es throth all seaso,

Quality ,

Sun's Declination, 2nd. 3 33 1442 South. 12h 32m 58. Ap. N. RIGHT ASCENSION, VENUE SETS, -7h 13m 7h 10m

PRACTICAL ASTRONOMY.

cal reference; the larst letters of the Greek alphabet being used to designate Stars of the larst

phabet being used to designate Stars of the larst

and, and other substance; is carried down

increase, and the eruptions from its various

and and other substance; is carried down

increase, and the eruptions from its various

by rivers, and these recumulating at their

arrest have been frequent: that of 1783 is

mouths, are called deltas. Luring a flood,

the most terrible recorded in the modern and gentleman of the Society of Friends in the

as they are a tender regetable and killed by

North of First and

North of F

Roman Alphabet.

To persons on the Equator, the Stors rise and set perpendicularly; for, to them, the Poles of the world coincide with the Horizon.

Each Star is alternately 12 hours above, and as many below the Horizon.

To persons North of Sonth of the Equator, the Stors rise and solutions trees and animals are perpendicularly; for, to them, the hurried along, and entombed in the bottom of the sea. Lakes collect immense quantities of the Lake of Como, for many below the Horizon.

The wheat should be prepared for sowing sive the calculations of Mr Sonth of the Equator; and sometimes trees and animals are quantities of the store the store that is growing by some to each other: the one in forty, and instance, is nearly filled with it at the high-

To persons North or South of the Equator, the Stars all rise and set obliquely. The Pole Star will be seen stationary, as many degrees above the Horizon as are equal to the Latitude; and of the Stars that rise and set daily, those whose Declination North is the greatest, continue the longest time above the Horizon; and then the pole in the southern Horizon, and then disappear.

The subject of deltas is a very interesting sary to multiply instances of the violence of one. During a succession of ages, the Nile volcanic eruptions, and their power in oblite has transported an en amons quantity of rating the beauty and clianging the surface of mud and other rubbish into the Medicarra the globe: We shall only aneution the retinose whose Declination South is greatest, the shortest time. Some skirt the southern Horizon, and then disappear.

When there in the other fifty miles in length. It is unnecessary to multiply instances of the violence of the pole of the poles of the poles of the poles of the calculated that the night of the other fifty miles in length. It is unnecessary to multiply instances of the violence of the vio

star comes to the mersion, the day may come quently be found. The attack and against will vary with the hattack, and day the month, and the hour of the star, and to having any three of these terms, the other two may be found. The hour of the map in may be known at any time, by finding when any two stars have the same azimuth.

Solar Year, or tropical year, is the time which the Sun takes in passing through the turns to it again; and consists of \$65 days. 5 hours, 48 minutes, 48 seconds.

A S Deare is the time which the sun takes in passing from any fixed star, till he returns to it again, and consists of \$65 days, 6 in, 19 12"; the sidefeal year is therefore 20' 24" caravans are said to have been overwheamed completely correspond to the surplus labourers of English and the sound to the surplus labourers of English and the sound the surplus labourers of English and the sound to the surplus labourers of English and the surplus labourers of English and the surplus labourers of English and the surplus labourers of these them of the surplus labourers of the surplus labourers of these them of the surplus labourers of the surplus labourers of these them on the surplus labourer of Mr Scouris letters, is the proof the the surplus labour of the surplus labo

a Sign.

The Procession of the Equinoxes, denoting that slow insensible motion by which the equinoxes change their places, going backward or westward, coatrary to the rest of the signs, may be thus explained. The fixed stars vary their same latitude; these variations are accounted for by supposing that the celeptic. Or, that the poles of the equator revolver round those of the ecliptic.

ACCOUNT OF THE GLORY.

ACCOUNT OF THE GLOBE

ACCOUNT OF THE GLOBE
CONTINUED.

