W	13 9	37.9	15 29 23	1 I m 17	10 12	26 7	26 25	5 36	10 18	13 50	1 29	0
10	Th	13 13	34.4	16 28 44	23 40	11 17	27 18	27 8	5 43	10 20	13 53	1 29	0
11	F	13 17	31.0	17 23 7	5 d 52	12 21	28 28	27 50	5 51	10 23	13 55	1 29	0
12	S	13 21	27.5	18 27 32	17 55	13 22	29 39	28 33	5 58	10 25	13 57	1 29	0
13	Mo	13 25	24.1	19 26 59	29 51	14 20	0 d 49	29 16	6 5	10 28	14 0	1 29	0
14	M	13 29	20.6	20 26 28	1 I m 41	15 15	1 59	29 59	6 13	10 31	14 2	1 28	0
15	Tu	13 33	17.2	21 25 59	23 27	16 7	3 10	0 d 42	6 21	10 34	14 5	1 28	0
16	W	13 37	13.7	22 25 32	5 d 14	16 56	4 20	1 25	6 29	10 37	14 7	1 28	0
17	Th	13 41	10.3	23 25 7	17 3	17 40	5 30	2 8	6 37	10 40	14 10	1 27	0
18	F	13 45	6.8	24 24 43	29 0	18 20	6 40	2 51	6 45	10 43	14 13	1 27	0
19	S	13 49	3.4	25 24 22	1 I m 7	18 56	7 50	3 34	6 53	10 46	14 15	1 26	0
20	Mo	13 52	59.9	26 24 2	23 31	19 26	9 0	4 17	7 2	10 50	14 18	1 26	0
21	M	13 56	56.5	27 23 44	6 d 16	19 51	10 9	5 1	7 10	10 53	14 21	1 25	0
22	Tu	14 0	53.0	28 23 27	19 25	20 9	11 19	5 44	7 19	10 57	14 24	1 25	0
23	W	14 4	49.6	29 23 13	3 x 1	20 20	12 29	6 27	7 28	11 0	14 26	1 24	0
24	Th	14 8	46.2	0 m 23 0	17 5	20 24	13 38	7 11	7 37	11 4	14 29	1 23	0
25	F	14 12	42.7	I 22 48	I m 35	20 R 20	14 47	7 55	7 46	11 8	14 32	1 23	0
26	S	14 16	39.3	2 22 39	16 27	20 8	15 57	8 38	7 55	11 11	14 35	1 22	0
27	Mo	14 20	35.8	3 22 31	1 8 33	19 46	17 6	9 22	8 4	11 15	14 38	1 21	0
28	W	14 24	32.4	4 22 25	16 45	19 15	18 15	10 6	8 14	11 19	14 41	1 21	0
29	Th	14 28	28.9	5 22 22	1 D 53	18 35	19 24	10 50	8 23	11 24	14 44	1 20	0
30	F	14 32	25.5	6 22 20	16 48	17 46	20 33	11 34	8 33	11 28	14 47	1 19	0
31	Mo	14 36	22.0	7 22 21	1 23	16 48	21 41	12 18	8 43	11 32	14 50	1 18	0
32	W	14 40	18.6	8 22 23	15 35	15 43	22 50	13 2	8 53	11 36	14 53	1 17	0

OCTOBER, 1901

D M	DECLINATIONS				LATITUDES								Moon's Node	
	α	δ	β	ψ	α	δ	β	ψ	α	δ	β	ψ		
1	23 S 31	22 S 46	22 S 28	22 N 16	1 S 47	1 S 7	0 S 40	0 S 9	0 N 19	0 S 2	I II	15 M 21		
3	23 31	22 46	22 29	22 16	2 1	I 14	0 41	0 9	0 18	0 2	I II	15 14		
5	23 30	22 46	22 29	22 16	2 15	I 21	0 42	0 9	0 18	0 2	I II	15 8		
7	23 30	22 45	22 30	22 16	2 27	I 28	0 43	0 9	0 18	0 2	I II	15 2		
9	23 29	22 45	22 30	22 16	2 38	I 34	0 44	0 10	0 18	0 2	I II	14 55		
11	23 29	22 45	22 31	22 16	2 48	I 41	0 45	0 10	0 18	0 2	I II	14 49		
13	23 29	22 45	22 32	22 16	2 57	I 47	0 46	0 10	0 17	0 2	I II	14 42		
15	23 28	22 45	22 32	22 16	3 4	I 54	0 47	0 10	0 17	0 2	I II	14 36		
17	23 27	22 44	22 33	22 16	3 8	2 0	0 48	0 10	0 17	0 2	I II	14 30		
19	23 27	22 44	22 34	22 16	3 11	2 6	0 49	0 10	0 17	0 2	I II	14 23		
21	23 25	22 44	22 34	22 15	3 8	2 12	0 50	0 11	0 17	0 2	I II	14 17		
23	23 25	22 43	22 35	22 15	3 3	2 17	0 51	0 11	0 16	0 2	I II	14 11		
25	23 24	22 43	22 36	22 15	2 25	2 22	0 52	0 11	0 16	0 2	I II	14 4		
27	23 23	22 43	22 36	22 15	2 35	2 27	0 53	0 11	0 16	0 2	I II	13 58		
29	23 22	22 42	22 37	22 15	2 11	2 32	0 54	0 11	0 16	0 2	I II	13 52		
31	23 21	22 41	22 37	22 15	I 41	2 36	0 55	0 11	0 16	0 2	I II	13 45		
32	23 21	22 41	22 38	22 15	I 24	2 38	0 55	0 11	0 15	0 2	I II	13 42		
D M	DECLINATIONS				LONG. MIDNIGHT				MUTUAL ASPECTS, ETC.					
	\odot	α	δ	β	\odot	α	δ	β	$\odot \Delta \Psi$	$\odot \square \beta$	$\odot \square \alpha$	$\odot \square \beta$	$\odot \square \alpha$	
1	3 S 1	13 S 18	17 S 54	18 S 36	0 II 20				$\Psi \Delta \Psi$ 19 53.					
2	3 24	13 52	18 18	18 48	I 4 46				$\odot \square \beta$ 12 50.	$\Psi \square \alpha$.				
3	3 48	14 25	18 41	18 59	28 54				$\Psi * \beta$ 16 39.	$\Psi P. \beta$.	Ψ stationary 18H.			
4	4 11	14 57	19 13	19 10	I 22 42									
5	4 34	15 29	19 25	19 22	26 12									
6	4 57	15 59	19 47	19 33	9 II 24									
7	5 20	16 28	20 8	19 43	22 20									
8	5 43	16 56	20 29	19 54	5 m I									
9	6 6	17 23	20 49	20 5	I 7 30									
10	6 29	17 49	21 9	20 15	29 47									
11	6 52	18 13	21 28	20 25	I I 55				$\Psi \square \beta$.	Ψ greatest elongation $25^{\circ}3'$ E.				
12	7 14	18 36	21 47	20 35	23 54				Ψ 150 Ψ , P. Ψ .					
13	7 37	18 58	22 5	20 45	5 m 46				Ψ P. β .					
14	7 59	19 18	22 23	20 55	I 7 34				$\Psi \square \Psi$.	Ψ P. β .	Ψ in aphelion 22H.			
15	8 22	19 36	22 40	21 5	29 20									
16	8 44	19 53	22 56	21 14	I I 7 8				δ 150 Ψ .					
17	9 6	20 7	23 12	21 23	23 0				Ψ P. β 23 55.					
18	9 28	20 20	23 27	21 32	5 m 2				$\odot Q. \beta$.	$\Psi \square \beta$.				
19	9 50	20 30	23 42	21 41	I 7 17									
20	10 12	20 38	23 56	21 49	29 51									
21	10 33	20 44	24 9	21 58	I 2 47				$\Psi \square \beta$.					
22	10 54	20 47	24 22	22 6	26 9				$\odot Q. \beta$.					
23	11 16	20 46	24 34	22 14	9 m 59				$\odot \square \beta$.	δ P. ψ .				
24	11 37	20 43	24 46	22 22	24 17				$\delta \square \beta$.	$\Psi \square \beta$ 18 30.	Ψ stationary 5H.			
25	11 58	20 36	24 56	22 30	8 m 58				$\odot \Delta \Psi$ noon.	β P. β .				
26	12 18	20 25	25 7	22 37	23 58				δ P. β 6 40.					
27	12 39	20 10	25 16	22 44	9 8 9				β eclipsed, partly visible at Greenwich.					
28	12 59	19 51	25 25	22 51	24 20				$\Psi \square \beta$.					
29	13 19	19 28	25 33	22 58	9 II 22				$\delta \square \beta$.					
30	13 39	19 1	25 41	23 4	24 8				$\Psi \square \Psi$.					
31	13 59	18 29	25 47	23 11	8 m 32									
32	14 18	17 53	25 54	23 17	22 31									

