

SAVING THE CAPE: A HISTORY & **A FUTURE OF LAND CONSERVATION ON CAPE COD**

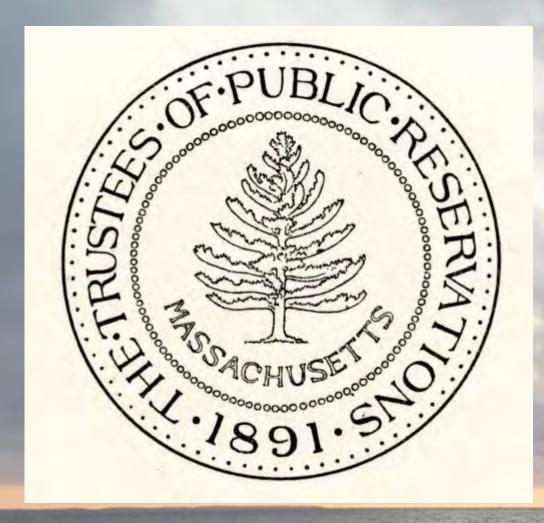


2023



The People of the First Light have protected open space on Cape Cod for more than 10,000 years





A report upon the public holdings of the shore towns of Massachusetts, J. B. Harrison, 1892 for The Trustees of Public Reservations

1892

"Cape Cod will be a paradise as long as the wildness and freedom remain unspoiled. Unless great areas here are made public holdings, free for the people's enjoyment forever, the time will come when the tired dwellers in the cities, who are driven by the heat of summer to seek rest by the sea, will find here the city all over again, and be cribbed, cabined, and confined in conditions very like those from which they are trying to escape." (p. 49)

• If you want clean water, save land



• If you want to keep farms and good soils intact, save





• If you want to preserve scenic views,

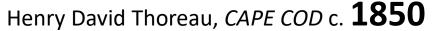


If you want to create linked walking trails,

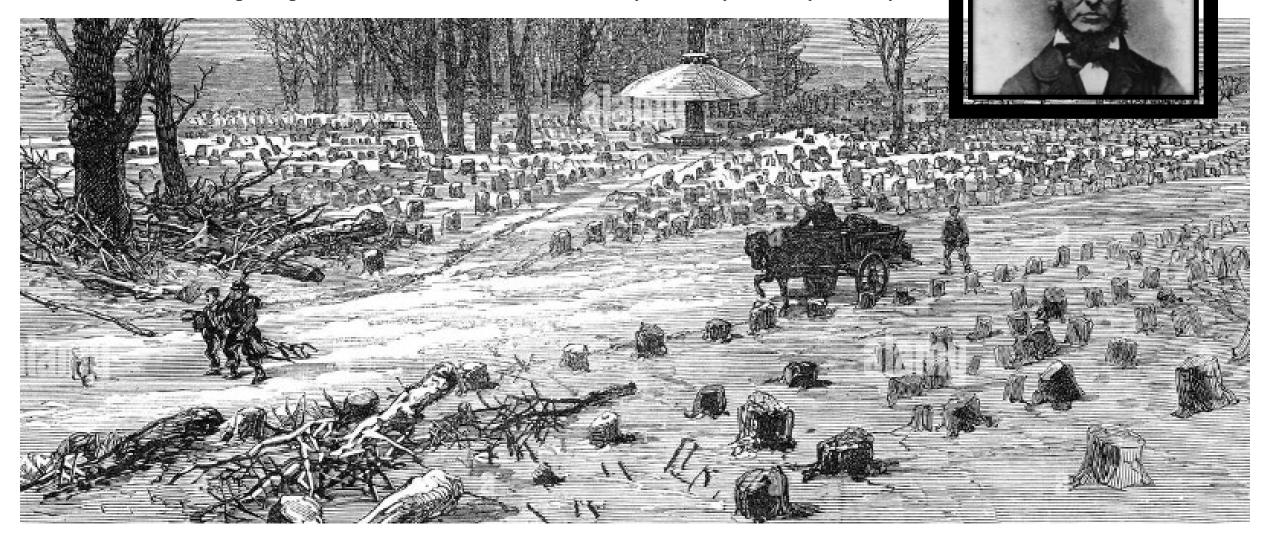


1714 – Provincetown adopts a law to prevent the felling of trees "to keep the sand from being driven into the Harbour by the wind."





"...an exceedingly barren and desolate country, of a character which I can find no name for; such a surface, perhaps, as the bottom of the sea made dry land day before yesterday."





The Cape was denuded by the need for wood products and pastures into the 20th Century.

Falmouth, **1916**



After WWII, the Cape's forest was cut over again for rampant residential and commercial development.

Foundation excavation for a single-family house, Cotuit, 2022



15-acre clearcut
and topsoil
stripped for
housing
subdivision,
Old Kings Highway
(Route 6A),
Yarmouthport,
2024



1892 - the new Trustees of Public Reservations funded a survey of public open space on the Cape and found a dearth of it.

Eastham: "no considerable public holdings"

Truro: "no park or common or right on the shore"

Wellfleet: "recently bought a small playground by the high school"

Yarmouth: "formerly a town landing on Bass River, but it was sold"

Barnstable: "no considerable public holdings for places of resort"

Dennis: "no park or common belonging to the town"

Brewster: "there is a town landing on the bay at the end of a street"

Harwich: "a green is in front of the academy"

Chatham: "no common or park"

Orleans: "town owns a small area around the library"

Sandwich: "no town holding of any kind for a place of public resort"

Bourne: "no place of public resort"

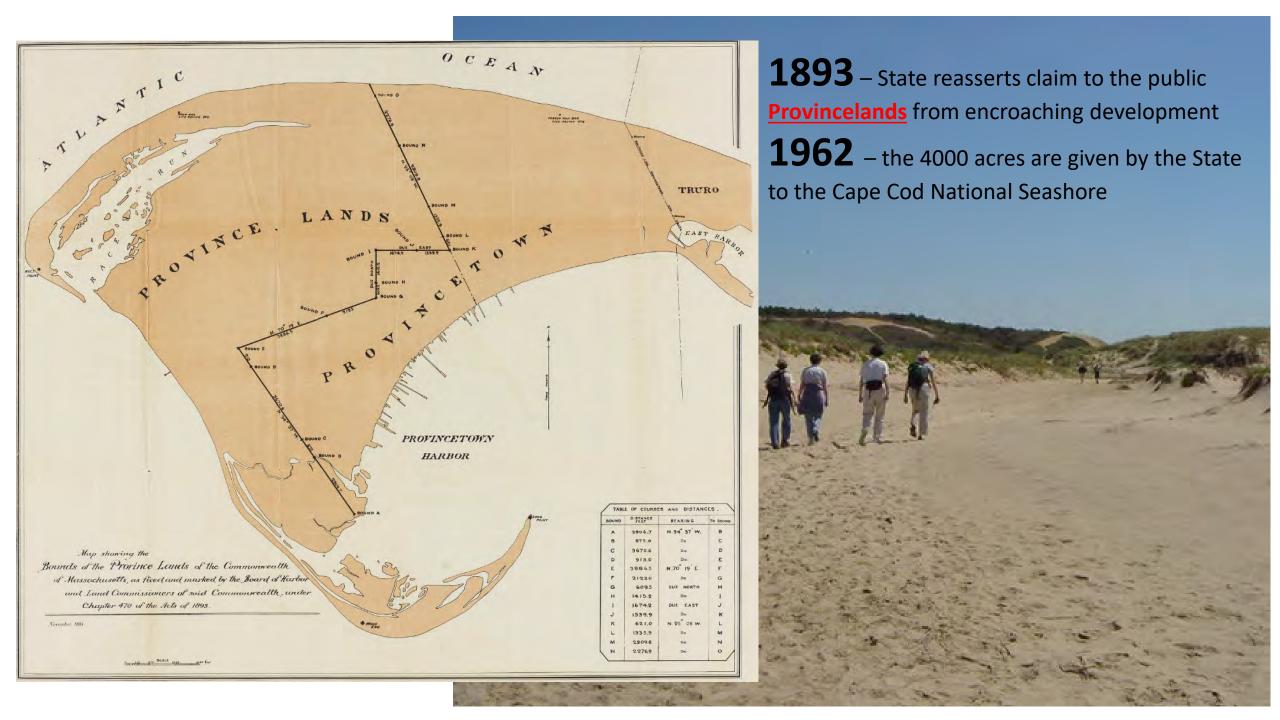
Mashpee: "no holdings for places of public resort"

