

1811

Calcutta

14th Oct

1794

Journal

Calcutta

14th Decr

1794

Calcutta 1794

Sunday 14th Oct

Ther. at Sun 22 55

+ If a bag of Zink be
applied to the upper
part of the tongue and

a silver spoon to the

lower, either singly pro-

duces no remarkable

sensations, but both

together ^{a peculiar} taste -

- If one be applied to the
inside of the mouth and
the other to the ball of

the eye flashes of light

appear - Anus at Electⁿ

with Mr. Foxon on
- whether a present should
in particular cases be
accepted - Noire has
the root of a large tree
produces reddish very
much like the European
- Yellow tree never produces
here - Turn on fire
This is frequently done on
purpose, among the natives
in order to sell their skins
and mats - Various kinds
of white wood oil, cork oil
cocoa nut oil, but no
nut and seed oil -

Monday 15th. Over
Sun rise Ther.

in hand - . . . 55
on roof - — 54

There is always a difference
of one degree between the
height of the Ther. when
used on the flat roof of
the house and when held
in the hand —

— with Mr. Golding with
— just — visited the Car-
— nat — an excellent order
— Foundry — Corning Engine
— simple and effective
— all the touch holes
— are latched with steel
— screws in —

Tuesday 16th Dec.

Ther. tem rising. h. t. 54

M. Fanti —

2. Lecture on ^{air} all at

the experiments seen

~~Ther. tem, the rain~~

~~less~~ —

Wed. 17. Dec. 1794

Mr. F. —

— went to see the black
rocks of Calcutta. — Devin in

the evening.

— 2nd — race day

— applied to Mr. Elphinstone

a man for a passport
recommended by Dr. Lynam

— visit from Mr. Farquhar

Two long bars of iron

laid near each other

in a straight line with

soft iron conductor between

become strongly magnetic

Thursday 10th Oct.
A rare day - Lady Storr
had a letter from Mr.
John Remondy Surgeon
Town from -

5th Lecture - Hy-
drostatics - well -

The Annals who
on the celebration of
the King's recovery
deducted near two
men from jail was -
one for small debts
was father to the man
who now wears the
King's picture presented
to his father by the King

Friday 19th
went out at half
past 6 to see the race
three starts, one at
length to edge another
within the post, his
opponent shouldered
him off the course on
the outside - The
first run the ~~heat~~^{round}
but declared the 2nd
round of the heat -
The two rounds of the
2 heat were before
the first in 2' 50" the
2nd in 2' 55" The course
is said to be $1\frac{3}{4}$ miles

At On the same gran
near the corner corner
purchased a great many
books which covered
some large tables &
when breakfast was given
by the subscribers to
a vast number of Ladies
and Gentlemen - A platform
form of wood with a
canopy over it was
used for dancing. The
Ladies occupied this
after breakfast - But
there was no dancing
today as there is to be
a ball in the evening -

- with Mr. Farber
advised that a cat
may be taken out
and put on a table
with a saw by the
side, and the animal
will recover!

- News from the country
shows one other

- Elected Mr. Berry
for deacon

Mr. Lambert sent
two hydrometers
to try one of gums
and another one very
like gums

- My glass bulb
made 26 instead of

20 The proof point of
guns —

— The Esplanade is
the most spacious
openway that any
town I have ever
seen has —

— East of most of the
Mallays of Borneo
&c. — Like the Roman
Chari wheel —

— The Mallays never
wear their indigo in
a hard Lump. They
dye their cloths in the
best manner of the Persians

Saturday 20th Oct

Ther. h. t. L. R. ⁹ - 56

in hand - - - 57

B^d with W. Lambert -

- Thi. Walker's new Com-
pass case has small
Gimbals in the Center
- render the case too heavy
+ a puncher for a bed
a disputation in
Bengal ended over all
India

- with Dr. Outh-

Mr L. a large Com-
pany - Is it not a proof
of the usefulness of the

English Law of this
country that the Court
is kept so perfectly in
order and principally
by ~~European~~ ^{native} troops
The European troops
in Bengal are not above
of the Native Regiments
There are in Bengal
and ~~in~~ ⁱⁿ ~~the~~ ^{the} ~~country~~ ^{country} ~~of~~ ^{of} ~~the~~ ^{the} ~~country~~ ^{country}
is it possible for such
a number to be kept

Sunday 21st Dec

Thurs at S. M. h. t. 55

B. at M. Lambert

Hydrostat apparatus

Magnetical Oil

Tyger's Skin Soap

- at M. Foreman

- whether heat can exist

without light, or *viva*?

