

The Messenger Almanac.

OCTOBER.

Last Quarter, Oct. 8th, 9h. 29m. M.
New Moon, " 15th, 10h. 55m. M.
First Quarter, " 22nd, 11h. 4m. M.
Full Moon, " 29th, 9h. 55m. A.

Table with columns: Day, SUN., MOON., High Tide. Rows 1-31 showing tide and moon data.

THE TIDES.—The column of the Moon's
Sourthing gives the time of high water at
Parrsboro, Cornwallis, Horton, Hantsport,
Windsor, Newport, and Truro.

High water at Pictou and Cape Tormentine,
2 hours and 11 minutes LATER than
at Halifax. At Annapolis, St. John, N.B.,
and Portland Maine, 3 hours and 25 minutes
LATER, and at St. John's, Newfoundland,
20 minutes EARLIER than at Halifax.

FOR THE LENGTH OF THE DAY.—Add 12
hours to the time of the sun's setting, and
from the sum subtract the time of rising.
FOR THE LENGTH OF THE NIGHT.—Sub-
tract the time of the sun's setting, from
12 hours and to the remainder add the time
of rising next morning.

BAPTIST CHURCH REQUISITES.

Articles and Covenant \$1.00 per 100.
Church Record and Register \$2. and \$3
each.
Alphabetical List of Members 40 cents
each.
Letters of Dismission 50 cts. per quire.
Psalmists, in all varieties, from 85 cts.
Baptist Hymn Book from 50 cts.
Baptists Hymn and Tune Book \$1.00
and \$2.25.
Scripture Catechism, \$6.00 per 100.
CHRISTIAN MESSENGER OFFICE,
No. 69 & 71 Granville St., Halifax.
April 15.

For Consumption

And all diseases that lead to it; such as
COUGHS, NEGLECTED COLDS, BRONCHITIS,
PAIN IN THE CHEST, AND ALL DISEASES
OF THE LUNGS.

ALLEN'S LUNG BALSAM

IS THE GREAT MODERN REMEDY

IT IS WARRANTED to break up the
most distressing Cough in a few hours
time, if not of too long standing. It is
WARRANTED to give entire satisfaction
even in the most confirmed cases of Con-
sumption! It is WARRANTED not to pro-
duce costiveness (which is the case with
most remedies), or affect the head as it
contains no Opium in any form. It is
WARRANTED to be perfectly harmless to
the most delicate child, although it is an
active and powerful remedy for restoring
the system. There is no real necessity for
so many deaths by Consumption, when
Allen's Lung Balsam will prevent it, if
only taken in time.

PRICE \$1 PER BOTTLE.
SOLD BY ALL DRUGGISTS.
Apr 22.

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May 24.

AGRICULTURE.

The Farmer.

The farmer 's the chief of the nation—
The oldest of nobles is he;
How blest beyond others his station!
From want and from envy how free!
His patent was granted in Eden,
Long ages and ages ago;
O, the farmer, the farmer forever,
Three cheers for the plow, spade and
hoe!

Then sing me the life of a farmer,
With comfort and health in his train,
And heed not the voice of the charmer,
That whispers of speedier gain;
With all the rich treasures 'tis teaming,
That heaven on its child can bestow;
O, the farmer, the farmer forever,
Three cheers for the plow, spade and
hoe.

CARE OF POULTRY.—Alderman
Mechi, of London, a successful Eng-
lish farmer, claims that nothing pays
better on a farm than good stock of
poultry well managed. He allows his
fowls to roam his premises, and thinks
they are a benefit to grain crops. With
fowls, he says everything is turned to
good account, not a kernel, wild seed or
insect escaping their scrutinizing eyes.
Their industrious claws are ever at
work uncovering, ready for appropriation,
every hidden but consumable
substance. He regards grass as a ne-
cessity for them in summer, and in
winter they should have swedes or
mangles. Pure water and shelter from
wet are requisite for their thrift. To
prevent disease he advises salting the
yards where they are confined, in au-
tumn, when the winter rains will
wash it well in and sweeten the
surface. He says, "Broods of chickens
never do better with us than on the
grass brows or patches abutting upon
the growing crops either of corn or pulse
into which they run, either for insects
or for shelter. The roof of the coop
should be water-tight, and the coops
should often be moved, having only the
natural ground for the floor. The
natural ground soon gets tainted unless
you move the coop. You can hardly
make some people good managers of
poultry if they lack observation and
judgment. This is specially neces-
sary in the breeding of poultry; your
male bird should be often changed, say
every second year. He should be
young and vigorous. Breeding in
and in won't do any more than with
animals. I consider winged game,
poultry and birds the farmers' friends.
My poultry have access at all times
to my fields. Fowls are very useful
in clearing off flies. I have often been
amused at seeing the neat and quick
manner of taking them from reposing
bullocks, much to the comfort of the
latter."