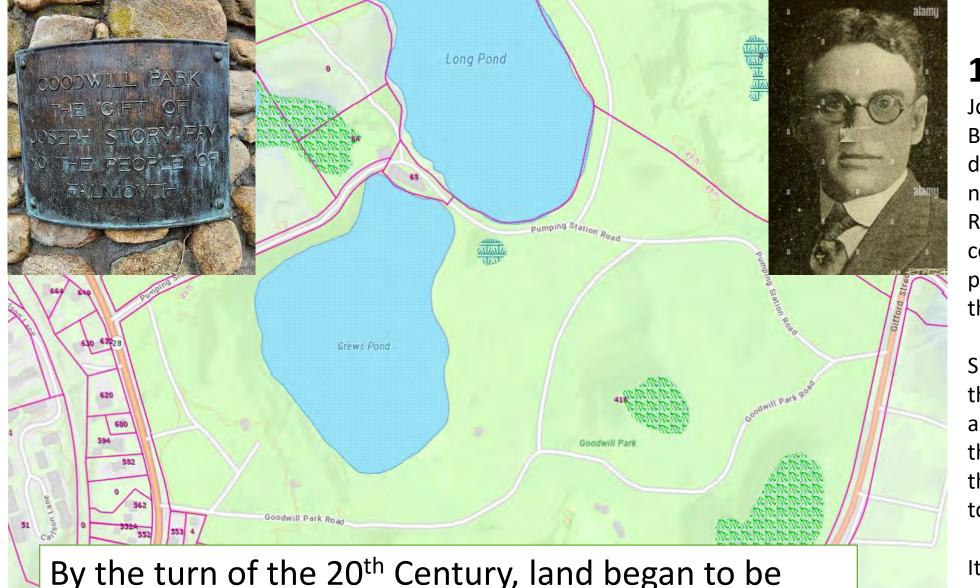
Falmouth: "no public holding except a town landing"

Wareham: "no public holdings for public resort"

Provincetown: "4000 acres owned by the State – an extensive public reservation" *The Provincelands*







By the turn of the 20th Century, land began to be preserved mostly as a one-off deal, by civic-minded, wealthy donors, for recreation or birds or flowers.

1894

Joseph Story Fay of
Boston and Woods Hole
donates 71 acres to the
new Trustees of Public
Reservations, "in
consideration of our
pleasant relations with
the people of Falmouth."

Subsequent donations by the Fay, Gifford, Swift and Jenkins families through 1927 increased the size of Goodwill Park to 86 acres.

It had been used informally as Goodwill Park prior to 1894 by the public.



In **1895**, the women of the Eastham Village Improvement Society raised money to purchase the windmill and two adjoining properties from private ownership for \$ 113.50.

Finally, Eastham had a public open space, now the Town Green.

Why did so few Cape Cod towns have a town common like Falmouth's?



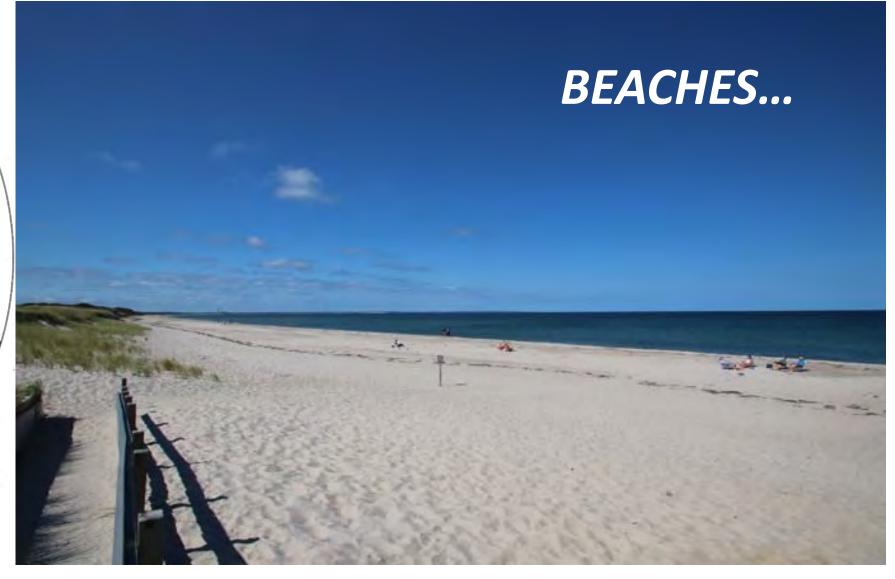
1902 – Village
Improvement Society of
Dennis chartered to
"improve and ornament
the streets and public
grounds of the Village of
Dennis by planting and
cultivating trees and
performing such other
acts as shall tend to
beautify the village."

1905 – VIS bought the Soldiers' Training Field on the Old Kings Highway as a public green space



John Bodfish (1878-1956) of Barnstable donated 2 acres at Sandy Neck "to see that all had public access to Sandy Neck and Cape Cod Bay."

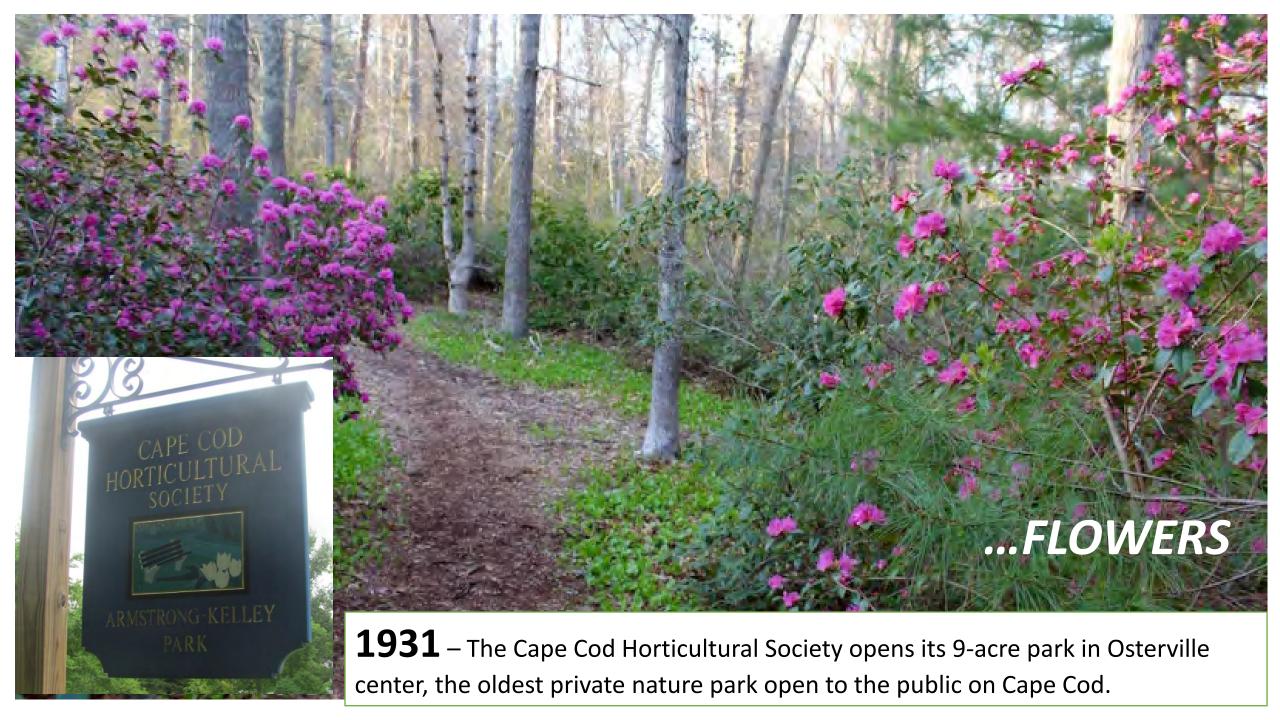
1920

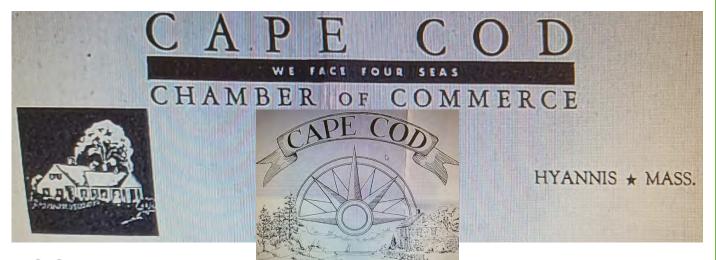


The Town of Barnstable now owns 4,700 acres of the Sandy Neck barrier beach and the Great Marsh behind it. As many as 500 vehicles per day use the beach in the summer, which is patrolled 24/7.



