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Stone Walls of New York and New England

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If walls could talk: Stone walls of New York and New England





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"... rural farmstead walls have become cultural icons to the origin of America as a nation, as well as a reminder of the slower, simpler life before the modern era."

Prof. Robert M. Thorson, University of Connecticut, Storrs, CT

'Charley Smith and His Barn' by Francis Colburn

"... the consummate
Vermont farmer: serious,
proud, strong, and hard at
work ... the artist glorifies
Smith, recognizing his
hard work and the
important role of the
farmer in Vermont's
history and economy."

The Bennington
Museum



*'Family Group'*by Francis Colburn

"The Vermont hill farmers lived a hardscrabble life, struggling against poor agricultural conditions including rocky, nutrient poor soil and often harsh weather ... Colburn has painted them with great dignity and compassion."

The Bennington Museum

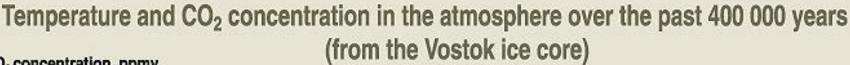


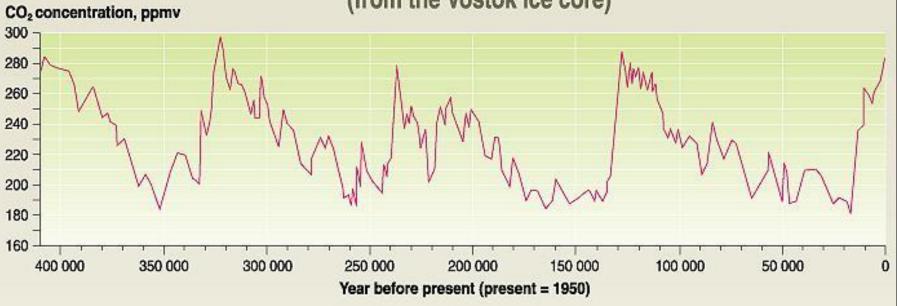


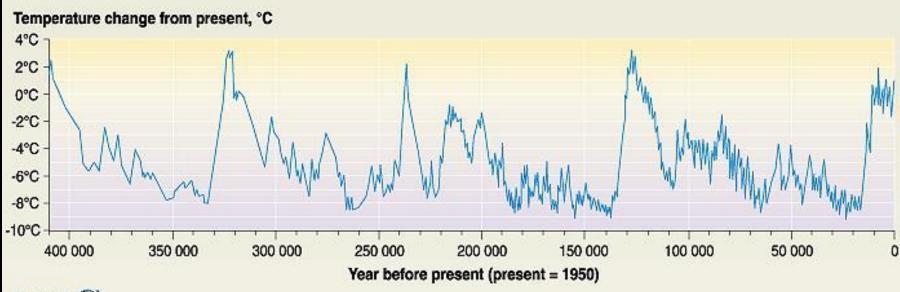
















Stump wall

(http://enclosuretakerefuge.files.wor dpress.com/2012/08/4a08059v.jpg)

Zig-zag fence

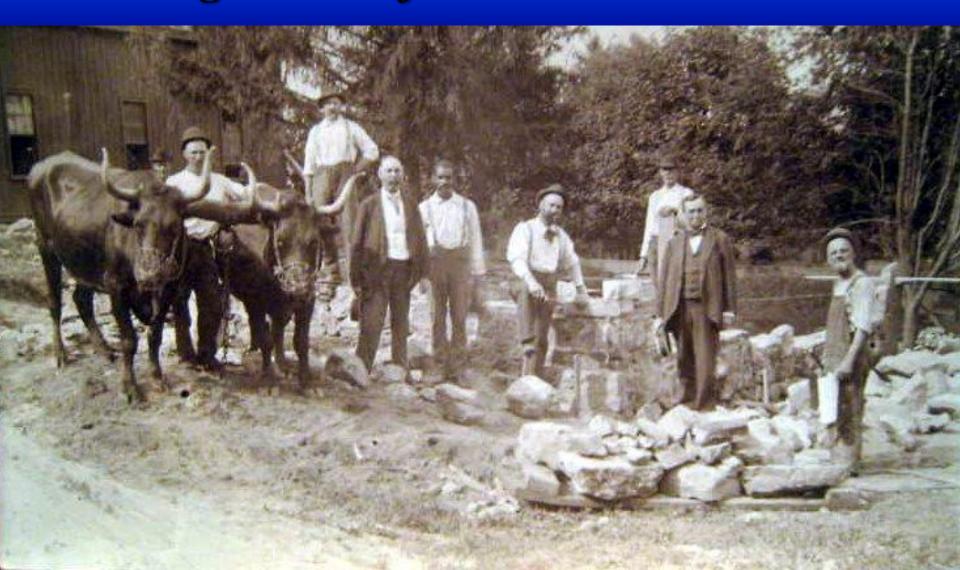
(http://www.potsdampublicmuseum .org/)