- Some assert that metals

do not contain air. W.F.

- when gold contains

much alloy, great alteration

when little. Commentaries

in the best process for re-

fining it. —

Monday 22nd Dec^r 94

But at sun rising }
h. i. — — — } 57

B^d at M. Fairbank -

12. Waggons loaded with
Gold machines were brought
to the camp from the
Prohallas —

Tuesday 23^d Dec
- giveni birth day - Love
balls interfere with the
lectures - two more
- Ball and supper at the
Theatre - Sir John Lady
Thore and daughter -
Numerous - Minnie - saw
Lore played - Corn by dances
four sets at a time
- Supper at half past
Ten returned to the Truck
in about one hour -
Lady Thore left the room
at 12 o'clock and Sir
John soon after -

Thursday 23rd Dec
— with Mr. Colwin. —
Mr. Bent - Two Systems
of Chemistry - Thermo-
dynamics accounted for
on the new system
— Iron 2 days, turn
pains black - can
metals be revised in
vacuo? Defflagration
Cinnabar, account of
the sublimation of
Benzol not just. The
nature he says is
decept. & full, reaction
— Now is this reconcilable
to the earth being good
to by themselves —

Nov⁹ 24 Dec 1794
Lamb - went off with
- important Silu. whi
- with Capt. D'Ambois
+ This morn^g the fog
commenced; it lasts
during the remainder
of the cold season

Saturday 27. Oct -
Ther. at 2. P.M. H. + 60
wind S.E. - by fresh fog
soon sets the hair on
the clothes - same smell
as in London, tho' not
quite so strong -
at half past 11 the
masons went on for
up to the New Church
+ Mr. In. .. soon observed
the Ther. at Calcutta
lower than 52°. The
heat of summer is
so to go - It is fa-
tunate for Calcutta that
the sea is to the south

Friday 26 Oct
- with Mr. Franke
began collecting the
subscriptions -

- Fog cleared up abt
half past seven
- before the fog came;
the wind was always
at N.W. and the water
consequently greater -
- If a cloth is worn
with small cuts ex-
posed to the sun, and
they will eventually get
off -

cutta when clear and
when there is a fog —
To examine the water
of the different Tanks, with
and gauges both with
respect to their height
and Chemical properties

+ The fags in Cal-
cutta were but to
a small height
- certainly useful
on account of the
rain from it to sup-
ply the want of natu-
ral rain - Salt
peter whether a ve-
getable or aeric mat-
ter - process of manure
factories it - Caves
wonderful excavations -
- water paying Salt
peter was reproduced
from the same soil -
- To try the air of Cal-

Monday 29th Dec 1794

Ther. Bar. Bar. h. T. 5.6

Clear wind N.W. —

— No business during last
week on account of the
holidays —

Sunday 28. Oct

That at sunrise 60
very thick fog continued
till 9 o'clock. - Electric
machines in the Lecture
room would not act, till
about 11 when very heavy
- is a good Hygrometer

~~with Mr. M. - 2, Jun-~~
- one from Cornhill -
- with Mr. Franke -
- At 8 in the evening - wedding
- Trip Light to Sun. walk
- Church + 35 - supper
at Mr. B. - Marriage celebration
went -

Wed. 31st Dec. 1795.

Ther. sun rose H. 1. 36

- sun very red and much
enlarged at rising

- with Mr. Fairlie

Tuesday 30th Oct.

— 5th Lecture — Electro

Magnetism — 1099

— young off. — now —

Friday 2^d

- Ther. sun rising h. 1. 56°

- with W. Lambert - It is
said that the climate of
Madras is growing warmer
and drier - Culture
produces this effect -

- transportation of Bengal
sugar into G. Britain

- The mountains in
most countries are of low
altitude - The Highlands
of Scotland are an exception