NOVEMBER, 1901

		MOON'S DECLINATION				MOON'S LATIT.				MOON'S DECLINATION				MOON'S LATIT.		
D	M	Noon	6 hrs.	Midnt.	18 hrs.	Noon	Midnt.	D	M	Noon	6 hrs.	Midnt.	18 hrs.	Noon	Midnt.	
1	17	17 N 53	17 N 19	16 N 41	16 N 0	4 S 41	4 S 57	17	14	14 S 32	13 S 46	12 S 57	12 S 6	5 N 12	5 N 16	
2	15	15 16	14 29	13 40	12 48	5 8	5 15	18	11	12	10 16	9 18	8 18	5 17	5 14	
3	11	11 55	10 59	10 2	9 4	5 18	5 17	19	7	16	6 12	5 6	3 S 59	5 7	4 55	
4	8	8 4	7 4	6 3	5 1	5 11	5 2	20	2	2	1 S 51	1 S 42	0 S 32	0 N 39	4 40	4 20
5	3	3 N 58	2 N 56	1 N 53	0 N 50	4 49	4 33	21	1	1 N 51	3 N 2	4 N 14	5 25	3 56	3 28	
6	6	o S 13	1 S 15	2 S 17	3 S 19	4 14	3 52	22	6	36	7 46	8 54	10 1	2 56	2 21	
7	7	4 20	5 20	6 19	7 17	3 28	3 1	23	11	6	12 9	13 9	14 7	1 44	1 N 4	
8	8	8 14	9 9	10 3	10 55	2 33	2 3	24	15	1	15 51	16 38	17 20	0 N 23	0 S 19	
9	9	11 46	12 35	13 22	14 6	1 32	1 S 0	25	17	57	18 30	18 58	19 20	1 S 1	1 42	
10	10	14 49	15 29	16 7	16 42	0 S 28	0 N 5	26	19	38	19 49	19 56	19 56	2 21	2 57	
11	11	17 15	17 45	18 12	18 36	0 N 38	1 10	27	19	52	19 42	19 27	19 7	3 30	3 58	
12	12	18 57	19 15	19 30	19 41	1 42	2 12	28	18	43	18 14	17 41	17 4	4 23	4 43	
13	13	19 49	19 54	19 56	19 54	2 41	3 9	29	16	23	15 39	14 51	14 1	4 58	5 8	
14	14	19 49	19 41	19 29	19 13	3 34	3 58	30	13	9	12 14	11 18	10 20	5 14	5 15	
15	15	18 55	18 33	18 8	17 39	4 18	4 36	31	9	20	8 19	7 17	6 15	5 12	5 4	
16	16	17 8	16 33	15 56	15 15	4 51	5 3									
D	M	SIDEREAL TIME		LONGITUDES												
D	W	H	M	S	○	○	○	○	○	○	○	○	○	○	○	
1	F	14	40	18.6	8 m 22	23	15 m 35	15 m 43	22 f 50	13 f 2	8 m 53	11 h 36	14 f 53	1 o 17		
2	S	14	44	15.1	9 22	28	29 21	14 h 31	23 59	13 46	9 3	11 41	14 56	1 R 17		
3	z	14	48	11.7	10 22	35	12 h 43	13 15	25 7	14 30	9 13	11 45	15 0	1 16		
4	M	14	52	8.2	11 22	44	25 42	11 56	26 15	15 15	9 23	11 50	15 3	1 15		
5	Tu	14	56	4.8	12 22	55	8 m 21	10 38	27 23	15 59	9 33	11 54	15 6	1 14		
6	W	15	0	1.4	13 23	8	20 44	9 22	28 31	16 43	9 44	11 59	15 9	1 13		
7	Th	15	3	57.9	14 23	23	2 ^ 54	8 12	29 39	17 28	9 55	12 4	15 12	1 12		
8	F	15	7	54.5	15 23	41	14 55	7 8	0 m 47	18 12	10 5	12 9	15 16	1 11		
9	S	15	11	51.0	16 24	0	26 48	6 14	1 54	18 57	10 16	12 14	15 19	1 10		
10	z	15	15	47.6	17 24	21	8 m 37	5 30	3 2	19 42	10 27	12 19	15 22	1 8		
11	M	15	19	44.1	18 24	43 ¹	20 24	4 57	4 9	20 27	10 38	12 24	15 26	1 7		
12	Tu	15	23	40.7	19 25	7	2 f 12	4 30	5 16	21 11	10 49	12 29	15 29	1 6		
13	W	15	27	37.2	20 25	33	14 2	4 26	6 23	21 56	11 0	12 34	15 32	1 5		
14	Th	15	31	33.8	21 26	1	25 56	4 128	7 30	22 41	11 11	12 39	15 36	1 4		
15	F	15	35	30.3	22 26	30	7 m 58	4 41	8 36	23 26	11 22	12 44	15 39	1 2		
16	S	15	39	26.9	23 27	0	20 10	5 3	9 43	24 11	11 34	12 50	15 43	1 1		
17	z	15	43	23.5	24 27	32	2 m 35	5 36	10 49	24 56	11 45	12 55	15 46	1 0		
18	M	15	47	20.0	25 28	5	15 17	6 16	11 55	25 42	11 57	13 1	15 50	0 59		
19	Tu	15	51	16.6	26 28	39	28 19	7 3	13 1	26 27	12 9	13 6	15 53	0 57		
20	W	15	55	13.1	27 29	14	11 * 44	7 57	14 6	27 12	12 21	13 12	15 57	0 56		
21	Th	15	59	9.7	28 29	51	25 35	8 55	15 11	27 57	12 32	13 18	16 0	0 55		
22	F	16	3	6.2	29 30	28	9 m 51	10 0	16 16	28 43	12 44	13 23	16 4	0 53		
23	S	16	7	2.8	0 f 31	7	24 30	11 8	17 21	29 28	12 56	13 29	16 7	0 52		
24	z	16	10	59.4	1 31	47	9 8 29	12 21	18 26	0 m 14	13 8	13 35	16 11	0 50		
25	M	16	14	55.9	2 32	28	24 40	13 36	19 30	0 59	13 21	13 41	16 14	0 49		
26	Tu	16	18	52.5	3 33	11	9 m 54	14 54	20 34	1 45	13 33	13 47	16 18	0 48		
27	W	16	22	49.0	4 33	55	25 0	16 14	21 38	2 31	13 45	13 53	16 22	0 46		
28	Th	16	26	45.6	5 34	40	9 m 50	17 36	22 41	3 16	13 58	13 59	16 25	0 45		
29	F	16	30	42.1	6 35	27	24 17	19 0	23 44	4 2	14 10	14 5	16 29	0 43		
30	S	16	34	38.7	7 36	15	8 m 16	20 25	24 47	4 48	14 22	13 11	16 33	0 42		
31	z	16	38	35.2	8 37	5	23 47	21 52	25 50	5 34	14 35	13 17	16 36	0 40		

NOVEMBER, 1901

D M	DECLINATIONS				LATITUDES								MOON'S NODE
	γ	δ	H	ψ	α	δ	σ	γ	δ	H	ψ		
1	o 1	o 1	o 1	o 1	1 S 24	2 S 38	o S 55	o S 11	o N 15	o S 2	1 S 11	13 m 42	
3	23 19	22 41	22 39	22 15	0 45	2 42	0 56	0 12	0 15	0 2	1 11	13 36	
5	23 18	22 40	22 39	22 15	0 4	2 46	0 56	0 12	0 15	0 2	1 12	13 29	
7	23 17	22 39	22 40	22 15	0 N 37	2 49	0 57	0 12	0 15	0 2	1 12	13 23	
9	23 15	22 39	22 41	22 15	1 12	2 51	0 58	0 12	0 15	0 2	1 12	13 17	
11	23 14	22 38	22 42	22 15	1 41	2 54	0 59	0 12	0 14	0 2	1 12	13 10	
13	23 12	22 37	22 42	22 15	2 2	2 55	0 59	0 12	0 14	0 2	1 12	13 4	
15	23 10	22 36	22 43	22 15	2 16	2 57	1 0	0 13	0 14	0 3	1 12	12 58	
17	23 8	22 35	22 44	22 15	2 23	2 57	1 1	0 13	0 14	0 3	1 12	12 51	
19	23 6	22 35	22 45	22 15	2 25	2 58	1 1	0 13	0 14	0 3	1 12	12 45	
21	23 4	22 34	22 45	22 15	2 22	2 57	1 2	0 13	0 14	0 3	1 12	12 39	
23	23 2	22 33	22 46	22 15	2 15	2 57	1 2	0 13	0 13	0 3	1 12	12 32	
25	23 0	22 32	22 47	22 15	2 6	2 55	1 3	0 13	0 13	0 3	1 12	12 26	
27	22 58	22 31	22 48	22 15	1 56	2 53	1 3	0 13	0 13	0 3	1 12	12 19	
29	22 55	22 30	22 48	22 15	1 43	2 50	1 4	0 14	0 13	0 3	1 12	12 13	
31	22 53	22 28	22 49	22 15	1 30	2 47	1 4	0 14	0 13	0 3	1 12	12 7	
D M	DECLINATIONS				LONG. MIDNIGHT	MUTUAL ASPECTS, ETC.							
	\odot	γ	δ	σ									
1	14 S 18	17 S 53	25 S 54	23 S 17	22 31	$\odot \times \gamma 14 33. \gamma \vee \text{H}, \delta P. \gamma.$							
2	14 37	17 14	25 59	23 23	6 A 5	$\gamma \vee \delta.$							
3	14 56	16 32	26 4	23 28	19 15	$\delta \delta \text{H} 17 5.$							
4	15 15	15 49	26 8	23 34	2 m 4	$\odot \delta (\text{Int.}) \gamma 5 47. * \text{h} 11 39. P. \gamma 12 49. \angle \gamma 23 7.$							
5	15 34	15 5	26 11	23 39	14 35	$\gamma * \gamma 17 56. \gamma \text{ in } \text{A} 4\text{H}. [\gamma \angle \gamma, * \text{h} 15 1.$							
6	15 52	14 21	26 14	23 44	26 51	$\odot \vee \text{H}.$							
7	16 10	13 40	26 16	23 48	8 \pm 55	$\odot \square \psi. \gamma \delta \psi 8 20.$							
8	16 28	13 2	26 17	23 53	20 52	$\gamma \text{ in perihelion } 18\text{H}.$							
9	16 45	12 28	26 18	23 57	2 m 43	$\gamma \angle \delta. \odot \text{ eclipsed, invisible at Greenwich.}$							
10	17 2	11 59	26 17	24 1	14 31								
11	17 19	11 35	26 17	24 5	26 18	$\gamma * \gamma 13 7.$							
12	17 36	11 17	26 15	24 8	8 \pm 6	$\gamma \text{ stationary } 1\text{H}.$							
13	17 52	11 5	26 13	24 11	19 58								
14	18 8	10 58	26 10	24 14	1 M 56								
15	18 23	10 57	26 7	24 17	14 2								
16	18 39	11 1	26 2	24 20	26 20	$\odot Bq. \psi.$							
17	18 54	11 8	25 57	24 22	8 \pm 54	$\odot \vee \delta. \gamma \delta \gamma 1 1.$							
18	19 8	11 20	25 52	24 24	21 45	$\odot \angle \gamma 19 43. \gamma \delta \text{h} 2 18.$							
19	19 23	11 36	25 46	24 25	4 \pm 59	$\odot \angle \text{h} 18 37. \gamma \text{ greatest elongation West } 19^{\circ}42'.$							
20	19 36	11 54	25 39	24 27	18 36								
21	19 50	12 14	25 31	24 28	2 \mp 40	$\gamma \vee \text{H}.$							
22	20 3	12 37	25 23	24 29	17 8	$\odot 150 \psi.$							
23	20 16	13 2	25 14	24 29	18 58	$\gamma * \gamma 18 10. \delta \delta \psi 19 6.$							
24	20 29	13 28	25 5	24 29	17 4	$\gamma * \text{h} 1 39.$							
25	20 41	13 55	24 55	24 30	2 II 17								
26	20 52	14 23	24 45	24 29	17 29	$\gamma \square \psi.$							
27	21 4	14 51	24 33	24 29	2 \mp 28	$\gamma \vee \text{H}. \gamma P. \delta.$							
28	21 15	15 20	24 22	24 28	17 7	$\gamma \delta \text{h} 4 28.$							
29	21 25	15 49	24 10	24 27	1 A 20	$\gamma \angle \delta.$							
30	21 35	16 18	23 57	24 26	15 5								
31	21 45	16 47	23 43	24 24	28 21								