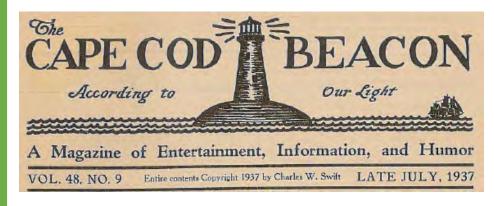
1929 – Oliver L. Austin, Jr. and his father establish the Austin Ornithological Research Station on the Bay in South Wellfleet. He later wrote the definitive *Birds of the World*. In 1958, they sold the Station to Mass Audubon, where now almost 1000 acres are preserved.





1934 – Cape Cod Chamber of Commerce declares the need for the "protection of Cape Cod's natural beauties, and the preservation of its charm" as the car culture starts

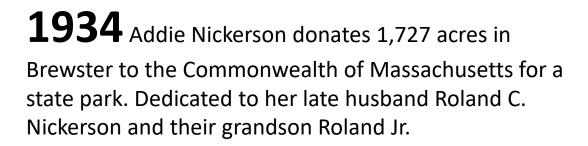




1937 – Editor and artist Harold Dunbar of Chatham proposes a National Park from Orleans to Provincetown "to be kept inviolate from Progress forever."







The park has now grown to more than 1,900 acres, including Cape Cod Bay shore purchased in the 1980s.

Most popular camping site on Cape Cod by far.









1958 – Mass. Fish & Game buys 1,400 acres from the Crane family in Hatchville and names it after Frances Anita Crane (1887-1954). She and her brother John managed the Coonamessett Resort (golf, airstrip, polo, pond beach) from 1925-1957. Since 2000, the refuge has been a flagship for controlled burns for eco-restoration of the grassland.



1957 – Massachusetts adopts the first Conservation Commission Act in the U.S., giving local boards the duty to protect and develop natural resources and watersheds, and identify and accept land for conservation, rather than recreation. Barnstable was one of the first towns in Mass. to adopt a Commission in 1957. (Falmouth in 1961).



In **1961**, Miss Lucy Chapman (1885-1972) of Brewster was the Cape's first land donor to a Conservation Commission, giving 3.6 acres on Main Street to the Brewster Conservation Commission.







1959 – Rachel Carson advocates for a national park on Cape Cod, among other sites: "We must save the wilderness of beach and high dunes where Cape Cod, after its 39 miles thrust into the Atlantic, bends back towards the mainland."

Rachel Carson worked in Woods Hole and was the first woman to go out on a federal fisheries scientific cruise. She went on to write *The Sea Around Us* and *Silent Spring* in 1962, a blueprint for environmental action to protect human health and wildlife.

A bronze statue of Carson located on the waterfront park in Woods Hole in 2013.







The Cape Cod National Seashore Act was signed by President Kennedy (here with MA Senator Leverett Saltonstall at the signing) in

1961.

At 27,000 acres, CCNS is one of the smallest national parks, but a top US Park destination in the East, attracting 4 million visits per year who spent \$548 million in 2022, per NPS.





Congressmen Boland and O'Neill introduced the bill in 1958

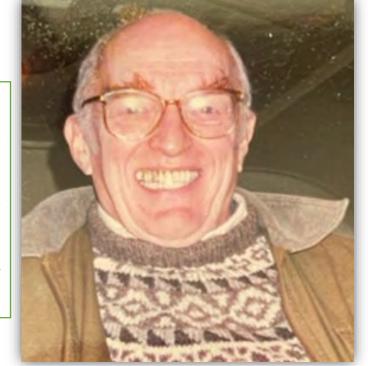


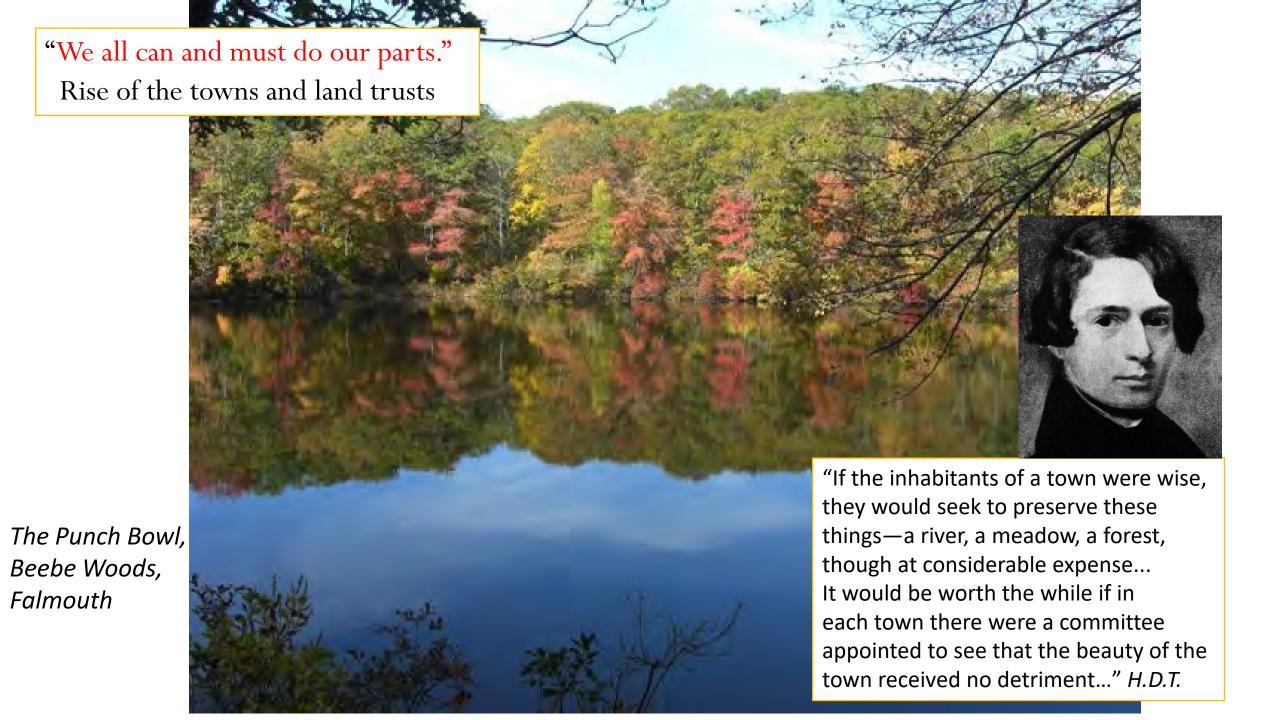
Sen. SALTONSTALL's staff did much of the final CCNS bill drafting

"A single act of Congress is of course insufficient to preserve the Cape's beauty and heritage. We all can and must do our parts."

- - Jonathan Moore (1933-2017), Orleans

David B. H. Martin (1925-1995), of Barnstable, crafted the novel idea of designing the Cape Cod National Seashore around the existing villages and private inholdings of the Lower Cape, a first in the nation. He drafted the 3-acre zoning district adopted by the six towns for land in the Park. He later drafted the charter for Barnstable County's regional government, which persists to the present.





1967 – Dennis becomes the first town to identify a package of multiple properties for the Town to purchase for conservation and passive recreation, including lands at Crowes Pasture, Scargo Hill, Fresh Pond

Norton H. Nickerson (1938-2011) of Dennis

Finally, town governments decide to be more intentional in making a comprehensive approach to open space preservation.



1980s - BOOM TIME ON OLD CAPE COD

1988 - "A Boston Globe poll found that 75 percent of Cape Cod residents surveyed support a ban on some types of commercial development, and that more than 40 percent would back a freeze on residential construction."

NDS' DAILY NEWSPAPER

March 21, 1991

7-Day Home Delivery: \$2.85

HOUSING GROWTH ON CAPE COD

	1980 99,946	1990 % change	
Barnstable County		135,192	35.3
Barnstable	16,436	23,370	42.2
Bourne	7,169	8,999	25.5
Brewster	3,489	6,367	82.5
Chatham	5,003	6,301	25.9
Dennis	12,156	14,502	19.3
Eastham	3,625	4,863	34.2
Falmouth	14,414	18,168	26.0
Harwich	6,510	8,325	27.9
Mashpee	3,582	7,002	95.5
Orleans	3,678	4,593	24.9
Provincetown	3,066	3,802	24.0
Sandwich	4,358	7,236	66.0
Truro	1,571	2,175	38.4
Wellfleet	2,629	3,576	36.0
Yarmouth	12,260	15,913	29.8

Cape led '80s housing

By THOMAS DUFFY OTTAWAY NEWS SERVICE

BOSTON – Paced by explosive growth in Mashpee and Brewster, the number of housing units in Barnstable County grew at a faster clip than any other mainland county in the state over the last decade, according to census data released this week.