- Bellamy's view of Nature

- History of Epicureanism of
diff. countries - A treatise
on Culinary Chemistry

Thursday 1st Jan. 1795
- Ther. at sun. 22. 57°
mor. clear -

Dr. Dick Surge Party
wrote letters to the followi^{ng}
Gent. in London

Genl. Melville

Mr. G. Anderson

Mr. E. Brooke

Mr. J. Sewell

Mr. W. Morris

Mr. J. Nunn

Dutch Goods shop

Mr. Nore -

General Murray

J

Sunday 2 Jan
Ther. baromet. 56
a little after - 54
at about 12 o'clock the
letters and took leave
of Mr. Davis who went
down the river that day
to go on board the ~~Post~~
Capt. Gray to take his
passage to Europe - said
in a day or two —

Dartmouth 3 Jan.
Thurs. Jan. 1844 H. 54
- at home
7 books - Chemistry
went off well -
- after the lecture at
Mr. Lamberts - Mrs.
Bourne's labors (Owen
Humphreys - Kelly -

Dined with Mr. Belli
- Politics - Action
between the English
and French Princes
of the Marquis - English
gone to Rouen by
republic

Monday 5 Jan^{ry}
Ther. Ther. evening 44.55,
about an hour after sun
rising it fell to 53° —
— Have seen a new pocket
Ther. of Adams' Bar
the 20 Oct. —

— Last job done in cavity
with new or same plaster
well produced efflorescence
was on the opposite side
of the wall and below
the brick floor, was after
a new floor was laid
it sprung up between
the new bricks —

Nov^r 7th Jan^r 1793
- with his W^m Dombey
Improvements in Machinery
with several adopted
in this country - Horses
fed with Sugar cane -
Fiber gotten on the Sugar
Cane - Horses never
gilded in this country
Dress - Phlogistons

Friday 6 Jan
O^r Lectures - ~~Memoranda~~
with ~~Chadwick~~
I went for the fore
works - at 11.15
in the evening -
towards the sea on ~~the~~ ^{left}
side of the river there is
a thick and impenetrable
jungle which is not at-
tempted to be cleared away
it is our excellent ~~policy~~
to the place, infested with
Tiger Leopards &c -

Friday 9 Jan^r 1795

W Lambert's apr. bucket
— Chance pulling over has
his advantage also over
common ~~can~~ but where
in the latter, the fork the
boat moves, the top is the
effect of the ear, but in the
former the contrary takes

place —
— Mode of running water
common. This is done in
bucket made of a
Cudgum put in
from the end of a beam
— see which moves on over

Monday 8 Jan 1745
arrived this P.M. 1... 56
with A. Morris -

W. Ch... Cochran Chen
Salt works, put up with
on bamboo in the bottom
of the pits where the
~~earth is extracted~~ Salt
is extracted for the carts
- Glass work in plenty
on the banks of the river

Saturday 10th Jan 1793

Very great fog

Ther. barom - - - 59°

Fog went off about ten o'clock

Company at 12 - 14 -

Orontolite and Chemical

experiments - Pulver

sublimans - very good

Experiments went off well

- with Mr. Fairlie

- Got from G. Lunde some

cutts which with the

addition of an inflamm^{pt}

substance will burn in

truly away - also

burn down stone

earrings — Circular earrings
combining at present —

— Ancient Gallia — Now
the banks of ear were
disposed of —

— The hoop such as is
used in China is common
in India —

— The Hoop is gaining
on the bank of pearls to
Calcutta —

— The Swedish crown is said
to be to the English as 100:110
the French to the English as
100 to 100 some say as 100:102

+ Owen's writer —

Hindoo Cards - Chief
other Games - Method
of measuring time by
the number - Clepsydra
Hindoo hours their length
- Indian Jew, common
in the town of
Nahan Doctor, prescribe
improperly - North-
westers begin generally
in the East - short in -
linal more ^{to} round the
N. west when the blow
with double fury -
give time to prepare
- on the river should
always come to anchor

Sunday 11 Jan

Ther. at sun was 50°

Breakfast at Capt. Turner

River gauge - no water
ration - take high

and fishes in drain

Fishes in Diet.