DECEMBER, 1901

D M	MOON'S DECLINATION				MOON'S LATIT.		D M	MOON'S DECLINATION				MOON'S LATIT.		
	Noon	6 hrs.	Midnt.	18 hrs.	Noon	Midnt.		Noon	6 hrs.	Midnt.	18 hrs.	Noon	Midnt.	
1	9 N 20	8 N 19	7 N 17	6 N 15	5 S 12	5 S 4	17	4 S 12	3 S 6	1 S 59	0 S 50	4 N 40	4 N 23	
2	5 12	4 8	3 4	2 0	4 53	4 39	18	0 N 18	1 N 27	2 N 37	3 N 46	4 2	3 37	
3	0 N 57	0 S 7	1 S 10	2 S 13	4 21	4 0	19	4 55	6 3	7 11	8 18	3 9	2 38	
4	3 S 15	4 16	5 16	6 15	3 37	3 12	20	9 23	10 27	11 29	12 29	2 4	1 28	
5	7 13	8 10	9 6	10 0	2 45	2 16	21	13 26	14 20	15 12	16 0	0 N 50	0 N 11	
6	10 52	11 43	12 32	13 19	1 46	1 15	22	16 44	17 25	18 1	18 33	0 S 29	1 S 9	
7	14 4	14 46	15 27	16 5	0 S 43	0 S 11	23	19 0	19 22	19 38	19 50	1 47	2 24	
8	16 40	17 13	17 43	18 11	0 N 22	0 N 54	24	19 56	19 57	19 53	19 43	2 58	3 30	
9	18 35	18 57	19 15	19 30	1 25	1 56	25	19 28	19 8	18 43	18 14	3 57	4 20	
10	19 42	19 51	19 56	19 58	2 25	2 53	26	17 40	17 2	16 20	15 35	4 39	4 53	
11	19 57	19 52	19 44	19 32	3 19	3 43	27	14 46	13 54	13 0	12 4	5 2	5 6	
12	19 17	18 58	18 36	18 11	4 5	4 24	28	11 5	10 5	9 3	8 0	5 6	5 1	
13	17 43	17 11	16 37	15 59	4 40	4 53	29	6 56	5 51	4 46	3 N 41	4 52	4 39	
14	15 19	14 36	13 50	13 1	5 2	5 8	30	2 N 35	1 N 30	0 N 25	0 S 49	4 22	4 3	
15	12 10	11 17	10 22	9 25	5 10	5 8	31	1 S 44	2 S 48	3 S 50	4 52	3 41	3 16	
16	8 25	7 24	6 22	5 18	5 3	4 54	32	5 52	6 52	7 50	8 46	2 50	2 22	
D M	D W	SIDEREAL TIME			⊖	⊕	♀	♀	♂	♂	☿	☿	♃	
1	S	H	M	S	°	'	"	°	'	"	°	'	"	
2	M	16	38	35.2	8 437	5	21 8 47	21 11 52	25 0 50	5 13 34	14 13 35	14 13 17	16 2 36	0 0 40
3	Tu	16	42	31.8	9 37	56	4 m 50	23 19	26 52	6 20	14 48	14 23	16 40	0 13 38
4	W	16	46	28.4	10 38	49	17 29	24 48	27 54	7 6	15 0	14 30	16 43	0 37
5	Th	16	50	24.9	11 39	43	29 48	26 17	28 55	7 52	15 13	14 36	16 47	0 35
6	F	16	54	21.5	12 40	38	11 ~ 53	27 46	29 56	8 38	15 26	14 42	16 51	0 34
7	S	16	58	18.0	13 41	34	23 47	29 16	0 m 57	9 24	15 39	14 49	16 54	0 32
8	M	17	2	14.6	14 42	32	5 m 35	0 47	1 57	10 10	15 52	14 55	16 58	0 30
9	Tu	17	6	11.1	15 43	31	17 21	2 18	2 57	10 56	16 5	15 2	17 2	0 29
10		17	10	7.7	16 44	30	29 9	3 49	3 56	11 42	16 18	15 8	17 5	0 27
11	W	17	18	0.8	18 46	33	22 57	6 52	5 54	13 15	16 44	15 21	17 13	0 24
12	Th	17	21	57.4	19 47	35	5 2	8 24	6 52	14 1	16 58	15 28	17 16	0 22
13	F	17	25	53.9	20 48	39	17 15	9 56	7 50	14 48	17 11	15 34	17 20	0 21
14	S	17	29	50.5	21 49	42	29 39	11 29	8 47	15 34	17 24	15 41	17 24	0 19
15	S	17	33	47.0	22 50	47	12 ~ 14	13 1	9 43	16 21	17 38	15 48	17 27	0 17
16	M	17	37	43.6	23 51	52	25 2	14 34	10 39	17 7	17 51	15 55	17 31	0 15
17	Tu	17	41	40.2	24 52	57	8 ~ 5	16 6	11 34	17 54	18 4	16 1	17 35	0 14
18	W	17	45	36.7	25 54	2	21 26	17 39	12 29	18 41	18 18	16 8	17 38	0 12
19	Th	17	49	33.3	26 55	8	5 5	19 13	13 23	19 27	18 31	16 15	17 42	0 10
20	F	17	53	29.8	27 56	14	19 4	20 46	14 17	20 14	18 45	16 22	17 46	0 9
21	S	17	57	26.4	28 57	20	3 8 23	22 19	15 9	21 1	18 59	16 29	17 49	0 7
22	M	18	1	23.0	29 58	27	18 1	23 53	16 1	21 48	19 12	16 36	17 53	0 5
23	Tu	18	5	19.5	0 3 59	34	2 II 54	25 27	16 52	22 34	19 26	16 42	17 56	0 4
24	W	18	9	16.1	2 0	40	17 54	27 1	17 43	23 21	19 40	16 49	18 0	0 2
25		18	13	12.6	3 1	48	2 ~ 53	28 35	18 32	24 8	19 53	16 56	18 4	0 0
26	Th	18	17	9.2	4 2	55	17 42	0 10	19 21	24 55	20 7	17 3	18 7	29 II 59
27	F	18	21	5.7	5 4	3	2 ~ 13	1 45	20 9	25 42	20 21	17 10	18 11	29 57
28	S	18	25	2.3	6 5	11	16 20	3 20	20 56	26 29	20 35	17 17	18 14	29 55
29	M	18	28	58.9	7 6	19	20 58	4 55	21 42	27 16	20 49	17 24	18 18	29 53
30	Tu	18	32	55.4	8 7	28	13 m 9	6 31	22 27	28 3	21 3	17 31	18 21	29 52
31		18	36	52.0	9 8	38	25 53	8 7	23 11	28 50	21 17	17 38	18 25	29 50
32	W	18	40	48.5	10 9	47	8 ~ 15	9 43	23 54	29 37	21 30	17 45	18 28	29 48

DECEMBER, 1901

D M	DECLINATIONS				LATITUDES								MOON'S NODE
	α	δ	β	ψ	α	δ	β	ψ	α	δ	β	ψ	
1	22 S 53	22 S 28	22 S 49	22 N 15	1 N 30	2 S 47	1 S 4	0 S 14	0 N 13	0 S 3	1 I 12	12 m 7	
3	22 50	22 27	22 50	22 15	1 16	2 43	1 5	0 14	0 13	0 3	1 I 12	12 0	
5	22 47	22 26	22 51	22 15	1 2	2 38	1 5	0 14	0 12	0 3	1 I 12	11 54	
7	22 45	22 25	22 51	22 15	0 47	2 33	1 5	0 14	0 12	0 3	1 I 12	11 48	
9	22 42	22 23	22 52	22 15	0 33	2 27	1 6	0 14	0 12	0 3	1 I 12	11 41	
11	22 38	22 22	22 53	22 15	0 18	2 20	1 6	0 15	0 12	0 3	1 I 12	11 35	
13	22 35	22 21	22 54	22 15	0 N 4	2 12	1 6	0 15	0 12	0 3	1 I 12	11 29	
15	22 32	22 19	22 54	22 15	0 S 10	2 3	1 6	0 15	0 12	0 3	1 I 12	11 22	
17	22 29	22 18	22 55	22 15	0 24	1 54	1 7	0 15	0 11	0 3	1 I 12	11 16	
19	22 25	22 16	22 56	22 15	0 37	1 44	1 7	0 15	0 11	0 3	1 I 12	11 10	
21	22 22	22 15	22 56	22 15	0 49	1 32	1 7	0 15	0 11	0 3	1 I 12	11 3	
23	22 18	22 13	22 57	22 15	1 1	1 20	1 7	0 16	0 11	0 3	1 I 12	10 57	
25	22 14	22 12	22 58	22 15	1 12	1 7	1 7	0 16	0 11	0 3	1 I 12	10 51	
27	22 10	22 10	22 58	22 15	1 23	0 53	1 7	0 16	0 11	0 3	1 I 12	10 44	
29	22 6	22 9	22 59	22 15	1 32	0 38	1 7	0 16	0 10	0 3	1 I 12	10 38	
31	22 2	22 7	23 0	22 15	1 41	0 22	1 7	0 16	0 10	0 3	1 I 12	10 31	
32	22 0	22 6	23 0	22 15	1 45	0 14	1 7	0 16	0 10	0 3	1 I 12	10 28	
D M	DECLINATIONS				LONG. MIDNIGHT	MUTUAL ASPECTS, ETC.							
	\odot	α	δ	β									
1	21 S 45	16 S 47	23 S 43	24 S 24	28 A 21								
2	21 54	17 16	23 30	24 22	11 m 12								
3	22 3	17 45	23 15	24 20	23 41								
4	22 11	18 13	23 0	24 18	5 \approx 52								
5	22 20	18 40	22 45	24 15	17 51								
6	22 27	19 7	22 29	24 12	29 42								
7	22 34	19 33	22 13	24 9	11 m 28								
8	22 41	19 59	21 56	24 5	23 15								
9	22 47	20 23	21 39	24 1	5 \approx 4								
10	22 53	20 47	21 22	23 57	16 58								
11	22 59	21 10	21 4	23 53	28 58								
12	23 3	21 32	20 45	23 48	11 5 7								
13	23 8	21 53	20 27	23 43	23 25								
14	23 12	22 13	20 8	23 38	5 \approx 55								
15	23 15	22 32	19 48	23 33	18 36								
16	23 18	22 50	19 29	23 27	1 \approx 32								
17	23 21	23 7	19 9	23 21	14 43								
18	23 23	23 23	18 48	23 15	28 13								
19	23 25	23 37	18 28	23 8	12 γ 2								
20	23 26	23 51	18 7	23 2	26 11								
21	23 27	24 3	17 46	22 55	10 8 40								
22	23 27	24 14	17 25	22 47	25 26								
23	23 27	24 23	17 4	22 40	10 II 23								
24	23 26	24 32	16 42	22 32	25 24								
25	23 25	24 39	16 20	22 24	10 ϖ 20								
26	23 23	24 45	15 59	22 16	25 1								
27	23 21	24 49	15 37	22 7	9 ϖ 20								
28	23 19	24 52	15 15	21 58	23 13								
29	23 16	24 54	14 53	21 49	6 ϖ 37								
30	23 12	24 54	14 31	21 40	19 34								
31	23 8	24 53	14 9	21 30	2 \approx 6								
32	23 4	24 50	13 47	21 20	14 19								