A RECIPE FOR PREPARING SOIL
FOR HOUSE PLANTS.—Cut a quantity
of sods about six inches thick and put
them in a heap, placing them bottom
side up. It is well to put a little old
cow-manure between each layer of sods.
Turn this heap over three or four times
during the Summer and it will be
ready for use. I generally let it lay
over Winter before using, so as to give
it the benefit of a thorough freezing.
Never sift the soil unless the pots it is
to be used in are very small; by this
the best part of the soil—the fibre—is
lost. If there are any dry lumps of
sod remaining unbroken after the differ-
ent turnings, they may be chopped fine
with a spade at the time of using. It
is my practice to pull them to pieces
with the hands, and to place them
in the bottom of the pot next above
the drainage, reserving the finest soil
to shake about the roots. If the soil
is rather heavy put in a little sand;
for ferns, put in about one fourth
leaf mould from the woods. Every
lover of house-plants could have a pile
of soil like this, with very little trouble,
ready to use at any time.

CURING BEEF BY INJECTING BRINE.
The infiltration system of salting beef,
by filling the bloodvessels with brine,
is attracting considerable attention in
Australia. In some recent experi-
ments at Brisbane, bullocks were
treated as follows: At the instant of
killing the animal's heart was laid bare,
and incisions were made in both ven-
tricles. Into the orifice of the left ven-
tricle a pipe was inserted, and a stream
of weak brine was forced through the
bloodvessels, washing out all the blood.
Pressure was obtained by having the
brine in an elevated tank. After the
expulsion of the blood the right ven-
tricle was closed by a clamp, and strong-
er brine was forced in until all the
bloodvessels were full. In this way
the distribution of the brine through
every part of the meat is said to be
complete and the curing perfect. It
is proposed to send to the Sydney Ex-
hibition a whole bullock thus preserved.

THE HOUSEHOLD.

SPANISH CREAM.—Take one-half
box of gelatine, put it in one quart of
milk, let it soak for forty minutes to
one hour, then put it on the fire and
stir until fully dissolved, then add the
yolks of four eggs and four table-
spoonfuls of sugar well beaten together;
stir until it comes to a boiling point.
Have the whites of the four eggs and
four table-spoonfuls of sugar beaten to
a froth. Remove from the stove, add
the whites of the eggs and sugar thus
prepared, stirring briskly until thor-
oughly mixed. Flavor to taste, put in
a mould wet with cold water, and set
in a cool place to congeal. If made in
summer it must be put with ice, or it
will not separate. If properly made it
separates and one part is custard, the

other is gelatine jelly, and makes a very
pretty dish, greatly admired. Eat with
cream.

STAIR CARPETS.—Stair carpets
should always have a slip of paper put
under them, at and over the edge of
every stair, which is the part where
they wear first, in order to lessen the
friction of the carpet against the boards
beneath. The straps should be within
an inch or two as long as the carpet is
wide, about four or five inches in
breadth. A piece of old carpet answers
better than paper if you have it. This
plan will keep a stair carpet in good
condition for a much longer time than
without it.

SOFT BEDS.—There are differences
in opinion in regard to the best beds for
refreshing sleep, some persons advocat-
ing soft and some hard beds. The
difference between them is that the
weight of a body on a soft bed presses
on a larger surface than upon a hard
bed, and consequently more comfort is
enjoyed. Hard beds should never be
given to little children, and parents who
suppose that such beds contribute to
health by hardening and developing
the constitution are surely in error.
Eminent physicians—both here and in
England—concur in this opinion, and
state that hard beds have often proved
injurious to the shape of infants. Birds
and animals cover their offspring with
the softest materials they can obtain,
and also make soft beds for them; and
the softness of a bed is not evidence of
its being unwholesome. But if it is
not kept sweet and clean by daily air-
ings and frequent beatings—whether it
is hard or soft—is surely injurious to
health.—Country Gentleman.

DURABLE WHITENESS.—Take a
barrel or a sack a bushel of fresh lime
in it, by covering the lime with boiling
water. After it is slacked add cold
water enough to bring it to the consis-
tency of good whitewash, then dissolve
in water and add one pound of white
vitriol (sulphate of zinc) and one quart
of fine salt. This makes a whitewash
that will stick as well as paint. It
owes its durability to the white vitriol,
which hardens and fixes the wash.

TO CLEANSE GILT FRAMES.—Take
sufficient flour of sulphur to give a
golden tinge to one and one-half pints
of water; boil in this water four or five
onions, strain, and when cold wash with
a soft brush the part that requires re-
storing; when dry it will come out
as good as new.