Box for shooting balls
of clay - find perpendicular.

cut a considerable piece

Elephant's tusks -

rather soft - shells

mother of pearl - Myra-

mites in ivory tube with

a glass tube inserted

Cymbals - Mussels for

Shamrock Nudes and Charms

them in America. Do not much
less here. In America it
is impossible to travel
one day's journey without
seeing trees struck with
lightning. In Bengal
this is seldom. The cases
and the instances of people
being killed are very
rare — This cannot be
owing to the great quan-
tity of trees in India
for there are more in
America —
+ Got from Mr. Turner a
stone which is so hard
that the Jewellers are lately

and defect on the north
side —

— With W. Fournier — a
fruit like gooseberry
in taste — It is cultivated
in India much more
common than in Europe
— India Company (the
contracted for (built)
by the Gov. some 13 £
Q. Ton — some 20 —
The freight paid by the
company is from 20 to
30 £ Q. Ton —
It is remarkable that
the more bread
and more frequent in some

Monday 12 Jan. 1795

— Sun vis. Ther. H. 7. 60

W. W. wind South E^{ly}

low thin clouds towards

the horizon —

— Leather ell. Tanned in

Indu - gun can the

process be carried on as

well here as in Europe

what Subingent is to

be substituted in place

of ~~the~~ oak bark? —

— with Mr. Farber —

+ Glow worms in the Spring

in Diphlogotela as

+ To try the use of the black
hole of Calceola —

Thinking to see it's fine
to polish diamonds -
- This mor? Sully and
Sturdy, and Southley
at 10 p.m. a storm
of thunder and light accom-
panied with a heavy rain
and sudden gusts of wind
- That at 10 p.m. room 71,
The India person has
a kind of watch on who
comes in to the person's pu-
rse every Sunday from his
is about minutes. The
cries back out a London
which contain a complete
map and each of long life -

Tuesday 13th Nov 1795

Sun rise 7^h. 45. 60

~~Thin light clouds seen~~

~~in horizon~~

— rain — cleared up at
noon —

Lecture on the Medica
— meet powers —

— Venues are getting
out of me in India
Many are built up
they often increase in
stead of diminishing the
heat —

Respirer have the property
of discharging the bad smell of
air with ^{out} contributing any way
to its purity

Thursday 13th Jan^r
Ther. sun vis h. 2. 60

— At home —

At Lecture on Abnormal
went off well —

— A whistling table neces-

ry —

Wednesday 14 Jan^{ry}
— with W. Catcroft
— Fulle — W. F. has
left a sum of money
to establish a professor
of Culinary Chemistry
at Madison —

Saturday 17th Jan 1895

Ther. at 8.2: h.t. - 59

dry when held in the
hand. Uniformly one
degree higher in the hand
than when laid on the

Open air -

Dr. Roebuck - Low
precipitates the colouring
matter from an infu-
sion of Indigo better
than any other sub-
stances, probably owing

to this circumstance

that the Inf. 9th matter
is suspended in water

by means of fine air

- How is this to be ascertained?

Friday 16 Jan 1795

Ther. at sun rise - h. l. 39

~~Notes~~ Microscope
pressing and burning my

Steps -

+ Judge manufacturer
will probably overdo the
business. Index is
sold in London from
5 to 10 sh: G. Lib

Sunday 18 Jan
- Pros - Mrs. } 60
at sun. vic }

- Ladies at the school

room -

with Mr. Fanti -

Dr. Dick -

The whole Indigo
business is done thro'
the Merchants in Cal.
who advance money to
the Manufacturers and
export the Indigo to Europe
— At N. D. — the
evening — Rules

Tuesday 20th Jan^y

With G.D.

2 Lectures on Astronomy —

well received

A perfect man will not
carry off pork, nor a
Romeo beef — The latter

was the case in Cow

— private Capt. Bullard

of the Phoebe and the

other sent to the

Lecture

Monday 19th Jan^y 1795

at Sun rise the bar h. l. 31°

land on the roof - F

- after Sun rise a very
short of 21 fms in ho-
rizon of the Kings built

day which is to be cele-
brated by a ball and sup

per this even^g, at the The-
atre - shall not go -

- This mor^g. - Newspapers -

- This day received a letter
from Capt. Bruce by

Captain Barrett of the

- with Mr. Fairlie -

Thursday 22 Jan. 1995

Ther. seven o'clock hit 59.

Rec'd a letter with two
bottles of water for the
hot springs at Buckle

horn, from Mr. W. Brooks

at the request of Mr.

Samuel Davis. Ana-

lyse -

with Mr. Family -

The new Boston proposed

holds out encouragement

for families, and the m-

only one of the most honest

profession - husband, wife

By the death of a friend

a Lac or two of business

Nov^y 21 Jan^y 1795

Phil. Lem vis L. 1. 54

— Compary in the Tror?

