Long Island

A New American Viticultural Area

Richard Olsen-Harbich

Raphael

Peconic, NY

Karen Meredith

Broadfields Vineyards

Southold, NY

Richard Olsen-Harbich *has been involved in the Long Island wine industry since 1981. He received a BS in Plant Science from Cornell University and a MA in Science Education from Stony Brook University. He is also the author of the two existing Long Island Viticultural Appellations: "The North Fork of Long Island" and "The Hamptons, Long Island.." He is a past president of the Long Island Grape Growers Association and is currently the Long Island representative to the New York Wine and Grape Foundation Board of Directors. He is presently the managing director and winemaker at Raphael, a new winery located in Peconic, NY, owned by the Petrocelli Family of Huntington, NY. Raphael is dedicated to the production of one wine - Merlot, under the consultation and guidance of world-renowned winemaker Paul Pontallier of Chateaux Margaux in the Bordeaux region of France. More information about Raphael can be found at the winery's web site (*www.raphaelwine.com*) or by calling the winery at (631) 765-1100.*

Karen Meredith *is an attorney with Cahill Gordon & Reindel in New York City and, along with her husband Robin, owner of a vineyard on the North Fork of Long Island. The Merediths purchased an 18.5 acre farm located on one of the highest points in the village of Southold in 1997, and they are currently in the process of planting a diverse array of clonal selections of Merlot, Cabernet Franc, and Cabernet Sauvignon. More than ten acres are currently under vine, and an initial release of 300 to 500 cases of Merlot and a proprietary blended red wine is planned for the 2000 vintage. The Meredith's wine, sold under the name Broadfields, will be available exclusively through select restaurants and the Broadfields web site (www.broadfields.com).*

Table of Contents

Introduction

It is the objective of this paper to provide evidence that the geographical features and location of the region known as Long Island produce viticultural conditions which are distinguishable from the rest of New York State and the bordering areas of New Jersey and Connecticut. The differences are evident in both the climate and soil on Long Island, which because of its geologic history and maritime orientation, make it truly one of the most unique areas in the United States. The facts presented in the following pages have been accumulated from such respectable sources as Cornell University, the Geneva Agricultural Research Station in Geneva, N.Y., the National Oceanic Atmospheric Administration, the U.S.G.S. the U.S. Soil Conservation Service and the USDA. We feel that the data accumulated in this report clearly shows a need for the approval of a separate viticultural appellation termed "Long Island," an area unique within the United States.

Presently, there are 2 approved viticultural areas in existence on Long Island. "*The North Fork of Long Island*" was approved in 1986 and "*The Hamptons, Long Island*" in 1985. In both of these applications, it was shown through climate and soil data that these 2 microclimates were subtly different from the rest of the Long Island region. More recently, it has become evident that the effects of Long Island's geography extend well beyond the borders of these two existing appellations. In fact it is clear that the entire region consisting of Nassau and Suffolk Counties consists of weather conditions and soil types that exist nowhere else on the East Coast. This being the case, this paper will also show that the larger area of Long Island, taken as a whole, is vastly different in both climate and soil compared to neighboring regions. The fact alone that the area of Long Island is indeed an island says as much – it stands alone and is independent geologically and climatically from the rest of the state.

Historically, viticultural appellations have usually begun with a large area that encompasses many different microclimates. Over the years and with the accumulation of viticultural and winemaking experience, it is quite common to create smaller, more specific viticultural appellations out of this original larger region. This situation is in fact quite common among other viticultural areas in the United States. One of the most famous examples is the AVA district of Napa Valley in California.

The broad Napa Valley appellation also encompasses twelve smaller, albeit subtly different subappellations. These twelve are Spring Mountain, Mount Veeder, Howell Mountain, Stages Leap District, Atlas Peak, Wild Horse Valley, Chiles Valley, St. Helena, Yountville, Carneros, Rutherford and Oakville. [1] The famous, broader AVA district of Sonoma also includes the eight other smaller AVA districts of Sonoma Valley, Sonoma Mountain, Russian River Valley, Sonoma-Green Valley, Chalk Hill, Dry Creek Valley, Alexander Valley and Knights Valley. The AVA district, Carneros, is actually shared by both the Napa and Sonoma AVA districts.[2] (This pattern is repeated in other areas and is essentially following the true purpose of the AVA designation – to classify and distinguish unique grape growing and wine producing areas. One can see this trend in France (the U.S. AVA model) as there are hundreds of smaller appellations located within broader, more general regions). This distribution of viticultural areas emphasizes the fact that even very small differences in climate and soil can change the character of the wines produced. It is well known that the wines of neighboring producers can differ dramatically, all else being equal, just from the differences in soil that can occur over very short distances.

It is understood that the most common history of AVAs in the United State begins with a larger AVA, which upon further experience are found to contain smaller pockets of climate and soil differences. However, there exists at least one precedent for approving a larger AVA which overlaps the boundaries of a pre-existing smaller AVA (*Fredricksburg in the Texas Hill Country* was approved prior to the approval of the larger, encompassing Texas Hill Country AVA).[3] With adequate data at hand, the smaller districts can then be proven to be subtly different from the larger, parent area, subsequently giving the consumer another choice by highlighting these differences. By basing the approval process of AVAs clearly on strong climate and soil data, it must be shown that the soil and climate of a smaller district within a larger AVA boundary can qualify for AVA designation. Logically, it should also be observed (using good science) that the inverse of the AVA data presented must also hold true – that a larger viticultural area can also be found to be slightly different from the smaller districts which are found within its broader, distinct borders. Even with these subtle differences within a large appellation, the large appellation as a whole can be quite different in terms of climate and soil from the geographic areas that border it. It is our opinion that Long Island is a perfect example of this case.

---

1 Ewing-Mulligan and McCarthy, Wine For Dummies, IDG Books Worldwide (1995).
2 Ibid.
3 Conversation with BATF, 4/1/00.

Long Island has now had over 26 years of commercial viticultural history. From the small beginnings of the Hargrave planting in Cutchogue in 1973, the wine region of Long Island today has grown to over 2,500 acres – almost all of these acres planted to the noble vinifera grapes of Europe. [4] The reason for this growth and success is simple – the geographic features of Long Island provide a mild climate and a soil that is unlike those of any other region on the East Coast. This region is in fact, one of the few regions east of the Mississippi River that can support the large-scale commercial culture of many vinifera grapes – the grape of the famous European winemaking regions. Due to the fact that Long Island juts 100 miles into the Atlantic Ocean, the climate is moderated year-round. Ancient glaciers have also left a valuable legacy of rich, sandy, glacial-till topsoil, which is well drained and suitable to growing just about any crop imaginable. In little over a quarter century, the wine industry on Long Island has grown to a multimillion dollar business, with positive critical reviews of Long Island wines found in every major food and wine publication. It has been said by many in the industry that the region of Long Island is one of the country's most exciting and new wine growing regions. Indeed due to the tremendous amounts of time, effort and capital provided over the last 26 years by the Long Island wine industry, the name Long Island is now greatly associated with high quality wine - in fact, the name of Long Island has become quite valuable to those within the industry and quite meaningful to the wine industry at large.

It is the intention of this paper to petition the BATF to approve a larger "Long Island" viticultural appellation or AVA, which would encompass the two existing appellations of the *North Fork* and *The Hamptons*, as well as the addition of the remaining areas of Suffolk and Nassau Counties. The reasons for this proposed appellation are as follows:

1) After 26 years of viticultural experience we understand that the climate and soil of Long Island differ substantially from that of New York City, the rest of New York State, and the bordering areas of New Jersey and Connecticut.

2) The name "Long Island" is popularly used to describe wines made from both *The North Fork* and *The Hampton's* districts on a local, national and international level. (See Appendix I).

---

4 Charles Massoud, Pres., Long Island Wine Council, 3/1/00.

3) Presently there exists no clear labeling terminology for wines produced from a blend of both *The Hamptons* and *North Fork* AVA fruit. The only approved labeling terms would be either Suffolk County or New York State, both of which do not represent the wines properly as being from Long Island. The name Long Island is widely recognized on a local as well as a national level. (See Appendix I). A Long Island AVA would provide an additional option for local and national labeling and marketing.

4) Long Island vintners who wish to grow grapes and produce wines in viable growing areas located immediately outside the boundaries of the existing appellations would not be able to properly label the origin of their wines as being from Long Island.

5) The name "Long Island" is technically considered by current BATF label approval guidelines as a Fanciful Name and is presently unprotected as far as its use on wine labels is concerned. There is nothing to prevent a producer from any other region in New York or in the United States from using the name "Long Island" on their wine labels as a Fanciful Name. In addition, there is nothing to prevent a local wine producer or bottling plant from using the term "Long Island" as a Fanciful Name on wine or grapes that are imported from another region into the Long Island area.

6) Approval of the name "Long Island" as an AVA would not only allow further expansion of the Long Island wine industry, it would address the purity concerns of Long Island growers and winemakers as well as protect wine consumers from potential false advertising and fraudulent labeling.

Origin and Evidence of the Name "Long Island"

In 1613-1614 Andrian Block, a Dutch explorer, became the first European man to sail around Long Island. In 1616 Block drew a map of the area and christened the land "Lange Eylandt,"[5] which translates into English as Long Island. The Dutch continued to use the name Lange Eylandt to refer to the area now known as Long Island. For instance, a map made of the area in 1635 by William Janszoon Blaeau, based on charts drawn after the 1613-1614 journey of Adrian Block, depicts the region as Lange Eylandt, as does a map drawn in 1656 by Nicholaes Visscher.[6]

In 1674 the first professional surveyor, Robert Ryder, an Englishman, drew a map of the area and called it Long Island.[7] The Ryder map was followed by John Thornton, Part of New England, New York East New Iarsey, and Long Island, 1689, a famous nautical map, Robert Mordon, A Map of ye English Empire in the Continent of America, 1690, detailing whaling off the coast of Long Island, Johann Baptista Homann, New England in North America, 1710, containing detail showing and using the term Long Island, Cyprian Southack, A Map of the Coast of New England, 1730, containing detail showing and using the term Long Island, Thomas Jefferys, A Map of the Most Inhabited Part of New England, 1755, containing detail showing and using the term Long Island, Simeon De Witt, A Map of the State of New York, 1802, containing detail showing and using the term Long Island, F.W. Beers, Atlas of Long Island, New York, 1873, Hyde and Company, Map of Long Island, 1896 and United States Geological Survey, Topographical Map of Long Island, New York, 1913, among others.[8] A recent National Geographic Society map of the entire United States entitled United States, The Physical Landscape, 1996 contained detail showing Long Island and using the term Long Island.

Thus, the name Lange Eylandt or Long Island has been in continuous use from 1616 to the present day. Additionally, there is tremendous current use of the name Long Island. There are approximately 620 business listings in Suffolk County using the term Long Island and 530 business listings in Nassau County using the term Long Island. A recent search by the New York Times for "Long Island" on the World Wide Web yielded more than 20,000 sites. The New York Times article is attached along with a

---

5 Newsday, Inc., Long Island: Our Story, (1998).
6 David Yehling Allen, Long Island Maps and Their Makers: Five Centuries of Cartographic History, Melville Library, Map Collection, SUNY Stony Brook (Amereon House 1997).
7 Ibid.
8 Ibid.

copy of a directory of Long Island web pages listing numerous sites devoted to Long Island. (See Appendix I).

Historical and Current Boundaries

Geographically, Long Island has four counties, Kings (commonly known as Brooklyn), Queens, Nassau and Suffolk. We believe the appropriate boundaries for the appellation are Nassau and Suffolk Counties. As the Long Island Travel Guide states "because Brooklyn and Queens are part of the five-county City of New York, the Long Island reference is commonly known to mean Nassau and Suffolk Counties exclusively."[9] For instance, the Long Island Almanac, published by the Long Island Business News, covers Nassau and Suffolk Counties only. [10] There are hundreds of business listings in Suffolk and Nassau Counties using the term Long Island, while in comparison the term Long Island is almost non-existent in Brooklyn and Queens to describe businesses located there.[11]

Additionally, commercial farms no longer exist in Brooklyn[12] or Queens [13], which are densely populated urban counties. Any available farmland, including vineyards, is confined to Nassau and Suffolk Counties.

Limiting the geographic boundaries of the Long Island appellation to Nassau and Suffolk Counties is consistent with what the term "Long Island" is meant to reference by the people and businesses living and working on Long Island and with the practical geographic boundaries of the agricultural region of Long Island.

---

9 Long Island Convention and Visitors Bureau, Long Island Travel Guide, (1997).
10 Long Island Business News, 1999 Long Island Almanac, (33rd ed.).
11 Bell Atlantic, White Pages Suffolk County, June 1999-May 2000; Bell Atlantic, White Pages Nassau County, June 1999-May 2000; Bell Atlantic, White Pages Brooklyn, September 1998-August 1999; Bell Atlantic, White Pages Queens, October 1999-September 2000.
12 Newsday, Inc. Long Island: Our Story, (1998)("It is difficult to picture today, but there were working farms in Brooklyn until the early 1920s. Photographs show farmers plowing land while train platforms and apartment buildings rise in the background. There were small farms in parts of Queens for another generation after that. . .").
13 In a telephone conversation with Martin Burnstein of the Borough of Queens' Assessor's Office, Real Property Division on November 23, 1999, Mr. Burnstein stated that commercial farms did not exist any longer in Queens and had not been present since the 1960s.

Boundary Description

As the attached map shows, Nassau and Suffolk Counties are bounded by the City of New York on the west, Long Island Sound to the north, the Atlantic Ocean to the south and Block Island Sound and Fishers Island Sound to the east. The western boundary starts at Little Neck Bay at the Queens County-Nassau County border on the north and travels for approximately 16 miles ending at Atlantic Beach on the south. This western border follows exactly the pre-existing border separating Queens and Nassau Counties. The southern boundary begins from the western point of Atlantic Beach (at the Queens County line) and travels east along the coast following the Atlantic Ocean, encompassing all inlets and barrier beaches, for approximately 100 miles ending at Montauk Point. The northern boundary begins in the west at the Queens County border at Little Neck Bay and runs east along the northern coastline of the Island bordering the Long Island Sound, ending approximately 84 miles later at Orient Point.[14] The entire proposed Long Island AVA area runs in a northeasterly direction and encompasses Fire Island, Robins Island, Shelter Island, Gardiners Island, Plum Island and Fishers Island. In summary, the western boundary is the Queens County – City of New York boundary, the northern boundary is the Long Island Sound, the southern boundary is the Atlantic Ocean, and the eastern boundary is commonly known as Block Island Sound – a large waterway channel that connects the Long Island Sound to the Atlantic Ocean.

At Riverhead, which is 56 miles from the City of New York border, the area separates into two forks, the North Fork and the South Fork.[15] The eastern most point on the North Fork is Orient Point, which is 84 miles from the City of New York border and the eastern most point on the South Fork, is Montauk Point, which is 100 miles from the City of New York border.[16] The width of the area at its widest ranges from 12 to 16 miles.[17] There are 1,180 linear miles of shoreline.[18]

Nassau County, which lies to the west of Suffolk County, is 285.4 square miles or 182,680 acres, while Suffolk County is 885.1 square miles or 566,466 acres. Combined Nassau and Suffolk Counties have 1,170.5 square miles or 749,146 acres.[19]

---

14 LI Regional Planning Board.
15 Long Island Business News, 1999 Long Island Almanac, 33rd edition, (1999).
16 Ibid.
17 Ibid.
18 Ibid.
19 Ibid.

Nassau County has two cities (City of Glen Cove and City of Long Beach) and three townships (North Hempstead, Hempstead and Oyster Bay). The towns and villages of Nassau County include: Great Neck, Port Washington, Roslyn, Manhasset, New Hyde Park, Mineola, Westbury, Floral Park, Garden City, East Meadow, Elmont, Hempstead, Levittown, Franklin Square, Valley Stream, Wantagh, Lynbrook, Rockville Center, Bellmore, Woodmere, Hewlett, Baldwin, Merrick, Seaford, Inwood, Lawrence, Atlantic Beach, Island Park, Oceanside, Freeport, Bayville, Locust Valley, Sea Cliff, Oyster Bay East Norwich, Syosset, Greenvale, Jericho, Plainview, Hicksville, Bethpage, Farmingdale and Massapequa.[20]

Suffolk County has ten townships: Babylon, Brookhaven, East Hampton, Huntington, Islip, Riverhead, Shelter Island, Smithtown, Southampton and Southold. The towns and villages of Suffolk County include: Cold Spring Harbor, Huntington, Huntington Station, Dix Hills, Melville, Deer Park, Wyandanch, Lindenhurst, Amityville, Copaigue, Babylon, Centerport, Northport, Kings Park, Commack, St. James, Smithtown, Hauppauge, Brentwood, Bay Shore, Brightwaters, West Islip, Islip, Great River, Oakdale, Bayport, Sayville, Bohemia, Central Islip, Holbrook, Setauket, Stony Brook, Centereach, Lake Grove, Lake Ronkonkoma, Holtsville, Medford, Patchogue, Bellport, Brookhaven, Yaphank, Farmingville, Selden, Coram, Middle Island, Mount Sinai, Port Jefferson, Miller Place, Rocky Point, Shoreham, Ridge, Shirley, Mastic, Mastic Beach, Center Moriches, Calverton, Wading River, Roanoke, Eastport, Westhampton, Riverhead, Northville, Flanders, Quogue, Hampton Bays, Southampton, Watermill, North Sea, Noyack, Bridgehampton, Sag Harbor, East Hampton, Amagansett, Napeague, Montauk, North Haven, Orient, East Marion, Greenport, Southold, Peconic, Mattituck, Cutchogue, Jamesport and Aquebogue.[21]

Total population figures from 1790 to 1990 are attached. The 1998 population estimates for Nassau County is 1,290,557, for Suffolk County is 1,361,558 and combined is 2,652,115.[22]

---

20 Ibid.
21 Ibid.
22 Ibid.

Wine Region Recognition

The wineries in the area have formed an association called The Long Island Wine Council whose winery members come exclusively from Nassau and Suffolk Counties. The Long Island Wine Council publishes a quarterly guide entitled The Wine Press in conjunction with the Times/Review Newspapers which is subtitled "Your Guide to the Long Island Wine Country", cover attached.

Many writers visiting the area have used the phrase "Long Island wine" when penning articles about their visit. A recent search using a Dow Jones database called "ALLNEWS" on Westlaw, a legal research service, revealed 379 separate news articles using the phrase "Long Island" in conjunction with the word "wine". The list of articles is attached.

The New York Times now has a wine writer, Howard Goldberg, who regularly covers the Long Island wine region and has written articles too numerous to list. Newsday, the newspaper devoted to Long Island in particular, also has a wine writer, Peter Gianotti, who writes a regular column called "The Wines of Long Island".

Other recent articles appearing in such diverse sources as The Wall Street Journal, The Independent, a London, England newspaper, The Palm Beach Post, The Baltimore Sun, the San Francisco Chronicle and the Chicago Daily Herald include:

Dorothy J. Gaiter and John Brecher, Tastings: Long Island Makes Good Wines, Honest, The Wall Street Journal, 9/4/98

Anthony Rose, New York: An island of vine romance, Thirsty travelers beware; there's a lot more to drink in Long Island than Iced Tea, The Independent – London, 4/17/99

Gary Glancey, Long Island now a Grape Place to Visit Fine Wineries Uncork New Image for Area, The Palm Beach Post, 9/20/98

Long Island Wines Win More Respect, The Baltimore Sun, 4/13/97

Gerald D. Boyd, Lavish Wines of Long Island, The San Francisco Chronicle, 8/21/96

Mary Ross, Eastern Long Island, N.Y.: America's newest vineyard, Chicago Daily Herald, 6/10/98

Fred Lebrun, Long Island's exclusive vineyards yield some of the nation's best wines, Times Union – Albany, New York, 10/18/99

Robin Stansbury, The Grapes of Long Island, Buffalo News, 9/30/98

Richard Jay Scholem, In Tasting, L.I. Wines Hold Own vs. French, The New York Times, 8/16/98

T.J. Foderaro, Quality of Long Island Wines belies their lack of experience or expense, The Star-Ledger, Newark, New Jersey, 8/26/98

Robin Stansbury, Premium Wine Country Long Island's Vineyards are a Sampler's Delight, The Hartford Currant, 9/6/98

William Nesto, Sound taste, Long Island climate enhances quality, The Patriot Ledger, Quincy, Mass., 10/1/97

Additionally, major wine and food magazines have recognized Long Island as a distinct and unique wine region. Examples include:

Thomas Matthews, Long Island's Work in Progress, The Wine Spectator, 6/30/99

Dana Nigro and Thomas Matthews, Long Island Land Rush Draws Investors, The Wine Spectator, 9/30/99

Ted Loos, A Forkful of Fun: A Weekend in Long Island's Wine Country, The Wine Spectator, 7/31/96

Anthony Brandt, France? Italy? California? Try Long Island, Home to Newest World-Class Merlots, SmartMoney, 6/1/96

Gerald Asher, A Long Island Symposium (Long Island Winegrowers), Gourmet, 2/89

Alice Feiring, Would You Believe Long Island, The Vines are Young, but There is Promise of Great Things to Come, Connoisseur, 6/90

John Baxevanis, Merlot Barrel Samples from Long Island: Serious Wine for Serious Cellars, The Global Gourmet, Northeast Report, 2/96 (www.foodwine.com/food/wine/daily/feb96/John.html)

Commercial wine retailers are separating Long Island wines from the general category of wine and designating Long Island wines by their region. Examples include the fall catalogue from Sherry-Lehmann, the Manhattan retailer, which is attached, Pops Wine Store catalogue on the internet which has a Long Island section (popswine.com/LONG-ISLAND-WINES.html) and McAdam's Liquor Corp., which also features Long Island wine separately (Mcadam-buyrite.com).

Finally the Long Island wine region has inspired a book by Philip F. Palmedo and Edward Beltrami, The Wines of Long Island: Birth of a Region, (Waterline Books 1993) and monthly magazine, the GrapeZine.[23] Sample covers are attached.

23 The GrapeZine is unfortunately defunct due to the untimely death of its publisher this past year.

Past Viticultural History

The settlers trained the native grapes onto arbors behind their homes. Even today, many of the homes have grape arbors. This practice has been going on for as long as the settlers have been here. European wine grapes were not tried on Long Island until the Prince Nurseries started in the late 1700's.[24] One of the earliest viticultural books written in the United States was by William R. Prince in 1830. His Treatise on the Vine lists the most favorable soil to grape growing as "light and sandy." This is the soil type of Long Island. He also states "light soils ... when porous, fine, and friable in their composition ... are the most suitable for the plant and for the quality of the wine." More recently, the world renowned Australian viticulturist Dr. Richard Smart, on a rare trip to Long Island in February of 2000, stated that the soils of Long Island "are among the finest soils for grape growing that I have ever seen in the world." [25]

Prince Nurseries was located in Flushing, Queens, on the western most end of Long Island and sold grapes and vine cuttings all way to the eastern end. The vinifera (European) grapes did not fare well in the Eastern United States during the 18th and 19th centuries due to the high humidity and disease problems that were inherent to the area.[26] This disease problem has since been solved with advent of modern day fungicides and spraying equipment. The backyard arbors were pretty much the extent of grape growing on Long Island for most of the next 130 years (from the publication of Prince's book in 1830 to 1963). There were a few attempts at commercial grape growing but these, too, failed (most notably by a "Moses" Fournier who in the late 1800's planted quite a large vinifera vineyard near Mattituck).

The beginning of the successful commercial vineyards on Long Island was in March of 1963. It was then that John Wickham, a fruit farmer in Cutchogue, planted a selection of table grapes from Cornell University. So successful was one of the varieties that it was named "Suffolk Red," for the county in New York where it thrived. Wickham's Fruit Farm has since successfully grown grapes for over 35 years. Prior to his success, vinifera grapes did not survive because of a combination of diseases. The worst on Long Island (because of the high humidity) was black rot. It is Mr. Wickham's feeling that he succeeded because he used his orchard sprayer in combination with new, more effective fungicides. He

---

24 Prince, William R., A Treatise on the Vine, T& J Swords, New York, (1830).
25 Dr. Richard Smart, Seminar on Long Island, 2/21/2000.

stated, "It is the air-blast sprayer that has made grape-growing on Long Island possible."[26]
The success of John Wickham led others to Long Island. It started slowly but has continued at an accelerated pace the past few years. Professor John Tomkins of Cornell University held conferences in the area in 1968 and 1971. In the "Suffolk County Agricultural News," Volume LV, No. 5, p. 22, he wrote, "there are many good sites for grapes on Long Island. Some apple and dairy farmers are taking a real careful look at the opportunities in grape-growing." This was in May 1971.[27]

The June 1971 conferences given by Professor Tomkins were well attended. They were also well reported. Two major newspapers ran articles about grape growing on Long Island. It was also Professor Tomkins who steered Alex and Louisa Hargrave to Long Island. Hargrave Vineyard was planted in 1973. It was the first commercial vinifera vineyard on Long Island in the 20th Century. Its success has led to over 2,500 acres of grapes planted in the last 26 years. And they are just the beginning.[28]

It has taken over 350 years, from backyard arbors to create a multi-million dollar industry. But this success was foreseen by many. In the 1800s, Long Island grew many peaches. A Professor Nuttall of Harvard University is quoted by William Prince, "The Peach and the Vine being natural productions of the same region of the East, the opinion has been uniformly adopted, that a climate favorable to the one could not fail to be suitable to the other. And where, let me ask does the former thrive to a greater degree than in many other sections of our country? From the shores of Long Island ... the peach flourishes ... hence we may deduce the most sure prospects of an equal success for the vine."[29]

---

26 Olsen-Harbich, Richard, North Fork of Long Island AVA petition (1985).
27 Cornell Cooperative Extension, Ag. News, Riverhead, NY, (1971).
28 Ibid.
29 Prince, William R., A Treatise on the Vine, T&J Swords, New York, (1830).