LUNAR ASPECTARIAN

SHOWING THE APPROXIMATE TIME OF ALL THE LUNAR ASPECTS FOR THE YEAR 1901

DM	Aspects	Time	DM	Aspects	Time	DM	Aspects	Time	DM	Aspects	Time	DM	Aspects	Time	DM	Aspects	Time	
JAN.		H M	JAN.		H M	JAN.		H M	FEB.		H M	FEB.		H M	FEB.		H M	
1	□ ⊙ 0 3	□ ⊗ 1 23	24	□ ⊗ 2 37	4	□ ⊗ 3 6	15	□ ⊗ 4 10	24	□ ⊗ 5 5	46	□ ⊗ 6 24	24	□ ⊗ 7 12	51	□ ⊗ 8 13	22	
	▽ ⊗ 3 37	* ⊗ 2 7		□ ⊗ 9 42		* ⊗ 3 16		△ ⊗ 10 16		△ ⊗ 11 15	16	△ ⊗ 12 19	48	△ ⊗ 13 19	0	□ ⊗ 14 8	7	
2	P ♀ 22 48	∠ ⊗ 2 22		* ⊗ 15 16		△ ⊗ 16 15		△ ⊗ 17 5		△ ⊗ 18 5	20	△ ⊗ 19 8	25	△ ⊗ 20 25	25	△ ⊗ 21 6	38	
	□ ⊗ 4 14	∠ ⊗ 5 2	25	* ⊗ 19 11	5	△ ⊗ 5 2	16	△ ⊗ 6 5	20	△ ⊗ 7 8	19	△ ⊗ 8 13	20	△ ⊗ 9 15	9	△ ⊗ 10 0	29	
	♂ ⊗ 6 3	∠ ⊗ 7 7		□ ⊗ 1 22		□ ⊗ 5 20		□ ⊗ 6 8		□ ⊗ 7 15	26	□ ⊗ 8 26		□ ⊗ 9 8		□ ⊗ 10 0	29	
3	□ ⊗ 8 37	* ⊗ 16 57		□ ⊗ 2 50		△ ⊗ 8 19												
	P ♀ 1 13	15	∠ ⊗ 1 43		△ ⊗ 9 53		□ ⊗ 16 43		□ ⊗ 17 6	30	△ ⊗ 18 1	30	△ ⊗ 19 8	9	△ ⊗ 20 18	1	△ ⊗ 21 18	9
	♂ ⊗ 5 39	* ⊗ 2 27		P ⊗ 18 26	6	□ ⊗ 13 41	17	□ ⊗ 14 6		△ ⊗ 14 13		△ ⊗ 15 8	25	△ ⊗ 16 27		△ ⊗ 17 53		
	△ ⊗ 7 10	∠ ⊗ 11 12	26	□ ⊗ 4 4		△ ⊗ 14 13		□ ⊗ 15 2		□ ⊗ 16 36		□ ⊗ 17 10	47	□ ⊗ 18 10	47	□ ⊗ 19 12	12	
	♂ ⊗ 16 4	∠ ⊗ 11 25		* ⊗ 4 58	7	△ ⊗ 12 51		□ ⊗ 1 2		□ ⊗ 2 12		□ ⊗ 3 10	47	□ ⊗ 4 12	47	□ ⊗ 5 15	13	
4	♂ ⊗ 8 1	∠ ⊗ 2 48		□ ⊗ 11 22		△ ⊗ 13 2		△ ⊗ 14 12		△ ⊗ 15 1		△ ⊗ 16 10	47	△ ⊗ 17 10	47	△ ⊗ 18 12	12	
	♂ ⊗ 8 57	P ⊗ 4 5		△ ⊗ 13 2														
5	♂ ⊗ 12 14	∠ ⊗ 7 7		□ ⊗ 21 52		□ ⊗ 20 27		□ ⊗ 21 5		□ ⊗ 22 16	38	□ ⊗ 23 17	15	□ ⊗ 24 17	15	□ ⊗ 25 16	35	
	∠ ⊗ 12 0	∠ ⊗ 10 7	27	△ ⊗ 4 41	8	* ⊗ 4 47		△ ⊗ 5 7	18	△ ⊗ 6 17	15	△ ⊗ 7 0	15	△ ⊗ 8 12	40	△ ⊗ 9 4	29	
	▽ ⊗ 12 17	□ ⊗ 12 39		□ ⊗ 5 7		□ ⊗ 6 17		△ ⊗ 5 23		△ ⊗ 7 11	43	△ ⊗ 8 9	20	△ ⊗ 9 15	46	△ ⊗ 10 15	46	
	□ ⊗ 16 18	∠ ⊗ 17 49		△ ⊗ 17 49		△ ⊗ 18 11		△ ⊗ 19 6		△ ⊗ 20 11	51	△ ⊗ 21 12	51	△ ⊗ 22 14	30	△ ⊗ 23 22	30	
6	□ ⊗ 21 28	∠ ⊗ 11 17	17	△ ⊗ 6 34		P ⊗ 16 58		△ ⊗ 7 18		△ ⊗ 8 14	45							
	∠ ⊗ 15 41	♂ ⊗ 16 2		△ ⊗ 10 44		△ ⊗ 18 23		△ ⊗ 19 14										
7	□ ⊗ 15 44	∠ ⊗ 16 40		□ ⊗ 15 8	9	△ ⊗ 2 6		□ ⊗ 3 21	45	□ ⊗ 4 21	45	□ ⊗ 5 2 1	7	□ ⊗ 6 2 1	7	□ ⊗ 7 0 32	53	
	∠ ⊗ 15 46	♂ ⊗ 21 3		P ⊗ 18 50		P ⊗ 1 10		□ ⊗ 9 51		P ⊗ 10 6	48	P ⊗ 11 6	48	P ⊗ 12 6	48	P ⊗ 13 9	18	
	△ ⊗ 20 2	18	♂ ⊗ 2 15	28	□ ⊗ 2 10		□ ⊗ 11 19		□ ⊗ 12 12		□ ⊗ 13 12	18	□ ⊗ 14 10	46	□ ⊗ 15 18	46	□ ⊗ 16 22	30
	△ ⊗ 2 16	P ⊗ 4 23		□ ⊗ 6 47		□ ⊗ 8 26		P ⊗ 15 42		P ⊗ 16 12	28	P ⊗ 17 12	28	P ⊗ 18 17	53	P ⊗ 19 20	28	
	P ⊗ 5 37	△ ⊗ 15 13		△ ⊗ 19 42		□ ⊗ 15 17		□ ⊗ 17 58		□ ⊗ 18 17	53							
8	□ ⊗ 12 46	△ ⊗ 19 42		□ ⊗ 15 17														
	□ ⊗ 12 48	19	∠ ⊗ 1 2	29	△ ⊗ 6 0		IO	△ ⊗ 18 58		△ ⊗ 19 22	11	△ ⊗ 20 2 1	6	△ ⊗ 21 10	5	△ ⊗ 22 15 10	6	
	* ⊗ 19 58	□ ⊗ 21 57		□ ⊗ 8 43		□ ⊗ 9 0	0	□ ⊗ 10 0	20	□ ⊗ 11 0	5	□ ⊗ 12 10	50	□ ⊗ 13 2 3	27	□ ⊗ 14 9 32	53	
	△ ⊗ 20 30	20	♂ ⊗ 0 35		△ ⊗ 16 54		□ ⊗ 8 37		□ ⊗ 9 8		□ ⊗ 10 8 37		□ ⊗ 11 9 18		□ ⊗ 12 10 46		□ ⊗ 13 18 46	
	△ ⊗ 6 33	∠ ⊗ 2 36		△ ⊗ 17 35		△ ⊗ 18 7		△ ⊗ 19 9		△ ⊗ 20 11 19		△ ⊗ 21 12 18		△ ⊗ 22 12 46		△ ⊗ 23 18 46		
	△ ⊗ 17 54	∠ ⊗ 3 13	30	△ ⊗ 10 38		□ ⊗ 1 9	11	□ ⊗ 2 17 49		□ ⊗ 3 17 49		□ ⊗ 4 17 49		□ ⊗ 5 17 53		□ ⊗ 6 20 28		
	△ ⊗ 21 51	∠ ⊗ 3 20		△ ⊗ 13 9		△ ⊗ 14 9		△ ⊗ 15 0 49	21	△ ⊗ 16 0 49		△ ⊗ 17 2 17		△ ⊗ 18 2 17		△ ⊗ 19 4 58		
9	♂ ⊗ 1 14	∠ ⊗ 12 27		♂ ⊗ 23 20		□ ⊗ 6 12		□ ⊗ 7 13 23		□ ⊗ 8 13 23		□ ⊗ 9 17 24		□ ⊗ 10 18 36		□ ⊗ 11 20 50		
	□ ⊗ 5 54	∠ ⊗ 20 1		□ ⊗ 23 33		△ ⊗ 16 13		P ⊗ 20 50		P ⊗ 21 5 12		P ⊗ 22 18 36		P ⊗ 23 20 50		P ⊗ 24 20 50		
	△ ⊗ 14 34	∠ ⊗ 23 21	31	* ⊗ 13 12		P ⊗ 20 50		□ ⊗ 11 12		□ ⊗ 12 1 12		□ ⊗ 13 1 12		□ ⊗ 14 1 12		□ ⊗ 15 20 4		
	△ ⊗ 9 20 55	* ⊗ 5 5		△ ⊗ 15 4		□ ⊗ 12 1 12		□ ⊗ 13 7		□ ⊗ 14 7		□ ⊗ 15 18 56		□ ⊗ 16 18 56		□ ⊗ 17 18 47		
	P ⊗ 6 39	∠ ⊗ 5 15		P ⊗ 15 4		P ⊗ 16 7		□ ⊗ 17 7		□ ⊗ 18 7		□ ⊗ 19 7		□ ⊗ 20 8 12		□ ⊗ 21 8 49		
	□ ⊗ 8 26	P ⊗ 9 55	I	♂ ⊗ 7 34		□ ⊗ 10 17		□ ⊗ 11 0 49	21	□ ⊗ 12 0 49		□ ⊗ 13 2 17		□ ⊗ 14 2 17		□ ⊗ 15 3 58		
11	□ ⊗ 6 13	∠ ⊗ 16 24		△ ⊗ 15 58		□ ⊗ 16 28	22	□ ⊗ 17 1 36		□ ⊗ 18 1 36		□ ⊗ 19 1 36		□ ⊗ 20 1 36		□ ⊗ 21 1 36		
	∠ ⊗ 13 29	∠ ⊗ 21 36		P ⊗ 16 12		□ ⊗ 17 21 58		* ⊗ 18 10 56		* ⊗ 19 10 56		* ⊗ 20 10 56		* ⊗ 21 10 56		* ⊗ 22 10 56		
	* ⊗ 18 19	∠ ⊗ 0 37		∠ ⊗ 19 15		□ ⊗ 18 5 13		□ ⊗ 19 5 13		□ ⊗ 20 5 13		□ ⊗ 21 5 13		□ ⊗ 22 5 13		□ ⊗ 23 5 13		
	□ ⊗ 19 5	* ⊗ 6 53		P ⊗ 23 9		□ ⊗ 19 13 28		□ ⊗ 20 13 28		□ ⊗ 21 13 28		□ ⊗ 22 13 28		□ ⊗ 23 13 28		□ ⊗ 24 13 28		
	P ⊗ 23 57	∠ ⊗ 9 22	2	△ ⊗ 2 55		□ ⊗ 21 5 22		□ ⊗ 22 5 22		□ ⊗ 23 5 22		□ ⊗ 24 5 22		□ ⊗ 25 5 22		□ ⊗ 26 5 22		
12	□ ⊗ 8 38	∠ ⊗ 10 20		∠ ⊗ 19 7	I4	□ ⊗ 10 4 6		□ ⊗ 11 0 46	23	□ ⊗ 12 0 46		□ ⊗ 13 3 22		□ ⊗ 14 3 22		□ ⊗ 15 3 22		
13	* ♀ 16 35	* ♀ 19 56	3	∠ ⊗ 22 59		△ ⊗ 16 59		△ ⊗ 17 35		△ ⊗ 18 35		△ ⊗ 19 35		△ ⊗ 20 35		△ ⊗ 21 35		
	△ ⊗ 19 11	* ⊗ 22 54		♂ ⊗ 3 30		□ ⊗ 19 20 24		□ ⊗ 20 20 24		□ ⊗ 21 20 24		□ ⊗ 22 20 24		□ ⊗ 23 20 24		□ ⊗ 24 20 24		
	∠ ⊗ 19 55	∠ ⊗ 1 29		P ⊗ 3 34		□ ⊗ 21 20 24		□ ⊗ 22 20 24		□ ⊗ 23 20 24		□ ⊗ 24 20 24		□ ⊗ 25 20 24		□ ⊗ 26 20 24		
	* ⊗ 22 17	□ ⊗ 7 33		△ ⊗ 6 56	I5	□ ⊗ 21 3 47		□ ⊗ 22 3 47		□ ⊗ 23 3 47		□ ⊗ 24 3 47		□ ⊗ 25 3 47		□ ⊗ 26 3 47		
	∠ ⊗ 0 51	∠ ⊗ 12 19		□ ⊗ 11 12		□ ⊗ 22 6 22		□ ⊗ 23 6 22		□ ⊗ 24 6 22		□ ⊗ 25 6 22		□ ⊗ 26 6 22		□ ⊗ 27 6 22		
	* ⊗ 19 33	∠ ⊗ 14 44		♂ ⊗ 23 29		* ♀ 8 4	24	* ♀ 8 4		* ♀ 9 4		* ♀ 10 4		* ♀ 11 4		* ♀ 12 4		