The Author's Ovaries suc-
ceeded extremely well with
Microscope — Eye defect
which machine for colors
not perfect — yellow and red ap-
pear — W. Sharpe from

London brings me accounts
from Mr. Mann and several
other friends — Dr. A. DePute
an eye — Done with him
made me a present of his
sculpture — and left me another
care —

This was? a visit from
Mr. Newby - whether Steam
Engines would be advantage-
ous in Sugar Mills in this
country. The Native mode of
crushing the reeds is extremely
imperfect, much juice con-
sumed - could the Steam for
the boiler be applied to work
the Engine? -

+

may he had the consequence
is obvious

— of the company's. Several
it is said that for eight
years had not more than
one in fifty has died at
a medium for each year —

— To this it was opposed for
a report that two in fifty
died, but wondering that
the companies should
come out when ^{young} men and
return before old age ap-
proaches the first proportion
was more than the truth

This evening I conducted

my course of lectures. The
company has been regular
in attendance, and the room
nearly full every night —

The number of the
half bred or country born
in this country is great
and the order of the Court
of Directors to admit of no
boy born of country pro-
thers puts the boys
in a very awkward
predicament. The increase
is so rapid that there
is time some great
change must take place
- The native buildings
are best seen at Oacca
- Benares the ancient
seat of the Hindoos, streets
narrow - houses project up-
wards so as almost to

Friday 23 Jan

Mr. Puro this morn^g
In Choultry —

Mr. Humphrey — Elected

machine — Mr. Berry

to be elected. ^H

+ Benares situated on a
hill — Iron mines on a
mountain near Calcutta

where there is also good
calcareous earth — Hills

very high — Travelling

to Benares over land

is much slower — smell

of sulphur in indication of

a tiger —

Saturday 24 Jan 189
Ther. sun vis. h. t. - 49°
wind N.W. ⁴ clear —
— at Mr Forman's 48
— B^d at Mr Forman
Electrical machine —
Pantograph — Delinicator
E. Emmerson's Mechanics
— subscribed to the li-
brary 4 ~~1~~
repaired —
— and made use of by
Mr Blake to clean the
mirror of a reflecting
telescope, soon rendered it
totally useless —

met at the top —

— I think the natives
join they would soon
drive the English out of
the country. The Native
Institutions are well desu-
pended as the Europeans. A

The regularity of pay in
the companies' service is
the best guard for their fi-
delity — Military —
Officers of the country al-
ways much is curious
to their armies —

Monday 26. Jan^y 1795th
Ther. at sun rise. 52

- with Mr. Golding - whether
of pleasure will ever get over
the want of light in high
magnifiers - I wish I could
see from the hot springs
is said to be good, it
does not terminate when
this is contrary to the
account given me by
Mr. Brooke -

Sunday 25th Jan 1793
Ther. at 1/4 hour after sun.
rise on H. 1. - 46,

- with Mr. Foreman - whether
an admiral can hold a court
to condemn a prize - whether
particular privateers were ransomed
by prizes as is done by the
French -

- Mr. Humphreys; Ther.
was at the same time
at 41° -

- Agates brought down
to men) the road was
very pretty - fishing
roads of bamboos very
good - valuable in Eng.
- Both worms feed on
the Cassia tree -
- Cochineal insect on
the fruit of the
a species of the Cocum -
- Flies from
sold to a seat cutter
in England very high

Tuesday - 27th Jan

- At 11 am. Put
on H.I. - - - 50

- Purchased a pair of
Dams 18 Globes and
old 12 pairs Ditto
a quantity of broken
specimens 9 caps -
and a box of colours
with a pump to take
of vegetables -

- with Mr. Miller -
Dr Lynde Capt. Lloyd
Sec - ~~Forbes~~ White Capt -
In is made on the
Fryer Row - with
Anson and Smith -

Downward with his trunk
- snakes seldom bite higher
than the mud leg - boots
are a perfect security for
the legs - some snakes
dart from trees or walls
at a man and are very
rapid in their motions.
- steel made with dried
ox blood - difficult to
temper steel in hot
weather - too soft -
The melting pots saw
to answer well and pro-
duce a top only of two
inches as are made of iron
cup both on the inside
and outside - On the
inside with a composition
of Clay sand and Charcoal