Present Viticultural Situation

The following is a list of producers and estimated amount of vineyard acreage on Long Island: [30]

Suffolk County – North Fork

Business Name	Type	Proprietor
Bedell Cellars	Vineyard/Winery	Bedell Family
Bidwell Vineyards	Vineyard/Winery	Bidwell Family
Baiz Vineyards	Vineyard	Chis and Roz Baiz
Broadfields	Vineyard	Robin and Karen Meredith
Corey Creek	Vineyard/Winery	Michael Lynn
Dzugas-Smith	Vineyard/Winery	Donna Dzugas-Smith
Gristina Vineyards	Vineyard/Winery	Gristina Family
Hargrave Vineyards	Vineyard/Winery	Borghese Family
Jamesport Vineyards	Vineyard/Winery	Goerler Family
Laurel Lake Vineyards	Vineyard/Winery	
Lenz Vineyards	Vineyard/Winery	Carroll Family
Martha Clara Vineyards	Vineyard	Robert Entenmanns
Lieb Vineyards	Vineyard	Lieb Family
Manor Hill Vineyards	Vineyard	William Ackermann
Mcullough Vineyards	Vineyard	Mcullough Family
Miceli Vineyards	Vineyard	Miceli Family
Mudd's Vineyard	Vineyard	Mudd Family
Raphael	Vineyard/Winery	Petrocelli Family
Pfeifle Vineyards	Vineyard	Pfeifle Family
Silvernail	Vineyard	
Smith	Vineyard	Smith Family
Macari Winery	Vineyard/Winery	Macari Family

Marco Vineyards	Vineyard	Marco Family
McComb Vineyards	Vineyard	McComb Family
Osprey's Dominion	Vineyard/Winery	Kohler/Tyree
Palmer Vineyards	Vineyard/Winery	Robert Palmer
Paumanok	Vineyard/Winery	Massoud Family
Peconic Bay Winery	Vineyard/Winery	The Lowerre Family
Pelligrini Vineyards	Vineyard/Winery	Bob and Joyce Pelligrini
Pindar Vineyards	Vineyard/Winery	Dan Damianos
Pugliese Vineyards	Vineyard/Winery	Pugliese Family
Schneider Vineyards	Winery	Bruce and Chris Schneider
Ternhaven Cellars	Winery	

Total Acreage Planted to Grapes on the North Fork: 2,400 acres

The Hamptons

Business Name	Type	Proprietor
Channing Daughters	Vineyard/Winery	Channing Family
Duckwalk Vineyards	Vineyard/Winery	Dan Damianos
Sag Pong Vineyards	Vineyard/Winery	Christian Wolffer

Total Acreage Planted to Grapes in the Hamptons (South Fork) : 110 acres

Rest of Long Island

Business Name	Type	Proprietor
Banfi Vineyards	Vineyard	Villa Banfi
Loughlin Vineyards	Vineyard	Barney Loughlin

Total Acreage for remainder of Long Island : 70 acres

Total Vineyard Acreage Planted on Long Island: 2580 Acres [31]

---

30 Long Island Wine Council Information, January 2000.
31 Ibid.

Future Viticultural Outlook

In the last two decades, the Long Island wine industry has grown in leaps and bounds – both physically and critically. Long Island is now known internationally as one of the world's most exciting new wine regions. (see articles attached) There are presently 38 vineyard and/or winery businesses operating on Long Island. [32] There has also been a great deal of expansion that is actually too fast for these authors to report. However, withing the past 2 years, numerous new owners have purchased land with the intention of planting vineyards within the very near future. Due to the nature of this proprietary information, an exact figure cannot be given, but from information there is known it is quite probable than an additional 100-200 acres will be planted to vineyards in the year 2000, with another 150 acres planted in 2001. [33] By all likelihood, the total amount of vineyard acreage on Long Island will reach the 3,000-acre mark in as little as 2 years. It is not unreasonable to predict that by the year 2010, there will be over 4,000 acres of vineyards planted on Long Island, with over 50 different small wine producing businesses. Wine growing continues to be one of the few agriculturally based industries that has a viable future in the high-priced region of Long Island. The wine industry has in fact, been a major contributor to the preservation of agricultural open space and farmland on Long Island and consequently is a positive attribute to the region. Land preservation also helps to preserve the ever delicate aquifer system that is based underneath Long Island and serves to provide drinking water for millions of Long Island residents in Nassau and Suffolk Counties. The only factor that could limit the growth of the Long Island wine industry will be the eventual shortage of viable farmland. Presently, hundreds of undeveloped acres of farmland which are suitable for growing grapes are located in adjacent areas outside the boundaries of the current AVAs approved for Long Island. This acreage can become available to the prospective vintner under the Long Island AVA.

Most of the available farmland for the continued expansion of the Long Island wine industry is located in Suffolk County. According to the 1997 Census of Agriculture, there are presently 35,858 acres of farmland in Suffolk County; 5,858 of these acres are currently fallow or out of production. Out of the remaining cultivated farmland, 5,868 acres are planted to vegetables, 5,906 acres to potatoes and another 600 acres in orchards. (1997 Census of Agriculture). In theory, all of this farmland is currently

32 Ibid.
33 Ibid.

available to Long Island vineyards and could be planted to grapes in the future. Presently, there exists numerous large tracts of potential vineyard sites just to the west of the existing AVA boundaries. At least 500 acres are estimated to be available for vineyards in Nassau County, with an additional 1,000 acres and possibly more located in western Suffolk County. [34] As the Long Island wine industry continues to grow while other more traditional forms of agriculture slowly disappear, these areas could become very attractive to the prospective winegrower. Gathering all this information and allowing for adjustments made for development pressure and other future forms of agriculture, it is possible that the Long Island wine industry in both Nassau and Suffolk Counties, could grow to over 15,000 acres by the end of this century.

With the amount of tourism the area is promoting, and the number of summertime visitors, Long Island promises great returns on sales and promotion, as well as a good source of labor. Long Island wineries are also responsible for millions of dollars of Federal and State Excise taxes, as well as county sales tax revenues. Along with these advantages, there is some assistance available from both New York State and from Suffolk County to the prospective Long Island vintner. These include financing and tax abatements, financial assistance on machinery and new building facilities from the Suffolk Industrial Development Agency; New York's Job Development Agency, and the Federal Government's Small Business Administration. Suffolk County's Farm Land Preservation program may also assist the vintner, as well as keeping land available for future vineyard plantings. Also, the Long Island region benefits a great deal from the encouragement of an enthusiastic, progressive local government, which is intensely dedicated to preserving the area's agricultural status.

Long Island and its potential for producing high quality grapes and wine, represents a fantastic opportunity for the prospective vintner. The soil and climate are suited to vinifera grape production like no other area in the East. Great wines have already been consistently produced from red varietals such as Merlot and Cabernet Sauvignon. These red varietals have yet to be grown successfully on a commercial scale elsewhere in the East. Situated only 70 miles from one of the nation's greatest wine markets (New York City) and in the heart of the world's largest consumer market (Eastern Seaboard), Long Island has the potential to become one of the greatest wine regions in the United States. It deserves and needs to have its name and future protected.

Long Island Geology and Soils

The following section is an excerpt from the book: Long Island: Our Story, Newsday, Inc. (1998).

In geological terms, Long Island was born only yesterday. The oversize sandbar called Long Island is only the latest, temporary example of a world that has been continuously reshaped by colliding continents, crumbling mountains, shifting sea level, waves and glaciers. Though Long Island is brand new by the time scale of history, there was a remarkable series of transformations that occurred there over hundreds of millions of years. Long Island was shaped by the great Canadian glaciers that came here at least twice. Thousands of waterfront homes teeter on the edge of disaster because of the erosion and rising sea level that have continued to make Long Island shimmy and shrink ever since the last ice sheet began retreating 22,000 years ago.

The bottom layer of Long Island is bedrock formed from a series of continental collisions that began 450 million years ago. The slab was covered by a thick wedge of sandy sediment deposited over hundreds of millions of years by streams that ran to the coast from the eroding Appalachians. But what finally created Long Island was a glacier. Like a bulldozer pushing together a sand pile, the ice scraped along the top edge of the sandy wedge to form the Island's fish shape.

For hundreds of millions of years, North America was located in the tropics, on or below the equator. The continent was rotated on its side so that the present-day East Coast faced south. Offshore, an arc of volcanic islands that resembled modern-day Japan slowly approached that coastline near the place where Long Island would take shape. That island chain collided with North America about 450 million years ago, and the volcanic rocks were pushed deep into the Earth's crust, where intense heat and pressure hardened them. That super-hard bedrock eventually moved closer to the surface, and today probably lies beneath much of Long Island.

An entire continent, Africa, loomed off the North American coast when the next key event began, roughly 300 million years ago. The two continents slowly ground into each other for the next 100 million years, buckling at their edges and pushing up a vast mountain range, the Appalachians, that was taller than

---

34 Cornell Cooperative Extension, Conversation with William Sanok, January 2000.

the present-day Rockies. Huge rivers swept down from the Appalachians into the swampy deltas of the area. One of those rivers carved the valley that would become Long Island Sound, and they all carried away huge volumes of sediment from the eroding Appalachians. That sand piled up on the eastern flank of the mountain range and gradually formed a thick wedge on top of the older bedrock. That wedge still survives on Long Island, where the porous sand performs the vital job of storing most of our underground water supply.

The Canadian ice sheet probably expanded and receded across the entire northern half of North America at least 16 times, lowering and raising sea level by hundreds of feet with each advance and retreat. Just 22,000 years ago, when the last major glaciation was at its zenith, sea level was more than 300 feet lower than it is now, and the Atlantic shoreline was 80 miles south of present-day Fire Island. Exactly how many times glaciers reached Long Island is uncertain. Most experts say there's no evidence the Island was glaciated more than twice, although some geologists think it happened five times or more. The first ice sheet was here either about 150,000 or 60,000 years ago, and the second 22,000 years ago, according to the majority view. Monumental in size and power, the ice sheets changed everything in the region, and effectively built Long Island.

Like a snowplow, the glacier's leading edge scraped away the sandy deposits of the coastal plain wedge and exposed the bedrock below, which is why so many outcroppings of bedrock are visible today in New England but not Long Island. Spreading south by perhaps one foot per day, the expanding ice sheet not only bulldozed the sandy debris; it also sheared and carried off boulders as it scraped across bedrock. Some smaller rocks were moved more than 250 miles.

Scooping up massive amounts of rock and sand as it moved through Connecticut, the glacier then widened and deepened the ancient river valley that would later become Long Island Sound, and also broadened the narrow stream beds that would become the finger harbors of Long Island's North Shore. The wide valley played another key role: It slowed the advancing ice sheet just before the world's climate grew warm enough to stop the glaciation.

By the time the glacier covered the northern half of Long Island, about 22,000 years ago, its edge was melting as fast as new ice was pushing down from Canada. More than 1,000 miles from where it began in Hudson Bay, the glacier finally stopped. Soon, the melting began to outstrip the production of new

ice, and the ice sheet, began to shrink. In its wake, the retreating glacier left behind a Long Island landscape that it had dramatically transformed. A hilly ridge, or moraine, now marked the line where the ice sheet stopped. Made of bulldozed rock mixed with sand and gravel dumped by streams running down from the melting glacier, that moraine is still visible as Long Island's elevated central spine, which extends from Brooklyn to Amagansett before curving offshore. The offshore portion of that moraine has since been destroyed by ocean erosion but may once have constituted a third East End fork below the present-day Montauk peninsula. The terminal morainal ridges stand out on any good map. An older more southerly moraine is called the Ronkonkoma Moraine which formed during the an early part of the Wisconsin Stage of the Pleistocene Epoch (prior to about 55,000 years ago). The Ronkonkoma Moraine forms most of the low rolling hills along an east-to-west transect generally on the south side of the LIE (Long Island Expressway). The higher, younger, more northerly morainal ridge is called the Harbor Hill Moraine. The Harbor Hill Moraine represents the terminal moraine of the most recent advance of Wisconsin Stage glacier which reached its most southward advance about 18,000 years ago (it was probably completely melted in the NYC area in the range of 13,000 to 12,000 years ago).

The south-flowing icewater streams, including the Connetquot and Carmans Rivers, fed short-lived glacial lakes where icebergs floated. The swollen rivers also shaped fertile flatlands south of the moraine -- most notably the Hempstead Plain, where the soil was rich with wind-blown silt that was also a gift of the glacier, since the fine powder came from rocks ground down by the ice sheet. As it receded slowly, the glacier did more sculpting. Additional hilly moraines formed along the North Shore and North Fork, marking places where the ice sheet paused. Chunks of ice that broke free from the glacier and did not immediately melt formed deep depressions in the soil that later filled in with groundwater. The region's two biggest lakes, Ronkonkoma and Success, and many others, were formed in these ``kettleholes.'' The glacier also left behind thousands of boulders that the ice sheet had sheared off the bedrock farther north and carried to Long Island. That process began roughly 15,000 years ago when the rising sea began entering the valley, probably near Fisher's Island. A few thousand years later, the ocean probably broke through at the valley's western edge. Long Island finally earned its name about 11,000 years ago, or perhaps slightly later, when the rising ocean waters on the eastern and western edges of the ancient river valley finally joined to form Long Island Sound. Long Island's evolution continues today, because storm erosion and the rising sea are still reshaping the Island. [35]

Soils of Long Island

The soils of the Long Island region are unique from those found in other areas in New York State, as well as in the bordering areas of New Jersey and southern Connecticut. These soils include those type and associations that are found within the counties of Nassau and Suffolk. The soils of Queens County, which is geologically still part of Long Island but politically part of New York City, are not included in this discussion as Queens County has been excluded from the proposed AVA for all practical intents as there is no more open farmland available in this area.

One of the most distinctive features of Long Island geology is the vast quantity of sandy loam soil deposited during the Pleistocene Epoch of the Quaternary Period. This soil was deposited during the last 4 major glacial stages of this Epoch. From oldest to youngest they are: Nebraskan, Kansan, Illoian, and Wisconsin. Because of this, the area between the surface soil and bedrock areas is several hundred feet. The nearest surface bedrock only begins where the region of Long Island starts to end.near the Bronx, Queens border. From these areas, the bedrock dips dramatically downward to form a solid basement several hundred feet below Nassau and Suffolk Counties.[36]

Nassau County Soils

The following information is taken from the Soil Survey of Nassau County, NYS Soil Conservation Service, USDA (1987).

Nassau County comprises an area of 182,680 acres or approximately 285.4 square miles. Large tracts of privately held estate land make it difficult to estimate the number of acres available for vineyards, but it is estimated that over 500 acres could be available for wine growing. This figure includes land presently held in private estates, pasture and/or nursery production. Elevation the county ranges from sea level to about 340 feet above sea level near NY route 25. The landforms at the higher elevations were deposited by the last glacier as a terminal moraine. The landscape of Nassau County has changed dramatically over the last 70 years. Extensive housing developments, shopping centers, industrial complexes and business corridors now dominate in areas where there were once vast tracts of farmland. The main

35 Newsday, Inc., Long Island; Our Story, (1998).

relatively undisturbed open areas are in the extreme northern and southern parts of the county. These included privately held horse and vegetable farms, abandoned farms and large estates. The potential available farmland left open for agriculture is estimated to be at least 500 acres.[37]

The soil units making up the area of Nassau County in western Long Island are as follows:

1) Ipswich-Udipsamments

These soils are dominant nearly level, very poorly drained, organic soils and nearly level, moderately well drained to excessively drained course-textured soils on tidal flats. This unit makes up approximately 6.9% of the county. The Ipswich soils are very poorly drained and are in flat areas inundated by salt-water at high tide. Most of the acreage of the Ipswich soils supports a cover of saltwater-tolerant grasses and reeds. The Udipsamments support a combination of brush and drought-tolerant grasses and weeds.[38]

2) Montauk-Enfield

These soils are nearly level to strongly sloping, well-drained, medium textured and moderately coarse textured on knolls and hills. The Montauk soils have a surface layer of dark grayish brown silt loam or fine sandy loam. The subsoil is yellowish brown gravelly loam or sandy loam. The Enfield soils have a surface layer of dark brown silt loam. The subsoil is yellowish brown silt loam.[39]

---

36 Soil Survey of Suffolk County, NYS Soil Conservation Service, USDA (1975).
37 Cornell Cooperative Extension, Nassau County (2000).
38 Soil Survey of Nassau County, NYS Soil Conservation Service, USDA (1987).
39 Ibid.

3) Riverhead-Enfield-Urban Land

These soils are dominantly nearly level to strongly sloping, well-drained, moderately coarse textured and medium textured soils on low hills and ridges. These soils make up about 10 % of the county. The Riverhead soils have a surface layer of brown sandy loam. The subsoil is strong brown or yellowish brown sandy loam. The Enfield soils have a surface layer of dark brown silt loam. The subsoil is yellowish brown silt loam.[40]

4) Riverhead-Plymouth

These soils are dominantly moderately steeped, well drained and excessively drained, moderately coarse textured and coarse textured soils on hillsides. These soils make up about 4.2% of the county and are located mainly near drainageways and hillsides that generally are adjacent to bays and Long Island Sound. The Riverhead soils are well drained and dominantly moderately steep. They have a surface layer of brown sandy loam. The Plymouth soils are excessively drained and are located on hillcrests and steep side slopes. They have a surface layer of light brown loamy sand and subsoil of brown or yellowish brown loamy sand. They are very sandy and frequently require irrigation.[41]

5) Udipsamments-Beaches-Urban Land

These soils are dominantly nearly level or gently sloping excessively drained to moderately well drained, coarse textured soils. Many are located on barrier beaches. These soils make up about 3.5% of the county. The Udipsamment soils are thin, dark and grayish brown, with a surface layer of loamy sand. The beach soils are sandy areas subject to constant wave action mostly from the Atlantic Ocean.[42]

---

40 Ibid.
41 Ibid.
42 Ibid.

6) Hempstead-Urban Land

These soils are nearly level, well drained, medium textured soils on plains. They make up approximately 10 % of the county. The Hempstead soils are in most open parks, lawns and open space areas. The soils have a surface layer of dark brown silt loam. The upper part of the subsoil is dark brown silt loam and the lower part is yellowish brown silt loam.[43]

7) Montauk-Riverhead-Urban Land

These soils are nearly level to strongly sloping, well-drained medium textured and moderately coarse textured soils on low hills. They make up about 9 percent of the county. The Riverhead soils have a surface layer of brown sandy loam with subsoil of strong brown and yellowish brown fine sandy loam. The Montauk soils have a surface layer of dark grayish brown silt loam with subsoil of yellowish brown gravelly loam and sandy loam. Most of this acreage is in urban use.[44]

8) Riverhead –Urban Land

These soils are on dominantly urban land and are nearly level, well drained and moderately coarse textured located on plains. This unit makes up about 20.5 % of the county. The Riverhead soils occupy most of the open land and have a surface layer of brown sandy loam. The subsoil is strong brown and yellowish brown sandy loam.[45]

9) Udipsamments-Sudbury-Urban Land

These soils are dominantly urban land and nearly level, excessively well drained to moderately well drained coarse textured and moderately coarse textured soils on plains. This unit makes up about 11.2 % of the county. The Sudbury soils are moderately well drained and are located in relatively undisturbed areas. They have a surface layer of brown fine sandy loam with a subsoil of yellowish

43 Ibid.
44 Ibid.
45 Ibid.

brown sandy loam and a loamy sand that is mottled in the lower part. Most of this acreage is in urban use.[46]

Nassau County Soil Series

The soils series located within the about soil unit areas of Nassau County on Long Island are listed (with their corresponding soil survey map symbol) as follows:

Atsion Series

Consists of very deep, poorly drained soils that formed in deposits of deep glacial outwash. Slopes range from 0-2%.

Berryland Series

Consists of very deep, very poorly drained soils formed in deposits of sandy glacial outwash. The soils are in drainageways and swampy areas that are wet or waterlogged most of the year.

Enfield Series

Consists of very deep, well-drained soils that formed in a mantle of eolian or water-laid deposits that overlie deposits of gravel and sand. These silts are on side slopes and tops of outwash plains. Slopes range from 0-8%.

Freetown Series

Consists of very deep, very poorly drained soils that formed in deposits of well-decomposed organic material. Freetown soils are in broad depressions. Slope is less than 1%.

Hempstead Series

Consist of very deep, well-drained soils on outwash plains. The soils formed I a loamy mantle overlying stratified sand and gravel. Slope is from 0-3%.

46 Ibid.

Ipswich Series

Consists of very deep, very poorly drained soils formed in partially decomposed organic material from salt-tolerant plants. These soils are in tidal marshes near the ocean. Slope is 0-1%.

Manahawkin Series

Consists of very deep, very poorly drained soils formed in organic deposits overlying sandy mineral material. These soils are located on broad depressions and in basin-like swamps.

Matunuck Series

Consist of very deep, very poorly drained soils that have a thin organic mantle overlying thick sandy deposits. These soils are near the ocean tidal marshes.

Mineola Series

Consist of very deep, moderately well drained soils on outwash plains. The soils are formed in a thin loamy mantle overlying stratified sand and gravel. Slopes range from 0-3%. [47]

Montauk Series

Consist of very deep, well-drained soils on upland hills and ridges. These soils formed in loamy glacial till that is more compact than nearby glacial outwash deposits.

Pawcatuck Series

Consist of very deep, very poorly drained soils that formed in partially decomposed organic deposits derived from salt-tolerant plants. These soils are in tidal marshes. Slope is less than 1%.

Plymouth Series

Consist of very deep, excessively drained soils that formed in sandy glacial outwash deposits. The Plymouth soils are on outwash plains and low morainic hills and ridges.

Riverhead Series

Consist of very deep, well-drained soils that formed in glacial outwash deposits. The soils are on crests and side slopes of low morainic hills and on the tops and sides of outwash plains. Slope ranges from 0-35%.

Scio Series

Consist of very deep, moderately well drained soils that formed in deposits with a large amount of silt or very fine sand. These soils are in basins that contained preglacial lakes. Slope ranges from 0-8%.

Sudbury Series

Consist of very deep, moderately well drained soils on outwash plains. The soils formed in a thin loamy mantle and underlying deposits of sand and gravel outwash. Slope ranges from 0-3%.

Udifluvents

Consist of very deep, well-drained and moderately well drained soils that formed in recent alluvium. They are located on flood plains along the larger drainage channels, most of which drain toward the north shore. Slope ranges from 0-3%.[48]

Udipsamments

Consist of very deep, excessively drained to moderately well drained acid soils. The soils are mostly loamy sand or sand and are commonly in areas of manmade cuts or fills. Slope ranges from 0-60%.

Wallington Series

Consist of very deep, somewhat poorly drained soils formed in water-laid deposits that have a high content of silt and very fine sand. The soils are in basins in small lake plains. Slope ranges from 0-3%.

---

48 Ibid.

Walpole Series

Consist of very deep, poorly drained and somewhat poorly drained soils on low outwash plains. These sols formed in a thin loamy mantle overlying water-deposited layers of sand and gravel. Slope ranges from 0-2%.

Soil Types and their Symbols in Nassau County [49]

At – Atison loamy sand	- very deep and nearly level and poorly drained
Bc – Beaches	- strips of nearly level or sloping sand and gravel
Bd – Berryland mucky loamy sand	- very deep, nearly level and very poorly drained
Du – Duneland-Udipsamment	- mounds and knolls of wind-deposited sand
EnA –Enfield Silt Loam	- very deep, nearly level and well drained 0-3% slope
EnB – Enfield Silt Loam	- very deep gently sloping well drained 3-8% slope
Fr – Freetown muck	- very deep, level and very poorly drained
He – Hempstead silt loam	- deep and well drained, black silt loam
Ip – Ipswich mucky peat	- very poorly drained near tidal areas
Ma – Manahawkin muck	- very deep and poorly drained, dark gray muck
Mc – Matunuck mucky peat	- very deep and poorly drained in tidal areas
MfA – Montauk fine sandy loam	- very deep nearly level fine sandy loam 0-3% slope
MfB – Montauk fine sandy loam	- very deep gently sloping fine sandy loam 3-8% slope
MfC – Montauk fine sandy loam	- very deep strongly sloping sandy loam 8-15% slope
MfD – Montauk fine sandy loam	- very deep moderately steep dark gray loam 15-25% slope
MkA – Montauk silt loam	- very deep nearly level brown silt loam 0-3% slope
MkB – Montauk silt loam	- very deep gently sloping brown silt loam 3-8% slope
Pa- Pawcatuck mucky peat	- poorly drained muck near tidal marshes
PiB- Plymouth loamy sand	- deep and excessively drained 3-8% slope
PiC – Plymouth loamy sand	- deep strongly sloping loamy sand 8-15% slope
PrD Plymouth –Riverhead complex	- very deep and steep soils 15-35% slope
RdA – Riverhead sandy loam	- very deep nearly level sandy loam 0-3% slope
RdB – Riverhead sandy loam	- very deep gently sloping 3-8% slope
RdC – Riverhead sandy loam	- very deep well drained sandy loam 8-15% slope

RdD – Riverhead sandy loam	- very deep, moderately y steep sandy loam 15-25% slope
Sc – Scio silt loam	- very deep nearly level dark gray loam 0-3% slope
SdA – Scio silt loam	- very deep nearly level silt loam 0-3% slope
SdB – Scio silt loam	- very deep and well drained silt loam 3-8% slope
Su – Sudbury sandy loam	- very deep and well drained silt loam near drainageways
UdA – Udipsammanets, nearly level	- manmade fills and borrow areas mostly grass covered
Uh – Urban land-Hempstead	- black silt loam mostly in urban areas
Um – Urban land Mineola	- black silt loam mostly urban areas
Wa – Wallington silt loam	- very deep poorly drained grayish brown loam
Wd – Walpole fine sandy loam	- very deep nearly level dark gray brown sandy loam[50]

Suffolk County Soils

The following information was taken from the Soil Survey of Suffolk County, NYS Soil Conservation Service, USDA (1975).

Suffolk County occupies an area of approximately 566,466 acres or about 885.1 square miles. [51] The county is approximately 86 miles long and 21 miles wide at its widest point. Presently Suffolk is the leading agricultural county in New York, based on the wholesale value of crops, with over 30,000 acres of farmland currently under cultivation. It is also estimated that an additional 5,858 acres of open and/or privately held estate land could also be used for agricultural production. The soils of Suffolk County were formed in the same way as those of Nassau County – from mineral materials, most of, which were deposited as a result of glaciation during the Wisconsin Age.

The mineral materials are derived mainly from granite and are largely quartz sand. Most of the material carried by the glaciers were sand and well-rounded gravel, which was redeposited on a broad plain in front of the terminal moraine. These stratified sand and gravel deposits make up the substratum of most of the soils in the county. The lightest soils are located at the extreme north and south borders near the Long Island Sound and the Atlantic Ocean respectively. The heaviest soils in Suffolk County as is also

---

49 Ibid.
50 Ibid.
51 Long Island Business News, 1999 Long Island Almanac, (33rd ed.).

the case with Nassau, are located in the southern areas, and run in an east-west direction. The northern areas of Suffolk has soils that contain less silt and more sand in the loam complex. This difference is seen distinctly where the North and South Forks split at Riverhead. As outlined in the previous 2 AVA's of Long Island, the soils of the North Fork are lighter, more well-drained and require more irrigation than do the heavier soils of the South Fork which contain higher levels of silt and clay. Except for this difference, the soils of Long Island are fairly uniform in that they are predominately glacial till and glacial outwash in nature, are very low in organic matter and contain few if any large mineral deposits or exposed rock formations.

Suffolk Soil Associations

1) Carver-Plymouth-Riverhead Association

These soils make up 11 % of the county and are deep, rolling excessively well drained and well drained, coarse textured and moderately coarse textured located on moraines.

