

THE PROTESTANT AND EVANGELICAL WITNESS.

A NEW PAPER FOR THE CHURCH OF ENGLAND.

**WEEKLY CALENDAR—SEPTEMBER.**

- Last Quarter, 26 day, 6. 5pm., morning.
- New Moon, 27th day, 11. 2pm., morning.
- First Quarter, 2nd day, 7. 11pm., evening.
- Full Moon, 28th day, 6. 27pm., evening.

DAY.	MONTH.	SUN.	MON.	TUE.	WED.	THU.	FRI.	SAT.
1		High water, 6. 30am.	Low water, 12. 30pm.	High water, 6. 30pm.	Low water, 12. 30am.	High water, 6. 30am.	Low water, 12. 30pm.	High water, 6. 30pm.
2		5. 30pm.	6. 10pm.	5. 30pm.	6. 10pm.	5. 30pm.	6. 10pm.	5. 30pm.
3		5. 30pm.	6. 10pm.	5. 30pm.	6. 10pm.	5. 30pm.	6. 10pm.	5. 30pm.
4		5. 30pm.	6. 10pm.	5. 30pm.	6. 10pm.	5. 30pm.	6. 10pm.	5. 30pm.
5		5. 30pm.	6. 10pm.	5. 30pm.	6. 10pm.	5. 30pm.	6. 10pm.	5. 30pm.
6		5. 30pm.	6. 10pm.	5. 30pm.	6. 10pm.	5. 30pm.	6. 10pm.	5. 30pm.
7		5. 30pm.	6. 10pm.	5. 30pm.	6. 10pm.	5. 30pm.	6. 10pm.	5. 30pm.
8		5. 30pm.	6. 10pm.	5. 30pm.	6. 10pm.	5. 30pm.	6. 10pm.	5. 30pm.
9		5. 30pm.	6. 10pm.	5. 30pm.	6. 10pm.	5. 30pm.	6. 10pm.	5. 30pm.
10		5. 30pm.	6. 10pm.	5. 30pm.	6. 10pm.	5. 30pm.	6. 10pm.	5. 30pm.
11		5. 30pm.	6. 10pm.	5. 30pm.	6. 10pm.	5. 30pm.	6. 10pm.	5. 30pm.
12		5. 30pm.	6. 10pm.	5. 30pm.	6. 10pm.	5. 30pm.	6. 10pm.	5. 30pm.
13		5. 30pm.	6. 10pm.	5. 30pm.	6. 10pm.	5. 30pm.	6. 10pm.	5. 30pm.
14		5. 30pm.	6. 10pm.	5. 30pm.	6. 10pm.	5. 30pm.	6. 10pm.	5. 30pm.
15		5. 30pm.	6. 10pm.	5. 30pm.	6. 10pm.	5. 30pm.	6. 10pm.	5. 30pm.
16		5. 30pm.	6. 10pm.	5. 30pm.	6. 10pm.	5. 30pm.	6. 10pm.	5. 30pm.

**MAIL.—SUMMER ARRANGEMENT.**

To Mail for the subscriber, Postman, Esq., will, until otherwise advised, forward and forward as follows:

For Nova Scotia, via Pictou, every Thursday and after noon, 12 o'clock, noon.

For New Brunswick, Canada and the United States, via Shediac, every Tuesday and Friday morning at 6 o'clock.

For Newfoundland, every Monday.

The time for the arrival of the West Indian via Pictou, will be all after Monday, the 5th July next, close at 12 o'clock, noon, or 4 p.m., as formerly advertised.

July 5th and 22d; August 6th and 20th; September 2d and 17th; October 1st, 15th and 29th; November 12th and 26th.

**Farm and Garden.**

**Farm.**

September is, in many respects, one of the most important months in the farmer's year. The great amount of wheat, oats and grass are sown, and corn sufficiently advanced to enable us to fairly estimate the yield. It can, in most instances, be pretty accurately decided whether the year has been a profitable one for the community and for individuals. Taking the country together, we hear but one opinion expressed—it is a year of plenty. The fall of grain, will be the full measure of the bountiful yield. No farmer, who is reasonably timely, can sit down for neglect or mismanagement. They have profited who have planned judiciously and followed up their plans with energy—loss by frost and tornado excepted.

A farmer to succeed must fix his eye upon results years before they come. He must, well and wisely, plan for reference to increasing the value, as well as the quantity of his crop. Now is the time for laying plans for the approaching year. If there has been failure because too much space was given to some one crop, arrange the plan with a view to safety; some one of the staples almost invariably succeeds—it is unwise to venture the whole year's labor upon a single crop. Through preparation of the soil, will go far in securing the success of the season. A fallow, against the contingencies of the season. A fallow is an unwholesome crop as for men. Take draining and subsoiling occupy a prominent place in the programme of work for the month.

Buildings of all kinds should be put in thorough repair before the driving storms of autumn find an entrance. Provide a good stock of fuel for all stock. Frost sheds for shelter and for storing manure.