The number of houses in Barnstable County grew from just under 100,000 in 1980 to 135,192 in 1990, for a rate of 35.3 percent, according to data compiled by the Massachusetts Institute for Social

and Economic Research.

Leading the way was Mashpee, where the number of houses spurted more than 95 percent from 3,582 to 7,002. Following closely was Brewster, where an increase from 3,489 housing units to 6,367 units translated into an 82.5 percent rate.

Sandwich showed a growth rate of 66 percent, with the number of housing units rising from 4,358 to 7,236.

Trailing the pack on the Cape — but still well above the state average — was Dennis, where the number of housing units grew 19.3 per-

cent from 12,156 to 14,502.

"It's just more documentation that supports everything you so around you," said Marilyn Fifiel a research analyst for the Cap Cod Commission.

Massachusetts as a whole is creased its number of housir units by 12 percent from 2.2 m lion to 2.4 million.

The fastest growing county, a cording to the data, was Nantuc et, where the number of house climbed 46.8 percent from 4,784 7,021. More than two-thirds those new houses appeared to I vacation houses, according to the cordinal to the country of th

Sandwich, Brewster and Mashpee had the highest growth rates in the state, not just on the Cape

1980s - BOOM TIME ON OLD CAPE COD





\$114,236,000

\$98,292,000

\$21,607

4,549

23%

Brewster, Bourne 600 acres, Brewster

Total purchase price paid for all open space purchases by Cape Cod towns (1985-1988)

Total local taxpayers' expenditures for open space (1985-1988)

Average final net cost per acre to local taxpayers (1985-1988)

Total acres open space acquired by 14 of 15 Cape Cod towns (1985-1988)

Towns most overachieving in open space acquisitions (local funds spent / total valuation, 1985-88)

Largest new conservation area assembled, Punkhorn Parklands

Percentage of Cape Cod land mass considered protected open space (1988)

1983-88 – The State begins a push to provide major funding to create new parks and beaches on the Cape, including at High Head in Truro, South Cape Beach & Quashnet River in Mashpee, Washburn Island (330 acres) in







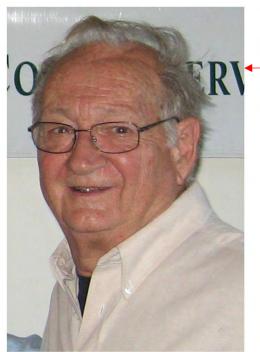
1985 – The 300 Committee forms as a grass roots effort to encourage the Town to acquire 300 acres of open space to celebrate the Town's 300th anniversary. Since then, the land trust has helped to preserve more than 2500 acres in Falmouth, often with the Town's financial support.

2025 – T3C celebrating its 40th anniversary!



1986 – Six Lower Cape land trusts and Barnstable form
The Compact of Cape Cod
Conservation Trusts, Inc., the oldest regional network of land trusts in America.

Today, 32 land trusts and watershed groups belong to The Compact.



Ansel Chaplin (1931-2017) of Truro was the founding President of The Compact and served for the first 15 years.

"If it's money that talks to preserve open space on Cape Cod, then we will find the money," he said in 1987.

	1982	Land Trust Alliance (US)
		The Compact of Cape Cod Conservation Trusts, Inc.
		Massachusetts Land Trust Coalition
İ	1990	Bay Area Open Space Council (CA)
İ	1991	Maine Land Trust Program
İ		Colorado Coalition of Land Trusts
	1994	Gathering Waters WI
	1994	South Carolina Land Trust Network
	1995	PA LT Assoc.
	1997	Green Umbrella Regional Sustainability Alliance (OH)
	1999	RI LT Council
	2002	Alliance of Florida Land Trusts
	2003	Texas Land Trust Council
	2004	Heart of the Lakes (MI)
	2004	Blue Ridge Forever (NC)
	2004	Indiana Land Trust Alliance
	2004	Sierra Cascade Land Trust Council (CA)
	2005	Montana Association of Land Trusts
	2005	Praire State Preservation Coalition (IL)
	2006	CT Land Conservation Council
	2006	Kentucky Land Trusts Coalition
	2008	Idaho Coalition of Land Trusts
	2008	Tennessee Land Trust Network
	2009	Washington Assoc. of Land Trusts
	2011	Coalition of Oregon Land Trusts
	2011	New Hampshire Land Trust Coalition
	2012	Southern Maine Cosnervation Collaborative
	2019	Forever Maryland
	2019	Gulf Partnership

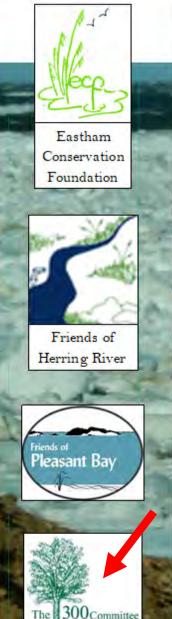


The Compact was founded in 1986 to provide technical support to local and regional land trusts and watershed associations.



THE DENNIS

CONSERVA'
TRUST



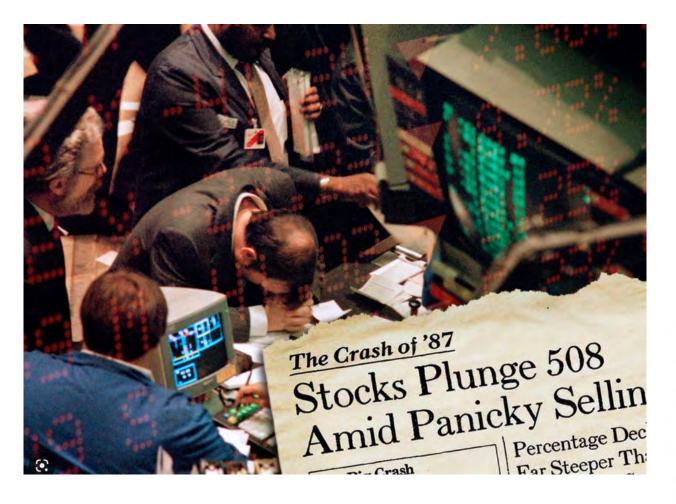








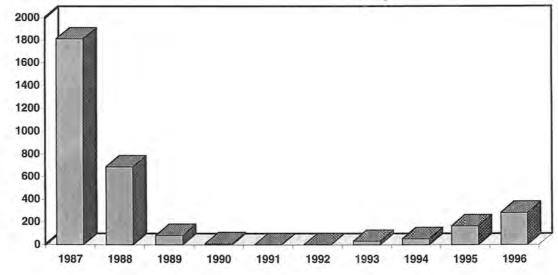




1987 – Building Boom on Cape Cod crashes with the stock market, and towns rein in spending on open space. A first attempt at a Land Bank for the Cape, like the ones on the Vineyard and Nantucket, fail in 1988 and 1996.

Statistics courtesy of Compact of Cape Cod Conservation Trusts

Acres of Open Space Purchased by Cape Towns







Long-time broker Bob Wilkinson testified in favor and made sure the CC Board of Realtors supported the bill

Susan Nickerson and Jaci Barton led the Friends of the Cape Cod Land Bank grassroots campaign



Barnstable County Commissioners Robert O'Leary and Vicky Lowell helped to write the bill and rallied the 15 Cape towns





