PERIODS OF THE YEAR [illegible] WHEN THE PLANETS WILL BE IN THE MOST FAVOURABLE POSITIONS FOR OBSERVATIONS.

The contemplation of the Heavenly bodies, during all ages, has engaged the attention of thinking minds. The labour and perseverance of modern astronomers, with the aid of powerful telescopes, have been crowned with many cases, by the discovery of new planets, which were unknown to the ancients: the most important of late date being

NEPTUNE, discovered by the French astronomer [illegible] venier, in September, 1846. It appears [illegible] the 8th magnitude, and is more than 3,000,000,000 miles distant from the Sun. It can only be seen by the assistance of a powerful telescope, in which case it may be advantageously observed [illegible] the meridian, at midnight, during the month of September, when it will be in opposition to the Sun.

URANUS or "HERSCHEL."—The discovery of this planet by Sir William Herschel, on the 13th of March, 1781, excited the highest interest in the astronomical world. Its distance from the Sun is found to be more than 1,903,000,000 of miles, and its revolutions seem [illegible] out of it [illegible] formed more [illegible] than is [illegible] large as the earth. The planet will be within [illegible] of conjunction with Saturn during [illegible] year, and will be observed on the meridian at midnight, about the 8th of November. It may be observed on the meridian at midnight, about the 8th of November. It [illegible] position in the south-east [illegible] till it passes the meridian. [illegible] for some hours after that [illegible] year. They meet in conjunction on the south of March.

SATURN.—This orbit [illegible] to the orbit of [illegible] planet will be visible in opposition to the Sun on the 8th of May, and can then be observed on the meridian at midnight. In March, this planet may be seen to ascend in the eastern horizon, about 11 o'clock at night; it will continue to rise earlier every evening, and in August it will be approaching the western horizon, about 9 o'clock at night. In October it may be seen to set, an hour or two after the Sun.

MARS will be in opposition to the Sun on the 24th of [illegible] consequently may then be advantageously [illegible] meridian at midnight. [illegible] orb may be seen descending [illegible] after sunset. In October and [illegible] nearly with Jupiter, [illegible]

[illegible] interesting as being [illegible] planets. [illegible] to the [illegible] of the Moon [illegible] She will be at her greatest elongation on the 12th of May, and at her [illegible] on the [illegible]th of June; she will, therefore, be an evening star during the months of [illegible] and as a morning star in August and [illegible]

MERCURY.—This planet, which from its proximity to the Sun is seldom to be seen, may be observed to rise a little before the Sun at the end of January, and to set after that luminary about the 9th of April. He may likewise be seen to rise a little before the Sun the last week in May, and after the 20th of September; and to set after the Sun near the 7th of August and the early part of December.

JUPITER.—This planet, in addition to its four satellites, or moons, which present a very beautiful appearance when viewed through a telescope, is likewise [illegible] by several straight appearances, or [illegible] extending across its disc in [illegible] its [illegible] These are generally termed [illegible] Three of these [illegible] zones, [illegible] from each other, are most frequently observed; but they are not [illegible] constant, in their appearance. Sometimes only one is to be seen, sometimes five, and sometimes seven or eight have been visible; they occasionally vary, both in number and breadth. Jupiter will be in opposition to the Sun on the 8th of May, and can then be observed on the meridian at midnight. In March, this planet may be seen to ascend in the eastern horizon, about 11 o'clock at night; it will continue to rise earlier every evening, and in August it will be approaching the western horizon, about 9 o'clock at night. In October it may be seen to set, an hour or two after the Sun.

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are disturbed: mutual threatenings, at least, may be expected. Increase of the naval resources of this country—an armed position may be looked for: much talk of war in the land, which it may yet be hoped will pass away; for Mars is now retrograde, and warlike feelings melt down for a time. Serious trouble seizes on Louis Napoleon, who becomes entirely unpopular and unfortunate, if he have outlived the violent influence of last summer, June especially. Ireland begins to cause much uneasiness; for Saturn has now fairly entered her ruling sign, and the howling of the coming tempest is already heard. The Parliament opens this year under feelings of great excitement. The Eclipse of January begins to work: bitter and unrelenting opposition is made to the powers that be, chiefly on Irish questions. The 11th and 12th days are critical with the Ministry: church matters retrograde. The 19th, a fatal time for the Sultan.