2) Haven-Riverhead Association

These soils make up 26% of the county and consist of deep, nearly level to genbtly sloping areas, well-drained, medium textured and moderately coarse textured soils on outwash plains.

3) Plymouth-Carver Association, Rolling and Hilly

This association makes up 19% of the county and consist s of deep, excessively drained, coarse-textured soils on moraines

4) Riverhead-Plymouth-Carver Association

This association makes up 21% of the county and consist of deep, nearly level to gently sloping areas, well-drained and excessively well-drained, moderately coarse textured and coarse textured soils on southern outwash plains

5) Dune land-Tidal marsh-Beaches Association

This association makes up 4 % of the county and consists of sand dunes, tidal marshes and beaches of the barrier beach and south shore

6) Bridgehampton-Haven Association

This association makes up 5 % of the county and consists of deep, nearly level to gently sloping areas, well-drained to moderately well-drained, medium textured soils on outwash plains 52

7) Montauk-Haven-Riverhead Association

This association makes up 5 % of the county and consists of deep, nearly level to strongly sloping, well-drained to moderately well-drained, moderately coarse textured and medium-textured soils on moraines

8) Montauk, sandy variant-Plymouth Association

This association makes up 3 % of the county and consists of deep, rolling and hilly areas, excessively drained; coarse textured soils located on moraines.

9) **Montauk-Montauk, sandy variant-Bridgehampton Association**

This association makes up only 1 % of the county and consists of deep, rolling And hilly areas, excessively drained and moderately well drained to well drained, Medium textured to coarse-textured soils on moraines.

10) Plymouth-Carver Association, Nearly Level and Undulating

This association makes up 5 % of the county and consists of deep, excessively drained; coarse textured soils on outwash plains.[53]

Suffolk County Soil Series [54]

The soils series located within the about soil unit areas of Suffolk County on Long Island are listed (with their corresponding soil survey map symbol) as follows:

Atison Series

Consist of deep, level, somewhat poorly drained coarse textured soils formed in deep sandy outwash deposits. Located on plains adjacent to ponds, creeks and tidal areas.

Berryland Series

Consist of deep, very poorly drained coarse textured soils formed in deep sandy outwash deposits.

Bridgehampton Series

Consist of deep, well drained to moderately well drained medium textured soils that formed in thick silt deposits over coarse sand and gravel. Slope is 0-12%.

Canadice Series

Consist of deep, nearly level, poorly drained soils that have a medium textured surface layer and moderately fine textured subsoil. They have a high seasonal water table.

Carver Series

Consist of deep, excessively drained coarse-textured soils, nearly level to steep on rolling moraines and broad outwash plains. Slope ranges from 0-35%.

---

52 Soil Survey of Suffolk County, NYS Soil Conservation Service, USDA (1975).
53 Ibid.
54 Ibid.

Deerfield Series

Consist of deep, moderately well drained coarse textured soils that formed in sand or loamy sand materials over deep layers of sand or gravel. Primarily an outwash plain.

Haven Series

Consist of deep, well-drained medium textured soils that formed in a loamy or silty mantle over stratified sand and gravel. Slopes range from 0-12%.

Montauk Series

Consist of deep, well drained to moderately well drained soils that formed in fine sandy loam or in a mantle of silt and loam. They are on terminal moraines and slope ranges from 0-15%.

Plymouth Series

Consist of deep, excessively well drained coarse textured soils formed in a mantle of loamy sand over thick; layers of sand and gravel. They have very low available moisture and frequently require irrigation.[55]

Raynham Series

Consist of deep, poorly drained to somewhat poorly drained medium textured soils that formed in loam, very fine sandy loam or silt loam. Found around tidal marshes and creeks of the south shore.

Riverhead Series

Consist of very deep, well-drained soils that formed in glacial outwash deposits. The soils are on crests and side slopes of low morainic hills and on the tops and sides of outwash plains. Slope ranges from 0-35%.

Scio Series

Consist of very deep, moderately well drained soils that formed in deposits with a large amount of silt or very fine sand. These soils are in basins that contained preglacial lakes. Slope ranges from 0-8%.

Sudbury Series

Consist of very deep, moderately well drained soils on outwash plains. The soils formed in a thin loamy mantle and underlying deposits of sand and gravel outwash. Slope ranges from 0-3%.

Wallington Series

Consist of very deep, somewhat poorly drained soils formed in water-laid deposits that have a high content of silt and very fine sand. The soils are in basins in small lake plains. Slope ranges from 0-3%.

Walpole Series

Consist of very deep, poorly drained and somewhat poorly drained soils on low outwash plains. These sols formed in a thin loamy mantle overlying water-deposited layers of sand and gravel. Slope ranges from 0-2%.

Wareham Series

Consist of deep, somewhat poorly drained coarse textured soils. Found around tidal marshes and creeks along the south shore

Whitman Series

Consist of deep, very poorly drained moderately coarse textured soils that contain a fragipan at a depth of 10-20 inches. These soils are found at Montauk Point.[56]

---

55 Ibid.
56 Ibid.

Soil Types and their Symbols in Suffolk County [57]

At - Atison sand

Bc - Beaches

Bd - Berryland Mucky sand

BgA - Bridgehampton silt loam, 0-2% slope

BgB - Bridgehampton silt loam, 2-6% slope

BhB - Bridgehampton silt loam, till substratum 2-6% slope

BhC - Bridgehampton silt loam, till substratum 6-12% slope

Bm - Bridgehampton silt loam, graded

Ca - Canadice silt loam

CpA - Carver and Plymouth sands, 0-3% slopes

CpC - Carver and Plymouth sands, 3-15% slope

CpE - Carver and Plymouth sands, 15-35% slope

CuB - Cut and fill land gently sloping

CuC - Cut and fill land sloping

CuE - Cut and fill land steep

De - Deerfield sand

Du - Dune land

Es - Escarpments

Fd - Fill land, dredged Material

Fs - Fill land sandy

HaA - Haven loam 0-2% slopes

HaB - Haven loam 2-6% slopes

HaC - Haven loam 6-12% slopes

He - Haven loam thick surface layer

MfA - Montauk fine sandy loam, 0-3% slopes

MfB - Montauk fine sandy loam, 3-8% slopes

MfC - Montauk fine sandy loam 8-15% slopes

MkA - Montauk silt loam 0-3% slopes

---

57 Ibid.

MkB - Montauk silt loam 3-8% slopes

MkC - Montauk silt loam 8-15% slopes

MIB - Montauk soils graded 0-8% slopes

MIC - Montauk sols graded 8-15% slopes

MnA - Montauk loamy sand, sandy variant, 0-3% slopes

MnB - Montauk loamy sand, sandy variant 3-8% slopes

MnC – Montauk loamy sand, sandy variant, 8-15% slopes

MnE - Montauk loamy sand, sandy variant 15-35% slopes

Mu - Muck

PIA - Plymouth loamy sand, 0-3% slopes

PIB - Plymouth loamy sand, 3-8% slopes

PIC - Plymouth loamy sand, 8-15% slopes

PmB3 Plymouth gravelly loamy sand, 3-8% slopes eroded

PmC3 Plymouth gravelly loamy sand, 8-15% slopes, eroded

PsA - Plymouth loamy sand, silt substratum, 0-3% slopes

PsB - Plymouth loamy sand, silty substratum, 3-8% slopes.

Ra - Raynham loam

Rc - Recharge basin

RdA - Riverhead sandy loam, 0-3% slopes

RdB - Riverhead sandy loam 3-8% slopes

RdC - Riverhead sandy loam 8-15% slopes

ReB – Riverhead very stony sandy loam, 3-8% slopes

ReC - Riverhead very stony sandy loam 8-15% slopes

RhB - Riverhead and Haven soils, 0-8% slopes

RhC - Riverhead and haven soils 8-15% slopes

RpE - Riverhead and Plymouth soils graded, 15-35% slopes

ScB – Scio silt loam, till substratum, 2-6% slopes

SdA – Scio silt loam, sandy substratum, 0-2% slopes

SdB - Scio silt loam, sandy substratum, 2-6% slopes

Su - Sudbury sandy loam

Tm - Tidal Marsh

Ur - Urban Land

Wa - Wallington silt loam, till substratum

Wd - Walpole sandy loam

We - Wareham loamy sand

Wh - Whitman sandy loam [58]

The soils of the Long Island region share a common origin. This is evident in the fact that many of the soil series including the Wallington, Sudbury, Scio, Montauk, Plymouth and Riverhead Soil Series are common both in Nassau and Suffolk Counties. [59] The soils are all glacial in origin, having been deposited relatively recently in geologic terms. It is well understood by many in various agricultural fields, that Long Island contains some of the finest soil to be found anywhere in the world. It is also clear by the types of agriculture present, that these soils do not exist in the areas immediately removed from Long Island. As the following information will show, the origin of Long Island is completely unique and its geologic history quite different from the areas bordering it.

Geology of Surrounding Areas

The following information was provided by the Brooklyn College Dept. of Geology (2000) and Hunter College Dept.of Geography (2000).

The Highland Basin

The Highland Region is the area located immediately to the west-northwest of Long Island and encompasses the areas of northern New Jersey, the Hudson Highlands region of southern New York (including Manhattan, Westchester, the Bronx, and parts of Brooklyn and Staten Island), and upland parts of Connecticut. The region is a rugged, hilly to mountainous terrain, bearing the characteristic scars of Pleistocene glaciation. The rocky outcrops visible on hillsides and along stream banks consist mostly of ancient gneiss and schist (highly metamorphosed sedimentary and igneous rocks) that were once buried many miles below the earth's surface. [60]

---

58 Ibid.

59 Ibid.

60 Brooklyn College, Dept. of Geology - http://geography.hunter.cuny.edu/bight/highland (2000).

Current understanding is that the age of the earth is about 4.6 billion years old, with the oldest known rocks on Earth's surface dated at about 3.8 billion years. [61] *The oldest rocks in the New York Bight region are found in surface outcrops throughout the Highlands region. These exposures of Precambrian rock have been estimated at 1.3 to 1.1 billion years old.* [62] *These rocks underlie younger rocks throughout much of the area, and have undergone a high degree of alteration since their formation. The early stages of alteration occurred in a mountain-building episode that affected the entire eastern margin of North America. This mountain-building episode is collectively known as the Grenville Orogeny, which ended roughly a billion years ago. During this period older rocks and sediments were subjected to deep burial and metamorphic alteration.*

A long period of uplift and erosion followed the Grenville Orogeny; later periods of mountain building related to the formation of the Appalachian Mountains also contributed to the alteration and tectonic deformation of these rocks.

Before and during this orogeny, sedimentary deposits formed on the margins of both the North American continent, and within an intervening deep marine basin. Today, these sedimentary rocks form the core of the Taconic Mountains (east of the Hudson River, generally north of the Tappan Zee Bridge). As with most mountain-building episodes vulcanism occurred concurrently with tectonism. Igneous deposits occurred throughout the New England region. Heat and pressure associated with deep burial and tectonics converted sedimentary and igneous rocks to metamorphic rocks (marble, quartzite, phyllite, schist, and gneiss). [63]

A second event, the Acadian Orogeny, began in early Devonian time (about 410 million years ago) and ended at the beginning of Mississippian time (about 350 million years ago). [64] *This orogeny is also associated with the collision and accretion of a smaller landmass (the Avalon Terrane) in the northern New England region, however, tectonic deformation associated with this event (particularly faulting and folding) affected much of the entire New York Bight region. A final mountain building episode, called the Appalachian Orogeny, began about 310 million years ago, and was the result of continental collision between North America and Africa. This resulted in partial formation of the supercontinent*

---

61 Ibid.
62 Ibid.
63 Ibid.
64 Ibid.

Pangaea.[65] *The Appalachian Orogeny (or Alleghany Orogeny) is responsible for the formation of the folded and faulted mountain belt that extends from southern New York southward into Alabama and beyond. The orogeny ended during the Permian Period (about 250 million years ago). The Appalachian mountain building event created a vast mountain range and further deformed and metamorphosed rocks previously altered by earlier mountain building episodes. Cambrian, Ordovician, and Silurian ages are represented.* [66]

The Newark Basin and Atlantic Basin

The Newark Basin and Atlantic Basin are the regions located directly to the northeast and south west of the Long Island region. The Newark Basin (New Jersey and Pennsylvania) and the Connecticut River Basin are both "aborted rift" basins (basins that are no longer actively widening via rift-style tectonism). Both basins contain characteristic sedimentary sandstones and mudrocks that usually bear a red or brownish appearance from an abundance of iron oxide minerals (hematite and limonite). Fossils are not abundant, but early Mesozoic dinosaur skeletons and trackways have been found. Freshwater shell material and poorly preserved fish and plant remains are also found in some areas. All of these geologic formations are nowhere to be found in the Long Island region.[67]

Both the Newark and Connecticut River basins contain "traprocks." Traprocks are mineral-rich volcanic rocks. Their resistance to erosion (relative to the surrounding sandstone and shale) produces elevated regions above the surrounding terrain. They form the core of gently dipping cuestas throughout the Mesozoic basins along the Atlantic Margin. The volcanic rocks formed in three ways:

- *1. The igneous material intruded upward between sedimentary layers forming sills and stocks, cooling in the subsurface. The classic example of a volcanic sill is the Palisades along the western side of the Hudson River.*

- *2. The volcanic material extruded on the surface as surface flows. Most of the Watchung Mountains throughout central New Jersey are examples of extrusive igneous rocks, displaying*

65 Ibid.
66 Ibid.
67 Hunter College. Dept. of Geography - http://geography.hunter.cuny.edu/bight/newark (2000).

characteristic columnar jointing and stacked lava flows.

- *3. The volcanic material erupted beneath the surface of a lake or inland sea flooding the basin area. The lava spread as submerged flows, chilling quickly when in contact with water forming "pillows" and complex flow structures, similar to submarine flows on Hawaiian volcanos or along mid-ocean spreading centers. Examples of pillow lava flows include parts of the Watchungs, particularly in the vicinity of Paterson and Morristown, New Jersey.* [68]

Through Triassic into early Jurassic time sediments accumulated in the broad Newark rift valley, burying the broken and eroded surface of the Piedmont region. Along the western side of the Newark Basin a great fault system marks the western side of this ancient valley/basin. The largest of these, the Ramapo Fault, forms the western edge of the Newark Basin trending northeastward across northern New Jersey into New York. This fault is responsible for the separation between the sedimentary terrain of the Newark Basin and the ancient rocks that rise on the western side of the fault in the Atlantic Highland. While the Newark Basin was forming sediments were carried into the valley by streams (possibly intermittent streams during times of desert-like climate conditions). The sediments were deposited on alluvial fans and on shallow water deltas the spread from the surrounding upland areas into lakes that grew and shrank with changing climatic conditions. Volcanism occurred intermittently, both as intrusions in the subsurface and flows on the surface. Through time sediments accumulated to great depths. Today as much as 11,000 feet (or more) of sedimentary rock and volcanic material of Newark Basin probably exists beneath the western side of the basin. [69]

Whereas the Newark Basin rift system became inactive in Jurassic time, the Atlantic Basin continued to grow wider, eventually becoming the Ocean Basin as it exits today. In the early stages of marine flooding in Latest Triassic time the Atlantic Basin was probably similar to the modern Red Sea. The margin of the widening ocean basin probably developed large fringing reefs. However, as the region began to become more humid from the influence of the widening ocean basin, and as river systems began to develop along the coastal margin, the reefs eventually were smothered by an ever-increasing supply of sediment. Today the Baltimore Canyon Trough, a great sedimentary basin that parallels the trend of the continental shelf. The Jurassic reefs existed along the ancient continental shelf, the edge of

---

68 Ibid.
69 Ibid.

the North American continental block adjacent to the deeper water of the Atlantic Ocean region. The reef is currently buried beneath many thousands of feet of Cretaceous, Tertiary, and Quaternary sediments. [70]

The ridges of resistant volcanic rock of the Palisades and the Watchung Mountains display steep cliffs on their eastern flanks and gentle slopes on their western flanks. This is an indication of the gentle dipping character of the strata towards the deeper western side of the basin. When the sediments were originally deposited there were probably very nearly flat-lying. The structural dip of the rock probably developed through time as the basin continued to grow with the passage of time, even long after the youngest sediments of the basin were deposited. Mesozoic basins exist all along the eastern margin of North America. They may have been continuous or intermittently connected through time, similar to the basins in the Great Basin region of the western United States, however, late Mesozoic and younger structural changes and erosion has stripped away much of these deposits. The Newark and Connecticut River basins were probably part of the same large structural and sedimentary basin. [71]

Clearly from the information understood in the formation of these regions, the areas to the north, west and south of Long Island were formed and developed through geologic processes that were far different from those that existed on, and gave birth to, the region of Long Island. [72]

---

70 Ibid.
71 Ibid.
72 Ibid.

Soils of Surrounding Areas

Queens

The soils of Queens County, which directly borders the proposed Long Island AVA, are similar in type and series to those of western Nassau County, although it is in this area where the soils begin to become distinct. The area of bedrock under the subsurface becomes much closer to the surface. [73] This is evident in the larger rock formations, which are visible to the naked eye in many areas of Queens, but seen very rarely in Nassau and Suffolk Counties. Eventually, the soils become completely dissimilar as Queens drops off into the East River, where the areas of the Highland and Newark Basins all merge. The area of the tall, rocky Palisades cliffs, seen from the George Washington Bridge, is testament enough to the vast difference between this area and the rest of Long Island. Most of this discussion is however mute, as the region of Queens County (part of New York City) is completely urbanized and contains little if not any agricultural land. Agriculture is any form in Queens, is sadly a relic of the past; there is no prospect for any viticultural industry in this region. For all of the above reasons, this is the logical and most practical boundary for the Long Island AVA.

Soils of New Jersey

The following information was provided by the New Jersey Geological Survey (2000).

Broadly defined, all of New Jersey's soils are podzolic soils; that is, they are acidic and contain fairly high amounts of iron oxides. The soils in northern New Jersey are irregular in quality and contain rock fragments and small stones deposited by the continental glaciers of the last Ice Age. The soils of the inner coastal plain, unaffected by glaciation, are the richest in the state, while those of the outer coastal plain are generally infertile. The newer soil classification system developed by the United States Department of Agriculture describes the state's Appalachian areas as inceptisols, while the coastal plain is characterized as ultisols, common to the Southeast United States. [74]

Many New Jersey soils, especially those in the northern region, have a close conformity to the underlying bedrock. Unlike Long Island soils, many of the soils of New Jersey were not entirely formed

---

73 Soil Survey of Nassau County, NYS Soil Conservation Service, USDA, (1987).
74 New Jersey Geological Survey http://www.state.nj.us/dep/njgs (2000).

from the movement of outside forces (re: glaciation). Glacial soils do predominate in many areas of the state, especially in the southern sections. Age of the glacial deposits are different from Long Island, particularly as limestone is widely prevalent, having been leached to depths of 2-3 feet. When limestone is preserved within the upper 2-3 feet of soil, it has a direct effect on the silt as well as the plants growing in them. [75]

In the areas closest to Long Island in northern New Jersey, the soils show closer association with the underlying bedrock material and less association to glacial activity. For example, on the slate shale ridges, drift is comprised mainly of slately shale, and on red sandstone ridges it is of mainly red sandstone. Both of these minerals are not commonly found on Long Island. In valley areas, there is a tendency to have a mixture of materials derived from many kinds of rocks with stratified deposits.

The Passaic Basin is a low-lying area with rises of trap-rock and shale, with most of the soils tending to be wet and poorly drained. Moving south to Cape May, the soils of New Jersey tend to become more sandy loam and moderately to very well drained. Throughout the state however, there is a distinct difference between parent rock materials found there as compared to Long Island. The predominance of shale, slate and most particularly limestone highlight the major geologic difference between Long Island and New Jersey. This difference in parent material causes many of the New Jersey soils to be substantially more calcareous in nature, hence having a higher soil pH than Long Island soils. This geology also carried through to the areas of the Highland Basin in Westchester County, The Bronx and Yonkers, NY. The dominant character of these soils is not so much of glacial movement and formation as it as sedimentary upheaval and tectonic movement.

---

75 Rutgers University, New Jersey Soils, New Jersey Agricultural Experiment Station, Circular 601, (2000).

Soil Groups of New Jersey [76]

The following notes give some indication of the nature of the Soil Groups of New Jersey and how they differ from their Long Island counter-parts:

Name	Surface Texture	Geologic Materials
1) Wallpack	Loams and stony loams	gray sandstone till; calcareous
2) Cattaraugus-wartswood	Sandy loam; stony sandy loam	Red/gray acid sandstone
3) Nassau-Dutchess	Loams and slaty loams	Gray acid, slaty-shale
4) Palmyra-Squires	Loam	Glacial drift high limestone
5) Rockaway	Sandy loam and stony areas	Glacial – crystalline rocks
6) Wethersfield	Loams	Acid red shale and sandstone
7) Holyoke	Silt loam and stony loam	Glacial till in dark crystalline rock
8) Muck	Organic	underlain by glacial deposits
9) Whippany	Silt loams to fine sandy loam	Acid, glacio-lacustrine outwash
10) Dunellen	Sandy Loam	Glacial outwash red shales
11) Annandale	Loam and stony loam	Acid glacial till
12) Washington	Loam and silt loam	Calcareous glacial drift
13) Norton	Loam and silt loam	Red acid shale and limestone
14) Penn	Loam and silt loam	Red shale and sandstone
15) Montalto	Silt loam and stony silt loam	Dark crystalline rock
16) Lansdale	Loams	Gray acid sandstone
17) Croton	Silt loam	Gray argillite and shale
18) Sassafras	Sandy loams/loams	Acid sandy textured deposits
19) Sassafras/Hammonton	Loamy sands	acid, coarse marine sands

76 Ibid.

20) Sassafras/Cape May	Loamy sands and sandy loams	Coarse acid marine sands
21) Sassafras-Keyport	Sandy loams and silt clay loams	Acid sands and clays
22) Aura	Silt loam to fine sandy loam	Acid glacio-fluvial marine deposits
23) Greenwich	Fine sandy loam to silt loam	Acid glacio-fluvial marine deposits
24) Freehold-Collington	Loam and sandy loam	Acid marine sands
25) Lakewood	Sands	Very coarse marine deposits
26) St. Johns	Sand	Coarse acid sands
27) Colts Neck	Loam to sandy loam	Reddish iron-stained sands
28) Tidal Marshes	Organic [77]	

Although the state of New Jersey shares some common glacial history with Long Island, it is clear from the data presented that the soil and geology of New Jersey is quite different from that of the region of Long Island. None of the soil types found on Long Island are found anywhere in New Jersey. The geologic history of the soil formation of New Jersey also differs in many ways from Long Island, most particularly in the degree of sedimentary rock and volcanic activity, which was not ever part of the geologic history of Long Island. Although some glacial soils are found in New Jersey, they are often layered over large bedrock areas and are often calcareous in nature – also differing greatly from the soils of Long Island.

---

77 Ibid.

Westchester County and Upstate New York Geology

As described earlier, the area of Westchester County is located in the Highland Basin region of southern New York and is the area nearest Long Island with the exception of New York City.

The following is an excerpt from , A Guide to the Geology of Westchester County, NY, SUNY Purchase, (1991).

The geologic history of Westchester County is largely the geologic history of the Manhattan Prong, which extends from New England through Westchester to the southern tip of Manhattan. The landscape and rock types of this region are a result of complex geologic processes that began more than 1.3 billion years ago and continue today. Rocks exposed in Westchester record at least three episodes of mountain building and two major periods of volcanic activity. Millions of years of continuing erosion by water, wind and ice extensively eroded each mountain range, so that only the deep roots of these mountains now remain. The hills and hollows of Westchester are largely a result of the rocks that underlie them. These rock formations are known as the New York City Series. The higher ground is composed of the Fordham Gneiss and the Manhattan Schist, both highly resistant to erosion. Inwood marble underlies many of the valleys, now occupied by our small rivers including much of the Croton, Bronx and Saw Mill rivers. These valleys made excellent locations for the dams built in the last century to impound fresh water for the growing city of New York. Even the island of Manhattan owes its isolation to the low resistance of the Inwood Marble. The oldest rock unit in the Manhattan Prong is the Fordham Gneiss, named after its type locality in the Fordham Heights section of the Bronx. Directly to the north of Westchester lies the Taconic Mountain area.[78]

The Taconic Mountains are located east of the Hudson River Valley and are huge slices of crust that were thrust into that area from the east. The earth's crust in this region was "telescoped" when a volcanic island arc collided with the edge of the continent, causing the Taconian orogeny. This collision compressed the layered rock and sediment of the intervening sea, thrusting them westward onto the continent as huge, stacked -slices. The slices, which generally dipped east in a shingled arrangement, were contorted considerably in the process. When completed, the stack extended from New England past

78 McGuire, Thomas, A Guide to the Geology of Westchester County, NY, SUNY Purchase, (1991).

the western edge of the Hudson Valley. In the Catskill Mountains, the western edge of this transported rock remains buried beneath Devonian rock. Erosion has reduced the original thrust sheets to patches, creating windows to the rock beneath. From the map enclosed, one can see the difference in the amount of Tectonic activity in upper New York State, versus virtually no tectonic activity at all on Long Island and in northern New Jersey.[79]

The northeastern United States has undergone more violent tectonic events over a longer period of time than any other region of the country. The basement rocks in this region record a long, complex Proterozoic history beginning with crustal stretching, ocean formation and marine sedimentation about 1.3 billion years ago and ending with the Grenville orogeny about 1.0 billion years ago. Erosion followed for a very long period; then a sequence of plate tectonic events began that was to add considerable territory to North America. Major events were the Taconian orogeny, caused by a collision with a volcanic island arc 460-440 m.y. (million years) ago; the Acadian orogeny, caused by a collision with a microcontinent called Avalon 410-380 m.y. ago; and the Alleghanian orogeny, caused by a collision with West Africa 330-250 m.y. ago. [80] *At this point, the earth's continents were assembled as a supercontinent, Pangea. About 220 m.y. ago, a stretching event began that split Pangea and eventually formed the Atlantic Ocean, which is still growing as the modem continents continue to separate. All of this activity occurred millions of years before the formation of Long Island. It is one of the reasons that few if any fossils are found in the Long Island region.* [81]

Upper New York State soils are formed from much older parent material and are usually heavier in clay and silt and reside over large areas of bedrock. It is also quite common for tile and other artificial drainage mechanisms to be utilized for agriculture in Upstate New York: this type of drainage problem is non-existent on Long Island.[82]

---

79 Ibid.
80 Ibid.
81 Ibid.
82 Ibid.

Soils and Soil Groups of Westchester and Upstate New York

Since all of the soil groups and series found in New York State would be too numerous to mention, a general list of many of the soils found in Upstate New York is provided below. Most of these soils contain large amounts of clay and silt and are substantially heavier than their Long Island counter-parts. They are also typically higher in pH, containing greater amounts of limestone than the soils of Long Island. These soils include the following subgroups and their descriptions.