Stump pullers

Men building a stone wall using a team of oxen and a rock sled





Photograph by James F. Cowee Little Hoosick Valley, Berlin, NY



Changes in New England hill towns: 1790 - 1930

1790 - 1830
Increasing
number of
farms

Merino sheep arrive in 1810

Local commerce

Poor roads

<u> 1830 - 1870</u>

Migration toWest + cities

Sheep mania in 1840

Railroads in 1846

Western grain to New England

Wood for railroads

Poor roads

<u> 1870 - 1900</u>

Migration to West + cities

Sheep farming declines

Railroad branch-lines

Increased dairy farming

Western grain, cheese, butter

Railroads change to coal

<u> 1900 - 1930</u>

Migration toWest + cities

Milk, eggs, apples, potatoes

Growing tourism

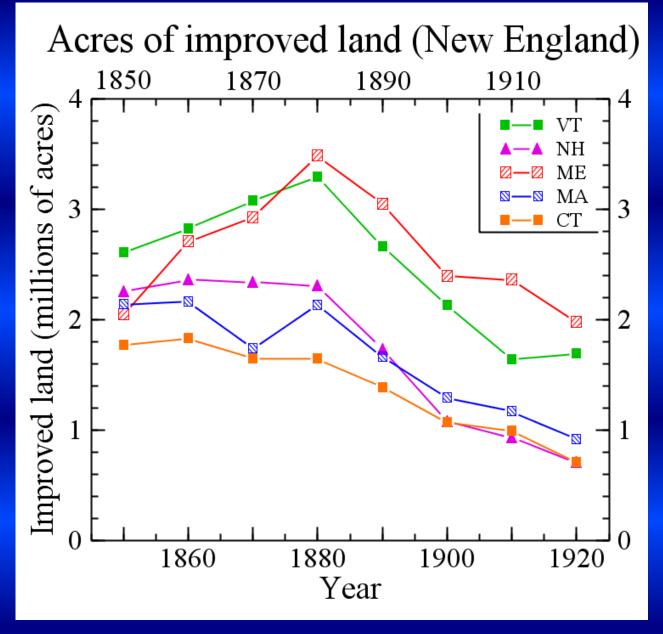
Publicity bureaus

More cows than people

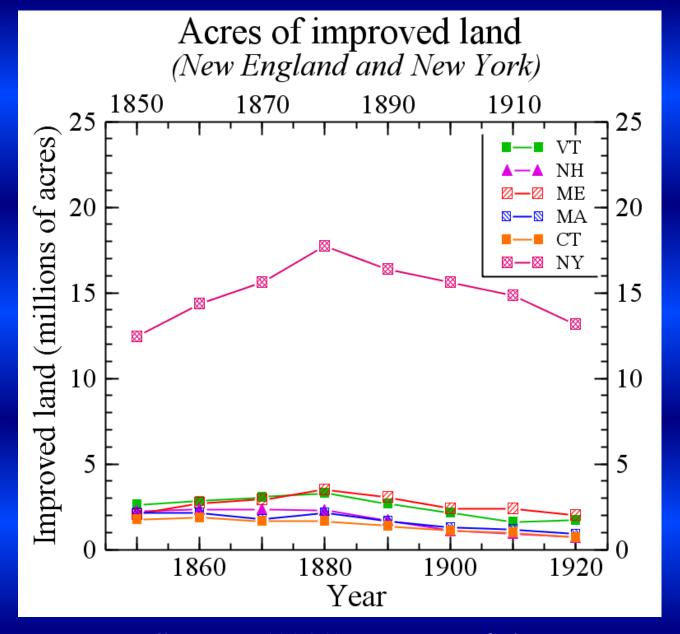
Improved roads

Subsistence

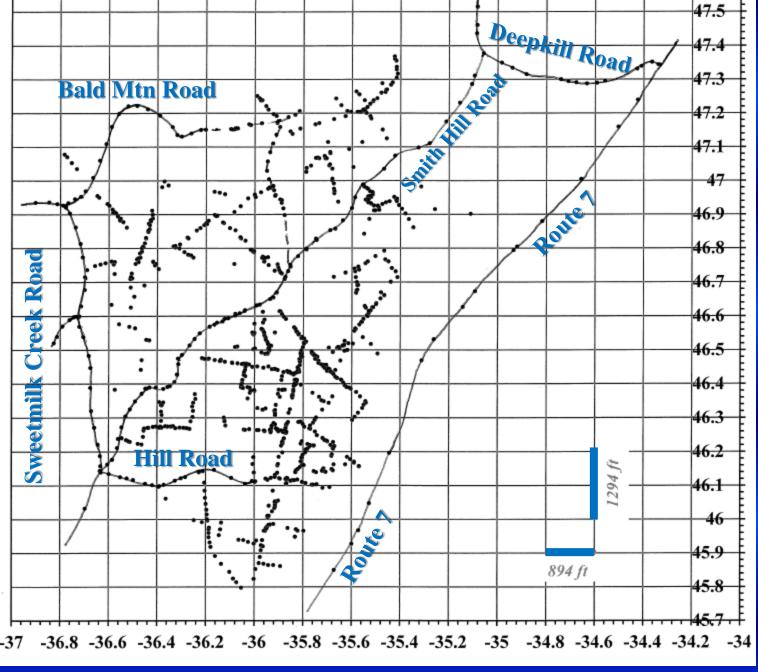
Commercial



Data from ... W. M. Steuart (1920) Reports of the Fourteenth Census, Vol. V, Agriculture: General Report and Analytical Tables. 164 pp.

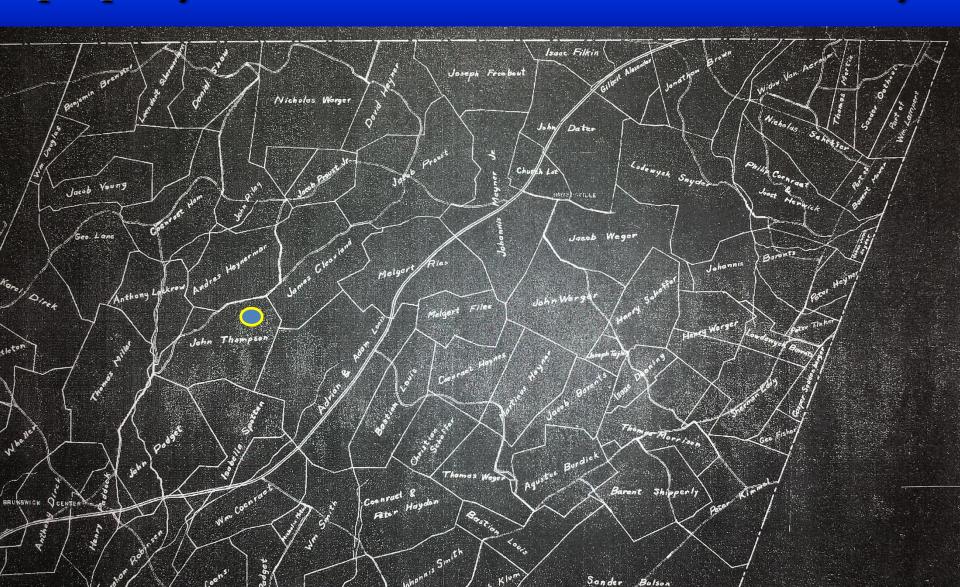


Data from ... W. M. Steuart (1920) Reports of the Fourteenth Census, Vol. V, Agriculture: General Report and Analytical Tables. 164 pp.