1998



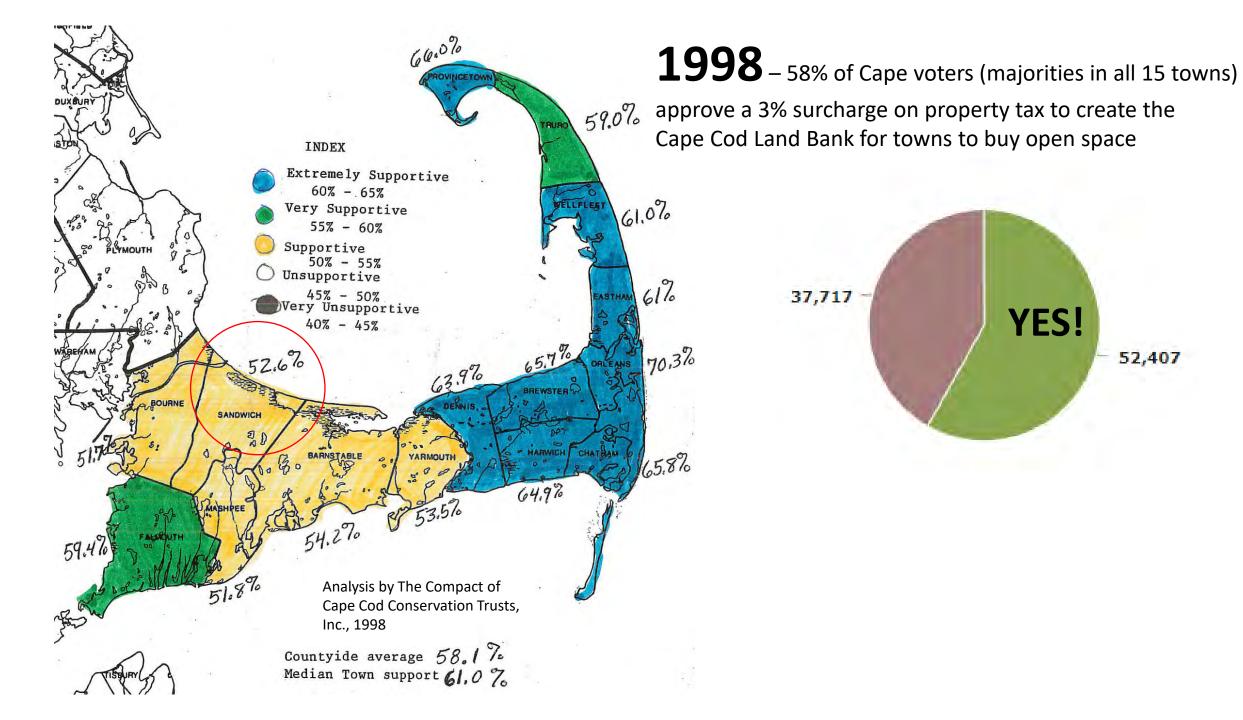
State Senator Henri Rauschenbach, & State Reps. Eric Turkington and Tom George pushed the bill through the legislature







Elliott Carr, Cape Cod Five president, gathered all Cape bank leaders to endorse the bill



52,407



1999-2007 - Cape Cod Land Bank Results

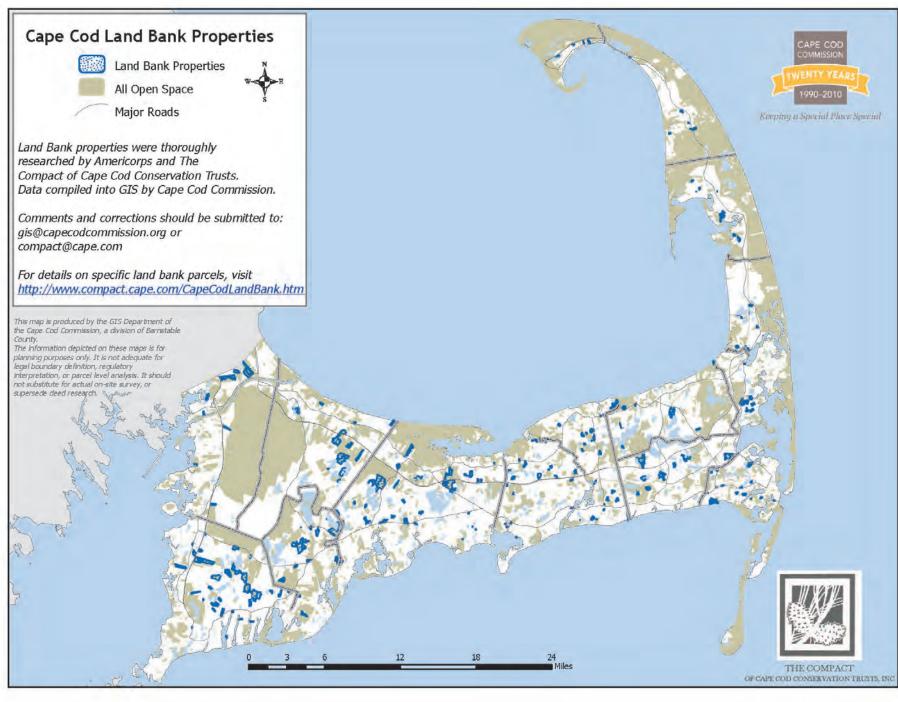
About 40% of the 223 projects involved direct cooperation between the nonprofit land trusts and town government