Soil types and series found in Westchester County include the following: [83]
Brookfield, Chatfield, Charlton, Narragansett, Paxton, and Hollis.

Five soil management groups are currently being used for fertility and management recommendations in New York. The five groups are classified according to the texture of the surface and the subsoil. The groups are then subdivided on the basis of the parent material.
The following information is from the Cornell Cooperative Extension website (2000).

Soil Management Group I

The soils of management group I are medium- to fine-textured soils developed from lake sediments. They are heavy-textured, generally wet soils formed from lake or marine sediments deposited in glacial lakes. They are characterized by a very slowly permeable subsurface of silty clay to clay. This group is divided into two subgroups:

Subgroup IA

Fine-textured soils developed from clayey lake sediments. These are the heavy, generally wet soils formed from lake or marine sediments with silty clay loam to clay surfaces over heavier silty clay to clay subsoils. They contain little or no sand or gravel. The slope is generally level or nearly level, and the topography is level to undulating. The very slowly permeable profile and nearly level slopes make soil drainage and water management difficult but very important. Land smoothing and open ditches with good outlets are recommended. Cultural practices such as fall plowing, the incorporation of organic matter, and timely fitting operations at proper moisture conditions should be used to maintain good soil tilth and to obtain near-optimal crop yields.

*Examples of group IA clayey soils are the moderately well drained **Vergennes**, the somewhat poorly drained **Kingsbury**, and the very poorly drained **Livingston** soils. Large acreages of this group occur in northern New York with limited acres in eastern New York and the Hudson Valley.* [84]

Subgroup IB

Medium- to fine-textured soils developed from lake sediments. These soils are formed from glacial lake or marine deposits and have a permeable, very fine sandy loam, silt loam, or silty clay loam surface over a more slowly permeable, heavy silty clay loam to clay subsurface. They differ from subgroup IA because they have a more sandy surface and usually more permeable subsoil. They generally occur on nearly level to gently sloping or rolling landscapes of the lower elevations near the lakes and along the Hudson River. The more rolling landscape makes surface water control and drainage easier than on nearly level areas, but it increases the erosion hazard. Water control is important in managing these soils for crop production. [85]

*The **Hudson**, **Odessa**, and **Schoharie** series are examples of the well-drained and moderately well drained soils of the group. Other examples are the somewhat poorly and poorly drained **Caneadea**, **Canadice**, and **Rhinebeck** soils and the very poorly drained **Lakemont** soils.* [86]

Soil Management Group II

The soils of group II are medium-textured to moderately fine-textured soils developed from calcareous glacial till, calcareous glacial till mixed with shale, or recent alluvium. There are three subgroups within this group. They are separated depending upon the parent material. [87]

Subgroup IIA

Medium- to fine-textured soils developed from calcareous glacial till. These soils are found in areas of undulating to gently rolling topography in the central plains of New York. They are formed from

---

83 Ibid.
84 Cornell Cooperative Extension, Ithaca, NY - http://wwwscas.cit.cornell.edu/forage/recommends/soils (2000).
85 Ibid.
86 Ibid.

strongly calcareous glacial till. The soil profile is slightly acidic to slightly alkaline in the surface and slightly alkaline to strongly alkaline in the subsoil.

Some examples are the well drained to moderately well drained ***Cazenovia, Hilton, Honeoye, Lima,*** *and* ***Ontario*** *series; the somewhat poorly drained* ***Appleton, Kendaia,*** *and* ***Ovid*** *series; and the poorly drained* ***Lyons*** *and* ***Romulus*** *series.*[88]

Subgroup IIB

Medium-textured to moderately fine- textured soils developed from slightly calcareous glacial till mixed with shale. These soils generally have a very fine sandy loam or silt loam surface over a heavy silt loam or silty clay loam subsurface. These soils occur on nearly level or slightly undulating to rolling landscapes and are generally located in the transition zone to the higher lime soils. The sloping landscapes often show signs of erosion, and erosion control practices are generally necessary. On more level or concave topography and finer-textured soils, drainage is a problem.[89]

Some examples are the well drained to moderately well drained ***Conesus, Lansing, Mohawk,*** *and* ***Nunda*** *series. The somewhat poorly or poorly drained members include the generally finer-textured* **Burdett, Darien,** and **Manheim** series.[90]

Subgroup IIC

Medium-textured soils developed in recent alluvium. These soils have developed on nearly level first bottomlands and are subject to spring floods. The better-drained soils are intensively used and highly productive for a wide variety of crops. They have a water-holding capacity of 5 to 9 inches of available water. These are among the most fertile soils in New York. Crops grown on these soils respond to practices that improve soil tilth and minimize soil compaction. [91]

Examples are the well-drained ***Chagrin,*** *moderately well drained* ***Teel,*** *and somewhat poorly drained* ***Wayland.***

---

87 Ibid.
88 Ibid.
89 Ibid.
90 Ibid.
91 Ibid.

Soil Management Group III

There are two subdivisions in soil management group III. They are similar in most of their management requirements but can differ in parent material, slope, tillage, and erosion control practices. The soil management group III soils are medium in potassium supplying power and are a medium-textured silt loam in both the surface and the subsoil . [92]

Subgroup IIIA

Moderately coarse textured soil developed from glacial outwash and recent alluvium. These soils generally have a sandy loam, gravelly loam, or gravelly silt loam surface and gravelly loam, loam, sand, or gravel subsurface. They occur on gravelly outwash plains in the valleys or on glacial kames or eskers. The majority are level to nearly level and are well suited to a variety of crops. Erosion and soil structure are generally not a problem. These soils contain about 4 to 7 inches of available water in the soil profile. Irrigation may be required for vegetable production or during dry years for field crops. [93]

Examples are the well drained to moderately well drained ***Barbour, Braceville, Chenango, Howard, Kars, Palmyra, Phelps,*** *and* ***Tioga*** *series. The somewhat poorly drained soils include the* ***Fredon, Holly,*** *and* ***Red Hook*** *series.*

Subgroup IIIB

Medium-textured acid soils developed on glacial till. These soils contain shale, sandstone, slate, or schist-type rocks with little or no lime. They have a silt loam surface and a more dense or compacted silt loam subsoil with fragipan or hardpan at various depths below the surface. The depth to the fragipan determines the soil drainage characteristics‹the deeper the pan, the better drained the soil. The entire profile contains few to many angular and (or) flat stones of various sizes. [94]

---

92 Ibid.
93 Ibid.
94 Ibid.

*These include the **Mardin**, **Valois**, **Langford**, and **Tunkhannock** soils. The well-drained **Lordstown** and **Oquaga** soils occur on steeper slopes and are moderately deep to bedrock. The somewhat poorly and poorly drained soils such as **Camroden, Ellery, Erie, Marcy, Morris,** and **Volusia** occur on the longer slopes of the hillsides, on concave slopes, and near the bases of the hills where water tends to collect from above.* [95]

Soil Management Group IV

There is no subdivision of soil management group IV. Group IV soils are low in potassium-supplying power and are coarse- to moderately coarse textured soils.

*Examples of the well to moderately well drained soils of this group are **Bombay, Broadalbin, Copake, Empeyville, Gloucester, Grenville, Hogansburg, Hoosic, Ira, Madrid, Moira, Parishville, Sodus**, and **Worth.*** [96]

*Somewhat poorly to poorly drained examples are **Brayton, Fredon, Massena, Scriba**, and **Westbury**.*

Soil Management Group V

Coarse- to very coarse textured soils formed from gravelly or sandy glacial outwash or glacial lake beach ridges or deltas. The parent material for these soils has been reworked by water either as glacial outwash or by wave action from the glacial lakes, removing almost all the fine materials, silt, and clay and leaving usually deep deposits of sand and (or) gravel. The soils that form have similar textures, usually with little organic matter. The topography is nearly level to undulating.

*Examples of the excessively to well-drained soils include **Alton, Colonie, Colosse, Colton, Hinckley**, and **Windsor**.*
*The moderately well-drained soils include **Claverack** and **Elmwood.** The somewhat poorly and poorly drained soils include **Granby, Junius,** and **Swanton.*** [97]

---

95 Ibid.
96 Ibid.
97 Ibid.

Connecticut Geology

There are four present landforms in Connecticut. There is a low coastal strip, which extends along the seacoast from New York to Rhode Island. It is the old rocky surface broken by small rivers and three large ones that have carved out valleys which reach the Long Island Sound. On the west the land is made up of many small hills and valleys that rises to a point of 2,315 feet in the northwest corner of the state. The Central Valley is quite low and it is about a hundred feet above sea level on the Connecticut River near Massachusetts. The valley has a number of trap rock ridges and most of the other rocks are sandstone and shales. 98

East of the Central Valley is the Eastern Upland which is a hilly region cut by many river valleys. The Western Upland is much higher than the eastern uplands. In this region, there are many areas, which reveal the metamorphic rock of the Western Uplands lying underneath Central Valley brownstone. Geologists call this spot the "Great Unconformity," because of the jarring discord between the rocks. At the bottom of the exposed layers are schists and above is brownstone. The schists stand on end, running vertically smack into horizontal beds of brownstone. Scattered throughout the brownstone are fragments of the underlying schists. At any place in the world, large gaps of time can occur between adjacent layers of rock. The Great Unconformity represents a gap of two hundred (200) million years in just a fraction of an inch. 99

Connecticut land is about one hundred miles east and west along the sound and fifty miles north to the Massachusetts line. Its area is 5,004 square miles counting the lakes. Major forces created these landforms such as ice riding over the hills, the volcanic eruption that gave Connecticut the trap rock and the rivers that leveled the mountains. Many years ago the landforms were quite different in Connecticut from what they are today. Over the years several forces have shaped what exists today. Some of Connecticut landforms rose to thousands of feet. Weather conditions produced brooks and rivers; flowing water which has a lot of power, wore away the surface. The material worn off the mountains was deposited in valleys and became soil. 100

---

98 USDA, Connecticut NRCS - http://neirtnt.ct.nrcs.usda.gov/soils/catenas (2000).
99 The Geology of Connecticut - http://library.thinkquest.org/12621 (2000).
100 USGS, Connecticut - http://geology.er.usgs.gov/states/CT (2000).

In eastern Connecticut we find mostly metamorphic rocks such as gneiss, schist, and quartzite, with some igneous rock, granite. We also find metamorphic rocks mostly in the western part of the state. However, some limestone, a sedimentary rock exists along the western boundaries and particularly in the northwestern corner of the state. In the central part of the state is a low land, consisting of red sandstone and shale, both sedimentary rocks. Within this low land arise hills, consisting of the igneous rock, basalt, commonly called traprock.

There were small amounts of great many metals, but only in a few areas was there enough of any one metal worth mining.

Connecticut still has some minerals that are dug out and being used. The most important are the traprock, clay, and limestone. Traprock is found in ridges throughout the Central Valley. In addition, clay was found in the Central Valley; it was dug, mixed with sand and baked in huge kilns to make bricks. The third major minerals used in Connecticut were limestone and marble. The Connecticut Valley is also famous for fish fossils found in black shales. Plant impressions and insect tracks and burrows are also found.

Although Connecticut shares some geologic history with Long Island's glaciation, this area, much like the areas of Upstate New York and New Jersey, were formed mostly out of the actions of plate tectonics and volcanism, the effects of which were not seen on Long Island. The area of Connecticut was laid down millions of years before the oldest Cretaceous sediments of Long Island were formed. The existence of shales, limestone and schists, attest to the differences between the regions of Connecticut and Long Island, and reflect their vastly different geologic history.

Connecticut Soils

Thin, stony soils, which are generally infertile and unsuited for crop farming, cover most of Connecticut. Deeper soils, mainly loams, are found in the Connecticut, Housatonic, and Naugatuck River valleys. In addition, terraces on the sides of the Connecticut River valley, and other valleys, are covered with stone-free soils that can be farmed. Sandy soils predominate in the Seaboard Lowland and in the Connecticut Valley Lowland south of Middletown.

There are 94 major "types" of soils in Connecticut identified and named. [101] Each "type," or series, is named for the geographical area where it was first described. Each soil series has definite relationships to landscapes, regional geology, and parent materials. Related soils are of about the same age, are derived from similar parent material and occur under similar climatic conditions. These soils are classified into a sequence of increasing wetness. This sequence is called a soil catena.
The soil series of Connecticut have been arranged into the soil catena shown below.

Parent Material	**Soil Type**
Granite and Schist (sandy)	Glouchester
Schist and Granite Gneiss	Westminster, Millsite, Hollis, Chatfield, Charlton, Canton, Sutton, Bice, Schroon, Leister, Lyme, Paxton, Montauk, Woodbury, Ridgebury, Whitman [102]
Parent Material	**Soil Type**
Mixed Limestone	Farmington, Stockbridge, Nellis, Georgia, Amenia, Massena, Alden
Red Sandstone, Shale	Holyoke, Yalevile, Cheshire, Watchaug, Wethersfield, Ludlow, Wilbraham, Menlo

101 USDA, Connecticut NRCS - http://neirtnt.ct.nrcs.usda.gov/soils/catenas (2000).

Brown Micaeous Schist	Brimfield, Brookfield
Phyllite, Schist and Slate Shale, Sandstone, Basalt	Taconic, Macomber, Bernardston, Lanesboro, Fullam, Brayton, Broadbrook, Rainbow, Narragansett, Wapping
Acid, Crystilline Rock	Hinckley, Merrimack, Sudbury, Walpole, Windsor, Deerfield, Scarboro, Agawam, Ninigret, Enfield, Tisbury, Raypol
Acid Red Sandstone, Shale	Branford, Ellington, Manchester, Hartford, Penwood
Mixed Limestone	Groton, Copake, Hero, Fredon, Halsey,
Mixed Crystalline, Sedimentary	Belgrade, Raynham,, Elmridge, Shaker, Brancroft, Scitico, Maybid, Berlin
Gneiss, Schist, Granite	Suncook, Occum, Pootatuck, Rippowam, Hadley, Winooski, Bash, Limerick Lim, Saco [103]

Soils of Farfield County [104]

AfC Agawam fine sandy loam, 8 to 15 percent slopes

CfC Charlton fine sandy loam, 8 to 15 percent slopes

GgC Georgia silt loam, 8 to 15 percent slopes

HkB Hinckley gravelly sandy loam, 3 to 8 percent slopes

HkC Hinckley gravelly sandy loam, 8 to 15 percent slopes

Lc Leicester fine sandy loam

PbC Paxton fine sandy loam, 8 to 15 percent slopes

---

102 Ibid.
103 Ibid.
104 Ibid.

Rb Raypol silt loam

Rd Ridgebury fine sandy loam

Ro Rippowam fine sandy loam

SnC Stockbridge loam, 8 to 15 percent slopes

Wd Walpole fine sandy loam

WxC Woodbridge fine sandy loam, 8 to 15 percent slopes

Soils of New Haven County [105]

AfC Agawam fine sandy loam, 8 to 15 percent slopes

BoC Branford silt loam, 8 to 15 percent slopes

CfC Charlton fine sandy loam, 8 to 15 percent slopes

CsC Cheshire fine sandy loam, 8 to 15 percent slopes

De Deerfield loamy fine sand

HkA Hinckley gravelly sandy loam, 0 to 3 percent slopes

HkB Hinckley gravelly sandy loam, 3 to 8 percent slopes

HkC Hinckley gravelly sandy loam, 8 to 15 percent slopes

Lc Leicester fine sandy loam

MgA Manchester gravelly sandy loam, 0 to 3 percent slopes

MgB Manchester gravelly sandy loam, 3 to 8 percent slopes

MgC Manchester gravelly sandy loam, 8 to 15 percent slopes

PbC Paxton fine sandy loam, 8 to 15 percent slopes

PnA Penwood loamy sand, 0 to 3 percent slopes

---

105 Ibid.

PnB Penwood loamy sand, 3 to 8 percent slopes

Ra Raynham silt loam

Rb Raypol silt loam

Rd Ridgebury fine sandy loam

Ru Rumney fine sandy loam

Rv Rumney Variant silt loam

Wa Walpole sandy loam

WkC Wethersfield loam, 8 to 15 percent slopes

Wr Wilbraham silt loam

YaC Yalesville fine sandy loam, 8 to 15 percent slopes

Soils of Middlesex County [106]

BoC Branford silt loam, 8 to 15 percent slopes

CsC Cheshire silt loam, 8 to 15 percent slopes

HkC Hinckley gravelly sandy loam, 3 to 15 percent slopes

MgA Manchester gravelly sandy loam, 0 to 3 percent slopes

MgC Manchester gravelly sandy loam, 3 to 15 percent slopes

PbC Paxton and Montauk fine sandy loams, 8 to 15 percent slopes

PnA Penwood loamy sand, 0 to 3 percent slopes

PnB Penwood loamy sand, 3 to 8 percent slopes

Rb Raypol silt loam

Ru Rumney fine sandy loam

Rv Rumney Variant silt loam

106 Ibid.

St Suncook loamy sand

Wd Walpole sandy loam

WkC Wethersfield loam, 8 to 15 percent slopes

Wr Wilbraham silt loam

WvA Windsor loamy sand, 0 to 3 percent slopes

WvB Windsor loamy sand, 3 to 8 percent slopes

YaC Yalesville fine sandy loam, 8 to 15 percent slopes

AfA Agawam fine sandy loam, 0 to 3 percent slopes

AfB Agawam fine sandy loam, 3 to 8 percent slopes

BcA Berlin silt loam, 0 to 5 percent slopes

BoA Branford silt loam, 0 to 3 percent slopes

BoB Branford silt loam, 3 to 8 percent slopes

CbB Canton and Charlton fine sandy loams, 3 to 8 percent slopes

CsB Cheshire silt loam, 3 to 8 percent slopes

EfA Ellington fine sandy loam, 0 to 5 percent slopes

HfA Hartford sandy loam, 0 to 3 percent slopes

HfB Hartford sandy loam, 3 to 8 percent slopes

LpA Ludlow silt loam, 0 to 3 percent slopes

LpB Ludlow silt loam, 3 to 8 percent slopes

MyA Merrimac sandy loam, 0 to 3 percent slopes

MyB Merrimac sandy loam, 3 to 10 percent slopes

NnA Ninigret fine sandy loam, 0 to 5 percent slopes

PbB Paxton and Montauk fine sandy loams, 3 to 8 percent slopes

Ps Podunk fine sandy loam

SgA Sudbury sandy loam, 0 to 5 percent slopes

WkB Wethersfield loam, 3 to 8 percent slopes

WxA Woodbridge fine sandy loam, 0 to 3 percent slopes

WxB Woodbridge fine sandy loam, 3 to 8 percent slopes

YaB Yalesville fine sandy loam, 3 to 8 percent [107]

Soil and Geologic Summary

As one can see from the enclosed data, there are many varied soil types found in the areas of Long Island, Upstate New York, New Jersey and Connecticut – very few of which are the same. In fact out of the hundreds of soil series listed, only 2 minor series from the region of Long Island are found in the regions of Upstate New York, New Jersey and Connecticut (the soils series of Scio and Walpole.)

There are clear and distinct differences between Long Island and its neighboring regions that take into account many different parameters. These include parent geology, geologic history and development, soil formation and soil deposition. By simple observational evidence alone, one can see vast differences in soil texture and soil color between the regions, not to mention the drastic geologic differences seen by simply driving off the Long Island region onto the mainland; it is almost a virtual wall of uplifted rock which separates the Long Island area from the border of New Jersey along the Hudson River. For the most part, mineral and pedological deposition is much older in areas located away from Long Island. Long Island is comparatively speaking, relatively new in geologic terms. Long Island geology shows little evidence of any geologic deposits dating older than the Cretaceous Period, while areas as little 100 miles to the west and 50 miles to the north and south, contain deposits that are exposed as far back as the Cambrian and Precambrian periods. [108]

Long Island also contains few if any outcrops of any sedimentary rock and because of this, any real evidence of a fossil record. While the regions located to the north and west can illustrate clear geologic layers and hence, timetables throughout the soil profile, it is difficult to observe this geological

---

107 Ibid.
108 Ibid.

phenomenon on Long Island due to the Island's geologically recent glacial deposition and scarring. Long Island is also unique in that it lacks any real undulations, rock outcrops or muckland areas.

In general, the soils of Long Island contain a greater percentage of sand and gravel and a lower percentage of silt, loam and clay than in the soil associations and series found in the other areas. Long Island soils also lack any real percentage of natural limestone when compared to other regions; Long Island soils are then much more acidic and make an agricultural liming program indispensable to any vineyard operation. Because of this factor, the soils of Long Island are also slightly lower in natural fertility and water-holding capacity than these neighboring areas, and may require vastly different fertilization and irrigation programs. This difference in soil types leads to a very unique and distinct *Terrior* for Long Island – sandy loam soils will warm up faster, drain better and allow deeper root penetration that soils containing greater amounts of silt, clay and rock.

These and other differences associated with different soil types and series found on Long Island can have a profound affect on the growth of grapevines. The French have long shown the dramatic affects of soil series and type on wine quality; it has now become a well-known viticultural fact that particular soils may impart unique balances and/or combinations of various constituents found within grapes and wines made from those grapes. All else being equal, soils can affect sugar levels, pH, acid levels, and extractable components found with in the grape.

The data presented confirms what has long been known to be true – that no other region in the United States, let alone the east coast, has the same quality of soils and soil types that are found on Long Island. These soils, along with the unique maritime climate, have made the region of Long Island not only the most important agricultural producing area in the State of New York, but one of the most exciting wine producing areas in the United States. The obvious differences in soil types, series, geology, associations and topography found between Long Island and its surrounding areas, can impart distinct variations in the components of the grapes and wines made from these vastly different areas and is a major factor of why Long Island requires the approval of a separate and distinct American Viticultural Area.

Climate Data

The climate data presented on the following pages is pooled from a number of approved and official sources which include the National Oceanic and Atmospheric Administration, The National Environmental Satellite, Data and Information Service, The National Climatic Data Center in Asheville, N.C., Cornell University Long Island Horticultural Research Lab, Brookhaven Laboratories, Upton, NY, Weatherbase.com, Canty and Associates, The National Virtual Data System, and Worldclimate.com. This data goes back an average of 30 years and in some cases has been recorded at various weather stations for over a century.

Observations that were recorded and compared included average temperature, average maximum and minimum temperature as well as averages of temperature extremes, and precipitation. The Long Island data was collected from all available weather stations operating in the Long Island area. In order to determine what differences existed in the surrounding regions, the weather stations which were determined to be nearest the borders of the Long Island region were the ones used to tabulate the data from these areas. (Data from northern Connecticut and Upstate and Western New York were not used in order to maintain a fair and accurate comparison).

The climate of Long Island can be classified as "maritime" due to the fact that the region is in fact an island and is in very close proximity (around all of its borders in fact) to water. The maritime influence is very significant. The surrounding waters around Long Island extend the period of frost-free temperatures substantially, reduce the range of diurnal and annual temperatures and reduce the possibility of extreme winter temperatures.

As one can see from the data presented, there are numerous, distinct and compelling differences between the climate of Long Island and its neighboring regions. For the most part, these differences are due to the orientation of Long Island off the United States coastline. In fact, there exists no other area in the Western Hemisphere where a land mass as large as Long Island juts as far out into the Atlantic Ocean. It is truly a special and extremely unique area.

Growing Degree Days

Most important for agricultural purposes is the use of Growing Degree-Days or GDD. Some authors also refer to this data as Heat Summation. According to Winkler, et.al. 1974, the one factor of climate that proved to be of predominant importance with regard to grape growing areas was heat summation; other factors such as rainfall, duration of sunshine and humidity are much more limited in their effect on grapes. [109] Growing degree-day accumulations involve the amount of accumulated heat required for plants to flourish. Growing degree-days are those days necessary for plants as well as other organisms to complete their growth and development. GDD takes into account the average daily temperature accumulations, which influence plant development; providing an estimate of the plant's development based on temperature measurements. [110] For each day that the average temperature is one degree above the base temperature, one-degree day has accumulated. The formulation of GDD calculations is developed from a general base of knowledge inherent to the environment. The temperature at which growth starts for woody plants in the north-eastern United States is approximately 45 F to 55F; to standardize the calculations used in determining a growing degree day, **the base temperature has been arbitrarily set at 50 F.** With this information, the calculations of the growing degree day for a 24-hour period require the following formula: Max. Temp + Min. temp. /2 -Base temp. (50)=GDD. For example: If on March 3 the maximum temperature is 60 and the minimum temperature is 50 the GDD for March 3 is 60+50/2 = 102/2 = 55F and 55F - 50F = 5 GDD. [111] If the average temperature is equal to or less than the base temperature, no degree-days are accumulated. The information provided by GDD is also used to delineate wine producing regions into clear climatic regions – termed Regions I – V. Some examples of base GDD data and the corresponding viticultural regions that have been measured include the following:

---

109 Winkler, A.J., et.al. General Viticulture, University of California Press, Davis, CA. (1976).
110 Ibid.
111 Weather Underground - http://swedish.wunderground.com/about/faq/degreedays.asp (2000).

(From Winkler, et.al. 1976)

Region I Locations:

Region	Growing Degree Days Averages
Geisenheim, Germany	1790
Reims, France	1820
Beaune, France	2300
Geneva, NY	2400

Region II Locations

Region	Growing Degree Days Averages
Auckland, New Zealand	2540
Budapest, Hungary	2570
Bordeaux, France	2750
Santa Barbara, CA	2820
Asti, Italy	2930

Region III Locations

Region	Growing Degree Days Averages
Napa, CA	3100
Milan, Italy	3310
Hamadan, Iran	3280
Sonoma, CA	3190

Region IV Locations

Region	Growing Degree Days Averages
Florence, Italy	3530
Sao Paulo, Brazil	3540
Sidney, Australia	3780
Mendoza, Argentina	3640

Generally speaking, fine wine production is limited to the Regions I-III, where a temperate and cooler climate allow for more desired levels of sugar and acid balance in the grapes, as well as a slower rate of ripening which preserves aromatics and ripens tannins. One can also note that variations of as little 100-degree days can separate areas with widely different climatic conditions.[112]

Long Island is generally recognized as being at the high end of Region II and is in fact some years a Region III area. Long Island historically has an average of 166 more degree-days than Westchester/Downstate NY and as much as 324 more degree-days than Connecticut. Connecticut on average is a borderline Region II with some years having Region I conditions. New Jersey on the other hand, has considerably more degree-days on average (as much as 306 days) than Long Island. New Jersey is solidly classified as a Region III, with some locations approaching Region IV status in warmer years. The closest in terms of GDD to Long Island is the area of Westchester, also a Region II. However as one will see from the other data presented, there are much more significant differences between these two areas. [113]

Heating Degree Days – Cooling Degree Days

Heating and Cooling Degree-Days are also used for climate comparisons in this data. These data bases are used by the construction industry to calculate the amount of heat that must be added to a structure to maintain the temperature at a comfortable level usually using 65 degrees F. Consequently the heating degree days is the temperature below the base temperature. The Cooling Degree-Days are the temperature above the base temperature that requires some form of cooling system. [114]

Heating Degree-Days are indicators of household energy consumption for space heating. It was found that for an average outdoor temperature of 65 degrees Fahrenheit, most buildings require heat to maintain a 70-degree temperature inside. Similarly, for an average outdoor temperature of 65 degrees or more, most buildings require air-conditioning to maintain a 70-degree temperature inside. [115]

---

112 Winkler, A.J., et.al. General Viticulture, University of California Press, Davis, CA, (1976).
113 Weatherbase.com - http://www.weatherbase.com/weather/city.php3?c=US&s=NY,(2000).
114 Weather Underground - http://swedish.wunderground.com/about/faq/degreedays.asp (2000).
115 Ibid.