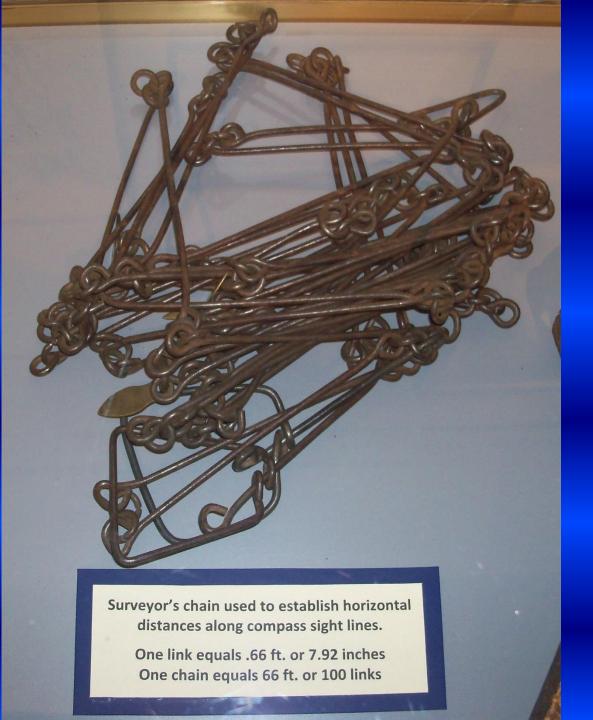


73° West Longitude (Minutes)

Van Rensselaer Map #4 (1938) showing 1790 property boundaries in northern Rensselaer Cty.







Surveyor's Chain

1 link = 7.92 inches
1 link = 0.66 ft
1 chain = 100 links
1 chain = 66 feet
20 chains = 1320 feet
20 chains = 0.25 mile
80 chains = 1 mile



1760 theodolite of Colonel Franz Pfister, who died at the Battle of Bennington.

(The Bennington Museum)

Westerly view of stonewall along ~1790 boundary between lands of Andreas Haynerman and Coonradt Ham (~42°46.90′ N, ~73°36.45′ W)

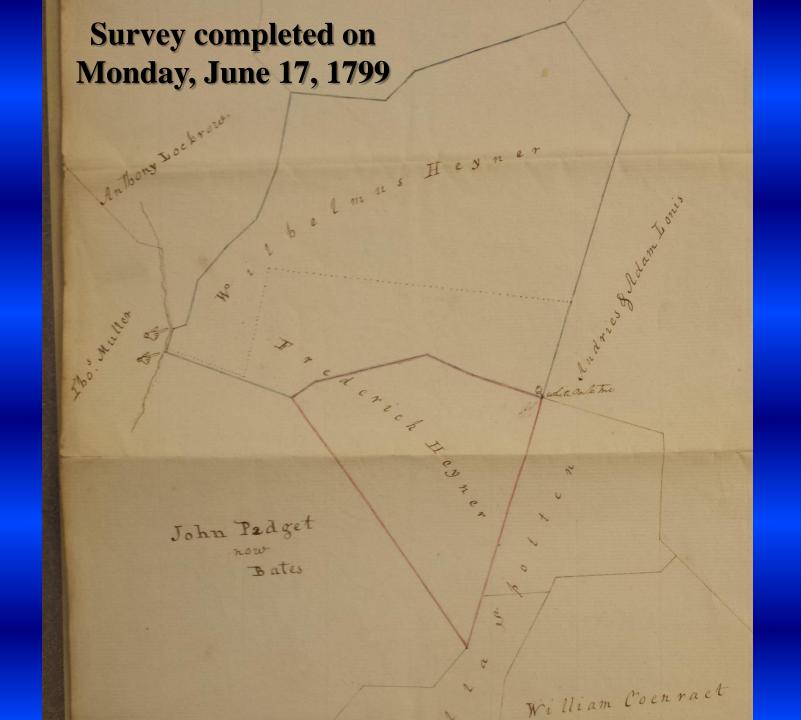


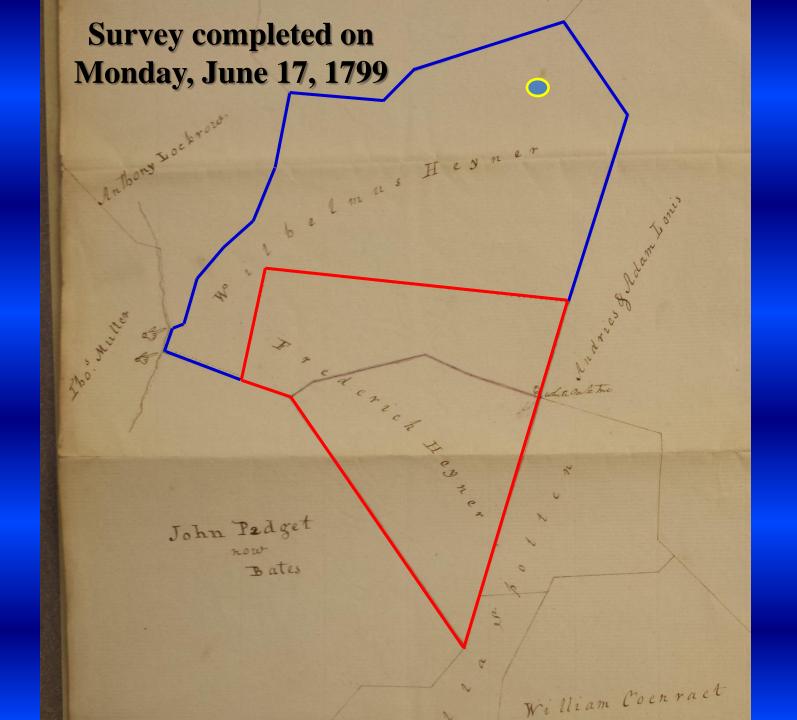
Northerly view of stonewall (quarried quartzite) at 1790 triple junction among James Cleveland, Jacob Brust Jr, and Jacob Brust lands