ALL those substances, which, by the action of the stmosphere, and other causes, as the parate from the more solid parts of the earth, have been very great in all ages. Taken as agency of water in the shape of rains, its respect to a lower level by the agency of water in the shape of rains, its respect to the captor of the strain of

SAINTANDREWS

O'I'M AND A HE ID,

NEW-BBUNGWICK.

Volume 2, Number 2.

QUID VERUM ATQUE DECENS CURO ET ROGO. . Thursday, October 2, 1834.

Tuesday, at 10 A M. and by Steam Boats. Tuesdays and Thursday. at 10 A. M. Mon. Wed. Frid Wed and Fri agent of destruction in this case. In filtering bound in all quarters of the globe, and in some of grain. The farmer, therefore, who should twelve pounds of clover seed to the acre has

noney and as the rent must be paid, whether and sowing a small quantity unprepared.—
The crop was tree from smut. The unpreiking one year to below the land, and anypared was very smully. her to grow the crop, two years' rent must be charged against the crop, or at least there and the against the crop, or at least there are the land was fallowed. As I followed, the limit would derive all the advantage of a summer fallowing, and avoid all the desidvantages attending it. I determined on renching thirty-four acres of my fallow break nimediately on the crop being removed from he ground, and had it sow with wheat be middle of November 18[2]. I may here emark, that I did not apply any manure, as I though the former crop was injured by height the crop per acre, stands as ollows: her to grow the crop, two years' rent must | ON THE RELATIVE PLEASURES AND PROFITS

By average of the 34 ieres, 44 bushels per acre at 7s.
For rent of landspir acre
Expense of trenching
Seed tting, threshing, and mar-

Thus the advantages held out as arising your of a pursuit in which a man need necom changing the prough for the spade are, ver fail? perpetual rotation of crops, where now vast The habits of expense engendered by

It will raise rents, by increasing the capabi. success while leading a life of idleness or nies of the soil, enabling the farmer to cul- pleasure? tivate wheat to double the present extent. It Agriculture is not incompatible with mea-will raise up a home market for our manufac-tal cultivation; it is favourable to virtue, as ing, or living a burden on the parish, will valries, which grow put of competition in other

PRACTICAL ASTRONOMY,
continues.

The Constituations are the fixed Stars with clays are the fixed Stars with clays which do not admit of its passage, through porous rocks, it sometimes meets with clays which do not admit of its passage, through open on the Earth; they occupy, in fact, those spaces in the Heavens which they are severally represented to do in Celestial Mape.

Hence we can trace the boundaries of any Consequence on each other, parcelled out into sections of the starry firmances, smilar to kingdoma on the Earth is not uncommon for volcanic is mass of roc's repose upon them, it is loosen with those spaces in the Heavens which they are severally represented to do in Celestial Mape.

Hence we can trace the boundaries of any Consequence which they are severally represented to do in Celestial Mape.

Hence we can trace the boundaries of any Consequence with the plough and harrow. The wheat is sown, being prepared as significant to the plane below. Many falls of this kind occur, we allow the consequence of the season of the season

SAINT, ANDREWS MAIL

the to trench over my fallow break during ed into it, and what floats after the seed is the summer months, it was by no means make thoroughly wet is skimmed off. The brine is the most of the system, as the operation was not only more expensive, owing to the left to soak twelve or more hours, the brine is then drained off, the wheat thrown in a significant or the left to soak twelve or more hours, the brine is then drained off, the wheat thrown in a significant or the large of the drain further, and out that it was a uscless waste of time to take pile on the barn floor to drain further, and twhole year to perform an operation that time or plaster mixed with the seed, and it is could be as well done in a few weeks provide then sown. This is a sure preventive of the d labourers could be had, and as, in all ag- smut, and ascertained to a certainty by pre-pendural operations, losing time is losing paring smutty wheat in this way for the crop.