In calculating Heating and Cooling Degree-Days, the high and low temperature for the day is averaged. For example, if the number is greater than 65 F, then it is measured as (Average temperature - 65) Cooling Degree-Days. If the average temperature is less than 65 degrees, then it is measured as (65 - Average temperature) Heating Degree-Days. Running totals are kept for these units over a time period of a year so fuel distributors and power companies can assess average demands. Once again, variations of as little as 30-degree days can indicate a significant difference in climate. [116]

For Heating Degree-Days, the larger the number, the cooler the climate of that region. For Cooling Degree-Days, the larger the number, the warmer the climate of that region.

From this data, Long Island proves to be one of the warmer areas of the group. It is very similar to New Jersey in this regard, with Long Island and New Jersey separated by only 7 Heating Degree-Days. The regions of Westchester/Downstate NY and Connecticut however, prove to be substantially cooler, with 293 more days in Westchester and 376 more days in Connecticut than Long Island. This is seen in the additional average temperature data presented which shows Connecticut and Westchester to have much colder minimum temperatures during the winter months.[117]

In terms of Cooling Degree-Days, Long Island once again proves to be the most moderate of all the areas. New Jersey is the warmest with 162 Cooling Degree-Days more than Long Island. Westchester is second with 59 more cooling days. This data indicates the importance of the maritime influence during the summer months, as the regions to the west and north west of Long Island are not benefiting from the cool, ocean breezes during the year. Connecticut on the other hand, proves to be the coolest area, with 205 Cooling Degree -Days less than Long Island. This is probably due to the combination of moderating maritime winds and the more northern latitude of Connecticut in relation to the other areas.

---

116 Ibid.

117 Weatherbase.com - http://www.weatherbase.com/weather/city.php3?c=US&s=NY, (2000).

Average Temperatures

In interpreting long–term averages (30 years or more) of temperature data, it is important to realize that even small differences of one half a degree can be statistically significant in analyzing climate. (As an example, global warming climate models have consistently predicted a rise in temperature of 1-3 degrees F., which climatologists have stated would substantially alter current climate conditions sometimes with dramatic effects. With this in mind the averages of all the climate data presented show some significant differences in the climate of Long Island as compared to its neighboring regions.

The moderating influence of the Long Island's surrounding water is evident in the temperature data. In terms of average temperatures, the region of Long Island shows the highest average annual winter temperature compared to the surrounding regions. Long Island's average low temperature over 30 years is 43.5 degrees F., 2.5 degrees F warmer than the area of Westchester County and downstate New York, and 2.2 degrees F warmer annually than the average from New Jersey. [118] Long Island is also over 4 degrees F warmer on average than Connecticut. Winter extreme temperatures were also seen to be the most moderate on Long Island, with Long Island having only 0.44 days of temperatures under 0 degrees F. Long Island also had the least extreme winter low temperatures with the lowest average being –5.67 degrees F. New Jersey was 1.63 degrees colder at –7.3 F. [119] New York and Connecticut were seen to have winter low temperatures considerably colder than Long Island. Connecticut can experience temperatures as low as –13.5 degree F - 9.63 degrees F colder than Long Island. Westchester and Downstate proved to be the coldest with low temperatures reaching –15.3 in some years - 7.83 degrees F colder than Long Island. [120] Winkler states that most vinifera grapevines withstand but little winter injury at –4 degrees F. [121] Similar results have been reported for decades in Europe. However, many vineyards have been reportedly damaged severely and some virtually destroyed in some instances, from temperatures below –4 degrees F. [122] Bearing this in mind, it seems that the climate of these other regions, aside from Long Island, might pose great economic risk for commercial vineyard plantings. Low winter temperatures have historically been one of the main limiting factors involved in the viability of planting European, vinifera grapevines in the United States. The temperature data presented here

---

118 Ibid.
119 Ibid.
120 Ibid.
121 Winkler, A.J., et.al. General Viticulture, University of California Press, Davis, CA., (1976).
122 Ibid.

proves that Long Island can be one of the safer areas in the east that can safely and consistently produce fine wine grapes.

Average annual temperatures overall show Long Island to be different than all of the other areas. Long Island is on average 2.1 degrees F warmer annually than Connecticut and 0.5 degrees warmer than Westchester/Downstate NY. [123] Long Island also showed to be 0.8 degrees cooler annually than the average in New Jersey, which has less of a maritime influence. Average annual high temperatures were found to be less distinct on Long Island, however the moderating influence of the water is again evident in this data. Connecticut and Long Island are statistically similar along these lines, due to the maritime influence of both these areas; Long Island proved to be 1 degree F cooler than Westchester/Downstate NY and 2.7 degrees cooler than New Jersey. [124] Most important are the number of days Long Island went beyond 90 degrees F. Long Island is clearly the most moderate in this regard once again, with only 5.5 days annually over this temperature. Connecticut has 3.4 days over 90 degrees F, New Jersey has 15 days more over 90 degrees F and Westchester/Downstate NY has 7.5 more days. [125]

To see a possible variation during the growing season months only, temperature averages were also taken for the period of April through October, the time period generally associated with the growing period for grapevines. During this period, Long Island again showed to be distinct; Long Island is 0.4 degrees warmer than Westchester/Downstate NY and as much as 2.1 degrees warmer than Connecticut. Not surprisingly, New Jersey was the warmest during this time frame, with an average that was 0.6 degrees F higher than Long Island. [126]

The temperature data presented outlines the moderating influence of the waters surrounding Long Island. Long Island is slightly cooler during the hottest months of summer and significantly warmer during the coldest months of winter, with few extremes seen in either direction of the thermometer.

During the winter, winds come predominantly from the southwest and are warmed slightly by the Atlantic Ocean. In the winter, the sound, bay and ocean all have buffering effects due to their accumulation of heat from the summer and fall months. This wind will therefore buffer the temperature

123 National Oceanic and Atmospheric Administration, National Climatic Data Center, Asheville, NC (2000).
124 Ibid.
125 Ibid.
126 Ibid.

of Long Island as it passes over, however, by the time the wind passes over the cooler land of Long Island and Long Island Sound, it has lost some of its warmth and has less of a buffering effect on the temperatures of Connecticut. These breezes, however, along with those coming off the Long Island Sound, will almost always keep winter minimum temperatures high enough to prevent commercial vine damage. This maritime effect is not realized in New Jersey and rest of New York due to the fact that these landmasses lie downwind from the prevailing breezes and are in actuality receiving colder continental winds from the west.

By the time spring arrives, the ocean has cooled somewhat from the low winter temperatures. Breezes coming from the south at this time of year will therefore become cooled by the ocean, and will reduce temperatures as they pass over Long Island. Because of this maritime effect, Long Island often has long, cool springs, with many plants showing delayed growth as compared to their more inland counterparts. This is a big advantage for grapevines as well, as cooler spring temperatures delay the onset of growth and reduce the likelihood of an economically devastating spring freeze. During the summer months these same breezes coming in off the water will keep the average temperatures of Long Island slightly cooler than its more inland neighbors. One need only go to the seashore on a hot humid day to realize the wonderful cooling effects of ocean breezes in the summertime. Since plants and in particular, grapevines do not conduct photosynthesis at temperatures greater than 90 degrees F, these moderating winds can be very beneficial for healthy vine growth.

It is also true then that during the fall, Long Island call also expect slightly warmer temperatures than the surrounding regions. With the temperature of the ocean water rising throughout the summer months, Long Island can be protected well into the fall from freezing temperatures and has the benefit of enjoying a fall season consisting of a lot of sunshine and normal amounts of precipitation. The ocean effect, which alters the climates of Long Island, does not exist for New Jersey and Downstate NY and is also considerably reduced in Connecticut

Precipitation

On an average annual basis, Long Island has the lowest levels of precipitation of all the areas studied with 42 inches annually of precipitation. This annual difference is 3.4 inches less than Westchester/Downstate NY, 3.8 inches less than New Jersey and 4.1 inches less than Connecticut. All other areas combined have an average of 3.7 inches more precipitation during the year – this amounts to as much as an extra average month of rainfall annually – a very significant difference. [127] Looking at just the growing season again, precipitation data was tabulated and averaged for the months of May through October – the time period that grapevines are most affected by rainfall. It is in this period of time – the growing season – which the differences in precipitation mainly occur. During the growing season, Long Island is once again seen to be significantly drier, having 3.2 inches less than Connecticut, 3.6 inches than Westchester/Downstate NY and 4.2 inches less than New Jersey. [128] All other areas combined have an average of 3.7 inches more of precipitation during the year. [129] Therefore, during just this 6-month period, the other regions can have as much as a whole additional month of rainfall. This is very significant to an agricultural business that requires intense fungal disease control and vine canopy management. It is also well known viticulturally that rainfall and the amount accumulated can significantly affect vine growth and fruit quality. More rain generally means a lower quality crop for winegrowers.

The reason for this difference is once again attributed to the moderating influence of the Long Island's surrounding water. Precipitation fronts and thunder storms are often diverted to the north and west during the months of the growing season due to the prevailing southwest winds blowing over Long Island. It is not uncommon (as one can easily follow most summers on TV news and weather channels) for New Jersey and Connecticut to be experiencing heavy downpours while the region of Long Island remains dry and sunny.

---

127 Ibid.
128 Ibid.

Frost Free Days

Although the amount of sunshine and rainfall can have an effect on the length and quality of the growing season, the single most important factor in determining the commercial viability of a grape growing region is the number of days between the spring and fall frosts. This is the period most important for agricultural purposes as it is the length of time between the last episode of frost (32 degrees F) in the spring until the first episode of frost (32 degrees F) in the fall. This length of time is also known as the *growing season*, since most agricultural deciduous plants will not continue to grow once the temperature of 32 degrees F has been reached. It is also known as the *frost-free period.* [130]

Winkler states that areas adjacent to large bodies of water, such as oceans, lakes and very large rivers – particularly areas located on the leeward side in the seasons of frost - are less subject to frost than areas farther removed. [131] Long Island bears this out to be true. With its location to the surrounding waters, Long Island historically benefits from an extremely long growing season – one of the longest in the northeast. Although springtime temperatures on Long Island usually delay the arrival of spring and plant growth, the average temperature usually remains above freezing after approximately the middle of April. Areas that are affected by warmer continental climates such as Westchester/Downstate and New Jersey, often experience earlier plant growth in the spring. It is in the fall however, that the maritime influence on Long Island really takes effect. During the fall, the temperatures of the ocean and sound around Long Island are at its warmest, having been warmed during the previous months of summer.

The prevailing winds that pass over Long Island in the fall are therefore often warmer than the air temperatures, creating a moderating effect that delays the onset of freezing temperatures. This maritime influence is even more pronounced on the East End of Long Island, where even more water is surrounding the two narrow peninsulas of the North Fork and The Hamptons. North Fork farmers are often blessed with growing seasons as long as 210-220 days on average. [132]

---

130 Winkler, A.J., et.al. General Viticulture, University of California Press, Davis, CA, (1976).
131 Ibid.
132 Olsen-Harbich, R., *North Fork of Long Island* AVA Petition (1985).

In analyzing the frost–free data, it becomes clear that the influence of the water on the Long Island climate becomes even more significant. Long Island on average experiences 204 frost-free days during the growing season. [133] This is 31 days longer than New Jersey, 37 days longer than Westchester/Downstate NY and as much as 50 days longer than the Connecticut average. Long Island can therefore have as much as 4 – 7 weeks (1-2 months) more growing season than any of the other areas. [134] This is clearly the most significant climate factor that separates Long Island from the surrounding land masses and makes it necessary to approve the region of Long Island as a separate AVA.

133 National Oceanic and Atmospheric Administration, National Climatic Data Center, Asheville, NC (2000).
134 Ibid.

Conclusion

The region of Long Island is truly one of the most unique in the United States. In no other area of the United States does an island jut 100 miles out into the Atlantic Ocean. Due to this geologic phenomenon, Long Island has a very special environment, soil and climate, which is moderated by the surrounding waters. The use of the name Long Island goes back more than 300 years and is used today for literally thousands of businesses, groups, professional associations, and parks in the area – more than this petition could ever possibly document. The United States Postal Service recognizes this area as well by using the name *Long Island* in the postal stamp designating mail leaving its central office in Hicksville, N.Y. [135] Long Island has often times operated independently from the rest of New York State, both philosophically and physically – in fact many politicians from Upstate New York often humorously refer to Long Island as a separate state due to its geographic seclusion from the rest of New York State. The region of Long Island however, is not only known locally and statewide, it is known nationally. For decades, the name Long Island has been famously associated with potatoes and duck. Most recently, within the past 25 years, the region of Long Island has become well known for fine wine production. As one can see from the enclosed articles, there are now thousands of references to the wines of *Long Island.* It is not just by the names *North Fork* or *The Hamptons* that our wines are recognized; as a group and as a brand, both locally and nationally, the wines of the area are known as Long Island wines.

Indeed, it is not the object of this petition to supercede in any way, shape or form, the existing AVAs of *North Fork of Long Island* and *The Hamptons, Long Island.* The approval of the Long Island AVA would not interfere with the 2 existing AVAs already in use on Long Island. Growers and wine producers will probably still use the smallest and most exact AVA available to them to label their wines. The North Fork has and always will be the mecca for winegrowing on Long Island - where 95 percent or more of the wines of Long Island will be produced. [136] Clearly there are differences within the region itself - both forks of Long Island are unique areas in their own right as was demonstrated in the earlier AVA petitions classifying both of these areas as separate appellations. The *North Fork* is clearly the warmest of all the areas on Long Island, with the most frost-free days of any reporting area. The *North Fork* also contains the last large tract of agricultural land to be found on Long Island. With over 95

135 United States Postal Service Hicksville, NY, (2000).
136 Long Island Wine Council (2000).

percent of Long Island wine coming from the North Fork and the high quality associated with this area, it is obvious that the *North Fork* AVA would be the first choice for most producers in this area. The Hamptons, Long Island AVA also offers consumers another choice in the market, to appreciate the nuances of flavor and aroma that this area can exhibit in the wines produced there. However, as this petition has shown, the Long Island region, taken as a whole, is far different from those regions which border it. The approval of a Long Island AVA is the next logical next step for the area. The proposed Long Island AVA offers the local producer another quality marketing alternative and can expand the territory which makes up this very unique wine growing area.

Presently, the use of an AVA name on a wine label requires that the wine labeled as such contain at least 85 percent of the grapes grown in the AVA area. [137] Because of this requirement, under the present BATF regulations, a winery producing a wine from equal parts *North Fork* and *Hamptons* fruit may not utilize either of these two existing AVA designations. All that is allowable legally in this situation are the designations *Suffolk County* or *New York*, neither of which are very appealing to the Long Island wine producer. With the approval of a Long Island AVA, a vintner in this situation could label a wine of this nature with a Long Island AVA designation – an appellation which not only more accurately defines the product but also allows for greater marker appeal. Also, with hundreds of available acres located outside the present AVA's of the *North Fork* and *The Hamptons*, the possibility exists for greater expansion of the Long Island wine industry into these areas, perhaps encouraging landowners to consider winemaking instead of development. Many today would agree with the thinking that had the wine industry been established a hundred years earlier on Long Island, the landscape of the area would look quite different today. Even today with all the encroaching suburbanization, Suffolk County remains the largest revenue grossing agricultural county in the state of New York. With fine winegrapes one of the last viable options for agriculture in this high priced area, it can only be a benefit to expand the marketing possibilities of Long Island wine production and vineyard plantings into these other areas.

The determination of the boundaries for the Long Island region are quite simple to define. To the west, although the physical geography of Long Island includes the areas of Brooklyn and Queens, these areas are completely urbanized and are for all practical purposes, no longer agriculturally viable. The natural boundary would therefore be the Nassau County line, which also separates Nassau from the New York City line. It would make no sense to include for the sake of geology, a region that does not have a single

acre of commercial farmland available – one cannot grow grapes in blacktop. The other boundaries are self-explanatory – the water provides the cut-off for the AVA. Long Island's boundaries have in fact been in place for tens of thousands of years and provide a natural barrier to extremes of weather.

The geology, soil and climate data presented in this paper, backs up what many vintners, farmers and people from all walks of life, have for years taken for granted – that the region of Long Island has soil and climate that are different than any of the other areas which surround it. The influence of the water is immense and creates a moderate climate unlike any other in the eastern United States. Clearly, the regions located to the west of Long Island (Westchester and New Jersey) are more affected by continental climate conditions; the climate in these areas tends to be more extreme, both in the winter and summer seasons. To the north, the moderating effect of the water also diminishes, with the result of winter extreme temperatures that are often inhospitable (and commercially risky) to growing European grape varieties. As a result, the wine industry in these other locations have had to historically rely on the production of wine from the native Vitis labrusca and French Hybrid grape varieties, due to the fact that these varieties can survive lower winter temperatures. It is only because of the moderate climate and fine soil of Long Island and the ability to grow the classic wine grapes of Europe – the Vitis vinifera – that the region of Long Island has been able to develop a reputation for world-class, quality wine production.

The data presented shows that the region of Long Island is warmer in the winter, cooler in the summer, has more frost-free days, a moderate amount of growing degree days, and has less rainfall during the growing season than any of the other areas which surround it. The fact is, one needs to look across the Atlantic Ocean to Bordeaux, France, in order to find a grape-growing region with similar conditions to those found on Long Island. The combination of climate and soil imparting differences in the constituents of the grapes and wine, the necessity for different cultural practices (i.e. liming, training, spacing, fertilizing, irrigating) and the ability to grow, over-winter and ripen commercially, European (Vitis vinifera) wine grapes makes Long Island different from any other wine growing region in the East.

This information is old news for Long Island vintners. For years since Professor John Tompkins of Cornell University first recommended the planting of European grape varieties on Long Island, the

---

137 BATF Code of Federal Regulations _ http://www.atf.treas.gov/regulations/27cfr9.(2000).

industry has grown from the first acre planted by the Hargraves in 1973, to over 2500 acres today. [138] The industry would not exist were it not for the moderating climate and well-drained soils of Long Island. No other region in the eastern United States has the quality of soil, the length of growing season, the moderate winter temperatures and just the necessary amount of natural precipitation that Long Island has. As was stated earlier, the world-renowned viticulturist Dr. Richard Smart recently described Long Island as having "one of the finest soils for growing grapes that I have ever seen." A region such as this needs to be protected with an AVA.

Lastly, due to the recent fame garnered by many Long Island wine producers, and the rising popularity (and price) of Long Island wine, there exists the possibility that the name Long Island will be misused. History shows that in a business climate where demand outstrips supply the instances for consumer fraud increases. This is presently the case on Long Island where demand has never been higher, supply is limited and prices for both grapes and wine are rapidly increasing and are already at all-time highs. Indeed, as was recently reported in *The Wine Spectator*, fraud is not uncommon in the wine industry, with deceptive labeling listed as one of the more pervasive forms. [139] Under the present BATF labeling regulations, the name Long Island is technically a Fanciful Name, and could be used to label wine made from grape not grown on Long Island. Under these present conditions, a winery could theoretically set up business on Long Island, grow the minimum acreage of grapes necessary for appearances, and bottle an unlimited quantity of wine imported cheaply from other regions. These regions could be outside New York Sate or even outside of the United States. The possibility also exists for wine producers outside the Long Island area to label wine with a Fanciful Long Island name. No regulations presently exist that would prevent, for example, an Upstate New York or Connecticut winery from labeling one of their products with a Long Island name. With approval of a Long Island AVA, the name Long Island would be protected from misuse, and producers using the name Long Island, in any way, shape or form on their wine labels, would have to prove that 85 percent or more of that particular wine was produced from grapes grown within the boundaries of the Long Island AVA.[140] The kind of name protection afforded by the AVA system of regulation is what the area of Long Island needs and deserves. Consumers could be assured, (just as they are when they buy wine from other important AVA regions such as Napa and Sonoma) that the Long Island wine they are purchasing, meets the requirements of the AVA designation on the label.

---

138 Long Island Wine Council (2000).
139 Suckling, James, *A Taste of Deception* The Wine Spectator, (5/31/98).

The reason wine is so appreciated, so studied, so analyzed and so romanticized, is because of the way wine reflects the soil and climate of the region in which it was grown. After all, wine is grown, not made. It is a mirror of a far away land; one can imagine the soil, climate and people of a given wine region as one sips and enjoys that regions wines. It is what makes wine so unique and different from any other beverage. It is not consistent from year to year, from place to place - it can be almost as diverse as we humans are. It is for this reason that the AVA system of regulation was adopted in the first place. The regulation of area of origin is an important factor in the development of a quality wine region. The French Appellation Controllee system was first begun in the 1930's – a system of regulations instituted after the turmoil and rioting over the importation of wine into France from Algeria due to the phylloxera blight. [141] Other countries followed suit, all trying to preserve and protect the *terrior* of their individual vineyard areas. The area of Long Island should be no exception.

Distinct climate and soil, a long regional history, consumer protection, national brand recognition, preservation of farmland, wine purity and quality, and the recognition and appreciation of a very special part of our country, are all reasons why the area of Long Island should be approved as an AVA. The climate and soil of a particular grape growing area have been the determining factor for deciding winegrowing appellations all over the world. The success of Long Island wines over the past 25 years leaves no doubt that the area of Long Island is one of the country's most exciting new wine regions. The differences in climate, soil and environment that Long Island exhibits in comparison to the surrounding areas described in this paper are indisputable. It is therefore important that Long Island be recognized and approved as an AVA and set apart from the other regions which surround it, as a unique and separate viticultural appellation.

---

140 BATF Code of Federal Regulations _ http://www.atf.treas.gov/regulations/27cfr9.(2000).
141 Perdue, Lewis, The Wrath of Grapes, Spike ISBN, (1999)

Bibliography

Amerine, M.A. & Singleton, V.L. *Wine,* University of California, Davis, *(1976).*

Bell Atlantic, White Pages Suffolk County, June 1999-May 2000.

Bureau of Alcohol Tobacco and Firearms, Code of Federal Regulations, *www.atf.treas.gov,* (2000).

David Yehling Allen, Long Island Maps and Their Makers: Five Centuries of Cartographic History, Melville Library, Map Collection, SUNY Stony Brook (Amereon House 1997).

Ewing-Mulligan and McCarthy, *Wine For Dummies*, IDG Books Worldwide (1995).

Long Island Convention and Visitors Bureau, Long Island Travel Guide, (1997).

Long Island Business News, 1999 Long Island Almanac, 33rd edition, (1999).

McGuire, Thomas, A Guide to the Geology of Westchester County, NY, SUNY Purchase, (1991).

Newsday, Inc., *Long Island: Our Story*, (1998).

Olsen-Harbich, R., *North Fork of Long Island* AVA Petition (1985).

Perdue, Lewis, *The Wrath of Grapes*, Spike ISBN, (1999).

Peynaud, E, *Le Gout du Vin*, Paris, (1983).

Prince, William R., *A Treatise on the Vine*, T&J Swords, New York, (1830).

Robinson, J, Vines, *Grapes, and Wines*, London, (1986).

Rutgers University, New Jersey Soils, New Jersey Agricultural Experiment Station, Circular 601, (2000).

Schoonmaker, Frank, *Frank Schoonmaker's Encyclopedia of Wine*, New York, (1964).

Soil Survey of Suffolk County, NYS Soil Conservation Service, USDA (1975).

Soil Survey of Nassau County, NYS Soil Conservation Service, USDA (1987).

Wagner, Philip, *Grapes into Wine*, New York, (1974).

Winkler, A.J., et.al. G*eneral Viticulture*, University of California Press, Davis, CA. (1976).