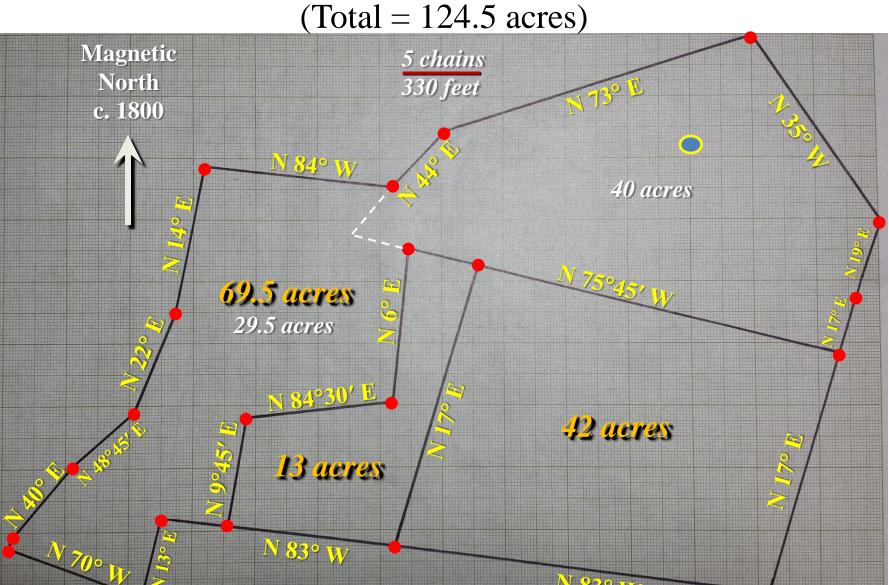
Portion of land survey for Mr. Frederick Hayner (111 acres) on Monday, June 17, 1799

milk brook in the last line of me : inally Surveyed for Thomas Miller and at the most Northern Point of the Farm Surveyed for John Padget and lars theree -1- 95 40 - E Ny 5-6 to a Chesnut Stake Istones then 2 -- 5 35 -- 2 10, -- to amarked white oak the 3 N 16 - E 3 A. A & to amaked white oak the then 4- N. 49- & 12, yo to a marked white oak stradde Islands 5 N 03. - W 39, 30 to a Chesnut Stake Istones Then 6 5 13. W- 14.50 to astake Then