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doxies, that the crop per acre, stands as compete in profits with the adventures of commerce, or the operations of machinery. £ s. d. £ s. d It is the greater uniformity in the products of 2 10 0 land contristed with the ever fluctuating character of commerce and manufactures, which establishes the point in question. If it be true that our country every twenty years withesskeing Profit 6 7 0 15 8 0 ding fraternity, what does it not argue in fa-

ects of land are lying useless to man with commerce constitute a heavy annual levy twenty-five per cent, more produce, and one upon the income of the prosperous mer-half less manure, and human hands and chant. Those habits are too likely to sur-menths raising and consuming the food now vive the prosperity which fostered them, Taised and consumed by the unnecessary norse. The system, "continues Mi. Scott "I admit is only in its infancy, but I have this year put it completely to the test, and should it succeed as well as it has done intherto, it the manufacturer or professional man, may sustain himself during periods of depression.

then independent of foreign supplies. Farm-ers will be enriched who are enterprising and industrious, and they only deserve to be so what lawyer or merchant would dream of

turers, as the paupers who are at present stary. the farmer knows nothing of the strifes and riind employment, and thereby be enabled pursuits, and which lead men to look with to procure the necessaries and comforts of an evil eye upon the prosperity or skill of a

The fall of rocks is common in mountains subterranean darksoss that has enveloped whose lofty ridges are exposed to the alternations of frost and than. Water is the grand them for seventeen canturier. Volcanos as capable of bearing wheat and other crops I usually sow on eat or barley stubble a here by will always find faith wherever imposters. will find impudence.

tinue the longest time above time riorizin; and those whose Declinating South is greatest, the shortest time. Some skit the content Horizon, and then diappear.

Were there inablicate at the Poles of the Sact, they would see the Stars more round in sircles parallel to the Horizon, which to them estimodes with the Equator. The Stars in that Hemisphere, whose Pole is the Zemith, never go below, those if the eposite hemisphere never appear above the horizon.

Those stars that have, a any time, the same Right Ascension with the Sun, come to the meritain before or after the sun, according as they lie to the west or east of his place. But, from the carth's annual motion into roll trouble among the stars, at the rate of nearly 10 per day; one degree being nearly 4 minutes of time, this causes the stars to come to the meridian at midnight will, the next night, be onit 4 minutes before \$2; in 2 mights, 9 minutes, &c. From this cause, if the hewcens be evived at the same hour of any two days, at the distance of 6 months from each other, a new assemblege of stars (with the exception of those than no the meridian very go below the Horizon) will be presented to linkage.

A revolution of one vear bigging the son exactly into the same and a form the same large of the stars, and the rivers are common and the sun seem being of stars (with the Caputo of those than no the case) where day the same and a star of the exception of those than no the case of the meridian at midnight will, the next night, be onit 4 minutes before \$2; in 2 mights, 9 minutes, &c. From this cause, if the hewcens be viewed at the same hour of any two days, at the distance of 6 months from each other, a new assemblege of stars (with the exception of those than no the major of the second of the same and a form the same with the exception of these throw up a barrier egainst their distance of 6 months from each other, a new assemblege of stars of the meritain of the same will be presented to linkage.

A revolution of any two days, at the distance of 6 months fro

ble of lupiter Ammon and Nuova, inner the same prices as sidely, and practices as sidely, and the sun returns to it again, and consists of 505 days, 6to, 1912; the sidered year is therefore parts the sun returns to it again, and consists of 505 days, 6to, 1912; the sidered year is therefore and the sun returns to it again, and consists of 505 days, 6to, 1912; the sidered year is therefore and the sun returns to it again, and consists of 505 days, 6to, 1912; the sidered year is therefore parts are included one of the feel and the sun returns to it again, and consists of 505 days, 6to, 1912; the sun carayans are said to have been overwheated by the Lybean sund; Barckkrath, the travel of the deep sund to have a large through the sun returns to it again, and consists of 505 days, 6to, 1912; the sun carayans are said to have been overwheated by the sun carayans are sund to have a large three days are so oppression and the sund three prices of deep sund through the waster of sund through through the waster of sund through the waster of s

are projected, have obtained the name of volcanos. The changes which these produce 10s.