Long Island Climate Data

Summary Data 1961- present

Aquebogue, New York

Elevation: 100 feet Latitude: 40 58N Longitude: 072 43W

Average Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	52.3	30.4	31.6	39.6	48.7	59.3	68.4	73.5	72.6	65.9	55.6	45.9	35.7

Average High Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	60.9	37.7	38.9	47.6	58.3	69.6	78.4	82.9	81.7	74.8	64.4	53.6	42.7

Average Low Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	43.6	23.1	24.4	31.5	39.1	49	58.3	64	63.5	56.9	46.7	38.1	28.6

Average Precipitation

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
in	45.3	4	3.6	3.9	4.1	3.8	3.7	3.4	3.8	3.2	3.5	4.3	4.1

Bohemia, New York

Elevation: 82 feet Latitude: 40 46N Longitude: 073 01N

Average Temperature

Years on Record: 15

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	51	32	32	39	48	59	68	73	71	64	53	44	35

Average High Temperature

Years on Record: 15

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	59	39	41	46	57	68	77	80	80	73	62	51	42

Average Low Temperature

Years on Record: 15

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	42	24	26	32	39	48	59	66	64	55	44	35	28

Average Precipitation

Years on Record: 15

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
in	46.5	4.2	3.3	4.6	3.6	4.5	4	3.4	5	3	3.5	4	3.6

Bridgehampton, New York

Elevation: 60 feet Latitude: 40 56N Longitude: 072 18E

Average Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	50.9	30	31.1	38.2	46.6	56.2	65.5	71.5	71	64.2	54	45	35.2

Average High Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	58.9	37.6	38.3	45.8	55	64.7	73.8	79.6	79.1	72.8	62.8	52.9	42.6

Average Low Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	42.8	22.3	23.9	30.5	38.2	47.7	57.2	63.4	62.8	55.5	45.2	37.1	27.8

Highest Recorded Temperature

Years on Record: 67

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	102	66	63	79	85	93	95	102	100	94	88	73	65

Lowest Recorded Temperature

Years on Record: 67

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	---	---	---	6	14	29	36	46	41	35	22	10	1

Average Precipitation

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
in	45.6	4.2	3.9	4.1	4	3.8	3.6	3	3.5	3.5	3.4	4.5	4.3

Average Snowfall

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
in	25.6	8.5	8.5	4.9	0.5	---	---	---	---	---	---	0.8	3.8

Average Number of Days Above 90F/32C

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Days	2.7	---	---	---	---	0.1	0.4	1.3	0.7	0.1	---	---	---

Average Number of Days Below 32F/0C

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Days	104	25	22	18	5.3	0.2	---	---	---	---	1.7	9.5	21

Average Number of Days Below 0F/-17C

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Days	0.2	0.1	0.1	---	---	---	---	---	---	---	---	---	---

Brookhaven, New York

Elevation: 70 feet Latitude: 40 49N Longitude: 072 51W

Average Temperature

Years on Record: 16

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	50	30	31	37	47	56	66	71	70	65	54	44	33

Average High Temperature

Years on Record: 16

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	58	37	39	44	55	64	74	79	78	73	63	52	41

Average Low Temperature

Years on Record: 16

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	43	23	24	30	40	48	58	64	63	58	46	37	26

Highest Recorded Temperature

Years on Record: 16

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	96	57	59	70	84	86	96	94	96	92	80	72	62

Lowest Recorded Temperature

Years on Record: 16

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	-2	-1	-2	11	16	33	37	46	49	37	20	17	1

Average Precipitation

Years on Record: 3

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
in.	34.4	2.8	3.1	3.5	4	3.1	2.1	1.3	1.2	2.1	2.9	5.7	2.6

Average Number of Days Above 90F/32C

Years on Record: 16

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Days	2.9	---	---	---	---	---	0.8	1.3	0.7	0.1	---	---	---

Average Number of Days Below 32F/0C

Years on Record: 16

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Days	105.5	26.6	22.8	18.1	4.4	---	---	---	---	---	0.9	9.6	23.1

Average Number of Days Below 0F/-17C

Years on Record: 16

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Days	0.4	0.3	0.1	---	---	---	---	---	---	---	---	---	---

Calverton, New York

Elevation: 100 feet Latitude: 40 57N Longitude: 072 42E

Average Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	52.3	30.4	31.7	39.6	48.8	59.3	68.4	73.5	72.6	65.9	55.6	45.9	35.7

Average High Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	60.9	37.7	38.9	47.6	58.3	69.6	78.4	82.9	81.7	74.8	64.4	53.6	42.7

Average Low Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	43.6	23.1	24.4	31.5	39.2	49	58.3	64	63.5	56.9	46.7	38.1	28.6

Highest Recorded Temperature

Years on Record: 49

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	100	68	68	80	92	96	98	100	98	98	88	80	69

Lowest Recorded Temperature

Years on Record: 49

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	-8	-8	-2	8	18	32	40	47	45	37	24	17	-1

Average Precipitation

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
in	45.4	4	3.6	3.9	4.1	3.8	3.8	3.5	3.8	3.2	3.5	4.3	4.1

Average Number of Days Above 90F/32C

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Days	9.2	---	---	---	0.1	0.5	2	3.9	2.3	0.5	---	---	---

Average Number of Days Below 32F/0C

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Days	97	25	22	17	3.8	0.1	---	---	---	---	0.7	7.6	20

Average Number of Days Below 0F/-17C

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Days	0.3	0.2	0.1	---	---	---	---	---	---	---	---	---	0.1

Carle Place, New York

Elevation: 125 feet Latitude: 40 43N Longitude: 073 36W

Average Temperature

Years on Record: 12

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	51	32	33	37	50	59	68	75	73	66	55	44	35

Average High Temperature

Years on Record: 12

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	59	37	41	44	59	68	77	82	80	73	64	51	41

Average Low Temperature

Years on Record: 12

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	44	26	28	32	41	50	60	66	64	57	48	37	30

Average Precipitation

Years on Record: 12

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
in	40.4	2.8	3.2	4	3.3	3.6	2	3.4	5.1	2.9	3.1	3.4	3.6

East Hampton, New York

Elevation: 55 feet Latitude: 40 57N Longitude: 072 15W

Average Temperature

Years on Record: 16

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	50	30	31	37	47	56	66	71	70	65	54	44	33

Average High Temperature

Years on Record: 16

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	58	37	39	44	55	64	74	79	78	73	63	52	41

Average Low Temperature

Years on Record: 16

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	43	23	24	30	40	48	58	64	63	58	46	37	26

Highest Recorded Temperature

Years on Record: 16

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	96	57	59	70	84	86	96	94	96	92	80	72	62

Lowest Recorded Temperature

Years on Record: 16

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	-2	-1	-2	11	16	33	37	46	49	37	20	17	1

Average Precipitation

Years on Record: 3

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
in.	34.4	2.8	3.1	3.5	4	3.1	2.1	1.3	1.2	2.1	2.9	5.7	2.6

Average Number of Days Above 90F/32C

Years on Record: 16

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Days	2.9	---	---	---	---	---	0.8	1.3	0.7	0.1	---	---	---

Average Number of Days Below 32F/0C

Years on Record: 16

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Days	105.5	26.6	22.8	18.1	4.4	---	---	---	---	---	0.9	9.6	23.1

Average Number of Days Below 0F/-17C

Years on Record: 16

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Days	0.4	0.3	0.1	---	---	---	---	---	---	---	---	---	---

East Setauket, New York

Elevation: 40 feet Latitude: 40 57N Longitude: 073 06E

Average Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	52.6	30.6	32	39.8	49.3	59.2	68.2	73.5	72.7	66.2	56.1	46.5	36.1

Average High Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov	Dec.
°F	61.1	37.8	39.7	48.4	59.2	69.5	77.9	82.6	81.2	74.6	64.5	54	42.9

Average Low Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov	Dec.
°F	44.1	23.3	24.2	31.2	39.3	48.9	58.4	64.4	64.2	57.8	47.7	39	29.2

Highest Recorded Temperature

Years on Record: 71

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	99	67	69	83	92	95	96	99	97	96	91	81	70

Lowest Recorded Temperature

Years on Record: 71

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	-11	-4	-11	7	17	30	38	48	44	36	26	14	-3

Average Precipitation

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
in	45.1	3.6	3.3	4.1	4.1	3.9	3.8	3.5	3.6	3.4	3.5	4.2	4.1

Average Snowfall

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
in	19.2	6.7	6.9	2.6	0.3	---	---	---	---	---	---	0.2	3

Average Number of Days Above 90F/32C

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Days	6.6	---	---	---	---	0.3	1.3	3.1	1.5	0.4	---	---	---

Average Number of Days Below 32F/0C

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Days	94	24	22	17	3.7	0.1	---	---	---	---	0.4	6.5	20

Average Number of Days Below 0F/-17C

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Days	0.4	0.2	0.2	---	---	---	---	---	---	---	---	---	0.1

Garden City, New York

Elevation: 96 feet Latitude: 40 43N Longitude: 073 37E

Average Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	52.8	30.8	32.2	40.5	49.1	59.1	68.9	74.3	73.2	66	55.5	46.3	35.7

Average High Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	60.2	36.7	38.5	47.6	57.2	67.7	77.4	82.5	81.1	73.8	63.1	52.7	41.6

Average Low Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	45.4	24.8	25.8	33.4	41	50.5	60.3	66.1	65.3	58.1	47.8	39.9	29.8

Highest Recorded Temperature

Years on Record: 49

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	103	68	70	85	92	97	101	103	102	97	89	83	67

Lowest Recorded Temperature

Years on Record: 49

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	-4	-4	-1	5	13	34	43	50	46	38	27	18	-1

Average Precipitation

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
in	43.6	3.4	3.2	4.1	4.2	4	3.6	3.8	3.5	3.5	3.4	4.1	3.7

Average Number of Days Above 90F/32C

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Days	11	---	---	---	---	0.4	2.2	4.5	3.1	0.7	---	---	---

Average Number of Days Below 32F/0C

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Days	82	23	20	14	2.4	---	---	---	---	---	0.4	4.7	18

Average Number of Days Below 0F/-17C

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Days	0.2	0.1	0.1	---	---	---	---	---	---	---	---	---	---

Great Neck, New York

Elevation: 23 feet Latitude: 40 46N Longitude: 073 46W

Average Temperature

Years on Record: 51

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	51	32	33	41	50	59	69	75	73	66	55	46	37

Average High Temperature

Years on Record: 51

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	59	37	39	46	57	66	77	82	80	73	64	53	42

Average Low Temperature

Years on Record: 51

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	46	26	28	33	42	51	60	68	66	59	48	39	32

Average Precipitation

Years on Record: 51

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
in	41	3.4	2.9	3.6	3.7	3.9	3.4	3.7	3.6	3.1	2.8	3.3	3.6

Greenport, New York

Elevation: 16 feet Latitude: 41 06N Longitude: 072 22W

Average Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	51.3	29.7	30.6	38	47	57.1	66	72.5	72	65.3	55.5	46.5	35.6

Average High Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	59.2	37.1	38.1	45.9	55.3	65.8	74.3	80.5	80	73.2	63.6	54	43.1

Average Low Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	43.3	22.2	23.1	30.1	38.6	48.3	57.7	64.4	63.9	57.3	47.3	38.8	28.1

Average Precipitation

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
in	45	3.7	3.5	3.7	4.1	3.7	3.7	3.4	4	3.2	3.5	4.4	4

Islip, New York

Elevation: 85 feet Latitude: 40 48N Longitude: 073 06W

Average Temperature

Years on Record: 12

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	53	32	33	40	49	59	69	74	73	65	55	46	36

Average High Temperature

Years on Record: 12

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	61	39	40	48	57	68	77	82	80	73	64	54	43

Average Low Temperature

Years on Record: 12

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	44	24	25	31	41	50	60	67	65	57	46	37	28

Highest Recorded Temperature

Years on Record: 12

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	101	67	67	82	86	95	95	101	94	91	85	78	66

Lowest Recorded Temperature

Years on Record: 12

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	-7	-7	2	8	24	34	46	50	45	38	28	11	7

Average Precipitation

Years on Record: 12

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
in.	44.6	3.4	3.1	3.8	3.1	4.3	3.6	3.6	5	3.4	3.5	4.1	3.6

Average Snowfall

Years on Record: 10

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
in.	20.6	6.2	4.8	4.8	0.3	---	---	---	---	---	---	0.9	3.6

Average Number of Days Above 90F/32C

Years on Record: 12

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Days	7	---	---	---	---	1	2	3	2	---	---	---	---

Average Number of Days Below 32F/0C

Years on Record: 12

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Days	98	25	22	17	3	---	---	---	---	---	1	9	21

Melville, New York

Elevation: 98 feet Latitude: 40 47N Longitude: 073 06W

Average Temperature

Years on Record: 16

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	50	30	31	37	47	56	66	71	70	65	54	44	33

Average High Temperature

Years on Record: 16

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	58	37	39	44	55	64	74	79	78	73	63	52	41

Average Low Temperature

Years on Record: 16

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	43	23	24	30	40	48	58	64	63	58	46	37	26

Highest Recorded Temperature

Years on Record: 16

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	96	57	59	70	84	86	96	94	96	92	80	72	62

Lowest Recorded Temperature

Years on Record: 16

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	-2	-1	-2	11	16	33	37	46	49	37	20	17	1

Average Precipitation

Years on Record: 3

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
in.	34.4	2.8	3.1	3.5	4	3.1	2.1	1.3	1.2	2.1	2.9	5.7	2.6

Average Number of Days Above 90F/32C

Years on Record: 16

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Days	2.9	---	---	---	---	---	0.8	1.3	0.7	0.1	---	---	---

Average Number of Days Below 32F/0C

Years on Record: 16

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Days	105.5	26.6	22.8	18.1	4.4	---	---	---	---	---	0.9	9.6	23.1

Average Number of Days Below 0F/-17C

Years on Record: 16

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Days	0.4	0.3	0.1	---	---	---	---	---	---	---	---	---	---

Patchogue, New York

Elevation: feet Latitude: 40 45N Longitude: 073 00W

Average Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	51.7	29.4	31.1	39.2	48.1	58.1	67.3	73	72.3	65.2	54.6	45.1	34.8

Average High Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	61.4	38.3	40.1	48.8	58.7	68.8	77.6	82.8	82.1	75.5	65.1	54.2	43.3

Average Low Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	41.9	20.5	22	29.5	37.5	47.3	56.9	63.2	62.4	54.9	44.1	35.9	26.3

Highest Recorded Temperature

Years on Record: 49

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	102	67	68	83	90	97	99	98	102	97	85	77	68

Lowest Recorded Temperature

Years on Record: 49

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	-13	-13	-6	-7	12	28	34	46	40	33	17	10	-6

Average Precipitation

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
in	48.5	3.9	3.7	4.2	4.4	4	4.1	3.5	4.4	3.4	3.7	4.6	4.3

Average Snowfall

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
in	29.4	10.1	9.4	5.1	0.6	---	---	---	---	---	---	0.7	4.6

Average Number of Days Above 90F/32C

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Days	7.8	---	---	---	---	0.3	1.4	3.4	2.1	0.5	---	---	---

Average Number of Days Below 32F/0C

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Days	111	25	22	19	6.8	0.5	---	---	---	---	3	12	22

Average Number of Days Below 0F/-17C

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Days	1.3	0.7	0.4	---	---	---	---	---	---	---	---	---	0.1

Riverhead, New York

Elevation: 67 feet Latitude: 40 50N Longitude: 072 37W

Average Temperature

Years on Record: 16

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	50	30	31	37	47	56	66	71	70	65	54	44	33

Average High Temperature

Years on Record: 16

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	58	37	39	44	55	64	74	79	78	73	63	52	41

Average Low Temperature

Years on Record: 16

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	43	23	24	30	40	48	58	64	63	58	46	37	26

Highest Recorded Temperature

Years on Record: 16

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	96	57	59	70	84	86	96	94	96	92	80	72	62

Lowest Recorded Temperature

Years on Record: 16

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	-2	-1	-2	11	16	33	37	46	49	37	20	17	1

Average Precipitation

Years on Record: 3

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
in.	34.4	2.8	3.1	3.5	4	3.1	2.1	1.3	1.2	2.1	2.9	5.7	2.6

Average Number of Days Above 90F/32C

Years on Record: 16

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Days	2.9	---	---	---	---	---	0.8	1.3	0.7	0.1	---	---	---

Average Number of Days Below 32F/0C

Years on Record: 16

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Days	105.5	26.6	22.8	18.1	4.4	---	---	---	---	---	0.9	9.6	23.1

Average Number of Days Below 0F/-17C

Years on Record: 16

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Days	0.4	0.3	0.1	---	---	---	---	---	---	---	---	---	---

Westhampton, New York

Elevation: 59 feet Latitude: 40 51N Longitude: 072 37W

Average Temperature

Years on Record: 18

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	48	30	32	35	46	55	64	69	69	62	53	42	32

Average High Temperature

Years on Record: 18

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	57	35	37	42	53	62	73	78	77	71	62	51	41

Average Low Temperature

Years on Record: 18

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	41	23	24	30	37	46	57	62	60	55	44	35	26

Average Precipitation

Years on Record: 18

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
in	43.4	3.6	3.6	4.4	3.5	3.3	2.1	3.1	4.6	3.4	3.3	4.1	4.5

Connecticut Climate Data

Bridgeport, Connecticut

Elevation: 26 feet Latitude: 41 10N Longitude: 073 08W

Average Temperature

Years on Record: 47

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	52	30	31	39	49	59	68	74	73	66	56	46	35

Average High Temperature

Years on Record: 47

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	60	37	38	46	57	67	77	82	81	74	64	53	41

Average Low Temperature

Years on Record: 47

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	44	23	24	31	40	50	59	66	65	57	47	38	27

Highest Recorded Temperature

Years on Record: 47

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	103	65	67	84	91	92	96	103	100	99	85	78	65

Lowest Recorded Temperature

Years on Record: 47

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	-7	-7	-5	4	18	31	41	49	44	36	26	16	-4

Average Precipitation

Years on Record: 47

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
in.	41.1	3.2	2.9	3.8	3.7	3.6	3	3.5	3.8	3.1	3.2	3.8	3.5

Average Snowfall

Years on Record: 45

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
in.	24.9	7.3	7.3	4.8	0.4	---	---	---	---	---	---	0.6	4.5

Average Number of Days Above 90F/32C

Years on Record: 47

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Days	7	---	---	---	---	---	1	3	2	---	---	---	---

Average Number of Days Below 32F/0C

Years on Record: 47

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Days	100	26	23	17	3	---	---	---	---	---	1	8	22

Burlington, Connecticut

Elevation: 510 feet Latitude: 41 48N Longitude: 072 56W

Average Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	47.8	23.6	25.5	35.1	46.3	57	65.6	70.7	68.9	61.2	50.5	40.7	28.9

Average High Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	58.6	33.5	35.8	45.3	57.4	68.8	77	82	80	72.6	62.2	50.4	37.8

Average Low Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	37.1	13.5	15.3	24.9	35.1	45.2	54.2	59.5	57.8	49.7	38.8	31	19.9

Average Precipitation

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
in	49.3	3.8	3.5	4.2	4.3	4.5	4.1	3.9	4.2	4.3	3.9	4.5	4.2

Coventry, Connecticut

Elevation: 480 feet Latitude: 41 48N Longitude: 072 21W

Average Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	46.4	22.5	24.8	34.7	44.8	55.1	63.6	68.5	67	59.1	48.6	39.8	28.2

Average High Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	58.3	33.8	35.9	45.4	56.7	68.1	76.2	81	79.3	72.2	62.1	50.7	38.4

Average Low Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	34.4	11.2	13.6	24	32.9	42	51	56	54.5	45.9	35	28.9	17.9

Average Precipitation

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
in	47.6	3.6	3.1	3.7	4.3	4.2	4.2	3.9	4	4.1	4	4.5	4

Danbury, Connecticut

Elevation: 457 feet Latitude: 41 22N Longitude: 073 29W

Average Temperature

Years on Record: 18

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	49	27	29	36	48	57	66	71	69	62	54	42	30

Average High Temperature

Years on Record: 18

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	60	35	38	46	59	69	78	83	81	74	66	52	39

Average Low Temperature

Years on Record: 19

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	39	19	21	27	37	46	54	60	58	50	42	32	22

Highest Recorded Temperature

Years on Record: 18

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	100	71	77	80	91	94	97	99	100	100	91	82	68

Lowest Recorded Temperature

Years on Record: 19

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	-16	-16	-16	-4	15	25	35	40	37	23	19	---	-11

Average Precipitation

Years on Record: 20

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
in.	48.8	3.6	3.2	4	4.1	4.3	3.4	4.9	4.8	3.8	3.8	4.9	4.1

Average Snowfall

Years on Record: 19

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
in.	38.6	9.8	8.5	8.3	1.7	---	---	---	---	---	---	2.1	8.2

Average Number of Days Above 90F/32C

Years on Record: 10

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Days	9.3	---	---	---	---	0.3	2	4	2	1	---	---	---

Average Number of Days Below 32F/0C

Years on Record: 10

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Days	132	28	24	24	7	1	---	---	---	1	6	15	26

Falls Village, Connecticut

Elevation: 550 feet Latitude: 41 57N Longitude: 073 22W

Average Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	47.6	22.7	25.4	35.2	46.1	57.8	66	70.7	68.8	61.1	50	39.8	28

Average High Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	59.6	33.6	36.4	46.3	59.1	71.7	79.3	83.8	81.4	73.6	62.7	50.1	37.6

Average Low Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	35.6	11.8	14.3	24	33.1	43.8	52.6	57.5	56.1	48.5	37.1	29.4	18.4

Average Precipitation

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
in	42.6	3	2.8	3.1	3.7	4	4.3	3.7	4.4	3.5	3.3	3.7	3.4

Gaylordsville, Connecticut

Elevation: 260 feet Latitude: 41 39N Longitude: 073 29W

Average Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	48.4	23.8	26.5	36.2	47	57.9	66.4	71.3	69.7	62.1	50.8	40.4	28.9

Average High Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	60	34.3	37.2	47.3	59.6	71.1	79	83.6	81.6	74.1	63.5	50.8	38.4

Average Low Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	36.7	13.2	15.8	25	34.3	44.7	53.7	58.8	57.7	50.1	38.1	30.1	19.4

Average Precipitation

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
in	44.5	3	3.1	3.5	4.1	4.1	3.8	4.2	3.8	3.6	3.6	4	3.7

Groton, Connecticut

Elevation: 10 feet Latitude: 41 19N Longitude: 072 02W

Average Temperature

Years on Record: 17

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	50	29	31	37	48	57	66	72	71	64	54	43	32

Average High Temperature

Years on Record: 17

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	59	37	39	45	57	66	75	81	80	74	64	52	40

Average Low Temperature

Years on Record: 17

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	42	22	23	30	39	48	57	64	62	55	45	35	25

Highest Recorded Temperature

Years on Record: 17

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	100	60	60	74	83	86	96	100	100	91	84	74	62

Lowest Recorded Temperature

Years on Record: 17

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	-8	-8	-5	1	17	32	40	47	46	33	25	14	-3

Average Precipitation

Years on Record: 17

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
in.	44.4	3.7	3.2	4.3	4.1	4	2.6	3.1	4.1	3.4	3.5	4.4	4.1

Average Snowfall

Years on Record: 17

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
in.	34.5	8.9	9	7.1	0.9	---	---	---	---	---	---	0.9	7.7

Average Number of Days Above 90F/32C

Years on Record: 12

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Days	3	---	---	---	---	---	0.5	1.6	0.7	0.2	---	---	---

Average Number of Days Below 32F/0C

Years on Record: 12

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Days	110.4	26.2	22.8	20.3	3.8	0.1	---	---	---	---	1.6	11.3	24.3

Average Number of Days Below 0F/-17C

Years on Record: 12

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Days	0.9	0.6	0.2	---	---	---	---	---	---	---	---	---	0.1

Hartford, Connecticut

Elevation: 160 feet Latitude: 41 56N Longitude: 072 41W

Average Temperature

Years on Record: 47

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	50	26	28	37	49	60	69	74	72	63	53	42	30

Average High Temperature

Years on Record: 47

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	60	34	37	46	60	71	80	85	82	74	64	51	38

Average Low Temperature

Years on Record: 47

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	40	17	19	28	38	47	57	62	60	52	41	33	22

Highest Recorded Temperature

Years on Record: 47

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	102	66	73	87	96	97	101	102	101	101	91	83	74

Lowest Recorded Temperature

Years on Record: 47

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	-26	-26	-21	-8	9	28	37	44	36	27	17	1	-14

Average Precipitation

Years on Record: 47

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
in.	44.2	3.4	3.1	3.9	3.9	3.7	3.5	3.3	4	3.8	3.6	4.1	3.9

Average Snowfall

Years on Record: 39

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
in.	47.3	12	11.4	9.9	1.6	---	---	---	---	---	0.1	2	10.3

Average Number of Days Above 90F/32C

Years on Record: 47

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Days	18	---	---	---	---	1	4	8	4	1	---	---	---

Average Number of Days Below 32F/0C

Years on Record: 47

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Days	134	28	25	22	8	1	---	---	---	---	6	16	27

Meriden, Connecticut

Elevation: 369 feet Latitude: 41 33N Longitude: 072 43W

Average Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	50.3	27.1	29.2	37.9	48.3	58.9	67.8	72.8	70.9	63.1	52.8	43.3	32

Average High Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	59.5	34.9	37.3	46.5	58.3	69.7	78.6	83.3	80.6	72.6	62	51.2	39.3

Average Low Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	41.1	19.2	21	29.3	38.2	47.9	57	62.3	61	53.4	43.5	35.4	24.7

Average Precipitation

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
in	49.7	3.9	3.5	4.1	4.4	4.6	4.1	3.8	4	4.3	4.2	4.5	4.2

New Haven, Connecticut

Elevation: 14 feet Latitude: 41 15N Longitude: 072 53W

Average Temperature

Years on Record: 17

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	50	29	31	37	48	57	66	72	71	64	54	43	32

Average High Temperature

Years on Record: 17

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	59	37	39	45	57	66	75	81	80	74	64	52	40

Average Low Temperature

Years on Record: 17

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	42	22	23	30	39	48	57	64	62	55	45	35	25

Highest Recorded Temperature

Years on Record: 17

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	100	60	60	74	83	86	96	100	100	91	84	74	62

Lowest Recorded Temperature

Years on Record: 17

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	-8	-8	-5	1	17	32	40	47	46	33	25	14	-3

Average Precipitation

Years on Record: 17

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
in.	44.4	3.7	3.2	4.3	4.1	4	2.6	3.1	4.1	3.4	3.5	4.4	4.1

Average Snowfall

Years on Record: 17

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
in.	34.5	8.9	9	7.1	0.9	---	---	---	---	---	---	0.9	7.7

Average Number of Days Above 90F/32C

Years on Record: 12

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Days	3	---	---	---	---	---	0.5	1.6	0.7	0.2	---	---	---

Average Number of Days Below 32F/0C

Years on Record: 12

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Days	110.4	26.2	22.8	20.3	3.8	0.1	---	---	---	---	1.6	11.3	24.3

Average Number of Days Below 0F/-17C

Years on Record: 12

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Days	0.9	0.6	0.2	---	---	---	---	---	---	---	---	---	0.1

New London, Connecticut

Elevation: 40 feet Latitude: 41 21N Longitude: 072 03W

Average Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	49.9	27.7	29.4	37.6	46.7	56.4	65.4	71.4	70.7	63.3	53	43.9	33

Average High Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	59.2	36.9	38.5	46.6	56.4	66	75	80.7	79.9	73.1	63	52.9	41.7

Average Low Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	40.5	18.5	20.3	28.5	37	46.7	55.7	62.1	61.3	53.5	43	34.8	24.3

Average Precipitation

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
in	48.2	4.2	3.8	4.3	4.3	4.1	3.5	3.3	3.7	3.6	3.9	4.9	4.7

Norfolk, Connecticut

Elevation: 1337 feet Latitude: 41 58N Longitude: 073 13W

Average Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	44.1	19.1	20.7	30.6	42.3	54.1	62.6	67.6	65.7	58	47	36.9	24.6

Average High Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	53.3	27.4	29.5	39.6	52.4	64.8	72.8	77.5	75.4	67.6	56.4	44.4	32

Average Low Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	34.8	10.8	11.9	21.5	32.2	43.3	52.4	57.5	55.9	48.3	37.7	29.3	17.2

Average Precipitation

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
in	51.5	4	3.9	4.2	4.5	4.6	4.6	4.2	4.6	4.1	3.9	4.6	4.4

Norwalk, Connecticut

Elevation: 37 feet Latitude: 41 07N Longitude: 073 25W

Average Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	50.5	27.5	29.3	38.3	48.3	57.8	67.3	72.9	71.6	64	52.7	43.7	32.5

Average High Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	60.9	37	38.9	48	58.9	68.8	78.3	83.5	82.3	75.2	64.4	53.6	41.5

Average Low Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	40	17.9	19.6	28.6	37.7	46.7	56.3	62.2	60.7	52.6	40.8	33.7	23.5