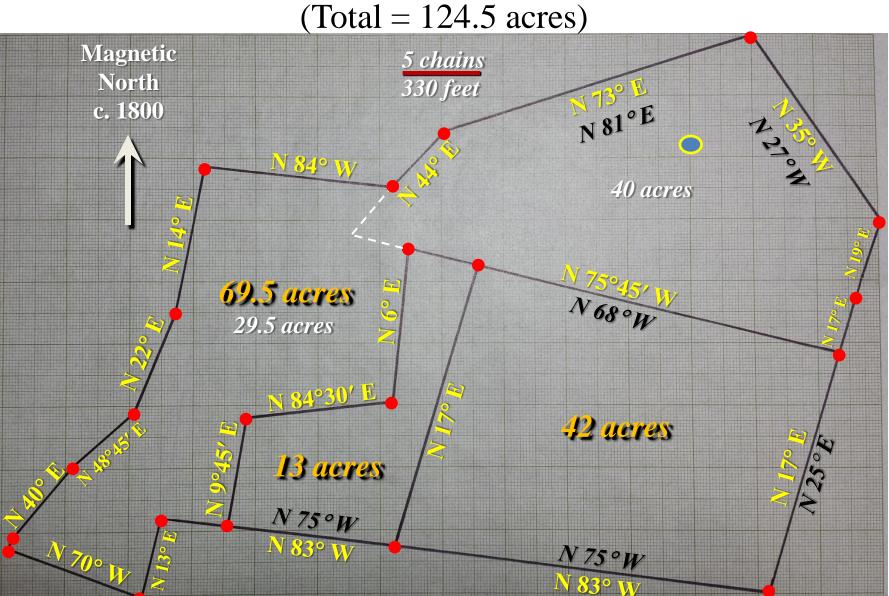


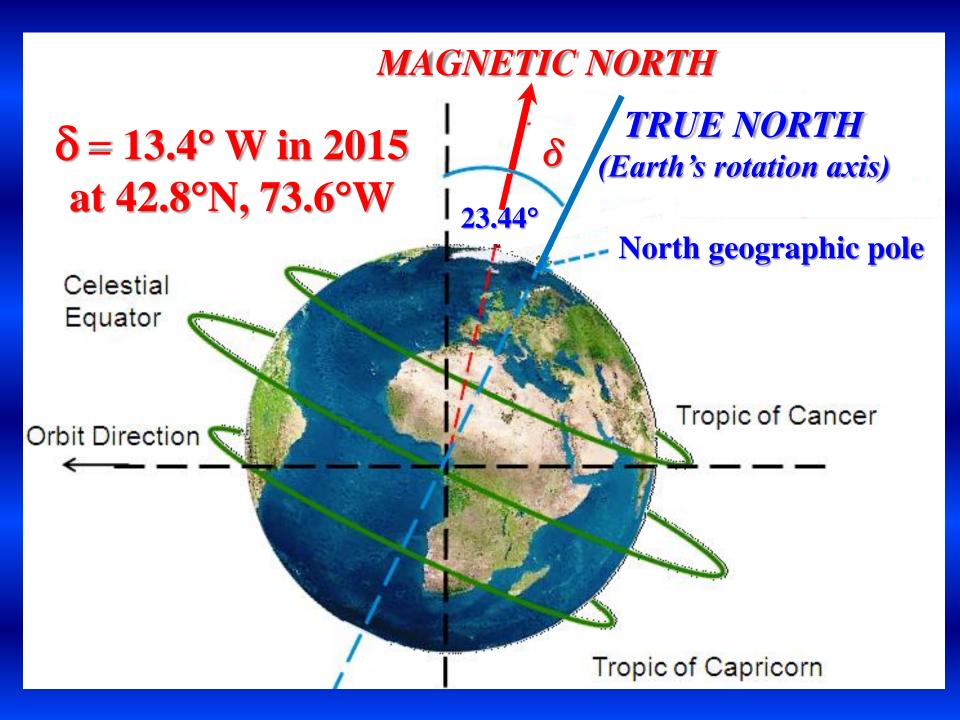


~1800 survey-lines for 3 parcels of land along Smith Hill Road

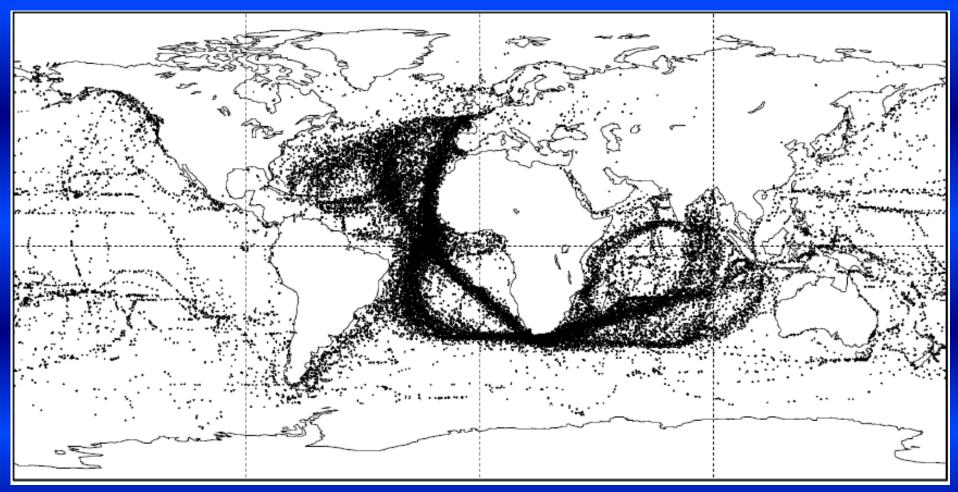


~1800 survey-lines for 3 parcels of land along Smith Hill Road



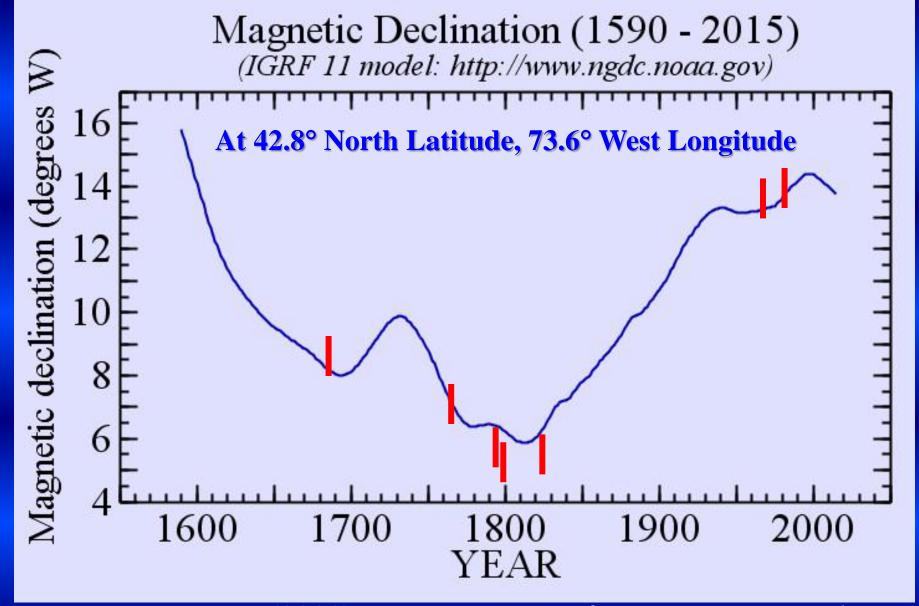


Measurements of magnetic declination in 1750-1799

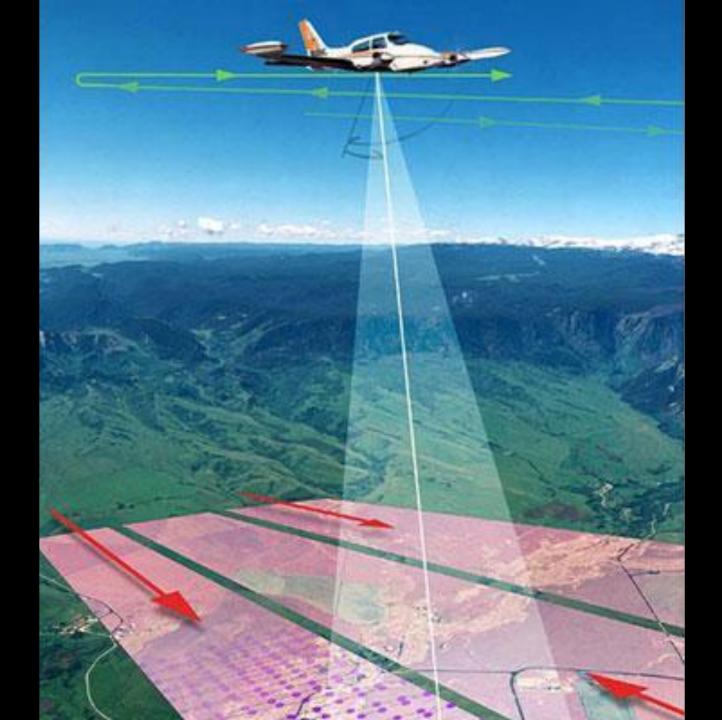


A. Jackson, et al. (2000) Four centuries of geomagnetic secular variation from historical records.

Phil. Trans. R. Soc. London, 358, 957-990.