Stock—One, latter part of this month, and put up in small bundles to cure. Cart to the barn and thresh out before it shall be in the field. The straw is of some value for feeding with hay, but alone is a poor feed.

Birds—Commons laying down for winter use. If properly worked, it will keep without the use of salt enough to destroy the flavor of worked too little, salt will not save it. One cent per pound added in extra care in putting up, will make from three to six cents per pound difference in the price obtained.

Cattle—Commons feeding grain to those intended for fattening, giving a small allowance, and increasing it gradually, so it will be fat enough to sell in October. Keep up the flow of milk, by giving cuttings from the sowing patch night and morning. Refuse from the garden, best tops, trimmings of cabbages, &c., will be eaten greedily.

Colts—Thoroughly cleanse and put in order for the reception of full crops of roots, apples, &c. Arrange for ventilation. Put in salt a sufficient supply for winter use.

Grain—Early threshing, especially of that stocked in the field, will save much from the depredations of vermin. Have grain bins secured against rats and mice. Market as soon as prices are fair.

Hops—Confine to the pens those intended for fattening. They thrive in a separate apartment. Common sense should suffice. Caged fowl will pay best.

Poultry—Put all the manufactures in order for the coming season. Secure abundant supplies of muck to absorb liquids from the stables and the barn yard. Construct drains and cisterns to save urine. Cart to the barn yard woods and waste courses grasses out, from the roads and swales. Take the wash of the roads upon the fields.

Potatoes—Leave them in the ground until next month, unless wanted for marketing. When dug, gather the tops, wood, &c., to add to the compost heap.

Poultry—Give them free range, and feed regularly, if they have not access to grain stubbles. Collect eggs for winter use.

Horse Crop—Keep the ground well stirred and free from weeds. The horse crop greatly reduces the cost of growing these crops.—Am. Agriculturist.

**Miscellaneous.**

**The Cause of the Failure of the Atlantic Telegraph.**

The insulating of submarine telegraph cables with indissoluble, instead of gutta-percha, is attracting a great deal of attention in England. Several papers on the subject have been read before the British Association for the Advancement of Science, by some of the ablest and most experienced electricians in the kingdom, and it seems to be the general opinion that gutta-percha is absolutely worthless for this purpose. While India-rubber, from experiments made over 20 years, previous to our own, sufficiently insulates, India-rubber, besides its manifest superiority in other respects, is a far better insulator than gutta-percha; though the opposite opinion has been widely disseminated. The Atlantic cable, besides the use of India-rubber as an insulation, also uses India-rubber in the outer jacket of the external wires. This form of insulation, however, did not completely destroy its strength, and this almost completely destroyed its power for the purpose for which it was intended. The great blunder in the conduct of the Atlantic telegraphic enterprise was the childishness with which it was hurried through—not permitting a proper test of the various new plans, resulting in a total failure of the system. Blunder, and it is possible that the new effort will be successful.—Scientific American.

**Garibaldi's Programme.**

A Paris letter, of August 10th, says—"The fall of Naples is now reported as sure, that people speculate to-day on events very far beyond that. Rome, Venice and Hungary have taken the place of Sicily and Naples in the list of the most important cities in Italy. The Venetian quadrilateral are two only stumbling-blocks in the way, but with an ensuing a leader as Garibaldi, leaving that to the Pope and General Bourbaki."

Today, it is thought probable that Garibaldi will without resistance, if he has only patience and fortitude, effect what is prepared for him—namely, the conquest of Naples, what next? Florence, it is said, is the next object of attack.

Garibaldi's march to Ancona, and his movement to the south, will be a signal for the movement of Piedmont, and will be followed by the movement of the Papal forces, and the movement of all the Roman territory, and the rest of Italy, leaving that to the Pope and General Bourbaki.

This will be the innocent commencement of the movement to which Piedmont has hit himself irresistibly, and since the events of Southern Italy, the movement of the Papal forces, and the movement of all the Roman territory, and the rest of Italy, leaving that to the Pope and General Bourbaki.

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Principal Office, 13 Cedar Street, N. Y.

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W. S. WATSON General Agent for the island.

and Louis Napoleon's ten thousand men? A new edition is to be found for this dilemma, for Louis Napoleon is not willing that the Pope should become the master of Victor Emmanuel, and there cannot be two popes in Rome. Napoleon would gladly transfer the Holy See to Geneva, and some parts of Lombardy to Milan's great capital, and the rest of the Kingdom of Italy to Genoa, which is still more likely. The result of this project is that the Papal forces, and the Papal administration, will be scattered, and the realization of this project possible. It is certain that ten thousand French soldiers of Massena, becoming a terrible harbinger to everywhere—so much to Louis Napoleon, perhaps, as to any body else—and the fact is only growing every day more apparent that the Papal forces are not strong enough to sustain themselves.

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