Average Precipitation

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
in	46.8	3.6	3.1	3.9	4.3	4.6	3.9	3.9	3.7	3.9	3.7	4.3	4

Norwich, Connecticut

Elevation: 20 feet Latitude: 41 32N Longitude: 072 04W

Average Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	50.3	27.6	29.7	38.4	48.1	58.4	66.8	72.2	70.7	63.4	52.8	43.3	32.4

Average High Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	60.9	37.6	39.6	48.5	59.3	70	78	82.7	81	74.4	64.7	53.5	41.6

Average Low Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	39.7	17.5	19.7	28.2	36.9	46.8	55.5	61.7	60.4	52.3	40.8	33.1	23.1

Average Precipitation

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
in	50	4	3.9	4.5	4.6	4.5	3.3	3.7	3.9	3.9	4.1	5	4.7

Stamford, Connecticut

Elevation: 190 feet Latitude: 41 08N Longitude: 073 33W

Average Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	50.8	27.4	29.9	38.9	49	59.1	67.7	72.6	71.2	64	53.3	43.4	32.5

Average High Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	61.9	37.2	40.2	49.7	61.3	71.7	80	84.4	82.5	75.5	65.2	53.5	41.3

Average Low Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	39.6	17.6	19.6	28	36.7	46.3	55.4	60.7	59.7	52.4	41.4	33.4	23.6

Average Precipitation

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
in	49.4	3.8	3.4	4.2	4.4	4.7	4	4	4	4.1	4.1	4.6	4.2

Storrs, Connecticut

Elevation: 650 feet Latitude: 41 48N Longitude: 072 15W

Average Temperature

Years on Record: 106

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	46	26	26	33	44	55	64	69	68	60	50	39	30

Average High Temperature

Years on Record: 105

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	55	33	33	42	55	66	75	78	77	69	60	48	37

Average Low Temperature

Years on Record: 105

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	37	17	19	26	33	44	53	59	57	50	39	32	23

Average Precipitation

Years on Record: 109

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
in	45.8	3.6	3.3	4.1	3.8	3.7	3.4	4.2	4.2	3.9	3.7	4.1	3.9

Stratford, Connecticut

Elevation: 10 feet Latitude: 41 10N Longitude: 073 08W

Average Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	51.7	28.9	30.4	38.6	48.2	58.4	67.6	73.7	73.1	65.9	55.6	45.6	34.3

Average High Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	59.5	36	37.6	46.2	56.6	66.7	76	81.7	80.9	74.2	64.1	53	41

Average Low Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	43.9	21.9	23.2	30.9	39.8	50	59.1	65.7	65.1	57.6	47.1	38.2	27.6

Average Precipitation

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
in	41.7	3.2	3	3.8	3.8	3.9	3.5	3.8	3.3	3.1	3.1	3.8	3.5

Wethersfield, Connecticut

Elevation: 15 feet Latitude: 41 44N Longitude: 072 39W

Average Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	49.7	25.4	27.9	37.2	47.9	58.7	67.6	73	71.2	63.1	52	42.2	30.3

Average High Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	59.9	34.6	37.4	46.8	58.6	69.9	78.4	83.5	81.7	74.3	63.3	51.6	38.8

Average Low Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	39.5	16.1	18.4	27.6	37.3	47.4	56.8	62.4	60.7	51.9	40.7	32.8	21.8

Average Precipitation

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
in	42.8	3.3	3	3.4	3.8	4	3.8	3.6	3.5	3.6	3.5	3.7	3.6

Willimantic, Connecticut

Elevation: 244 feet Latitude: 41 44N Longitude: 072 10W

Average Temperature

Years on Record: 14

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	50	28	29	38	49	58	67	73	70	63	54	42	30

Average High Temperature

Years on Record: 14

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	61	37	38	48	60	69	79	84	81	75	66	52	39

Average Low Temperature

Years on Record: 14

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	40	19	20	29	38	47	56	62	59	52	42	33	21

Highest Recorded Temperature

Years on Record: 14

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	101	65	72	86	87	93	100	98	100	101	89	83	66

Lowest Recorded Temperature

Years on Record: 14

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	-16	-16	-9	-4	14	29	40	45	42	29	23	14	-8

Average Precipitation

Years on Record: 13

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
in.	44.5	3.3	3	4.1	4.2	4	2.8	3.2	4.3	3.4	3.5	4.8	3.8

Average Snowfall

Years on Record: 11

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
in.	43.6	14.2	11.3	7.1	0.6	---	---	---	---	---	---	1.4	9

Average Number of Days Above 90F/32C

Years on Record: 14

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Days	13.2	---	---	---	---	0.6	3.6	5.6	2.6	0.8	---	---	---

Average Number of Days Below 32F/0C

Years on Record: 14

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Days	128	27.9	25.4	21.3	6.1	0.5	---	---	---	0.4	4.2	15.6	26.6

Average Number of Days Below 0F/-17C

Years on Record: 14

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Days	3.6	1.4	1.1	0.1	---	---	---	---	---	---	---	---	1

Windsor Locks, Connecticut

Elevation: 180 feet Latitude: 41 55N Longitude: 072 40W

Average Temperature

Years on Record: 51

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	48	26	28	35	48	59	68	73	69	62	51	41	30

Average High Temperature

Years on Record: 50

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	59	33	35	44	59	69	78	84	82	73	62	50	37

Average Low Temperature

Years on Record: 50

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	39	17	21	28	37	46	55	60	59	51	39	32	23

Average Precipitation

Years on Record: 50

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
in	44.3	3.5	3.1	3.9	3.8	3.8	3.6	3.3	4	3.9	3.6	4	3.8

New Jersey Climate Data

Summery data from 1961-present

Boonton, New Jersey

Elevation: 280 feet Latitude: 40 54N Longitude: 074 24W

Average Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	50.3	26.4	28.6	38.4	48.9	59.1	67.7	72.6	71	63.6	52.3	43.1	31.9

Average High Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	60.4	35.1	37.9	47.8	59.2	70.1	78.5	83.4	81.7	74.9	63.9	52.4	40.1

Average Low Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	40.1	17.6	19.3	28.8	38.5	48	56.9	61.8	60.3	52.3	40.6	33.6	23.7

Average Precipitation

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
in	48.3	3.4	3.1	3.9	4.2	4.8	4.1	4.6	4.2	4.4	3.6	4.3	3.8

Bridgewater, New Jersey

Elevation: 160 feet Latitude: 40 36N Longitude: 074 38W

Average Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	50.6	26.7	28.7	38.4	48.7	59.3	68.4	73.3	71.7	64	52.6	42.9	32.1

Average High Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	61.6	36.1	38.8	49.3	60.5	71.5	80.3	85.2	83.2	75.8	64.6	53.2	40.9

Average Low Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	39.5	17.1	18.6	27.5	36.9	47	56.4	61.4	60.3	52.2	40.6	32.5	23.2

Average Precipitation

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
in	46.4	3.4	2.9	3.6	4	4.4	3.9	4.7	4.6	4.2	3.3	3.8	3.6

Butler, New Jersey

Elevation: 760 feet Latitude: 41 02N Longitude: 074 26W

Average Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	48.1	24.5	26.2	35.8	46.6	56.8	65.4	70.3	68.6	61.4	50.6	41.4	29.9

Average High Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	59	34.1	36.4	46.2	57.7	68.7	76.7	81.9	80.2	73.3	62.8	51.2	38.7

Average Low Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	37.2	14.9	16	25.3	35.4	44.9	53.9	58.7	57	49.4	38.4	31.5	21.1

Average Precipitation

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
in	51	3.6	3.4	4.2	4.4	4.9	4.2	4.5	4.6	4.4	4	4.8	4

Clinton, New Jersey

Elevation: 259 feet Latitude: 40 34N Longitude: 074 52W

Average Temperature

Years on Record: 100

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	50	30	32	39	50	59	68	73	71	64	53	42	32

Average High Temperature

Years on Record: 100

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	60	37	39	50	60	73	80	86	84	77	66	53	41

Average Low Temperature

Years on Record: 100

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	39	21	21	30	37	46	55	60	59	51	41	32	24

Average Precipitation

Years on Record: 119

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
in	45.4	3.5	3.1	3.9	3.8	4	3.9	4.6	4.4	3.8	3.4	3.4	3.7

Essex Fells, New Jersey

Elevation: 350 feet Latitude: 40 50N Longitude: 074 17W

Average Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	50.5	26.5	29.1	38.5	48.8	59.3	67.9	73.1	71.4	63.9	52.8	43.3	31.7

Average High Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	61.4	35.6	38.8	49.1	60.4	71.4	79.6	84.8	82.9	75.8	64.8	53.3	40.5

Average Low Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	39.6	17.4	19.3	27.9	37.2	47.1	56.1	61.5	59.8	52	40.7	33.4	22.9

Average Precipitation

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
in	49.9	3.7	3.2	3.9	4.5	4.8	4	4.9	4.3	4.5	3.8	4.2	4.1

Glassboro, New Jersey

Elevation: 127 feet Latitude: 39 42N Longitude: 075 07W

Average Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	53.7	30.5	32.8	42.1	51.6	61.8	70.9	75.7	74.4	67.4	55.7	46.4	35.6

Average High Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	63.4	38.7	41.4	51.4	61.8	72.4	81.3	85.6	84.3	77.6	66.4	55.6	43.8

Average Low Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	44.1	22.2	24.1	32.7	41.4	51.2	60.5	65.7	64.4	57	45	37.1	27.4

Average Precipitation

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
in	43.8	3.3	2.9	3.6	3.9	4	3.6	4.3	4.3	3.5	3.3	3.6	3.6

Hammonton, New Jersey

Elevation: 85 feet Latitude: 39 39N Longitude: 074 48W

Average Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	53.6	30.5	32.8	42	51.5	61.7	70.7	75.7	74.3	67	55.5	46.3	35.7

Average High Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	64.7	40.2	42.8	52.7	63	73.5	82.4	87.1	85.7	79	67.9	57.2	45.3

Average Low Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	42.5	20.8	22.8	31.3	39.9	49.9	58.9	64.3	62.8	54.8	43	35.3	26

Average Precipitation

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
in	43.8	3.3	3.1	3.6	3.9	3.7	3.7	4.5	4	3.6	3.1	3.6	3.7

Hightstown, New Jersey

Elevation: 100 feet Latitude: 40 16N Longitude: 074 34W

Average Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	52	28.7	30.8	40.3	49.9	60.2	69.4	74.1	72.6	65.1	54.1	44.7	34.2

Average High Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	62.2	37.4	40	50.1	60.8	71.6	80.6	84.9	83.2	76.1	65.4	54.3	42.3

Average Low Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	41.8	20.1	21.6	30.4	39	48.9	58.2	63.1	62	54.1	42.9	35	26

Average Precipitation

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
in	45.9	3.3	2.9	3.7	4	4.2	3.5	5.1	4.5	4.1	3.2	3.8	3.6

Lambertville, New Jersey

Elevation: 60 feet Latitude: 40 22N Longitude: 074 57W

Average Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	53.3	29.6	32.2	41.7	51.3	62	70.9	75.4	74	66.8	55.5	45.3	34.5

Average High Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	64.3	38.6	41.9	52.5	63.6	74.9	83.2	87.3	85.4	78.7	67.5	55.4	42.9

Average Low Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	42.2	20.5	22.6	30.8	39	49.1	58.4	63.4	62.4	54.9	43.4	35.3	26

Average Precipitation

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
in	45.4	3.4	2.9	3.8	3.9	4.4	3.7	4.7	4.1	4	3.1	3.9	3.6

Millville, New Jersey

Elevation: 87 feet Latitude: 39 22N Longitude: 075 04W

Average Temperature

Years on Record: 14

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	54	34	35	42	51	62	71	76	74	66	57	45	34

Average High Temperature

Years on Record: 14

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	64	43	45	52	62	73	82	87	84	77	68	56	43

Average Low Temperature

Years on Record: 14

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	44	25	26	32	41	51	60	66	64	56	46	35	25

Highest Recorded Temperature

Years on Record: 14

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	101	74	73	80	87	93	100	100	101	97	87	84	71

Lowest Recorded Temperature

Years on Record: 14

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	-10	-10	-2	6	17	34	42	49	45	35	24	14	4

Average Precipitation

Years on Record: 19

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
in.	41.7	3.1	2.8	3.9	3.1	3.7	3.3	3.7	4.8	3.2	3	3.8	3.4

Average Snowfall

Years on Record: 10

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
in.	12.4	5.2	1.8	1.6	0.1	---	---	---	---	---	---	2	1.7

Average Number of Days Above 90F/32C

Years on Record: 14

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Days	21.5	---	---	---	---	0.7	5.3	10	4.3	1.2	---	---	---

Average Number of Days Below 32F/0C

Years on Record: 14

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Days	106.1	24	21.4	17.1	4.5	---	---	---	---	---	2.2	12.9	24

Average Number of Days Below 0F/-17C

Years on Record: 14

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Days	1.2	1.1	0.1	---	---	---	---	---	---	---	---	---	---

Moorestown, New Jersey

Elevation: 43 feet Latitude: 39 58N Longitude: 074 58W

Average Temperature

Years on Record: 135

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	51	32	32	39	50	60	69	73	71	66	53	42	33

Average High Temperature

Years on Record: 105

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	62	39	41	50	62	73	80	84	82	77	66	53	42

Average Low Temperature

Years on Record: 105

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	42	24	24	32	39	50	59	62	62	55	44	33	28

Average Precipitation

Years on Record: 133

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
in	44.7	3.4	3.2	3.7	3.5	3.9	3.8	4.6	4.9	3.7	3.3	3.3	3.5

Morris Plains, New Jersey

Elevation: 400 feet Latitude: 40 50N Longitude: 074 30W

Average Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	49.9	26.3	28.6	38.2	48.3	58.4	67.1	72	70.4	63.2	52	42.6	31.4

Average High Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	61.1	36	38.8	48.7	59.9	70.6	79.1	84.1	82.3	75.3	64.6	53.1	40.8

Average Low Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	38.6	16.5	18.5	27.5	36.7	46.2	55	59.8	58.6	51	39.4	32.1	22

Average Precipitation

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
in	50.8	3.7	3.1	4.1	4.5	5	4.2	5	4.4	4.5	3.8	4.5	4

Newark, New Jersey

Elevation: 30 feet Latitude: 40 42N Longitude: 074 10W

Average Temperature

Years on Record: 61

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	55	32	33	42	52	63	72	77	76	68	57	47	36

Average High Temperature

Years on Record: 61

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	63	38	41	50	61	72	81	86	84	77	66	54	42

Average Low Temperature

Years on Record: 61

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	46	24	25	33	43	53	62	68	67	59	48	39	28

Highest Recorded Temperature

Years on Record: 61

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	105	74	76	89	94	98	102	105	103	105	93	85	72

Lowest Recorded Temperature

Years on Record: 61

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	-8	-8	-7	6	16	33	41	52	45	35	25	15	-1

Average Precipitation

Years on Record: 61

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
in.	43.5	3.4	3	4	3.7	3.9	3.3	4.2	4.1	3.6	3	3.8	3.4

Average Snowfall

Years on Record: 52

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
in.	27	7.5	7.9	4.9	0.7	---	---	---	---	---	---	0.5	5.5

Average Number of Days Above 90F/32C

Years on Record: 61

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Days	24	---	---	---	---	1	5	9	7	2	---	---	---

Average Number of Days Below 32F/0C

Years on Record: 61

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Days	90	24	22	14	2	---	---	---	---	---	1	7	20

Newton, New Jersey

Elevation: 600 feet Latitude: 41 02N Longitude: 074 48W

Average Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	47.9	23.1	25.5	35.9	46.8	57.3	66.1	70.8	68.9	61.1	49.7	40.3	28.9

Average High Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	59.5	33.4	36.3	46.8	58.8	70.2	78.5	83.3	81.3	74	62.8	50.8	38.2

Average Low Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	36.2	12.7	14.7	24.9	34.7	44.4	53.6	58.2	56.5	48.2	36.5	29.8	19.6

Average Precipitation

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
in	44.6	3	2.7	3.3	3.9	4.3	4.3	4.4	4.5	3.9	3.3	3.8	3.3

Plainfield, New Jersey

Elevation: 90 feet Latitude: 40 36N Longitude: 074 24W

Average Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	53	29.4	32.4	41.5	51.3	61.7	70.3	75	73.7	66.4	55.2	45	34.2

Average High Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	63.2	37.3	41.1	51.6	62.6	73.5	81.8	86.4	84.8	77.6	66.5	54	41.5

Average Low Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	42.7	21.5	23.6	31.4	39.9	49.8	58.7	63.6	62.5	55.2	43.8	36	26.8

Average Precipitation

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
in	49	3.5	3.1	4	4.1	4.6	3.7	5.2	4.7	4.3	3.6	4.2	3.9

Sussex, New Jersey

Elevation: 390 feet Latitude: 41 12N Longitude: 074 36W

Average Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	47.7	22.9	25.2	35.6	46.6	57.1	65.8	70.6	68.8	61.2	50	40.3	28.6

Average High Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	59.5	33.5	36.4	46.6	58.7	70	78.1	82.9	81.1	73.9	63.1	51.1	38.2

Average Low Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	35.9	12.2	14	24.5	34.4	44.1	53.4	58.3	56.5	48.4	36.8	29.5	19.1

Average Precipitation

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
in	46.1	3.4	3	3.5	4	4.4	4.4	4.5	4.2	3.8	3.4	3.9	3.5

Trenton, New Jersey

Elevation: 187 feet Latitude: 40 13N Longitude: 074 46W

Average Temperature

Years on Record: 19

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	54	31	33	42	52	62	71	76	75	67	56	47	36

Average High Temperature

Years on Record: 19

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	62	37	40	50	61	71	80	85	83	76	65	54	42

Average Low Temperature

Years on Record: 19

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	46	24	25	34	43	53	62	67	66	59	48	39	30

Highest Recorded Temperature

Years on Record: 19

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	102	70	69	83	93	94	98	102	98	96	86	81	72

Lowest Recorded Temperature

Years on Record: 19

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	-4	-4	-2	8	24	35	43	53	48	37	28	15	1

Average Precipitation

Years on Record: 19

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
in.	42	3.1	2.8	3.5	3	3.6	3.5	4.6	3.8	4.1	2.9	3.3	3.7

Average Number of Days Above 90F/32C

Years on Record: 19

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Days	16	---	---	---	---	1	3	6	5	1	---	---	---

Average Number of Days Below 32/0C

Years on Record: 19

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Days	85	24	21	12	2	---	---	---	---	---	1	6	19

Tuckerton, New Jersey

Elevation: 20 feet Latitude: 39 36N Longitude: 074 21W

Average Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	53.5	31.2	33.5	41.6	50.3	60.4	69.8	75	73.9	67.2	56.2	46.7	36.5

Average High Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	63.4	40.5	42.9	51.5	60.8	70.8	80	84.7	83.6	77.3	66.8	56.4	45.5

Average Low Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	43.6	21.9	24	31.6	39.7	49.9	59.6	65.2	64.2	57.1	45.5	36.9	27.3

Average Precipitation

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
in	45	3.7	3.4	4.1	4.2	3.6	3.1	4.1	4.6	3.4	3.2	3.9	3.8

Woodstown, New Jersey

Elevation: 50 feet Latitude: 39 39N Longitude: 075 19W

Average Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	54.4	31.2	33.6	43	52.5	62.9	71.8	76.2	74.8	67.8	56.5	46.7	36.3

Average High Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	65.2	40.1	43.2	53.7	64.6	75.4	83.7	87.6	85.9	79.3	67.9	56.6	44.9

Average Low Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	43.6	22.3	24.1	32.3	40.3	50.5	59.8	64.8	63.6	56.3	45.2	36.7	27.6

Average Precipitation

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
in	43.7	3.3	2.9	3.6	3.8	3.8	3.8	4.3	4.1	3.5	3.3	3.6	3.8

Climate Data for Westchester County and Upstate New York

Ardsley, New York

Elevation: 200 feet Latitude: 41 00N Longitude: 073 50E

Average Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	53.2	29.7	31.8	40.8	51.3	61.5	70.2	75.3	73.9	66.6	55.8	45.8	34.6

Average High Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	62	36.7	39.6	49.7	61.5	72	80.2	85	83.1	75.7	64.6	53.3	41.2

Average Low Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	44.4	22.6	24	31.9	41	51	60.2	65.5	64.6	57.4	47	38.3	27.9

Highest Recorded Temperature

Years on Record: 49

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	104	73	75	84	96	97	99	104	102	101	89	82	71

Lowest Recorded Temperature

Years on Record: 49

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	-10	-10	-5	2	17	29	40	49	44	34	27	12	-4

Average Precipitation

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
in	50.4	3.8	3.6	4.4	4.5	4.7	3.9	4.3	4.3	4.1	3.8	4.6	4.3

Average Snowfall

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
in	36.1	10.9	11.3	6	0.7	---	---	---	---	---	0.1	1.1	6.1

Average Number of Days Above 90F/32C

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Days	15	---	---	---	0.1	0.6	3	6.5	4	0.8	---	---	---

Average Number of Days Below 32F/0C

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Days	99	25	22	17	3.6	0.1	---	---	---	---	1.2	8.6	21

Average Number of Days Below 0F/-17C

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Days	0.8	0.5	0.3	---	---	---	---	---	---	---	---	---	0.1

Garrison, New York

Elevation: 320 feet Latitude: 41 23N Longitude: 073 57E

Average Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	51.9	27.1	29.4	39.3	50.4	61.3	70	74.9	73.2	65.6	54.5	43.8	32

Average High Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	61.7	35.1	38.4	49	61.6	72.8	81.3	86.1	83.9	75.7	64	51.7	39.2

Average Low Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	42.1	19	20.4	29.5	39.2	49.7	58.6	63.7	62.5	55.4	44.9	35.9	24.8

Highest Recorded Temperature

Years on Record: 49

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	105	71	71	81	96	97	102	103	103	105	89	82	71

Lowest Recorded Temperature

Years on Record: 49

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	-15	-15	-11	---	15	27	40	45	41	32	22	10	-7

Average Precipitation

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
in	47.1	3.4	3.4	3.8	4	4.8	4	4	4.2	4	3.8	4.4	4

Average Snowfall

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
in	34.9	11.1	11.9	5.3	0.4	---	---	---	---	---	---	1.2	7.8

Average Number of Days Above 90F/32C

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Days	21	---	---	---	0.1	1	4.3	9.1	5.2	1.3	---	---	---

Average Number of Days Below 32F/0C

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Days	114	27	24	19	5.1	0.1	---	---	---	---	1.8	11	25

Average Number of Days Below 0F/-17C

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Days	2.1	1.2	0.7	---	---	---	---	---	---	---	---	---	0.2

High Falls, New York

Elevation: 1245 feet Latitude: 41 46N Longitude: 074 09E

Average Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	48.3	23.5	25.8	35.3	46.4	58	66.2	71	69.4	62.2	51.8	40.5	28.4

Average High Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	56.4	30.7	33.8	44.1	56.2	67.6	74.8	79.2	77.4	70.2	59.5	47.2	35

Average Low Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	40.1	16.3	17.7	26.4	36.5	48.4	57.5	62.7	61.3	54.1	44.1	33.7	21.7

Highest Recorded Temperature

Years on Record: 49

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	98	65	70	78	91	90	94	98	97	95	85	78	66

Lowest Recorded Temperature

Years on Record: 49

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	-19	-19	-13	-3	1	25	37	46	42	32	21	8	-12

Average Precipitation

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
in	47.5	3.3	3.3	3.8	4.2	4.9	4.1	4.2	4	4	3.6	4.1	3.9

Average Snowfall

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
in	68.4	16	16.2	12.4	4	0.5	---	---	---	---	0.2	4.5	14.6

Average Number of Days Above 90F/32C

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Days	2.4	---	---	---	---	0.1	0.3	1.3	0.6	0.1	---	---	---

Average Number of Days Below 32F/0C

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Days	130	29	25	23	8.8	0.4	---	---	---	---	2.4	14	27

Average Number of Days Below 0F/-17C

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Days	4.4	2.2	1.5	0.2	---	---	---	---	---	---	---	---	0.6

Highland Falls, New York

Elevation: 318 feet Latitude: 41 22N Longitude: 073 58W

Average Temperature

Years on Record: 174

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	50	28	30	35	48	59	68	73	71	64	53	41	32

Average High Temperature

Years on Record: 108

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	59	33	35	46	59	71	80	84	82	75	62	50	37

Average Low Temperature

Years on Record: 108

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	41	21	21	30	37	48	57	62	60	53	44	33	24

Average Precipitation

Years on Record: 162

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
in	47	3.5	3.2	3.9	4	4.4	3.9	4.4	4.3	3.9	3.8	4.1	3.8

Hillburn, New York

Elevation: 270 feet Latitude: 41 07N Longitude: 074 09W

Average Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	49.9	26	28.1	37.6	48.5	58.8	67.4	72.4	70.6	63.2	52	42.5	31.4

Average High Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	60.9	35.8	38.2	48	59.6	70.7	79	83.9	82.3	75.2	64.4	52.7	40.4

Average Low Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	38.8	16.1	18	27.2	37.3	46.8	55.8	60.8	58.9	51.1	39.7	32.1	22.3

Average Precipitation

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
in	49.3	3.3	3.2	3.8	4.6	5	4.1	4.4	4.6	4.5	3.9	4.5	3.6

Middletown, New York

Elevation: 700 feet Latitude: 41 27N Longitude: 074 27W

Average Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	50.5	25.4	28	37.8	49.4	60.2	68.5	73.3	71.6	64.4	53.8	42.9	30.6

Average High Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	60.4	34.1	37.6	47.9	60.3	71.6	79.3	83.8	82	74.8	64.2	51.1	38.3

Average Low Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	40.5	16.7	18.5	27.5	38.4	48.8	57.7	62.7	61.2	54	43.4	34.6	23

Average Precipitation

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
in	42	2.7	2.6	3.1	3.6	4.5	4.1	4	3.7	3.5	3.2	3.7	3.2

Millbrook, New York

Elevation: feet Latitude: 41 47N Longitude: 073 41W

Average Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	47.6	22.7	25.5	35.5	46.3	57.1	65	69.6	68.2	60.6	50	39.6	28

Average High Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	59	33.2	36.5	46.3	58.2	69.7	77.1	81.8	79.9	72.5	62.5	49.7	37.3

Average Low Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	36.1	12.1	14.5	24.7	34.3	44.5	52.8	57.3	56.4	48.6	37.5	29.5	18.6

Highest Recorded Temperature

Years on Record: 49

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	118	66	78	80	91	96	118	98	99	99	86	79	69

Lowest Recorded Temperature

Years on Record: 49

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	-29	-29	-20	-11	7	22	32	39	33	25	5	---	-20

Average Precipitation

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
in	38.8	2.7	2.5	2.9	3	3.9	4.3	4.1	4	3.2	3.1	3.2	3.4

Average Snowfall

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
in	46.3	13.7	11.2	8.3	1.8	0.3	---	---	---	---	---	2.4	11.1