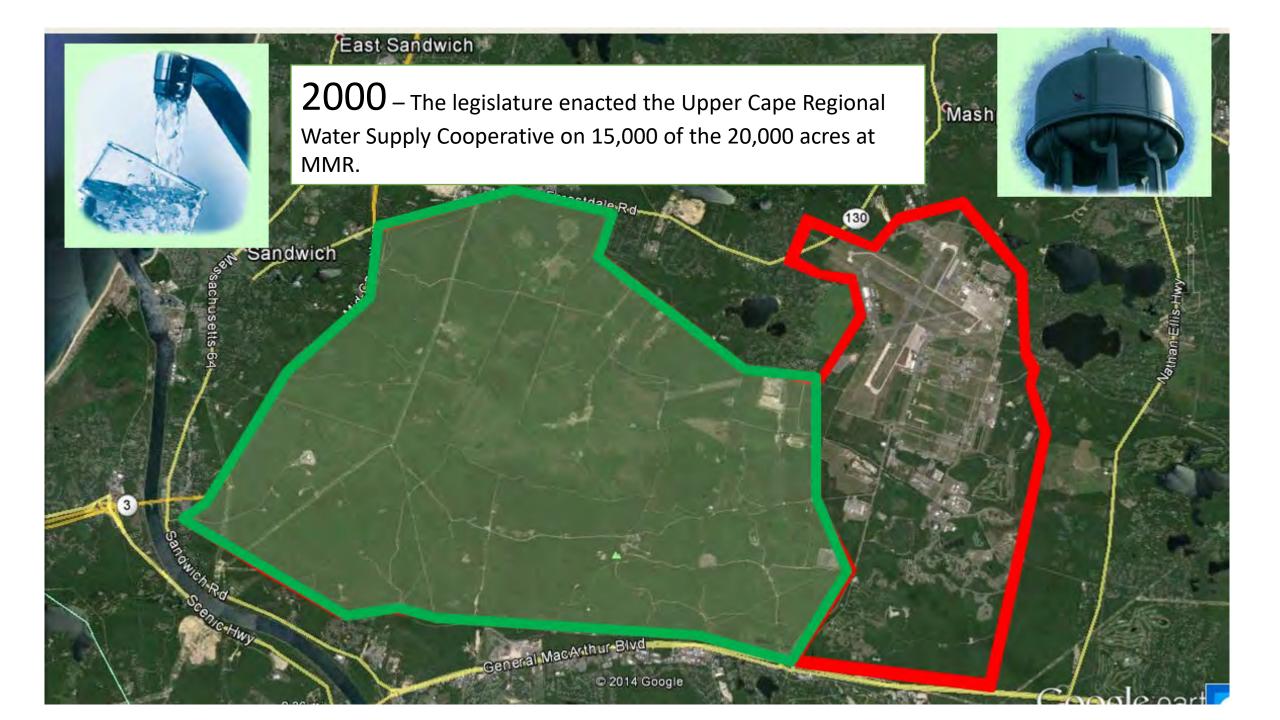
LAND BANK RESULTS, 1999-2007

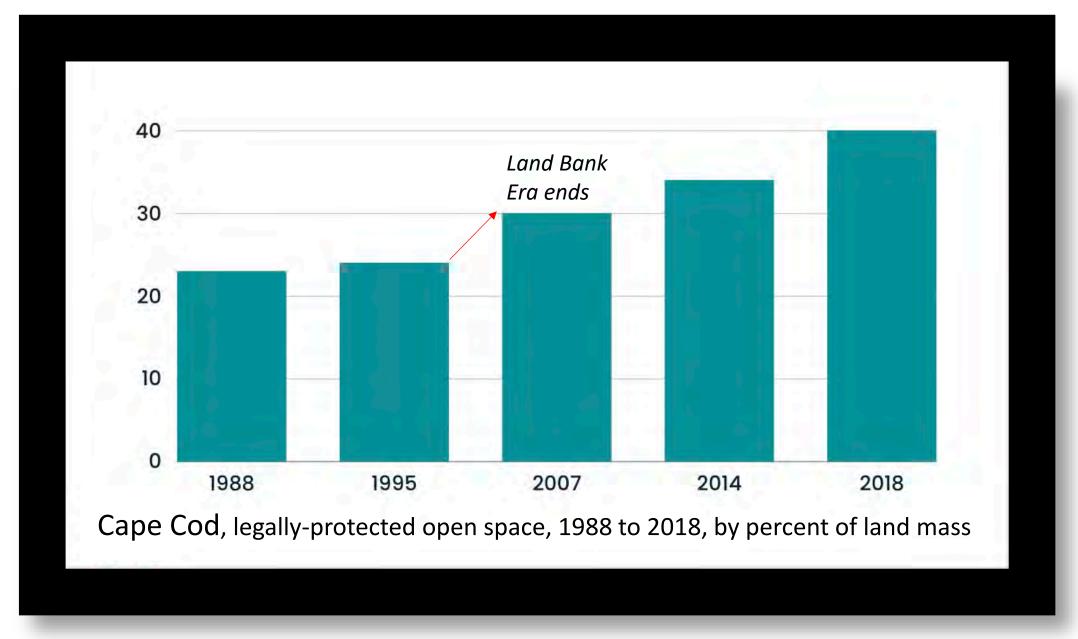
\$213,633,762	Total purchase price paid for all Land Bank properties, all 15 towns (1998-2007)
\$145,475,704	Total Land Bank local expense on purchase price (3% surcharge on property taxes in 15 towns)
\$43,832,177	Other public dollars used in Land Bank purchases (town, state, federal grants; mitigation)
\$15,000,000	Start-up grant from State (pro-rated, 3-year allotment to each town based on Land Bank levy)
\$9,325,881	Private dollars raised by non-profit land trusts to subsidize Land Bank purchases
\$32,688	Average final net cost per acre from local taxpayers' 3% Land Bank surcharge
233	Number of completed projects
4,450	Total acres acquired, using Land Bank funds
6%	Estimated amount of remaining developable land on Cape Cod acquired through Land Bank
278 acres, Mashpee	Largest new conservation area assembled, Santuit Pond Preserve (inc. 83 acres in Barnstable)
40%	Percentage of completed Land Bank projects with assistance from non-profit land trusts
2,175	Total acres preserved by non-profit land trusts separate from town projects (1999-2007)
30%	Percentage of Cape Cod land mass considered protected open space (2007)
\$24,000,000,000	Total real estate sales activity, Cape Cod, 1999-2007 (except sales <\$50,000 or > \$1,000,000)

All 15 Cape towns participated in the Land Bank, purchasing more than 4,450 acres of open space in less than 10 years.

By 2007, all towns adopted the Community Preservation Act (Chatham and Provincetown also kept their Land Bank until its 2020 sunset.)







Cape Cod has almost doubled its protected open space between 1988 (23%) and 2018 (40%).



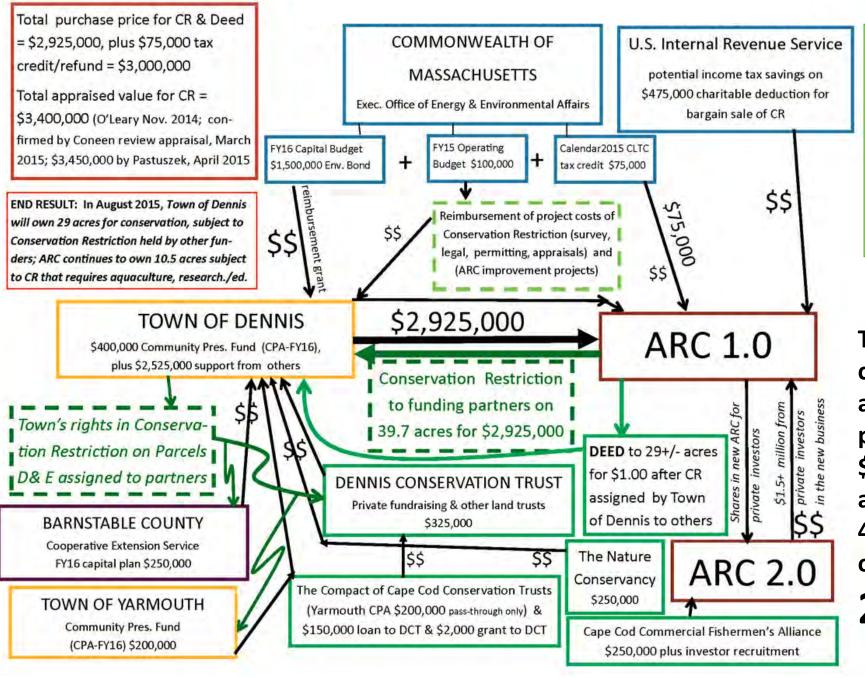
– First Native American-led land trust east of the Mississippi, is founded on Cape Cod.



– The Dennis Conservation Land Trust fosters the first welcome to the Native Land Conservancy, inviting indigenous people to enjoy its properties for cultural practices and ceremony.

- This Cultural Respect Easement was extended to all DCLT properties and made permanent.





"We expect that
The Compact
will continue to serve as
a national model of land
trust collaboration among
land trusts."

— Robert Bowers, Chairman, Land Trust Alliance (Wash. D.C.), 2002

The Compact helps to negotiate complex land acquisitions and arrange funding from public and private sources, such as the \$6 million business reinvestment and open space protection of 40 acres and a shellfish hatchery on Chapin Beach in Dennis in

2015

– 1,500 voters at Brewster Special Town Meeting unanimously approve \$26 million in bonding to buy the 127-acre Cape Cod Sea Camps on Long Pond and Cape Cod Bay





Did we save Cape Cod?

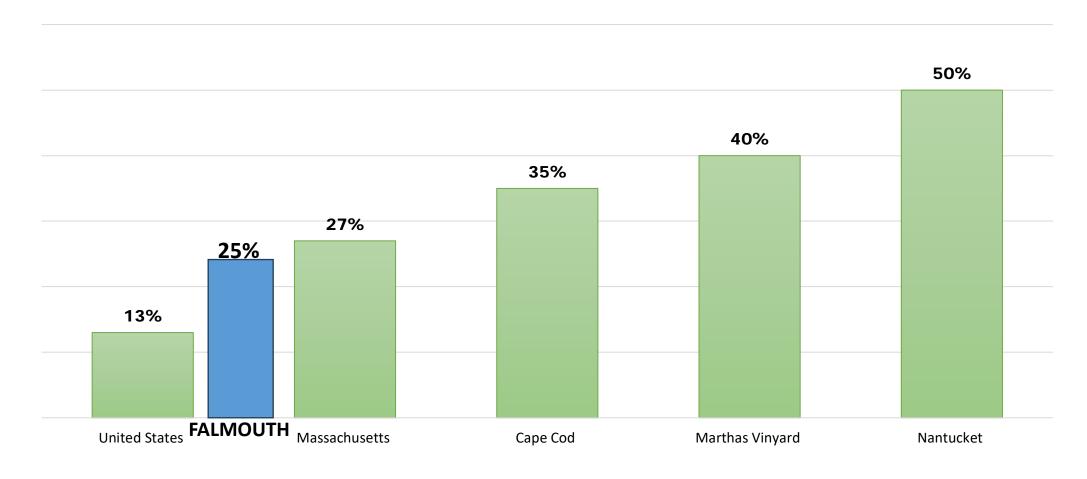
Have we saved enough of Cape Cod?