Jackson, et al. (2000) Four centuries of geomagnetic secular variation from historical records. Phil. Trans. Royal Soc. London A, vol. 358, p. 957-990.



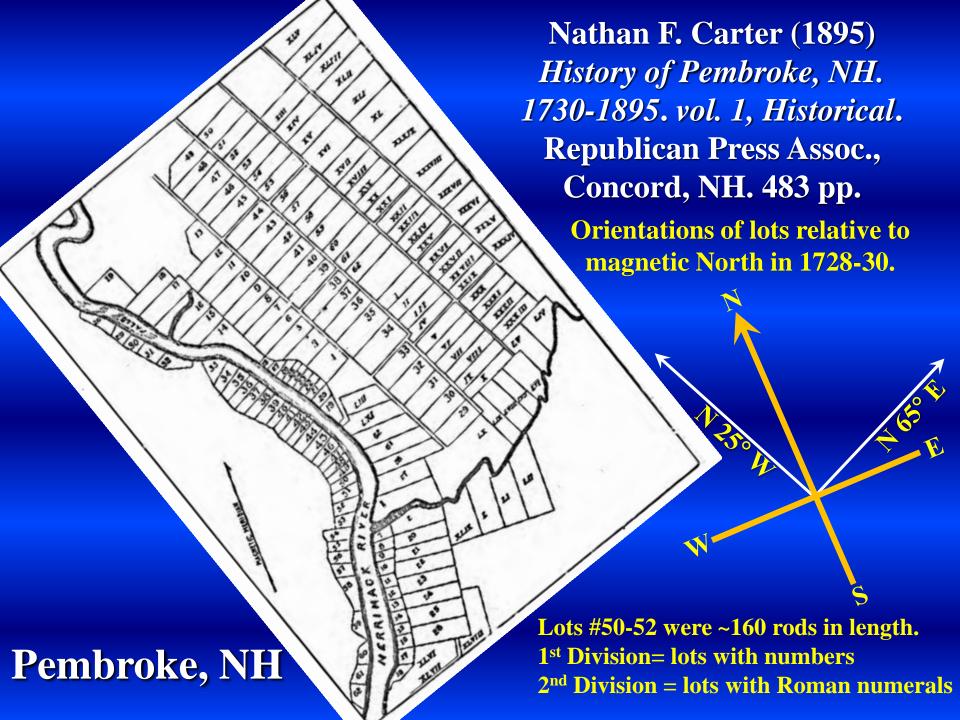
Visible imaging and LiDAR

Visible (winter) Visible (summer) LiDAR LiDAR

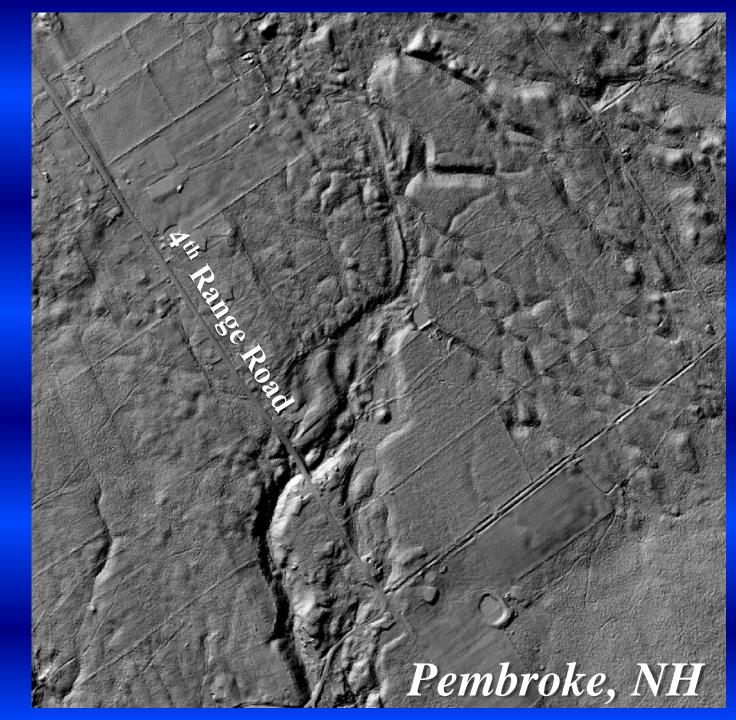


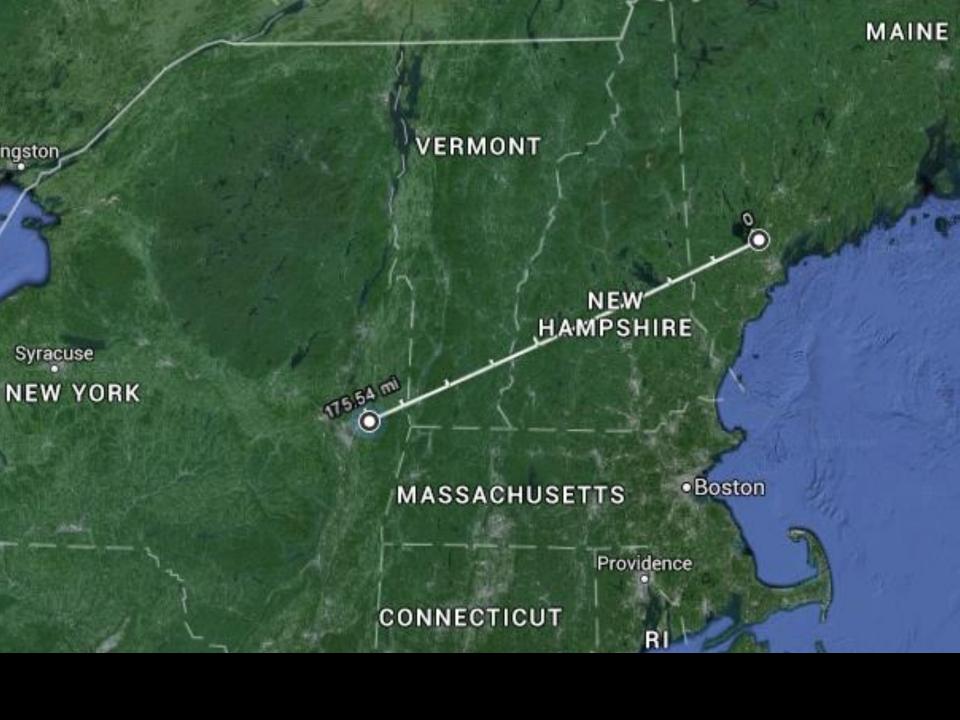