THE WEATHER.—The month begins mild, but fog and sleet prevail, and some storms about the 2d day. 4th, rainy. 5th, high winds, and rain. 6th and 7th, colder, and stormy. 8th, cold air, frosty. 9th, fair, mild. 10th to 12th, high winds, meteors, lightning, frosty. 14th, rain. 16th to 19th, cold increases. New moon, hard frost. 21st and 22d, fair, frosty air. 24th and 25th, cold, stormy, snow. 26th, high winds. 27th, rain. 29th, cold air. Frost and many changes this month; 9th to 12th, stormy period, meteors.

MARCH.

PREDICTIONS.—The King of Prussia has some excellent influences this month. His schemes succeed, his troops are successful, honours await him. The two malefic stars, Saturn and Uranus, come together in the ruling sign of Ireland; and some desperate and deep-laid plots break forth. Troubles reign also in Poland, Palermo, the Archipelago, and in Persia; where earthquakes bring awful ruin, and political shocks become not less frequent. From the 14th to the 26th will be a time of fearful phenomena; storms, tempests, &c. The plot thickens against Louis Napoleon, if still alive; for the conjunction of Saturn and Uranus on the 16th day falls close to the opposition of the Moon's place at noon on the day of his birth, and some sudden misfortune will attend his steps. The three planets ♀, ♄, and ♅, are all joined together on

nion. For it was that which lay at the root of the Popish attempt on the liberties of England. *Executes* and violence now reign in Paris: the rulers suffer.

THE WEATHER.—Cloudy and showery at first. 4th and 5th, fair and warmer. 6th and 7th, cloudy, showers. 9th, thunder and hail. 10th, showery. 11th and 12th, fair. 13th, cooler. 14th and 15th, fair; some rain. 17th and 18th, cloudy, windy. 19th to 21st, storms prevail—thunder and hail, much rain. 22d, still unsettled; rain. 23d and 24th, fairer. 25th, cloudy and windy, thunder. 27th, fair and warm. 28th, cloudy, showers. [illegible] and 30th, unsettled, thunder storms, wind, and meteors. [illegible] opposition of Saturn and Jupiter on the 20th will [illegible] the atmosphere for some days about that period. [illegible] markable meteors at the end; not a good hay-month.

JULY.

PREDICTIONS.—The peculiar positions at the ingress of the Sun in Cancer, where the Moon, rising in Leo, is in exact square to Jupiter and Saturn from [illegible], begin now to operate. Violence still reigns in France, and bloodshed occurs in Paris, Lyons, &c. Ireland is still disturbed about religious questions. Rome is uneasy, and the Ottoman Empire replete with turmoil and trouble, insurrections and suffering from physical evils. Land is full of active business, trade good, and science flourishing. The powers that be are now entangled with changes that they have not courage to make efficient. The King of Sweden is warlike and successful. Some singular changes are now taking place in France, where the people wheel round more suddenly than is even usual in that fickle nation. Clerical questions are not yet laid quite aside, and the land, though more peaceful, still bears marks of agitation. The people are healthy. The ruling powers are still warlike, and seem disposed to contention.

THE WEATHER.—The month begins with wind, hail, and thunder storms. 3d to 5th, great heat: the latter day excessive heat: thunder. 7th, much cooler. 8th and 9th, unsettled, flying storms. 19th and 11th, fair, but cloudy. 12th and 13th, rain prevails. 14th, windy, but fair. 15th and 16th, fair. 17th, fair, but windy, some rain. 19th, windy. 21st, thunder showers prevail: cool air. 22d to 24th, fair in general. 25th and 26th, cloudy and rainy. 28th to 30th, fair in general. 31st, storms

again, unsettled air. Remarkable weather about the 4th and 5th, three potent meteors formed; violent storms abroad earthquakes.

AUGUST.