LUNAR ASPECTARIAN—*continued*

DM	Aspects	Time	DM	Aspect	Time	DM	Aspect	Time	DM	Aspect	Time	DM	Aspect	Time	DM	Aspect	Time	
MAR.	H M		MAR.	H M		MAR.	H M		APRIL	H M		APRIL	H M		MAY	H M		
8	△ Ψ	8 59	19	P ○	11 25	31	□ ♀	9 8	13	∨ ♀	12 18	23	□ ♀	12 33		□ ♀	12 56	
* ♀	11 4			□ ♀	20 29		P ○	12 45		* ♀	13 1		♂ ♀	12 53		♂ ♀	12 50	
□ ♀	16 11	20	○ ♀	9 53		△ ♀	21 31		* ♀	17 21		♂ ♀	18 53	7	△ ♀	1 2	33	
□ ♀	19 56		P ○	10 38		P ○	22 18		○ ♀	18 24		∨ ♀	11 12		○ ♀	7 49		
□ ♀	22 40		∨ ♀	14 58	I	8 ♀	1 4	I	♂ ♀	1 8		□ ♀	14 10		□ ♀	9 11	40	
9	△ ♀	2 16		□ ♀	16 52		△ ♀	2 49		* ○	1 33		P ○	21 9	8	△ ♀	9 0	
* ♀	10 45			□ ♀	18 51		□ ♀	7 44		△ ♀	6 30		□ ♀	22 6		♂ ♀	5 53	
P ○	15 2		P ○	20 16		P ○	10 56		△ ♀	7 52	25	□ ♀	1 21		□ ♀	8 13		
□ ♀	15 30	21	□ ♀	2 25		P ○	14 19		∨ ♀	9 57		□ ○	4 15		□ ♀	11 37		
△ ♀	20 22		△ ♀	4 51		∨ ♀	20 7		P ○	1 31		P ○	11 17		♂ ♀	12 7		
* ♀	22 I		∨ ♀	10 13	2	□ ♀	3 13		□ ♀	14 1		□ ♀	18 2		△ ○	15 1		
∨ H	2 26		L ♀	14 50		P ○	17 14		□ ♀	2 18		P ○	19 26		△ ♀	9 30		
△ ○	7 58		△ ♀	16 23		8 ♀	21 32	I5	△ ○	4 34	26	△ H	2 8		P ○	21 40		
△ ♀	17 33		* ♀	20 6	3	△ ♀	2 11		P ○	8 45		□ ♀	3 50		P ○	22 19		
□ ♀	22 25	22	∨ ○	3 51		P ○	6 26		* ♀	8 59		♂ ♀	20 33	9	P ○	15 1		
△ ♀	4 32		□ H	4 45		□ ♀	10 0		* ♀	1 54		* ♀	22 45		△ H	15 43		
□ ♀	21 57		L ♀	12 23		8 ○	13 20		□ H	15 26	27	□ ♀	0 29	10	P ○	5 18		
∨ ♀	23 58		* ♀	15 7		□ ♀	18 12		∨ ♀	0 12		□ ♀	7 3		□ ♀	12 47		
I2	□ ♀	4 25		△ ♀	19 7		* H	19 54		P ○	4 7		P ○	10 11		∨ ♀	13 28	
∨ ♀	10 29		L ♀	20 14	4	* ♀	8 32		□ ○	6 45		□ ♀	13 40		□ ♀	18 37		
△ H	14 28	23	P ○	0 45		△ ♀	15 50		P ○	8 2		□ ♀	17 0		* H	18 57		
○ ○	1 6		△ ♀	2 42	5	△ H	2 18		○ ♀	16 25		△ ○	18 36		∨ H	19 28		
△ ○	8 14		L ○	5 52		□ ♀	3 37	I7	□ ♀	3 32	28	△ ♀	6 0	II	□ ○	2 38		
8 ♀	9 3		* ○	15 5		□ H	22 22		P ○	9 7		□ H	12 31		□ ♀	7 58		
I4	δ ♀	10 15		□ δ	16 27	6	* ♀	23 17		□ ♀	9 24		▲ H	12 38		△ ♀	15 34	
* ♀	10 46		□ H	19 53		P δ	1 48		□ H	15 0	29	□ ♀	2 8		△ ♀	16 6		
□ ♀	11 57		□ H	20 51		* ♀	7 19		□ ♀	15 25		□ ○	3 0		□ ♀	18 31		
* ♀	13 56	24	□ H	3 33		△ H	8 45		P ○	21 49		□ ○	18 36		△ H	21 57		
δ ♀	19 54		* ○	8 35		□ ♀	13 10		△ δ	3 29		□ ♀	10 16	12	* ♀	17 55		
∨ H	23 25		□ ♀	17 43		□ δ	21 36		δ ♀	4 10	30	□ δ	16 3		□ H	23 5		
I5	△ ♀	12 58	25	δ H	7 23	7	□ ♀	3 27		* ♀	7 42		P ○	17 18		* ♀	23 36	
* ○	13 34		* δ	18 58		L ♀	5 53		δ ○	9 37		□ ♀	18 18	I3	* ♀	8 8		
P ○	14 36		□ ♀	23 3		△ H	13 43		□ H	15 2		MAY			* ○	10 31		
△ ♀	19 54	26	δ ♀	0 8		□ ○	16 51		P ○	21 3	I	* H	0 47		* ♀	16 5		
△ H	2 11		□ ○	16 39	8	□ H	12 10	I9	P ○	3 14		□ H	1 1		□ ♀	18 43		
∨ ♀	14 24		L δ	21 24		△ ♀	13 2		△ ♀	7 26		△ H	23 9	I4	△ ○	12 32		
I7	∨ ♀	16 23	27	△ ♀	0 4		∨ H	19 50		△ ♀	8 54		* ♀	23 12		△ ♀	13 15	
△ ○	17 53		8 ♀	2 29		δ H	21 3		△ δ	14 27	2	δ ♀	0 34		△ ♀	19 8		
□ ♀	18 45		8 δ	10 36	9	△ ○	1 27		△ ♀	23 33		△ H	7 9		□ ♀	19 29		
∨ ♀	0 31	28	∨ δ	0 35		□ ♀	7 46	20	△ δ	3 35		P ○	11 38	I5	△ H	0 27		
△ H	1 4		P δ	1 30		△ δ	9 49		△ ♀	7 27		P ○	16 30		△ δ	0 58		
* H	3 59		□ ♀	4 56		δ ♀	16 39		△ ♀	8 4		P ○	21 40		□ δ	1 37		
I8	δ ♀	17 26		∨ H	6 37	I0	□ δ	15 1		□ ♀	8 57	3	□ ♀	5 41		△ H	14 27	
△ ♀	17 55		△ ♀	11 13		□ δ	22 56		□ ○	12 42		δ ○	6 19		P ○	17 27		
△ ♀	20 0		□ H	16 34		○ ♀	5 41		□ δ	14 34		* ♀	7 11		△ H	17 37		
△ ○	21 2	29	△ ○	4 42		δ δ	5 57	21	* ♀	2 48		δ ♀	7 53		* ♀	19 32		
P ○	1 34		△ H	10 56		△ H	6 53		△ ♀	10 50		△ H	13 30		△ ♀	21 26		
△ δ	2 10		□ ♀	18 44		□ ○	15 57		△ δ	15 6		* δ	13 51	16	□ H	0 25		
I9	δ ♀	15 22	30	△ H	21 3		* ♀	23 20		δ H	15 28	4	□ ♀	5 41		△ δ	2 15	
* ♀	18 38		δ δ	9 15	I2	P δ	0 30	22	* δ	5 42		□ δ	13 29		△ ♀	19 24		
△ δ	2 34		□ ○	11 59		△ H	10 25		δ ♀	9 10		△ δ	20 5		△ H	19 30		
□ H	5 11		P ○	14 48	I3	□ ♀	4 31		* ♀	14 32	5	△ H	19 25	I7	△ δ	0 48		
P ○	6 18		* ♀	15 52		△ ♀	5 14		* ○	18 23	6	δ H	1 32		δ ○	17 38		
δ ♀	6 18		□ ♀	15 55		△ ♀	5 52	23	△ δ	7 58		△ δ	1 58		□ ♀	19 15		