K. M. Johnson and W. B. Ouimet (2014) Rediscovering the lost archaeological landscape of southern New England using airborne light detection and ranging (LiDAR). J. Archaeological Science, 43, p. 9-20.

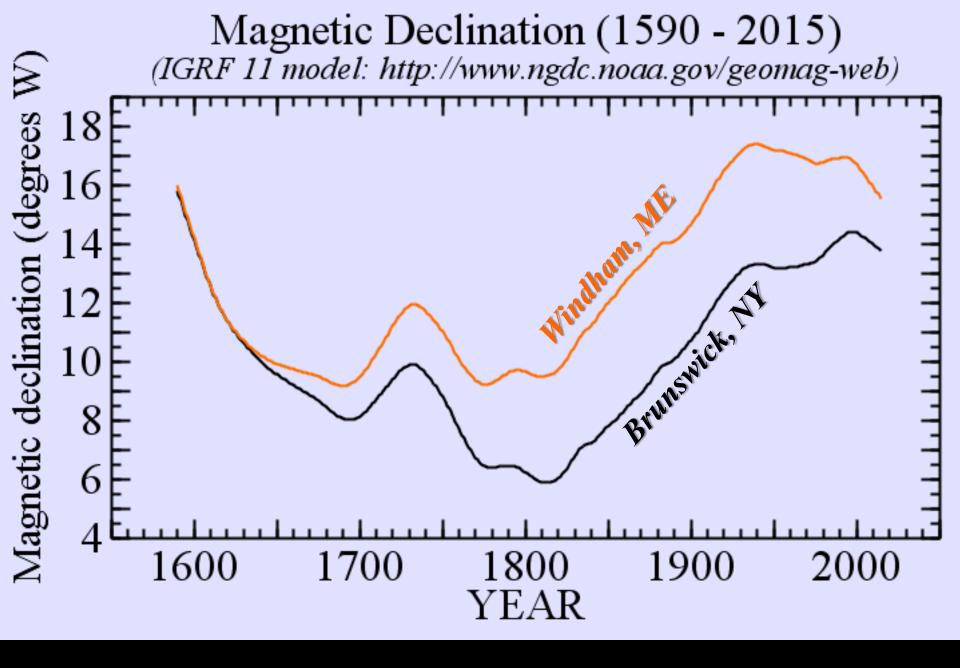
1 mile-



Pembroke, NH Pembroke Pembroke Am Range Road Go © 2015 Google



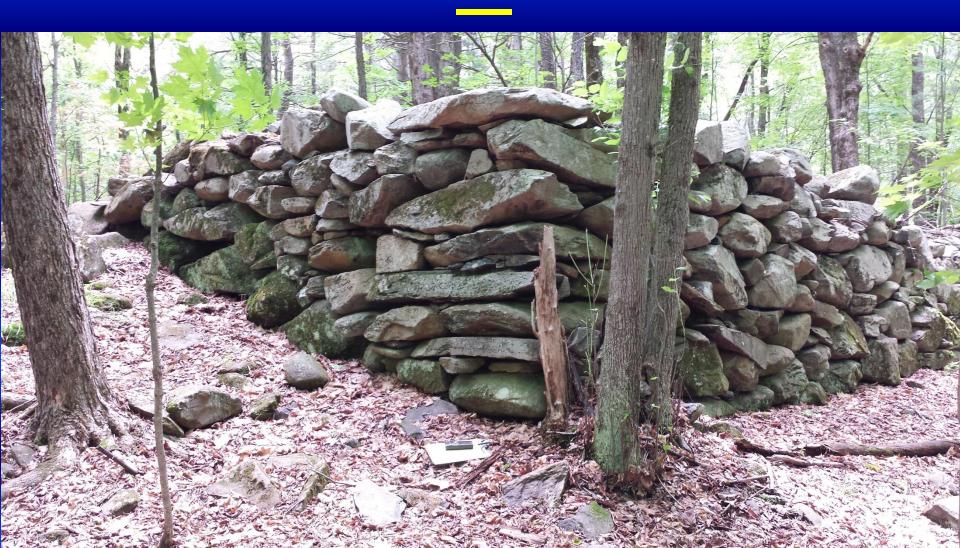








Stone wall in Grafton Lakes State Park, New York on land leased to Thomas West on March 29, 1793 1 foot