PREDICTIONS.—Uranus will be stationary on the 13th in the 9th degree of Taurus, and on the 26th Saturn will be so in the 18th degree of that sign. Other stationary planets imply a month of heat, and some severe earthquakes abroad; yet a good harvest to this country, though some blight and damage by lightning to the wheat crops. Turkish Empire: bones and debris attend him, and famine apprehended. Saturn afflicts the ruler of the Turkish Empire: bones and debris attend him, and famine attendant. Alarms now enter the ruling sign of Austria: prepared. Alarms now enter the ruling sign of Austria: and disturbs the peace in that unhappy country, where the despot who rules is subject to serious troubles, and finds his views and wishes thwarted by that spirit of freedom which haunts all such miserable tyrants. A good deal of excitement in some parts of this country about the old Jesuits—religious questions, may now be looked for. Many frauds on the revenue attract attention. Matters settle down somewhat in France; yet the 10th day brings disorder there on a ruling precentage; and Paris is very full of violence among the public writers, &c.

THE WEATHER.—The weather begins fair in general this month. 3d, windy. 5th, cloudy, sudden showers. 6th, thunder storms and windy squalls. 7th, fairer. 8th and 9th, windy and cloudy. 10th, thunder, and storms. 11th and 12th, rain prevails. 13th, cloudy, storms. 14th, high winds and clouds, cool air. 15th and 16th, unsettled, storms flying about. 17th to 19th, fair and warm. 20th and 21st, some showers. 22d to 25th, fair and warm in general. 26th and 27th, fair and hot. 28th, great heat, much thunder, violent squalls, meteors. [illegible] 30th and 31st, stormy. Much interesting action this [illegible] the last week.

SEPTEMBER.

PREDICTIONS.—Africa, and for the last time for many years, [illegible] planets Saturn and Jupiter reach an opposition aspect on the 5th of this month, from 179° 54′ [illegible] Saturn [illegible] Europe. This aspect will keep up [illegible] and crush the hopes of Poland, Persia, Palermo, and other parts ruled by Taurus under

Quarrels with the clergy, enemies, and partial insurrections, torment the unhappy people of that land, so blessed by Providence yet so cursed by bigotry and bad government. A very remarkable conjunction of Mars and Mercury in Capricornus, the ruling sign of India, and in trine to Uranus, denotes strange news from that land ere many weeks. Conspiracies burst forth, and once again the voice of war—the booming of cannon is heard! the Sikhs are astir! Labour witnesses some bloody scenes. Nothing very important is directed for England now, yet London suffers in its trade. But men's minds appear eagerly to look for the New Year, and the doings of a New Parliament.

THE WEATHER.—Fair and seasonable. 3d and 4th, cold and rainy. 5th and 6th, stormy, thick weather. Lightning. 8th and 9th, cold increases, frosty. 10th and 11th, fog and snow: raw cold air. 13th and 14th, more temperate. 16th, high winds, lightning, foggy. 17th and 18th, cold, snow. 20th, stormy, unsettled air. 22d, frosty: snowy. 24d, mild. 25th and 26th, stormy, changeable: but a green Christmas. 28th to 30th, mild, but dull. 31st, rain prevails. Much rain or snow this month: with fog, chiefly about the 10th and 18th days.

REMARKS ON THE CHANGES OF THE MOON
AS AFFECTING THE WEATHER.

Usually on the third day following a New Moon some change of weather may be expected, but it is seldom of long duration. On the day the Moon pertches her first quarter, another change may be observed, but seldom, particularly when the weather has a strong bias, lasting above a day. Rain that has lasted for some time will, however, often clear up on that day, and not return until the end of the lunation. The Moon's last quarter makes little alteration in the weather, but on the third day after she has passed it a most remarkable difference may be observed; for the most part the temperature of the air changes, and the wind also, and rainy weather becomes fair, or fair weather rainy. Severe frosts generally break about the third day after the last quarter, but when they remain are attended by a heavy fall of snow. It seems strange that no very important changes take place at the Moon's trine and opposition to the Sun.

are in direct in high quarters. Law-making makes but slow progress, and gives little satisfaction. The ruling powers are far from perfect.

THE WEATHER.—Wind, fair at times, some showers. 5th, changeable. 4th and 5th, high winds, hail showers, thunder. 7th and 8th, rainy. 9th to 11th, fair in general. 12th, showery. Middle of the month, [illegible]

[illegible]

[illegible]

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