LUNAR ASPECTARIAN—continued

DM	Aspect	Time	DM	Aspect	Time	DM	Aspect	Time	DM	Aspect	Time	DM	Aspect	Time	DM	Aspect	Time	
MAY			H M	MAY	H M	JUNE	H M	JUNE	H M	JULY	H M	JULY	H M	JULY	H M			
17	↙↑↑	19 29 30	* ♀ 2 25	12	↙ ⊖ 18 52	25	□ ♀ 8 40	7	□ ♀ 23 54	19	P ♂ II 39							
	P ⊖	22 31	↙ ♀ 10 20	13	↙ ♀ 1 1	1	↙ ⊖ 16 25	8	↙ ♀ 9 37		* ♀ 12 22							
18	↖↑↑	0 42	* ♀ 10 49	49	↖ ⊖ 6 33		△ ⊖ 16 28		△ ⊖ 10 59		↖ ♀ 15 6							
	♂ ♀	1 35	↖ ⊖ 13 52		△ ♀ 7 12	26	△ ⊖ 2 52		△ ⊖ 15 20	20	P ♂ I 11							
	♂ ♀	1 39	↖ ⊖ 17 57		△ ♀ 8 7		↖ ♀ 5 42	9	△ ⊖ 2 36		* ⊖ 8 52							
	□ ♂	3 21	* ♀ 18 26		△ ♀ 11 25		* ♀ 11 47		↖ ⊖ 12 25		↖ ⊖ 14 3							
	P ♀	18 30 31	↖ ⊖ 16 50		↖ ♀ 15 32		* ♀ 16 22	3	* ↑ I 4 8		♂ ♂ 22 34							
19	↖ ⊖	0 20 JUNE	↖ ⊖ 21 4		↖ ⊖ 22 47		IO	□ ♀ 1 47			↖ ♀ 23 29							
	P ♀	7 5 I	↖ ♀ 1 18		↖ ⊖ 23 3		↖ ⊖ 2 25		↖ ⊖ 13 35		↖ ♀ 1 1							
	♂ ⊖	20 25	↖ ⊖ 16 57		↖ ⊖ 11 55		↖ ⊖ 12 9		↖ ⊖ 13 21		↖ ⊖ 13 35							
	↖ ⊖	21 49	↖ ⊖ 21 53		↖ ♀ 8 28		↖ ♀ 13 12		↖ ⊖ 13 21		* ⊖ 16 16							
20	P ⊖	5 45	↖ ⊖ 22 29		↖ ♀ 13 46		* ♂ 13 27		↖ ⊖ 15 26		↖ ⊖ 21 57							
	* ♂	5 52 2	↖ ⊖ 5 34		↖ ♀ 18 13		↖ ⊖ 17 45		P ♀ 17 57	22	* ♀ 8 54							
	↖ ♀	7 18	↖ ♀ 6 4		↖ ⊖ 8 52		△ ♀ 22 36		* ⊖ 21 38		↖ ⊖ 22 27							
	↖ ♀	11 33	* ♀ 16 43		↖ ⊖ 9 52	28	P ♀ 2 34	II	* ♀ 3 3	23	↖ ⊖ 1 58							
21	↖ ♀	21 3 3	↖ ♀ 7 25		↖ ⊖ 16 5		↖ ♀ 4 3		↖ ⊖ 3 23		↖ ⊖ 2 18							
	↖ ⊖	0 59	↖ ♀ 17 44		↖ ⊖ 1 33		↖ ⊖ 13 12		↖ ⊖ 13 21		* ⊖ 12 54							
	↖ ⊖	3 1 4	△ ♂ 5 29		↖ ⊖ 8 24		↖ ⊖ 23 23		△ ♂ 15 34		↖ ⊖ 3 14 2							
	↖ ♂	8 17	↖ ⊖ 8 11		↖ ⊖ 0 15 29		↖ ⊖ 4 34		↖ ⊖ 16 41		P ♀ 18 46							
	↖ ♀	11 31	↖ ⊖ 15 15		↖ ⊖ 2 48		↖ ⊖ 9 37		P ♀ 19 40	24	* ♂ 1 53							
	↖ ♀	18 5	↖ ⊖ 15 41		↖ ⊖ 10 32		↖ ⊖ 10 24	12	↖ ⊖ 0 34		↖ ⊖ 4 51							
22	↖ ⊖	0 0 5	↖ ⊖ 10 50		* ♂ 13 30	30	↖ ♂ 3 20		↖ ♀ 3 6		↖ ⊖ 8 47							
	↖ ⊖	4 43	↖ ⊖ 19 12		↖ ♀ 21 41		↖ ⊖ 16 10		* ♀ 8 49		△ ♀ 10 26							
	* ⊖	5 26	↖ ⊖ 19 17		↖ ⊖ 7 56 JULY		↖ ⊖ 15 49		↖ ⊖ 19 5		↖ ⊖ 19 5							
	↖ ♀	11 40 6	↖ ⊖ 14 53		↖ ⊖ 11 30	I	↖ ♀ 8 42	13	↖ ♀ 3 7		↖ ⊖ 22 4							
23	* ♀	16 54	↖ ⊖ 15 39		↖ ⊖ 12 24		↖ ⊖ 11 18		↖ ⊖ 3 31	25	* ♀ 4 41							
	* ♀	2 2	↖ ⊖ 20 9		↖ ⊖ 16 32		↖ ⊖ 18 44		P ♀ 8 0		P ♀ 8 0							
	↖ ⊖	3 14	↖ ⊖ 22 45		↖ ⊖ 9 20		↖ ⊖ 19 45		↖ ⊖ 19 11		↖ ⊖ 8 3							
	△ ⊖	7 58	↖ ⊖ 23 5		↖ ⊖ 12 29	2	P ♀ 1 37		↖ ⊖ 20 0		↖ ⊖ 16 57							
	P ♂	8 15 7	△ ⊖ 0 54		↖ ⊖ 14 11		△ ♂ 14 35	14	↖ ⊖ 6 15		P ♂ 19 51							
24	↖ ⊖	5 59	↖ ⊖ 16 1		↖ ⊖ 14 57		↖ ♀ 17 30		↖ ♀ 16 10		△ ⊖ 19 56							
	* ♂	7 28	P ♂ 16 56		↖ ⊖ 20 20		↖ ♀ 21 27		↖ ⊖ 16 35	26	↖ ⊖ 0 55							
	↖ ⊖	12 48	↖ ⊖ 18 30	20	↖ ⊖ 8 10		↖ ⊖ 23 27		P ♂ 20 18		* ♂ 5 38							
	↖ ⊖	17 40	△ ♀ 22 41		↖ ⊖ 9 20	3	↖ ⊖ 15 34	15	↖ ♀ 3 51		↖ ⊖ 13 45							
25	↖ ⊖	21 35	△ ♀ 23 11		↖ ♀ 15 34		↖ ⊖ 19 9		P ♂ 9 8		△ ♂ 16 52							
	↖ ⊖	7 35 8	↖ ⊖ 1 50		* ⊖ 17 46	4	↖ ⊖ 1 27		△ ♂ 10 10	27	↖ ⊖ 4 5							
	△ ♀	10 48	* ♂ 20 49		* ⊖ 18 7		* ⊖ 2 33		↖ ⊖ 20 12		△ ♀ 22 19							
	↖ ⊖	17 12	△ ♀ 21 30		↖ ⊖ 18 8		↖ ⊖ 3 42		↖ ⊖ 22 42		↖ ⊖ 2 3							
	△ ♀	17 51	↖ ⊖ 23 0	21	↖ ⊖ 2 20		↖ ♀ 18 13	16	* ♂ 1 38		↖ ⊖ 5 38							
26	↖ ⊖	22 27 9	↖ ⊖ 3 49		↖ ⊖ 3 48	5	↖ ⊖ 3 35		↖ ⊖ 22 34		↖ ⊖ 16 2							
	↖ ⊖	18 24	* ♂ 4 2		↖ ⊖ 13 17		↖ ⊖ 4 0	17	↖ ⊖ 1 16		↖ ⊖ 18 29							
27	△ ⊖	10 10	△ ⊖ 10 0		△ ⊖ 22 27		△ ⊖ 6 26		△ ♂ 1 34		△ ♂ 23 6							
	↖ ⊖	11 12 10	↖ ⊖ 3 32		↖ ⊖ 22 48		* ♀ 20 26		↖ ♀ 5 29	29	P ♂ I 9							
28	↖ ⊖	22 18	↖ ⊖ 6 0		* ♀ 23 3	6	↖ ⊖ 0 0		↖ ♀ 6 30		↖ ⊖ 2 12							
	△ ♀	2 19	↖ ⊖ 23 48	22	↖ ⊖ 7 18		* ♂ 6 10		↖ ⊖ 12 21		↖ ⊖ 5 31							
	* ⊖	5 8 II	P ♂ 0 52		* ♀ 18 16		↖ ⊖ 7 24		↖ ⊖ 19 28		↖ ♀ 10 18							
	↖ ⊖	5 46	↖ ⊖ 5 46	23	↖ ⊖ 3 50		P ♂ 7 35		↖ ⊖ 1 26		↖ ⊖ 16 2							
	P ♂	13 6	△ ⊖ 6 43		↖ ⊖ 8 59		△ ⊖ 7 51	18	↖ ⊖ 23 29	30	↖ ⊖ 5 39							
	↖ ⊖	18 45	↖ ⊖ 6 53		P ♂ 12 31		↖ ♀ 13 30		↖ ♀ 8 58		↖ ⊖ 17 28							
	↖ ⊖	19 17	* ⊖ 16 22		↖ ⊖ 23 38	7	↖ ♀ 1 13		↖ ⊖ 10 11	31	△ ♂ 3 34							
29	↖ ⊖	22 23 12	↖ ⊖ 5 45	24	↖ ⊖ 9 34		P ♂ 2 32		△ ⊖ 15 45		↖ ⊖ 5 15							
	△ ⊖	7 21	* ⊖ 5 53		* ⊖ 10 7		↖ ⊖ 5 41	19	△ ⊖ 1 35		* ⊖ 8 24							
	↖ ⊖	11 33	↖ ⊖ 7 31		↖ ⊖ 17 24		↖ ⊖ 10 50		△ ⊖ 3 22		P ♂ 9 16							
	↖ ⊖	22 23	* ♀ 12 45		↖ ⊖ 21 49		△ ♂ 17 55		△ ⊖ 5 46		↖ ⊖ 12 28							