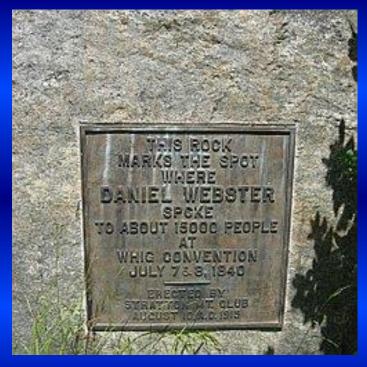


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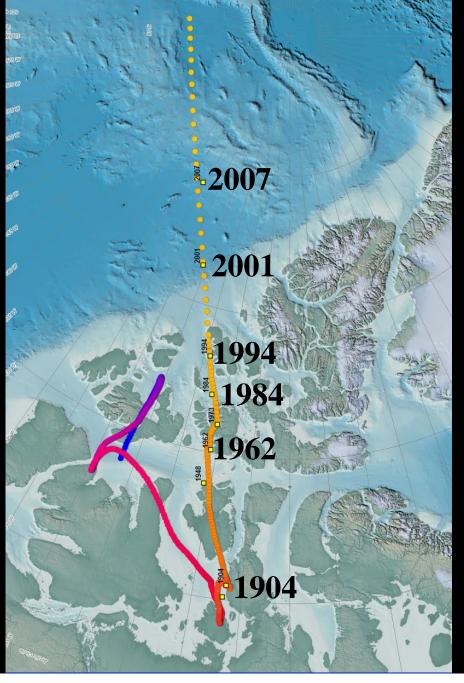


Campaign speech by Senator
Daniel Webster occurred along
Kelly Stand Road in Stratton, VT
on July 7-8, 1840 (TuesdayWednesday) in support of William
Henry Harrison for President
(Whigs party)



Star trails around North Star (Polaris) as viewed from Indonesia





http://www.ngdc.noaa.gov/geomag/GeomagneticPoles.shtml

Reasons for leaving New England farms (1906 survey) Financial

Farming does not pay
Farmer cannot control prices for produce
Farming requires too much capital

Physical

Too much hard work Hours are too long Farming is drudgery

Social and Intellectual

More opportunity for advancement elsewhere Farming is physical labor only

Life is monotonous

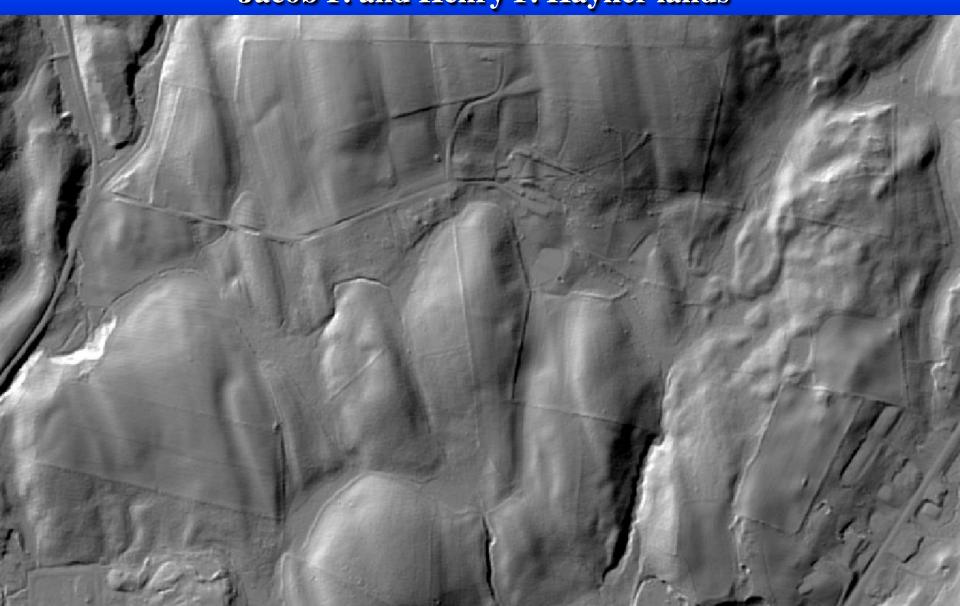
Farmers are often held in low esteem by others

Harold F. Wilson (1936) The Hill Country of Northern New England: Its Social and Economic History. Columbia University Press, 455 pp.

Additional reading

- Susan Allport (1990) Sermons in Stone: The Stone Walls of New England and New York. W. W. Norton & Co., New York. 205pp.
- Robert M. Thorson (2002) Stone by Stone: The Magnificent History in New England's Stone Walls. Walker & Co., New York. 287pp.
- Hal S. Barron (1984) Those Who Stayed Behind: Rural Society in Nineteenth-Century New England. Cambridge University Press, New York. 184pp.

Area near intersection of Smith Hill Road, Hill Road, and Sweetmilk Creek Road showing stone walls associated with Jacob F. and Henry F. Hayner lands





This MullWe made this Twenty Winth Day of June in the year of our Lord One thousand Leven hundred and Dighty Leven Between Hephen Van Renfelan-Esquire Lord and Proprietor of the Mannor of Renfselaerwych and Margaret his Wife of the one part and Lodowych Inyder of the East Destrict of the Mannor of Renfelaerwych in the Country of albany harmer of the other part Mitnefseth that the said Stephen Van Kenfelaer and Margaret histofe_ rand in Consideration of the Jum of Two hundred and Minety Six Counds lawfull Money of the-The of New York to them in hand paid by the said Lodowych Inyder at and before the ensealing nd delivery of these hisents the Receipt whereof they do herely as nowledge and there of and of every part and parcell thereof do arguit release and discharge him the said Lodowyck Inyder his Heinand Ofrigus for ever by these Resents Have Granted bargained sted aliened remised released and confirmed and by these Pusents Do Grant bargain sell aliene remise release and confirm unto thesaid Lodowych Tuyder in his actual possession now being and to his Heirs and assigns for ever all_ that certain Farm Piece or Parcell of Land scituate lying and being in a Place called Files Town on the East Tide of Hudsons River in the Mannor of Aenfielance get beginning at a White Elm -At Met Tide of a Brook called Tomlanich Twenty Five Links distant from the Edge