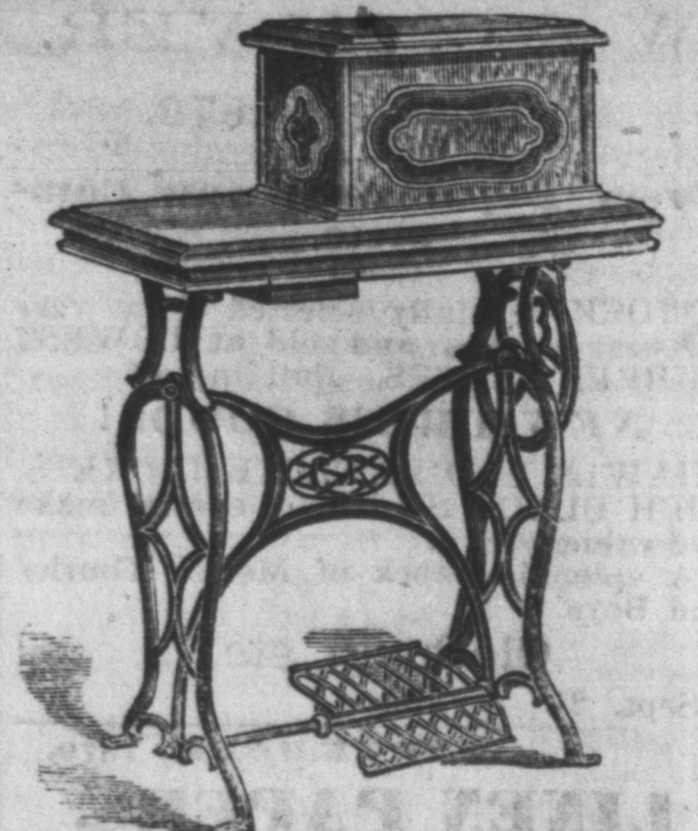
SCIENCE.

A PNEUMATIC DISPATCH TUBE.—
Shavings from a planing mill in Chi-
cago are, by an air-blast, blown 700
feet through a 15 inch sheet iron pipe,
to a distillery, where they are burned
for fuel.

TO EXPELL FOUL AIR FROM A WELL.—
The quickest way to expel foul air
from a well is to heat a bar of iron red
hot, and lower it down into the water;
the sudden formation of steam is effec-
tual.

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Feb. 26, * to Dec. 31, '79.

WESTERN COUNTIES RAILWAY.

1879. Arrangement. 1879.

TRAINS LEAVE HALIFAX

7.55 a. m.—Express daily for St. John
and intermediate points.
3.30 p. m.—Express daily for Windsor.
Connection for Kentville and
intermediate points on Tues-
day, Thursday and Saturday.
8.20 a. m.—Passengers and freight Tues-
day, Wednesday and Friday
for Annapolis and intermed-
iate points.
Arrive at Windsor—9.40 a. m., 5.40 p. m.,
11.15 p. m.

LEAVE WINDSOR:

7.00 a. m.—Express, Tuesday, Thursday
and Saturday.
10.00 a. m.—Express, on arrival of train
from Kentville, Monday, Wed-
nesday and Friday.
2.00 p. m.—Passengers and Freight Tues-
day, Thursday and Saturday.
6.50—Express daily.
Arrive at Halifax 9.28 a. m.—MOON,
4.50 p. m., and 8.30 p. m.
July 1, 1879.

WINDSOR & ANNAPOLIS
Railway.

Summer Arrangement,

Commencing 1st July, 1879.

Table with columns: Miles, Express Daily, Pass. & Frt. W. & F. Trains, Passengers & Frt. Trains, Freight Trains, Sunday. Rows for Windsor, Wolfville, Kentville, Berwick, Wilmot, Annapolis, St. John.

GOING EAST.

Table with columns: Miles, Pass. and Freight, Mon. Wed. and Fri., Passengers & Frt. Tues., Thurs. & Sat., Express Daily. Rows for St. John, Annapolis, Wilmot, Berwick, Kentville, Wolfville, Windsor.

Steamer "Empress" leaves St. John every
Monday, Wednesday and Saturday and
Annapolis, to return on Tuesday, Wednesday
and Saturday.

INTERCOLONIAL RAILWAY.

1879 SUMMER ARRANGEMENT 1879

TRAINS leave Halifax daily (Sunday
excepted) as follows:—

At 8.05 a. m. (Express) for St. John, Pic-
tou and intermediate points.
At 12.15 p. m. (Accommodation) for Pic-
tou and intermediate points.
At 5.00 p. m. (Accommodation) for Truro
and intermediate points.
At 6.15 p. m. (Express) for St. John,
Riviere du Loup, Quebec, Montreal, and
the West.

WILL ARRIVE:—

At 9.15 a. m. (Accommodation) from
Truro.
At 10.35 p. m., (Express) from St. John,
Riviere du Loup, Quebec, Montreal, and
the West.
At 2.55 p. m. (Accommodation) from
Truro and Pictou.
At 7.40 p. m., (Express) from St. John,
Point du Chene, Pictou and intermediate
points.
July 23, 1879.

SPRING HILL
AND
PARRSBOROUGH RAILWAY.

Connects with Intercolonial.
Leaves Parrsborough at 9.30 a. m.
Arrives at Spring Hill at 12.20 p. m.
Leaves Spring Hill at 3.20 p. m.
Arrives at Parrsborough at 6.00 p. m.
May 28, 1879.

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