LUNAR ASPECTARIAN—continued

DM	Aspects	Time	DM	Aspects	Time	DM	Aspects	Time	DM	Aspects	Time	DM	Aspects	Time	DM	Aspects	Time				
JULY 31 AUG. 1	∠ 4	19 48	AUG. 12 13 13 18 25	H M	AUG.	H M	AUG.	H M	SEPT.	H M	SEPT.	H M	SEPT.	H M	SEPT.	H M					
	□ δ	7 13		P ⊖	11 0	P ⊖	24	△ ○	12 19	8 ⊕	2 41	P ⊕	17 26	8 ♀	7 52	□ ⊕	8 23				
	∠ h	7 24		δ ♀	16 3	□ ♀	13 49	○ δ	7 59	△ ♀	7 59	□ ⊕	2 50	P ♀	8 55	∠ ⊕	8 23				
	△ ψ	14 40		△ □	16 33	○ δ	16 30	□ ♀	17 0	∠ 4	7 35	* ○	19 44	* ψ	13 11	△ ψ	18 16				
	8 ♀	21 30		▽ ♀	16 38	▽ ⊕	10 42	○ δ	10 26	∠ 4	7 35	∠ h	19 58	△ 4	2 54	△ h	2 54				
						□ ♀	15 25	8 ♀	14 0												
2	* 4	21 41	14	* δ	16 42	□ ⊕	19 1	△ δ	15 36	∠ 4	23 46	8 ♀	12 50								
	□ ♀	22 48		δ ⊖	20 27	□ δ	12 33	8 h	1 27	8 ⊕	10 1	∠ h	13 24								
	P δ	1 55		□ h	5 5	□ δ	14 18	* ○	9 49	∠ 4	14 16	□ ♀	18 42								
	* h	9 8		P δ	9 11	○ δ	0 2	○ δ	17 36	8 h	2 25	△ δ	20 14								
	□ □	12 21		* ψ	14 48	△ ♀	3 2	8	* ♀	5 43	∠ δ	8 21	□ ⊕	23 17							
	△ ♀	2 22		△ 4	20 1	▽ ⊕	11 59	□ ⊕	9 53	8 h	9 18	Oct.									
4	□ ○	10 10	15	∠ δ	21 40	* H	17 2	∠ ○	14 47	* ♀	10 41	P ♀	1 56								
	□ ψ	18 5		P ♀	0 11	P ♀	21 53	▽ ⊕	15 50	∠ h	19 41	□ h	3 18								
	○ 4	0 34		∠ ♀	7 55	□ ψ	22 41	□ δ	23 52	20	○ ○	I3	33	P δ	10 36	▽ ψ	13 58				
	P δ	1 0		△ h	8 54	P δ	23 57	9	P δ	0 40	∠ δ	16 1					△ ○	1 48			
	□ h	11 59		□ □	13 28	∠ 4	2 22	∠ 4	12 59	8 ψ	21 30	8 ψ	21 30					△ □	10 6		
	△ ○	13 28		▽ δ	3 30	P ○	6 59	△ □	13 10	21	△ δ	2 25									
5	△ □	15 19	17	δ ♀	6 27	□ ♀	7 49	∠ ψ	19 11	* ♀	4 29	□ ♀	16 50								
	δ δ	15 33		▽ ○	9 14	∠ h	14 0	∠ 20	17	∠ h	13 44	3	δ ψ	16 32							
	P ♀	1 47		∠ 4	17 44	△ δ	19 52	□ ⊕	23 0	∠ □	20 24		△ ψ	21 1							
	□ ♀	9 18		□ ψ	23 52	29	△ ψ	0 29	10	* ♀	5 32	* δ	22 49					8 ψ	22 38		
	□ ♀	9 44		P ♀	1 9	* 4	4 2	P ♀	10 31	22	□ ♀	5 32	□ ♀	22 51							
	□ □	16 42		□ 4	5 5	8 ○	8 21	□ h	10 53	P δ	13 30	4	P δ	0 43							
6	* ψ	21 2	18	∠ ○	16 58	8 ♀	11 47	▽ ♀	20 53	23	∠ □	0 38	P ♀	2 14							
	△ 4	3 7		□ h	18 38	* δ	15 23	* ψ	23 2		△ ○	3 29	□ δ	3 48							
	△ ♀	13 8		* □	23 35	P ♀	19 43	11	△ h	3 0	P ♀	8 20	8 h	7 31							
	△ h	14 38		△ ♀	4 55	□ □	20 18	P ○	9 34	* δ	10 31	△ ○	8 52					□ ○	8 45		
	□ ○	20 2		P δ	5 0	□ δ	22 23	* δ	10 31	23	□ ♀	18 20	5	△ ♀	7 45						
	P ○	21 12		δ δ	17 41	31	P ♀	0 33	∠ 4	12 32	∠ h	21 33		△ δ	7 47						
7	∠ ψ	22 33	19	▽ ♀	0 7	□ ψ	2 39	△ h	15 1	24	* □	3 43	P ♀	14 12							
	□ 4	4 29		* ○	1 33	□ 4	6 3	□ ○	21 13	□ ○	8 31	□ □	16 34					□ □	21 36		
	□ h	16 5		∠ □	5 41	□ h	17 6	12	P ♀	7 57	□ δ	8 44					□ ψ	7 53			
	* ♀	18 5		P ○	9 30	8 ♀	18 7	6 ○	9 18	□ ψ	9 12	6	□ ψ	7 53				* ○	19 16		
	□ δ	23 28		△ ψ	11 50	△ h	22 2	P δ	15 49	∠ 4	14 1	P ♀	18 18					△ □	20 4		
	▽ ψ	0 10		* 4	16 54	SEPT.		△ δ	16 47	26	* h	1 23									
9	□ ♀	21 8	2	* h	6 50	I	P ♀	0 56	▽ ♀	20 15	△ ♀	18 34	7	∠ ψ	1 7						
	δ □	21 16		∠ ♀	10 2	P ○	2 3	13	□ ψ	8 34	∠ h	23 56	□ δ	8 29					δ δ	16 15	
	∠ h	22 45		▽ □	12 8	□ ○	16 20	P ○	8 53	25	△ ψ	11 7	□ ♀	17 31					h h	18 4	
	P ♀	23 44		P ♀	14 4	□ h	22 50	□ ○	12 50	* 4	15 54	□ δ	18 3					△ δ	19 27		
	▲ δ	2 19		□ ψ	18 22	P δ	22 50	δ ♀	15 12	26	* h	1 23	8	△ ○	1 39				△ ○	1 39	
	* ○	3 0		∠ 4	23 18	2	□ ♀	1 43	∠ δ	23 47	* h	1 23									
10	P ♀	23 8	21	□ ♀	5 54	* ψ	4 17	14	□ δ	1 6	△ ♀	3 2		* ψ	5 19				P ○	7 55	
	δ ψ	3 48		∠ δ	9 50	8 δ	4 22	15	* □	7 42	□ □	7 11							△ 4	13 5	
	▽ ♀	3 56		∠ h	13 13	△ 4	7 40	15	∠ ○	1 23	P ○	12 30		△ ψ	13 5				* ♀	21 44	
	∠ ○	6 48		□ ○	19 52	△ h	18 44	P ♀	4 52	27	△ δ	14 20							△ h	22 8	
	δ ψ	9 18		* ♀	19 58	△ ○	19 2	27	∠ h	13 46	P ○	1 45							△ δ	22 8	
	δ h	21 10		∠ 4	5 35	3	∠ 4	5 20	δ ♀	14 11	26	* ♀	5 55	9	△ □	4 58				□ □	4 58
11	* ♀	6 0	23	∠ δ	17 56	△ ♀	6 25	16	△ ψ	20 20	□ ψ	12 49	IO	▽ ○	8 51				∠ ψ	5 38	
	□ δ	8 43		∠ h	19 19	□ ♀	8 44	16	* 4	0 53	□ δ	16 5							△ δ	7 14	
	▽ ○	10 52		δ □	0 43	□ h	19 52	17	∠ ○	10 23	8 ○	17 36		* ♀	7 54					∠ ψ	7 54
	□ □	3 23		* δ	1 13	4	□ ♀	3 55	18	∠ ♀	12 32	28	□ δ	17 41					□ ψ	15 22	
	∠ ψ	8 24		△ ♀	5 37	5	□ ○	1 27	19	* h	13 22		□ h	2 33					□ δ	23 58	
	∠ 4	11 0		δ ψ	12 11	5	□ ○	1 27	20	δ δ	15 41		△ □	8 12							