TOWN	PERCENT UPLAND PROTECTED	PROTECTED OPEN SPACE PER CAPITA (ACRES)
HARWICH	18%	0.19
DENNIS	25%	0.23
FALMOUTH	25%	0.22
YARMOUTH	26%	0.17
CHATHAM	27%	0.47
BARNSTABLE	30%	0.25
MASHPEE	30%	0.32
ORLEANS	30%	0.47
EASTHAM	34%	0.60
BREWSTER	36%	0.54
SANDWICH	37%	0.49
BOURNE	46%	0.61
WELLFLEET	55%	2.62
TRURO	70%	4.75
PROVINCETOWN	79%	1.77
COUNTY TOTALS Source: MassGIS, 1	36% 2018	0.42
,		

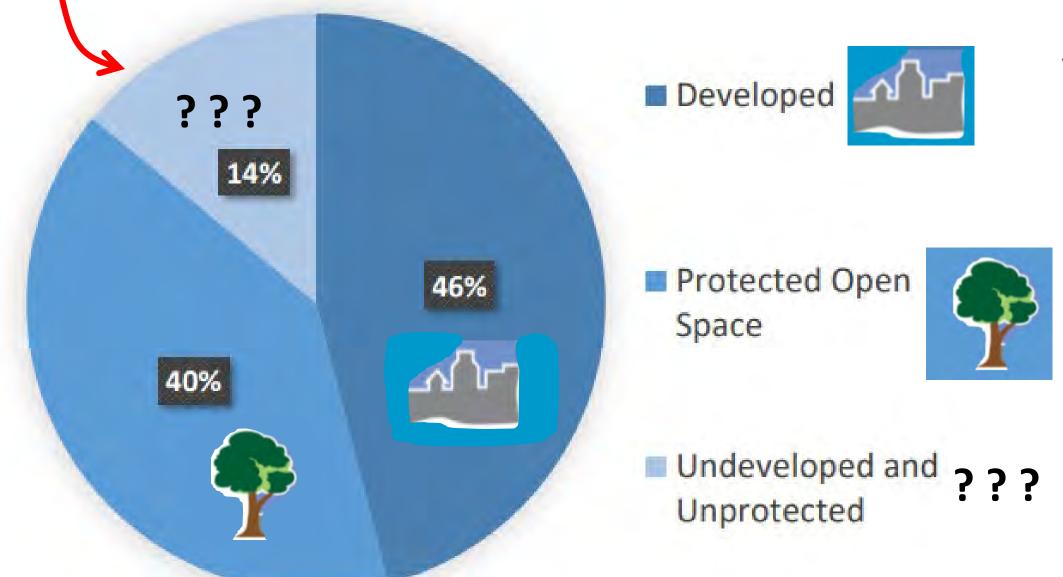
Did we save Cape Cod?

Have we saved **enough** of Cape Cod?

Percentage of Protected Open Space

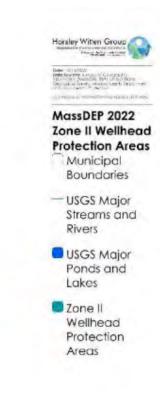


What should be the fate of the remaining 14% of the Cape's developable land?



2022, APCC Only 36% of our wellfield zones (public drinking water supplies) are protected against development.

The following map captures the current Zone II Wellhead Protection Areas on the Cape. Currently, Zone IIs comprise 27% or approximately 70,000 acres of the Cape (see Map 4). Overall, approximately 36% of the Zone II areas are protected open space. This is primarily a result of the land acquisitions in the 1980s and 1990s that focused on protecting drinking water supplies. As shown in the case study regarding Brewster, 41% of its Zone II area is protected open space. Brewster and Dennis have won quality awards for their drinking water in New England competitions, owing to the large, protected wellfields surrounding their wells.







Map 4. MassDEP designated Zone II Wellhead Protection Areas.

DEVELOPMENT

Eastham Board Approves New House in Seashore

A rare vacant lot, with a \$740K price tag, is deemed buildable

By Christine Legere

EASTHAM — A 1.3-acre vacant lot located off Cable Road and within walking distance of Nauset Light Beach is on the market for \$740,000 — and it is being touted as "a rare opportunity to live in the National Seashore Park surrounded by parkland."

That certainly is the truth.

Most of the undeveloped lots in the Cape Cod National Seashore were taken by eminent domain by the National Park Service in the decade or so following the establishment of the Seashore as a national park in 1961. The landowners were paid an amount based on a fair market appraisal, ac-

March 2023

Linda Noto, had pursued site-plan approval to establish that a house could be built on the lot. That approval by the planning board has boosted the presumed value of the property from the town's assessment, \$51,100, to its current asking price of \$740,000. The lot went on the market on Nov. 1, shortly after the expiration of the period during which the approval could

have been appealed.

According to Denise Kopasz, the real estate broker who listed the property, the Notos had planned to build a house there but have instead put it on the market "due to a change in family circumstances." They currently own a house on the adjacent lot.

The Cape Cod National Seashore includes land in Province-

CONTINUED ON PAGE A11

Even our jewel, the Cape Cod National Seashore, is not fully protected from further development; there are 600 private properties still in CCNS



NEW PATHS
FOR THE 21st
CENTURY:
Undevelopment

Eco-restoration

Sustainable Agriculture

Climate Resilience

New Partners

Open Space Retention

UNDEVELOPMENT



Yarmouth bought the oldest motel on Rt 28 in 2019, sited in the Mill Creek floodplain





Surf Drive in Falmouth was chock-a-block with inappropriate housing on the beach. We let Hurricane Bob in 1991 take on the un-development work.





sandy beach enjoyment for the public.

- 1. Preserve open space in a natural condition
 - Carbon sink of forests and marshes
 - Prevent cutting of trees



- 2. Include climate considerations in land acquisition and land management decisions
 - Coastal margins for salt marsh migration
 - Larger parcels should be prioritized for purchase
 - Restore native habitats (invasive plant removal)
- 3. Undevelopment of coastal areas and floodplains
 - Identify opportunities (storm-damaged structures cheaper to buy)
 - Storm waters can move more freely with less development



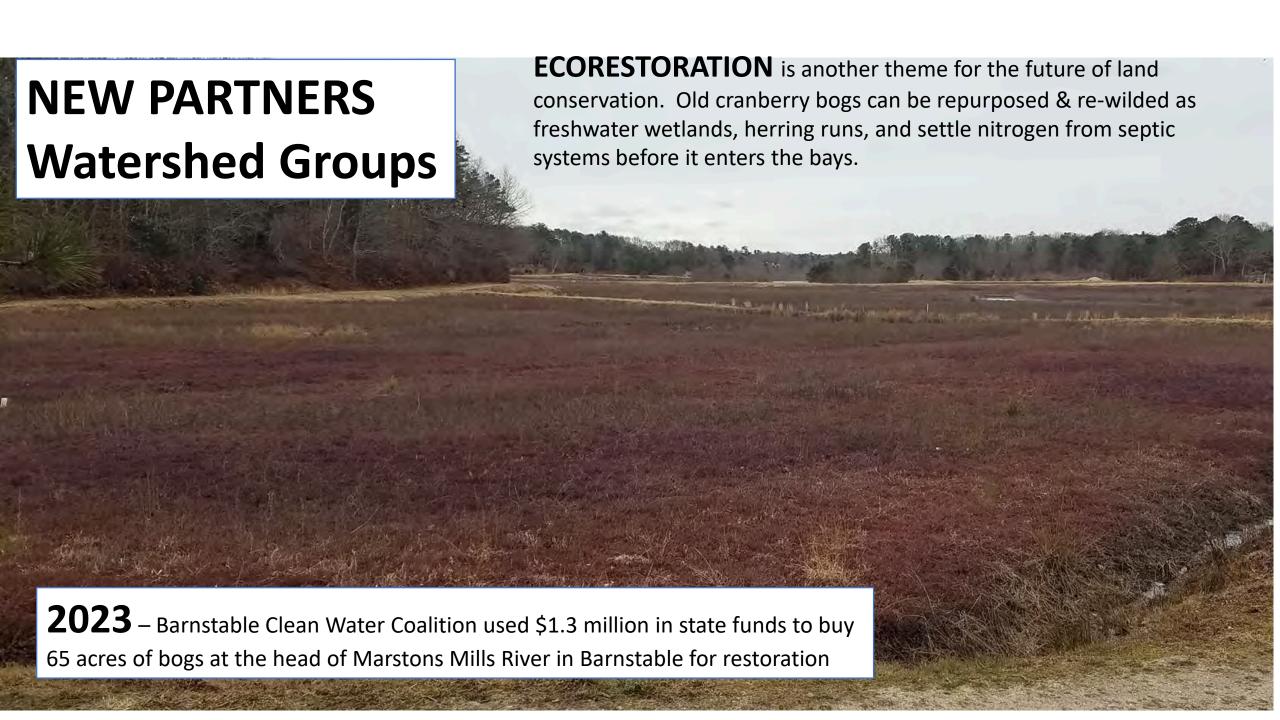
In 1990 the Lloyd Family donated 28 acres to BLT at Meadow Point at the south end of Cotuit.

Here we see sea level rise in action, drowning the red cedars (stumps) in the foreground and killing the cedars in the background with saltwater inundation.