Wednesday 20th Jan 1795

Am rise Ther. h. t. 64^o

morning cloudy little dew had
been fallen, consequently no
wasp. which accounts for

the Ther. standing so high

— Looked over the Catalogue
of books of the late Sir W.
Jones — Chinese and Latin
Grammar — Arithmetica —

— with Mr. Fairlie —
returned 7^h — 3^h Letter

— Mr. S. called in the
evening — Stephens

and Tyger — The former
stands still with his

trunk perpendicular
when the Tyger makes
his spring, the Elephant
shakes him obliquely

one length of an inch
thick - On the outside with
loose mixed with hemp
and Paddy husks. -
20 centons - Few tubing
every time. Different ex-
pression of Clay and iron
- Inside tubing must be
ground to obtain the
unbroken tubes - too thin
iron will affect the set-
ting through the thin lu-
ting - Exceedingly diffi-
cult to get the steel
for dies of the proper
temper -

Saturday 31st Jan 1795

The sun rise h. to 63^o,

- with M^r F -

- at Mr D's in the Evening

Mr D's reply - Superior

Friday 30th Jan^y 1795

Ther. at sun rise h. l. 60
— with M. Foreman — The

Barometer measurements
are subject to the inconve-
nience arising from currents
of air blowing of different
parts of the Mountain

— This morn^g was inform^d
by Tojazz at Naples that

M. Maclean had something
to say to me respecting
the Nabobs brother who
is here at present —

Sunday 2^d Feb^r 1795

At 4 a.m. Thru^g in house

one - 63
The other - 64

at 5. Venus a crescent
thru the Reflecting Telescope

- Sun was Thru^g h. t. . . 52

refraction near the horizon
very great

- Took an occultation
of Sirius with an
18 inch ach^r of Row-
son - Cap^t. Price at
Smiths -

Sunday 1st Feb 1795

- At 3 this mor. I was
affected by a most violent
fit of Vomiting, and ~~fever~~
which continued almost
without interruption till
6. high fever - abated
towards noon - Dinner with
Docher, Peck, M. and Mrs
Cox Dr. Buchannan
Miss Patison The Miss
Oglevis - Miss Frank
Ferguson and Holland -
- I saw up an occult
telescope -

The N. Lectures have like
was not been regular —
— given what is this owing
to? —

Tuesday 4 Feb 1795

Employed in moving
the apparatus and
preparing for the
Exhibition — Capⁿ
Price — Chronometer —

— with Mr Brown — young
Ladies from the hospital
much of the day of visitation
— Chinese Gods — Metabe Pede
— Chinese Pictures all from
India —

— Scarcity here of salt
greatly altered in Bengal
The rising season which
could be depended on to
almost a day, has been
later by a whole month

~~Thursday 5 July 1895~~
and sometimes written
"This is God O - is the
name son" - "Buggers"
I know not what the
Buggers mean" - The
work had been published
the work in English but
he saw it was so much
the same with the Euro-
pean Algebra, that it
would not be believed to
be Hindu - The quantity
he wrote was called why
- how to measure
Degree of the Earth -

and

Wed. 4th Feb. 1795

Moon set eclipsed visi-
ble till within 10 minutes
of her setting and sun set
Ther. h. l. ————— 55° —

— with Mr Brown — saw
a treatise on Algebra
written in Sanscrit and
translated into Persian
by The whole
is written out in Persian
by Ruben Burrows
with a translation into
English interlined and
read backwards like the
Persian — with such re-
marks as the following
frequently on the margin

Friday 6th Feb 1793

- Set out for the race ground
and 4-

- Two 3 horse Match - English
won both heats -

- First round of last heat per-
formed in 2' 58"

- Second round of ditto in 3' 1"

- Match between two horses
was run in 3 12

+ Revenues of Bengal amount
to 5 million Sterl. & Am.
Expenditure . . 3 Mill^{ns}

Bombay Rev^d 2 to 3. ~~Mill^{ns}~~
hundred thousand pounds
Expenditure five ~~100000~~
Madras has also hitherto
been a losing province.