LUNAR ASPECTARIAN—continued

DM	Aspects	Time	DM	Aspects	Time	DM	Aspects	Time	DM	Aspects	Time	DM	Aspects	Time
Oct.		H M	Oct.		H M	Nov.		H M	Nov.		H M	Dec.		H M
11	□ ♀ 9 0 23			□ ♀ 17 35 5	* ○ 8 30 18		* ♀ 1 1 1		□ ♀ 8 0 10					
	P ⊖ 10 37			□ ♀ 19 33	○ ♀ 13 8		□ ♀ 1 17		□ ♀ 13 54					
	▽ ♀ 14 6			○ ⊖ 20 53	○ ♀ 15 44		* δ 20 21		□ ♀ 14 34					
	∠ δ 14 45 24			△ ♀ 5 28 6	∠ ♀ 6 32		○ ⊖ 20 23		* ♀ 16 18					
	* ♀ 16 5			○ ♀ 23 40	○ ○ 16 27		∠ ♀ 21 49	2	△ δ 3 2					
	∠ ♀ 16 47 25			□ ♀ 5 58	○ ♀ 16 56		∠ ♀ 23 24		○ ○ 9 49					
12	δ ○ 1 I 11			□ ♀ 10 5	○ ♀ 20 39		∠ δ 23 36		□ ♀ 14 32					
	∠ H 22 17			△ δ 10 45	7	▽ ♀ 9 43 19	△ ♀ 4 42		△ δ 18 17					
	▽ δ 22 45			□ ♀ 15 28	○ ♀ 14 12		△ ♀ 16 44		△ ♀ 19 12					
13	▽ ♀ 1 2 11			△ H 20 59	○ ♀ 18 26 20		* ♀ 1 5		○ H 22 32					
	△ ♀ 3 18			△ ♀ 23 8 8	* H 0 43		* ♀ 2 34	3	* ♀ 16 13					
	* ♀ 12 47 26			□ ♀ 12 0	▽ ○ 0 59		* ♀ 4 27		△ ♀ 22 7					
14	* ♀ 21 38			□ H 20 57	* δ 7 5		□ H 7 20	4	○ ♀ 1 33					
	▽ H 4 49			P ○ 21 22 9	P ♀ 4 25		□ ♀ 20 54		○ δ 17 7					
	δ δ 7 51			* ♀ 23 41	△ H 7 10 21		□ δ 4 12	5	* ○ 1 46					
	□ ♀ 9 45 27			□ ♀ 0 56	△ H 8 51		△ ○ 5 17		∠ δ 2 2					
	▽ ○ 19 30			♂ ○ 3 6	* ♀ 11 28		○ ♀ 8 57		○ H 5 44					
	∠ ♀ 19 40			△ ♀ 10 24	∠ δ 15 30 22		□ ♀ 4 47		○ ♀ 7 18					
15	∠ δ 4 20			△ δ 15 23	○ ♀ 18 3		○ δ 5 50		* H 10 4					
	δ δ 15 43			∠ H 23 22	○ ♀ 3 47		○ ○ 8 11	6	△ ○ 10 57					
	δ δ 21 58 28		10	△ ♀ 3 48	* H 7 32		△ H 10 13		▽ ♀ 12 48					
16	▽ ♀ 2 34			□ ♀ 10 23	○ H 13 50		○ ♀ 11 21		△ ♀ 13 41					
	∠ ○ 4 52			□ δ 15 15	○ H 15 17 23		△ δ 8 23		○ ♀ 15 56					
	▽ δ 10 59			▽ H 23 8	○ ○ 10 34		* ♀ 10 10		∠ H 16 36					
17	δ H 18 7 29			P ♀ 7 0	∠ ♀ 21 11		□ H 10 39	7	* δ 10 0					
	▽ ♀ 1 19			△ ♀ 15 9	○ δ 0 7		P ♀ 12 36		* δ 19 14					
18	* ○ 13 57			8 H 20 45	P ○ 0 53	24	8 ♀ 4 56		○ ♀ 20 9					
	8 ♀ 4 51 30			8 ♀ 6 41	∠ δ 10 49		△ ♀ 5 51		▽ ○ 20 23					
	▽ δ 8 6			○ ○ 8 4	∠ δ 14 20		△ δ 6 31		* ♀ 21 22					
	∠ ♀ 9 2			○ H 23 52	∠ ♀ 4 49		□ δ 9 34		∠ H 23 21					
19	∠ ♀ 15 31 31			□ ♀ 0 39	▽ ♀ 6 52		∠ H 10 2 8		∠ δ 18 40					
	▽ ♀ 16 48			△ ○ 10 43	∠ ♀ 17 45		△ ♀ 15 13 9		∠ δ 2 1					
	∠ δ 23 18			∠ δ 12 29	∠ δ 21 0 25		○ δ 5 53		∠ δ 4 26					
	∠ H 6 5			○ δ 17 14	○ δ 3 3		○ δ 6 22		* ♀ 10 34					
	∠ δ 15 18 Nov.			∠ δ 10 58	∠ H 10 9		∠ H 9 41		○ δ 10 50					
	* ♀ 15 46 1			P ♀ 0 3	○ ○ 14 6		○ ○ 13 18 10		∠ δ 3 11					
20	∠ ♀ 1 0			△ ♀ 0 13	○ δ 17 0		○ ♀ 16 40		∠ δ 8 37					
	○ ○ 5 58			□ δ 22 56	14	8 H 10 13 26	8 H 10 13		∠ δ 11 17					
	∠ H 10 56 2			○ H 1 3	* ♀ 17 20 27		○ δ 9 19		○ H 12 25					
21	* δ 21 30			∠ H 3 28	∠ δ 22 50		○ δ 9 11 6		○ ○ 14 53					
	∠ ♀ 1 40			P ○ 4 29	○ δ 1 22		○ δ 12 48		∠ δ 19 31					
	* ♀ 7 47			○ ♀ 18 54	○ δ 6 48 28		○ δ 6 56 11		∠ δ 14 45					
22	∠ δ 8 28			○ ○ 19 24	P ○ 7 16		○ δ 6 58 12		∠ δ 3 55					
	* H 14 48 3			○ ♀ 0 54	○ δ 9 27		○ δ 14 6 7		∠ δ 4 40					
	○ H 18 31			△ δ 3 30	∠ H 15 12		○ ○ 19 11		○ δ 18 51					
	P ○ 18 56			△ H 4 15	16	* ○ 6 55	○ δ 23 1		○ δ 12 40					
	○ ♀ 1 19			∠ H 6 33	∠ δ 8 16 29		P ♀ 3 56		○ δ 23 52					
	∠ δ 5 10			○ H 21 32	∠ H 20 28		∠ H 11 2 13		∠ H 0 10					
23	∠ δ 11 34 4			△ ♀ 1 9	17	○ ♀ 6 1	○ H 12 25		○ ○ 7 31					
	△ ○ 17 5			○ δ 2 10	∠ δ 14 47		○ ○ 22 46		∠ δ 17 0					
	△ ♀ 21 9			* ○ 10 31	○ ♀ 17 2 30		○ δ 13 10 14		∠ δ 5 16					
	○ δ 6 11 5			△ δ 2 22	∠ δ 17 36		○ H 14 46		∠ ○ 14 54					
	* ♀ 7 41			* ♀ 4 1	∠ δ 19 39		○ δ 21 41		○ δ 18 49					
	* δ 13 41			△ δ 6 56	P ♀ 23 11				○ ○ 1 40					

LUNAR ASPECTARIAN—*continued*

DM	As-	Time																						
DEC.	H	M																						
	□	Ψ	5	42		*	Ψ	18	19	□	Ψ	23	3	24	□	Ψ	3	59						
	▽	½	6	45		*	δ	18	.45	□	δ	7	14		▽	δ	8	35						
	▽	δ	8	13	18	□	○	8	35	□	○	18	37		δ	Ψ	9	2						
	*	III	9	50		∠	♀	11	23	∠	Ψ	19	12	25	δ	○	*	Ψ	23	51				
	▽	Ⅳ	10	18		□	Ψ	15	22	□	♀	20	31		□	½	4	28						
	*	○	21	57	19	*	♀	15	14	△	½	21	40		δ	½	10	15						
										△	½	22	56		△	δ								
16	△	Ψ	9	35	□	½	19	20	22	△	Ψ	1	56	26	δ	Ψ	4	4	□	Ψ	10	50		
	∠	½	10	54	△	Ψ	21	45		P	♀	5	15		δ	δ	12	37	△	○	14	4		
	∠	δ	13	51	□	Ψ	23	27		△	δ	6	26		P	♀	16	53	▽	δ	23	48		
	∠	Ψ	14	37	20	□	δ	2	4	▽	Ψ	19	26		▽	Ψ	20	15	30	△	½	8	18	
17	▽	♀	6	43		△	Ψ	3	12	□	½	22	2	27	□	Ψ	1	39	□	Ψ	9	51		
	*	½	14	23		△	○	16	0	23	□	Ψ	2	30		∠	Ψ	21	36	△	Ψ	15	10	
						□	♀	16	18		*	Ψ	18	34	□	δ	7	53	28	△	Ψ	3	22	
						□	Ψ	17	9		△	♀	23	42		△	H	3	22	31	△	δ	6	7
															□	Ψ	7	39						

ERRATA

Page 1.—For H. E. Bailey read E. H. Bailey.

January—

Mutual Aspects—For ½ P. Ψ 21 57 read 22 20.

February—

Moon's Declination, 20th at 18H.—For 4°20' read 4°N.20'

Longitude of Ψ on 2nd.—For 26°45' read 26°R.45'

Mutual Aspects—For ½ P. Ψ 21 44 read 22 44.

March—

Mutual Aspects—For ♀ * Ψ 19 39 read 19 21.

April—

Longitude of Ψ—Delete R on 21st. Ψ motion is direct.

November—

Longitude of P on 31st—For 23.0 47 read 21.0 17.

The Astrological Student's Ephemeris for 1901

EXPLANATION

THE Ephemeris is calculated for mean noon at the meridian of Greenwich.

The longitudes of the Sun, Moon and Planets are given for each day—that of the Moon for midnight is given on the second page of each month to prevent the figures being confused with those for noon.

The latitudes of the planets are given for every other day.

The declinations of the Sun, Mercury, Venus and Mars, are given for each day, and for Jupiter, Saturn, Uranus and Neptune for every other day.

The declination of the Moon is given for every *six* hours, in order that it may be more accurately computed—the Moon's latitude is given for noon and midnight.

The longitude of the Moon's node is given for every other day.

The sidereal time is the right ascension of the meridian at Greenwich mean noon.

In the calculation of the aspects, astronomical time is observed throughout. Take for example the aspect $\odot \Delta 24$ on August 26th. The aspect occurs at 5.52 a.m. on the 27th. As it takes place before noon on August 27th, it is noted as occurring on the former day.

The lunar aspects follow the same rule and are entered in the exact order in which they occur.