2021 – Falmouth's Coonamessett Bog eco-restoration is the landmark success on Cape Cod



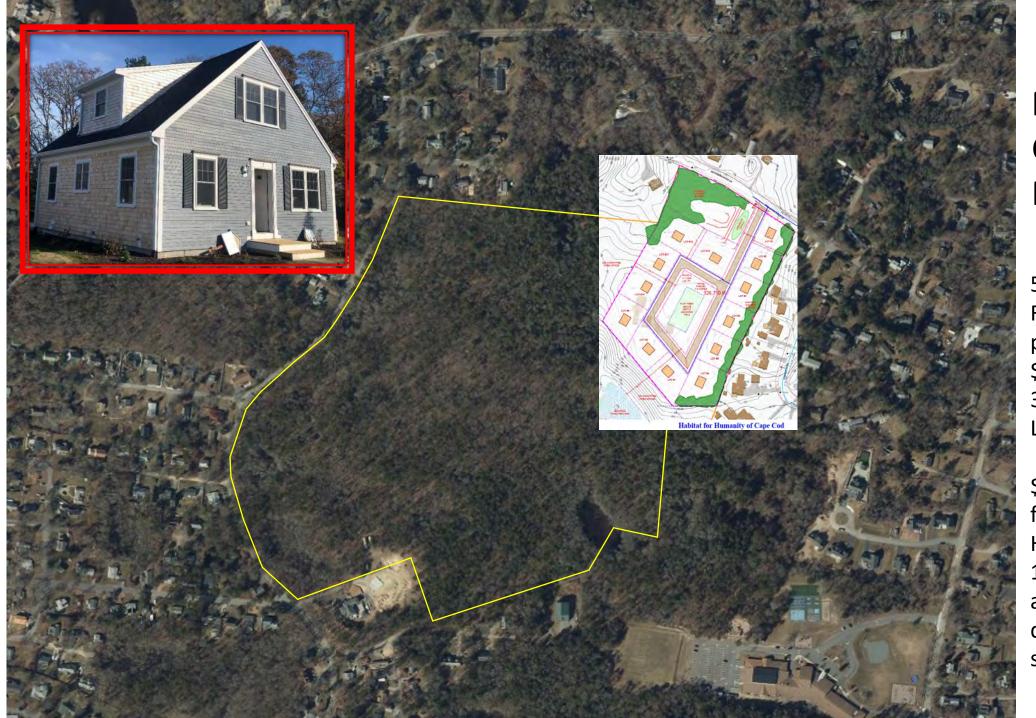
Cape Cod Wave photo



NEW COMMUNITY PARTNERS

57 acres North
Falmouth, being
purchased for
\$6 million by The
300 Committee
Land Trust

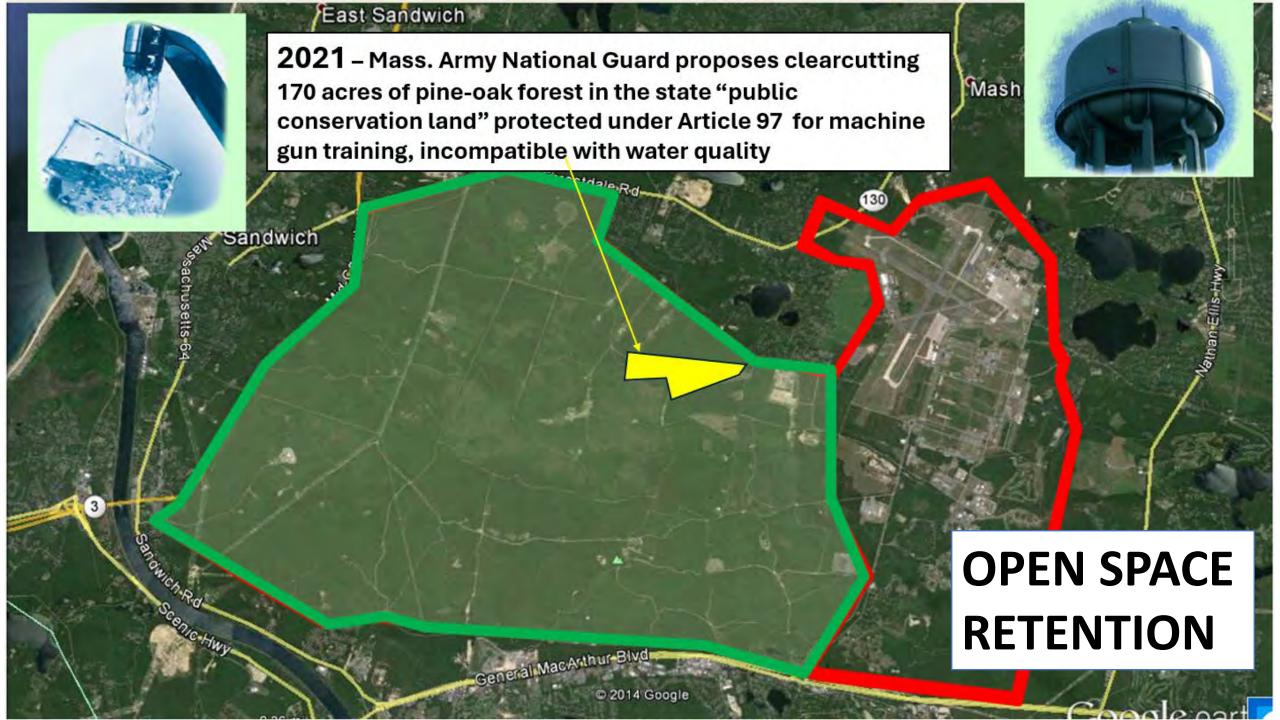
\$2 million from Town Meeting approved

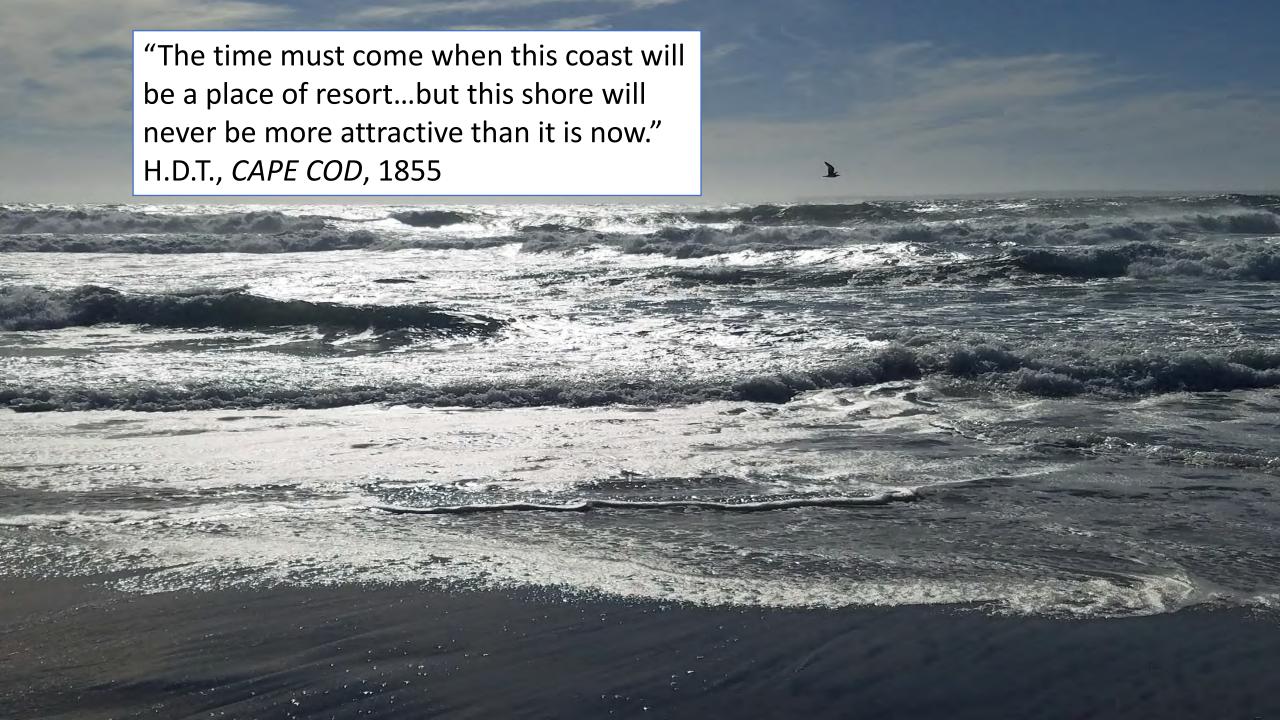


NEW COMMUNITY PARTNERS

57 acres North
Falmouth, being
purchased for
\$6 million by The
300 Committee
Land Trust

\$1 million sought from Habitat for Humanity to build 13+ homes on 7.5 acres of dilapidated house site





"We will spend this century trying to defend what we thought we preserved in the last century." --Mark Robinson,