Thursday 5 Feb 1795

Went to Mr. Fox's
Golden Hump - but was
to ascertain the mass
of the things is by hanging
weights to them -

- arranged the apparatus

- with Sir John Stone

- 22 at table - observed

and Antichlorite by

- great machinery to

facilitate labour -

- Mr. Dickson - Press

was artfully green -

Saturday ~~7~~ Feb^y 1795

Ther. at sun rise h. t. 51°

went with Mr. Morris to
see the oil press mortar
used in manufacture - heavy
metal machinery

Oil mill consists of a
wooden mortar with
a pelle which moves
conically like a snuff
mill, it is wrought by
one bullock - Two mills
in one house - 6 bar re-
amed, four rest while the

decomposition of glass - instances
of it occur frequently in the
torrid zone

But it is said now that
the income equals the ex-
penditure —

The Civil List of Bengal
is more than double that
of England —

The order from the Court of
Directors to ~~not~~ subscribe
loans with very improper
arguments both for and
against —

— imports on the country
trade very light. —

— with D. (Dicks. — N. and

Mr. Cox — Amatra a long
field for a mineralogist
Volcanos — Silver perfectly
black during the voyage Mr.
packed up in a trunk — +

Washes with their skin
with oil of mustard seed
they also use in cooking
their victuals —

— Gun work in them
English turn to account
in this manufacture?

+ Matt weaving

— a part of course

Threads are kept fast
by passing thro' a frame
like those of a heddle

The work is just be-
hove them with the fingers

both hands employed.

great rapidity and much
regularity —

Other two sorts —
— 12 Seers ^{of seed} make 4 of
oil more or less in pro-
portion to the goodness of
the seed — 12 Seer put
into the mill at a time
it is first moistened with
a little water both to
soften the seed and prevent
it flying from between the
pebble and mortar — One
mill produces in a
Day near —

The dry cake of the seed
is used for feeding cattle
— Price of the mustard
great quantity used —

Sunday 9 Feb. 1795

— with Mr. Collins —

Chenades —

— Mr. Webb and Row

ison — at home —

— Scullites —

Monday 9th Feb.

— with Dr. Dick —

Mr. Cox — Penwater —

— respecting the accuracy
of Barometrical measure-
ments —

Cloth weaving.

Loom extremely rough
~~but simple~~ - I think
of iron - Rest on each
side loom lying on the
ground -

- with W. Lambert.

The word Tontine is de-
rived from the name of
the man who invented
this kind of society
hence every society where
insurances on lives &c
take place is called a
Tontine -

Wed. 11 Feb. 1795
with Mr. W. Dunning
New Town a bridge
to be the best, most li-
beral ever offered to the
publick —
Gov. at home does
not think this country
worth notice — or worth
without information —
perhance a request
of Mr. Wilson to Mr.
for 250 J. paper —

Friday 10. Feb^r 1795.

Mr. Fawcett - has
Vessels said to be arrived
from Europe in Ballinacorney
road

- purchased the Encyclopaedia
Britannica: 12 $\frac{1}{2}$ Vol. printed
together with a Compendium
and other Manuscripts
from Mr. Black for 297

Dr. Pringle -

Friday 13th Feb. 1795

with Mr. Miller - Snow.

with me two seconds at
the Cape - how ascertained

Evening with Mr. Foreman

How far happiness de-

pends on Science - whether

improvements in Ship

building would lead to

the benefit of Bengal, it

is alleged that the slower

the return so much the

better -

This Mr. P. received a

present of some grapes

and raisins in dried grapes

from the youngest Master Peter

and a present Mr. P. for 500 Rs.

Thursday 12th Feb 1793

- with Mr. Forman -
- Acorn - Hunted - who -
- tonight - out day -

- The Sparrows in the
birds which enter they
long run thro' the holes
made for the holes Mi-
croscope examine them -
seen by looking on
sweet piece of broken
Specimen Glass in a
box near the window.
They are constantly found
near the window -

Mr Edward Harrison
1st officer of the Rockingham
Capt John Relfe
Bombardier Marine

Thos. Dutton son Esq.
at Radworth Clove Mills
near Coventry —

Saturday 14th Feb 1795

— Yesterday Morn: a Court
of Capt: Gales and Mr. News-
on — whether the court
take place before the
shot runs the price
— being and short Cham-
ber — barrels —

— with Mr. Boswell
— This Day wrote to Mr.
Ch: Campbell by Capt
Smith. gave the Capt a
Memorandum respecting
curiosities —

+ whether the fort at Ocho-
pen any too properly situ-
ated for — more requisite to
defend the Island —

— Several Indian men arrived