Average Number of Days Above 90F/32C

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Days	5.8	---	---	---	0.1	0.1	1	2.7	1.5	0.4	---	---	---

Average Number of Days Below 32F/0C

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Days	147	27	25	24	12	2.6	0.1	---	---	1.2	9.6	19	27

Average Number of Days Below 0F/-17C

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Days	10	4.3	3.2	0.3	---	---	---	---	---	---	---	---	2.2

New York, New York

Elevation: 131 feet Latitude: 40 47N Longitude: 073 58W

Average Temperature

Years on Record: 33

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	55	32	34	43	53	63	72	77	76	68	58	48	37

Average High Temperature

Years on Record: 33

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	63	38	40	50	61	72	80	85	84	76	65	54	43

Average Low Temperature

Years on Record: 33

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	47	26	27	35	44	54	63	69	67	60	50	41	31

Highest Recorded Temperature

Years on Record: 33

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	104	68	75	85	96	97	101	104	99	99	88	81	72

Lowest Recorded Temperature

Years on Record: 33

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	-2	-2	-2	8	21	36	46	53	50	40	29	17	-1

Average Precipitation

Years on Record: 32

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
in.	46.7	3.5	3.1	4	3.8	4.4	3.6	4.4	4.1	4	3.4	4.4	3.8

Average Snowfall

Years on Record: 125

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
in.	28.1	7.5	8.4	5	0.9	---	---	---	---	---	---	0.9	5.4

Average Number of Days Above 90F/32C

Years on Record: 33

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Days	19	---	---	---	---	1	3	8	5	1	---	---	---

Average Number of Days Below 32F/0C

Years on Record: 33

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Days	75	22	20	11	1	---	---	---	---	---	---	4	17

Newburgh, New York

Elevation: 361 feet Latitude: 41 30N Longitude: 074 15W

Average Temperature

Years on Record: 9

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	50	26	30	35	50	59	68	72	71	64	53	42	30

Average High Temperature

Years on Record: 9

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	60	35	39	45	61	71	80	84	82	75	64	51	38

Average Low Temperature

Years on Record: 9

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	40	18	21	26	39	47	57	61	60	53	42	33	22

Highest Recorded Temperature

Years on Record: 9

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	101	60	73	72	85	88	97	101	97	100	86	69	62

Lowest Recorded Temperature

Years on Record: 9

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	-21	-14	-18	1	13	30	38	43	42	28	20	12	-21

Average Precipitation

Years on Record: 9

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
in.	45.7	3	2.8	3.5	4.7	3.7	3.4	3.7	5	4.2	4.7	3.7	3.4

Average Number of Days Above 90F/32C

Years on Record: 9

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Days	11	---	---	---	---	---	3	5	2	1	---	---	---

Average Number of Days Below 32F/0C

Years on Record: 9

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Days	137.3	30	25	26	7	1	---	---	---	0.3	5	16	

Port Jervis, New York

Elevation: 400 feet Latitude: 41 22N Longitude: 074 42W

Average Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	48.8	23.9	26.2	36.7	47.9	58.4	67.1	71.6	69.9	62.2	51.4	40.5	29.4

Average High Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	60.1	33.5	36.7	47.8	60.2	71.2	79.5	84.1	81.8	74.2	64	50.4	37.8

Average Low Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	37.4	14.1	15.6	25.5	35.5	45.6	54.6	59.1	57.9	50.2	38.8	30.7	20.9

Average Precipitation

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
in	43.7	3.1	2.9	3.4	4	4.3	3.9	4.2	3.7	3.9	3.1	4	3.4

Poughkeepsie, New York

Elevation: 165 feet Latitude: 41 37N Longitude: 073 52W

Average Temperature

Years on Record: 12

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	49	27	29	35	48	57	67	72	70	62	52	41	29

Average High Temperature

Years on Record: 12

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	61	36	39	45	60	70	80	85	82	74	65	51	39

Average Low Temperature

Years on Record: 12

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	38	18	20	25	37	45	55	60	58	50	40	31	20

Highest Recorded Temperature

Years on Record: 12

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	102	68	72	77	85	95	99	102	100	101	88	82	63

Lowest Recorded Temperature

Years on Record: 12

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	-23	-22	-14	-7	13	27	36	43	38	26	18	11	-23

Average Precipitation

Years on Record: 12

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
in.	41	3	2.5	3.3	4	3.7	2.8	3.3	4.3	3.5	3.7	3.5	3.4

Average Snowfall

Years on Record: 10

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
in.	35.6	13.2	7.9	5.1	0.6	---	---	---	---	---	0.1	1.2	7.5

Average Number of Days Above 90F/32C

Years on Record: 10

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Days	16.1	---	---	---	---	0.9	4.1	7.1	3	1	---	---	---

Average Number of Days Below 32F/0C

Years on Record: 10

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Days	145.5	28.3	25.8	23.9	9.5	2.1	---	---	---	1.2	8.5	19.7	26.5

Average Number of Days Below 0F/-17C

Years on Record: 10

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Days	7.4	2.3	3	0.3	---	---	---	---	---	---	---	---	1.8

Queens, New York

Elevation: 16 feet Latitude: 40 39N Longitude: 073 47W

Average Temperature

Years on Record: 34

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	54	33	34	41	51	61	70	76	75	68	57	48	38

Average High Temperature

Years on Record: 34

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	61	39	40	48	58	68	77	83	82	75	65	54	43

Average Low Temperature

Years on Record: 34

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	47	26	27	34	43	53	62	68	67	60	49	41	31

Highest Recorded Temperature

Years on Record: 34

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	104	69	68	85	90	99	99	104	101	98	85	77	70

Lowest Recorded Temperature

Years on Record: 34

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	-2	-2	---	7	20	34	45	55	46	41	30	19	2

Average Precipitation

Years on Record: 34

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
in.	40.8	3.3	2.9	3.5	3.7	3.9	3.1	3.7	3.6	3.3	2.9	3.4	3.6

Average Snowfall

Years on Record: 35

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
in.	22.7	7	7.6	3.9	0.4	---	---	---	---	---	---	0.3	3.5

Average Number of Days Above 90F/32C

Years on Record: 34

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Days	10	---	---	---	---	---	2	4	3	1	---	---	---

Average Number of Days Below 32F/0C

Years on Record: 34

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Days	78	23	20	12	1	---	---	---	---	---	---	4	17

Scarsdale, New York

Elevation: feet Latitude: 41 00N Longitude: 073 47W

Average Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	52	28.7	31.5	39.9	50.2	60.4	69.1	74.2	72.5	65.1	54.3	44.8	33.5

Average High Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	62.7	37.6	40.9	50.3	61.8	72.9	81.2	85.8	83.6	76.3	65.6	54.2	41.8

Average Low Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	41.3	19.7	22.1	29.5	38.5	47.8	56.9	62.6	61.3	53.8	43	35.4	25.2

Highest Recorded Temperature

Years on Record: 44

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	102	73	75	82	94	97	100	102	101	102	90	84	70

Lowest Recorded Temperature

Years on Record: 44

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	-14	-10	-14	-3	13	30	38	46	39	30	21	12	-5

Average Precipitation

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
in	45.3	3.2	2.9	4	4.2	4.3	3.6	3.8	3.9	3.9	3.1	4.2	3.9

Average Snowfall

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
in	30.2	10.1	12.4	5.1	0.6	---	---	---	---	---	0.2	0.6	6

Average Number of Days Above 90F/32C

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Days	19	---	---	---	0.1	0.7	4.2	8	4.3	1.5	---	---	---

Average Number of Days Below 32F/0C

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Days	113	26	22	20	6.3	0.4	---	---	---	0.1	3.8	11	22

Average Number of Days Below 0F/-17C

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Days	1.6	1	0.4	---	---	---	---	---	---	---	---	---	0.2

Wappingers Falls, New York

Elevation: 155 feet Latitude: 41 38N Longitude: 073 53W

Average Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	48.9	23.8	26.5	36.7	47.6	58.6	67.1	72.2	70.6	62.5	51.1	41.1	29.2

Average High Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	59.7	33.3	36.5	47	59.1	70.6	78.9	83.8	81.8	73.9	62.9	50.7	37.9

Average Low Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	38.1	14.2	16.4	26.3	36	46.5	55.4	60.7	59.4	51	39.2	31.5	20.5

Average Precipitation

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
in	40.7	2.7	2.6	3.1	3.5	4.3	3.8	3.9	3.6	3.4	3.1	3.6	3.1

West Point, New York

Elevation: 471 feet Latitude: 41 30N Longitude: 074 05W

Average Temperature

Years on Record: 12

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	50	27	29	35	49	59	68	73	71	64	54	42	30

Average High Temperature

Years on Record: 12

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	60	35	38	44	59	70	79	84	82	74	64	51	38

Average Low Temperature

Years on Record: 12

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	41	19	21	27	40	48	58	63	61	54	44	34	23

Highest Recorded Temperature

Years on Record: 12

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	102	67	76	74	86	91	98	99	99	102	88	82	63

Lowest Recorded Temperature

Years on Record: 12

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	-18	-15	-18	1	17	32	39	49	47	32	24	11	-6

Average Precipitation

Years on Record: 12

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
in.	43.3	2.9	3.1	3.9	4.1	3.5	3.2	3.5	4.3	3.5	4	3.9	3.6

Average Snowfall

Years on Record: 12

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
in.	48.8	11.6	11.1	13.4	2.7	---	---	---	---	---	---	2.1	7.9

Average Number of Days Above 90F/32C

Years on Record: 12

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Days	11.8	---	---	---	---	0.5	2.6	4.9	3.2	0.6	---	---	---

Average Number of Days Below 32F/0C

Years on Record: 12

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Days	123.5	27.8	24.2	22.7	5.6	0.1	---	---	---	0.2	2.9	14.7	25.3

Average Number of Days Below 0F/-17C

Years on Record: 12

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Days	3.1	1.3	1.1	---	---	---	---	---	---	---	---	---	0.7

Yorktown Heights, New York

Elevation: 669 feet Latitude: 41 16N Longitude: 073 48W

Average Temperature

Years on Record: 110

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	48	26	26	33	46	57	66	69	69	62	51	41	30

Average High Temperature

Years on Record: 105

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	57	33	33	44	57	68	77	82	80	73	62	48	37

Average Low Temperature

Years on Record: 105

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	37	17	17	26	35	46	55	59	57	51	41	32	23

Average Precipitation

Years on Record: 110

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
in	47.7	3.6	3.3	3.9	3.9	4.2	3.9	4.7	4.6	4.1	3.8	4.1	3

LONG ISLAND CLIMATIC DATA **1961-1990**

Station	Ave. Temp F	Ave. Temp. Apr. - Oct.	Ave. High T. F	Ave. Low T F	Highest T F	Lowest T F
Aquebogue	52.3	63.4	60.9	43.6		
Bohemia	51.0	62.3	59.0	42.0		
Bridgehampton	50.9	61.2	58.9	42.8	102	
Brookhaven	50.0	61.3	58.0	43.0	96	-2
Calverton	52.3	63.4	60.9	43.6	100	-8
Carle Place	51.0	63.7	59.0	44.0		
East Hampton	50.0	61.3	58.0	43.0	96	-2
East Setauket	52.6	63.7	61.1	44.1	99	-11
Garden City	52.8	63.7	60.2	45.4	103	-4
Great Neck	51.0	64.0	59.0	46.0		
Greenport	51.3	62.2	59.2	43.3		
Islip	53.0	63.4	61.0	44.0	101	-7
Melville	50.0	61.3	58.0	43.0	96	-2
Mineola	52.9	64.0	60.0	45.2		
Patchogue	51.7	62.7	61.4	41.9	102	-13
Riverhead	50.0	69.4	58.0	43.0	96	-2
Westhampton	48.0	60.0	57.0	41.0		
Averages	**51.2**	**63.0**	**59.4**	**43.5**	**99.1**	**-5.67**

LONG ISLAND CLIMATIC DATA 1961-1990

Station	Ave. Precip. Inches	Ave. Precip May-Oct.	Ave. Snow Inches	Ave. Days > 90 F	Ave. Days <32 F	Ave. Days < 0 F
Aquebogue	45.3	21.4				
Bohemia	46.5	23.4				
Bridgehampton	45.6	20.8	25.6	2.7	104.0	0.2
Brookhaven	34.4	12.7		2.9	105.5	0.4
Calverton	45.4	21.6	27.9	9.2	97.0	0.3
Carle Place	40.4	20.1				
East Hampton	34.4	12.7		2.9	105.5	0.4
East Setauket	45.1	21.7	19.2	6.6	94.0	0.4
Garden City	43.6	21.8	25.0	11.0	82.0	0.2
Great Neck	41.0	20.5				
Greenport	45.0	21.5				
Islip	44.6	23.4	20.6	7.0	98.0	
Melville	34.4	12.7		2.9	105.5	0.4
Mineola	43.0	20.2				
Patchogue	48.5	23.1	29.4	7.8	111.0	1.3
Riverhead	34.4	19.8		2.9	105.5	0.4
Westhampton	43.4	19.8				
Averages	**42.0**	**19.84**	**24.62**	**5.59**	**100.8**	**0.44**

Long Island Climatic Data **1951-1990***

Station	Heating Degree Days Base 65 degrees F	Cooling Degree Days Base 65 degrees F	Growing Degree Days
Brideghampton	5685	497	2572
Islip	5647	706	n/a
Mineola	5316	853	3279
Patchogue	5489	457	2868
Riverhead	5331	730	2987
Setauket	5232	718	n/a
Averages	**5450**	**660**	**2927**

FROST FREE PERIOD **1961-1990***
(Days of Growing Season Between 32 degrees F)

Station	Number of Days <32 F
Bridgehampton	191
Greenport	202
Mineola	218
Riverhead	208
Setauket	199
Average	**204**

SUMMARY OF CONNECTICUT CLIMATIC DATA **1961-present**

Station	Ave. Temp F	Ave. Temp Apr. - Oct.	Ave. High T. F	Ave. Low T F	Highest T F	Lowest T F
Bridgeport	52.0	63.6	60.0	44.0	103	-7
Burlington	47.8	60.0	58.6	37.1		
Coventry	46.4	58.1	58.3	34.4		
Danbury	49.0	61.0	60.0	39.0	100	-16
Falls Village	47.6	57.0	59.6	35.6		
Gaylordsville	48.4	60.7	60.0	36.7		
Groton	50.0	61.7	59.0	42.0	100	-8
Hartford	50.0	62.8	60.0	40.0	102	-26
Meriden	50.3	62.0	59.5	41.1		
New Haven	50.0	61.7	59.0	42.0	100	-8
New London	49.9	60.9	59.2	40.5		
Norfolk	44.1	56.7	53.3	34.8		
Norwalk	50.5	62.0	60.9	40.0		
Norwich	50.3	61.8	60.9	39.7		
Stamford	50.8	62.4	61.9	39.6		
Storrs	46.0	58.6	55.0	37.0		
Stratford	51.7	63.2	59.5	43.9		
Wethersfield	49.7	61.9	59.9	39.5		
Willimantic	50.0	62.0	61.0	40.0	101	-16
Windsor Locks	48.0	61.4	59.0	39.0		
Averages	**49.1**	**60.9**	**59.23**	**39.3**	**101**	**-13.5**

SUMMARY OF CONNECTICUT CLIMATIC DATA **1961-present**

Station	Ave. Precip. Inches	Ave. Precip May-Oct. "	Ave. Snow Inches	Ave. Days > 90 F	Ave. Days < 32 F	Ave. Days < 0
Bridgeport	41.1	20.2	24.9	7.0	100.0	
Burlington	49.3	24.9				
Coventry	47.6	24.4				
Danbury	48.8	25.0	38.6	9.3	132.0	
Falls Village	42.6	23.2				
Gaylordsville	44.5	23.1				
Groton	44.4	20.7	34.5	3.0	110.4	0.9
Hartford	44.2	21.9	47.3	18.0	134.0	
Meriden	49.7	25.0				
New Haven	44.4	20.7	34.5	3.0	110.4	0.9
New London	48.2	22.1				
Norfolk	51.5	26.0				
Norwalk	46.8	23.7				
Norwich	50.0	23.4				
Stamford	49.4	24.9				
Storrs	45.8	23.1				
Stratford	41.7	20.7				
Wethersfield	42.8	22.0				
Willimantic	44.5	21.2	43.6	13.2	128	3.6
Windsor Locks	44.3	22.2				
Averages	**46.1**	**23.0**	**37.23**	**9.0**	**119**	**1.8**

Conneticut Climatic Data

1951-present*

Station	Heating Degree Days Base 65 degrees F	Cooling Degree Days Base 65 degrees F	Growing Degree Days
Bridgeport	5537	724	
Burlington	6636	418	
Conventry	7036	283	
Danbury	n/a	n/a	2755
Falls Village	6714	422	
Groton	5951	472	
Hartford	6151	610	
Middletown	5945	633	2839
Norfolk	7781	195	1994
Norwalk	5865	613	2847
Norwich	5869	551	
Stamford	5778	613	
Storrs	6481	377	
Averages	**5826**	**455**	**2609**

FROST FREE PERIOD 1961-1990*

(Days of Growing Season Between 32 degrees F)

Station	Average Number of Days >32 F
Danbury	158
Falls Village	128
Hartford	167
Middletown	172
Mount Carmel	160
Norfolk	140
Norwalk	173
Shepaug	152
Storrs	165
West Thompson	130
Wigham Reservoir	144
Average	**153.5**

NEW JERSEY CLIMATIC DATA **1961-present**

Station	Ave. Temp F	Ave. Temp. Apr. - Oct.	Ave. High T. F	Ave. Low T F	Highest T F	Lowest T F
Boonton	50.3	62.2	60.4	40.1		
Bridgewater	50.6	63.0	61.6	39.5		
Butler	48.1	60.0	59.0	37.2		
Clinton	50.0	62.5	60.0	39.0		
Essex Fells	50.5	62.4	61.4	39.6		
Glassboro	53.7	65.4	63.4	44.1		
Hammonton	53.6	65.2	64.7	42.5		
Hightstown	52.0	63.6	62.2	41.8		
Lambertville	53.3	65.1	64.3	42.2		
Millville	54.0	65.2	64.0	44.0	101	-10
Moorestown	51.0	63.1	62.0	42.0		
Morris Plains	49.9	62.0	61.1	38.6		
Newark	55.0	66.5	63.0	46.0	105	-8
Newton	47.9	60.1	59.5	36.2		
Plainfield	53.0	65.0	63.2	42.7		
Sussex	47.7	60.0	59.5	35.9		
Trenton	54.0	65.7	62.0	46.0	102	-4
Tuckerton	53.5	65.0	63.4	43.6		
Woodstown	54.4	66.0	65.2	43.6		
Averages	**51.7**	**63.6**	**62.1**	**41.3**	**102.7**	**-7.3**

NEW JERSEY CLIMATIC DATA **1961-present**

Station	Ave. Precip. Inches	Ave. Precip May-Oct. "	Ave. Snow Inches	Ave. Days > 90 F	Ave. Days <32 F
Boonton	48.3	25.7			
Bridgewater	46.4	25.1			
Butler	51.0	26.6			
Clinton	45.4	24.1			
Essex Fells	49.9	26.3			
Glassboro	43.8	23.0			
Hammonton	43.8	22.6			
Hightstown	45.9	24.6			
Lambertville	45.4	24.0			
Millville	41.7	21.7	12.4	21.5	106.1
Moorestown	44.7	24.2			
Morris Plains	50.8	26.9			
Newark	43.5	22.1	27.0	24.0	90.0
Newton	44.6	24.7			
Plainfield	49.0	26.1			
Sussex	46.1	24.7			
Trenton	42.0	22.5		16.0	85.0
Tuckerton	45.0	22.0			
Woodstown	43.7	22.8			
Averages	**45.8**	**24**	**19.7**	**20.5**	**93.7**

New Jersey Climatic Data

1951-1990*

Station	Heating Degree Days Base 65 degrees F	Cooling Degree Days Base 65 degrees F	Growing Degree Days
Boonton	5925	602	2877
Cranford	5239	841	n/a
Essex Fells	5896	656	3013
Glassboro	5037	968	3583
Hammonton	5054	949	3581
Hightstown	5458	758	3332
Lambertville	5172	937	3465
Millville	4946	983	3592
Moorestown	5010	1016	n/a
Morris Plains	6039	559	2889
Newark	4888	1201	n/a
Newton	6643	439	2630
Plainfield	5227	891	3367
Sussex	6682	426	n/a
Tuckerton	5027	879	n/a
Woodstown	4849	1041	n/a
Average	**5443.3**	**821.6**	**3233**

FROST FREE PERIOD 1961-1990*

(Days of Growing Season Between 32 degrees F)

Station	Number of Days >32 F
Boonton	172
Essex Fells	170
Glassboro	194
Hammonton	188
Hightstown	175
Lambertville	169
Millville	191
Moorestown	184
Morris Plains	159
Newton	144
Plainfield	179
Sussex	145
Average	**172.5**

Climate Data for Westchester County and Upstate New York

1961- present

Station	Ave. Temp F	Ave. Temp. Apr. - Oct.	Ave. High T. F	Ave. Low T F	Highest T F	Lowest T F
Ardsley	53.2	65.0	62.0	44.4	104	-10
Dobbs Ferry	53.2	64.8	61.9	44.3		
Garrison	51.9	64.0	61.7	42.1	105	-15
High Falls	48.3	61.0	56.4	40.1	98	-19
Highland Falls	50.0	62.0	59.0	41.0		
Hillburn	49.9	61.7	60.9	38.8		
Middletown	50.5	63.0	60.4	40.5		
Millbrook	47.6	59.0	59.0	36.1	118	-29
New York	55.0	66.7	63.0	47.0	104	-2
Newburgh	50.0	62.4	60.0	40.0	101	-21
NY Westerleigh	53.6	65.3	62.7	44.7		
Port Jervis	48.8	61.0	60.1	37.4		
Poughkeepsie	49.0	61.0	61.0	38.0	102	-23
Queens	54.0	65.4	61.0	47.0	104	-2
Scarsdale	52.0	63.7	62.7	41.3	102	-14
Suffern	49.9	62.0	60.9	38.8		
Wappingers Falls	48.9	61.0	59.7	38.1		
West Point	50.0	62.5	60.0	41.0	102	-18
Westchester Cty.	50.8	62.6	59.0	42.5		
Yorktown Heights	48.0	60.0	57.0	37.0		
Averages	**50.73**	**62.6**	**60.42**	**41**	**104**	**-15.3**

Climate Data for Westchester County and Upstate New York

1961- present

Station	Ave. Precip. Inches	Ave. Precip. May-Oct. "	Ave. Snow Inches	Ave. Days > 90 F	Ave. Days < 32 F	Ave. Days < 0
Ardsley	50.4	25.1	36.1	15.0	99.0	0.8
Dobbs Ferry	49.5	23.1				
Garrison	47.1	24.8	34.9	21.0	114.0	2.1
High Falls	47.5	24.8	68.4	2.4	130.0	4.4
Highland Falls	47.0	24.7				
Hillburn	49.3	26.5				
Middletown	42.0	23.3				
Millbrook	38.8	22.6	46.3	5.8	147.0	10
New York	46.7	23.9	28.1	19.0	75.0	
Newburgh	45.7	24.7		11.0	137.3	
NY Westerleigh	45.8	22.0				
Port Jervis	43.7	23.1				
Poughkeepsie	41.0	21.3	35.6	16.1	145.5	7.4
Queens	40.8	20.5	22.7	10.0	78.0	
Scarsdale	45.3	22.6	30.2	19.0	113.0	1.6
Suffern	47.5	23.6				
Wappingers Falls	40.7	22.1				
West Point	43.3	22.0	48.8	11.8	123.5	3.1
Westchester Cty.	49.0	21.5				
Yorktown Heights	47.7	25.3				
Averages	**45.4**	**23.4**	**39**	**13.1**	**116**	**4.2**

Climate Data for Westchester County and Upstate New York

1951-present*

Station	Heating Degree Days Base 65 degrees F	Cooling Degree Days Base 65 degrees F	Growing Degree Days
Dobbs Ferry	5199	895	3018
Middletown	5933	685	
Millbrook	6746	364	2430
New York	4805	921	
NY Westerleigh	5009	945	
Port Jervis	6167	570	2484
Poughkeepsie	6391	566	2682
Scarsdale	5470	779	3192
Suffern	6067	593	
West Point	5550	896	
Westchester Cty.	5832	691	
Averages	**5743**	**719**	**2761**

FROST FREE PERIOD

(Days of Growing Season Between 32 degrees F) **1961-1990***

Station	Average Number of Days >32 F
Carmel	153
Dobbs Ferry	188
Millbrook	139
Mount Morris	154
NY Westerleigh	201
Port Jervis	151
Poughkeepsie	153
Scarsdale	174
West Point	186
Average	**166.5**

Climate Data Summary for All Regions

Based on summary of data collected from 15-100 years

Region	Ave. Temp F	Ave. Temp. Apr. - Oct.	Ave. High T. F	Ave. Low T F	Highest T F	Lowest T F
Long Island	51.2	63.0	59.4	43.5	99.1	-5.67
Westchester/NY	50.7	62.6	60.4	41.0	104	-15.3
New Jersey	52.0	63.6	62.1	41.3	102.7	-7.3
Connecticut	49.1	60.9	59.2	39.3	101	-13.5

Region	Ave. Precip. Inches	Ave. Precip May - Oct. "	Ave. Snow Inches	Ave. Days > 90 F	Ave. Days < 32 F	Ave. Days < 0
Long Island	42.0	19.8	24.62	5.59	100.8	0.44
Westchester/NY	45.4	23.4	39.0	13.1	116.0	4.2
New Jersey	45.8	24.0	19.7	20.5	93.7	n/a
Connecticut	46.1	23	37.2	9.0	119.0	1.8

Climate Data Summary for All Regions

Based on summary of data collected from 15-100 years

Region	Growing Degree Days	Heating Degree Days	Cooling Degree Days	Frost Free Days
Long Island	2927	5450	660	204
Westchester/NY	2761	5743	719	167
New Jersey	3233	5443	822	173
Connecticut	2609	5826	455	154

The Climate and Soils of Queens County, New York

A Supplemental Section to the Long Island American Viticultural Area Petition

Richard Olsen-Harbich

The Soils of Queens County

The soils of Queens County, which directly borders the proposed Long Island AVA, are somewhat similar in origin to those of western Nassau County, although it is in this area where the soil series and type begin to become different. In fact, there are only a few soil series found in Queens that are also found in either Nassau or Suffolk County. The Soil Conservation Service reports in *The Soil Survey of Nassau County* that the area of bedrock under the subsurface becomes much closer to the surface in Queens, making the depth of the Queens soils much shallower than the typical soils found on Long Island. Some areas of Queens show exposed bedrock formations while the bedrock layer in Nassau County can be as much as 500 feet below the surface. This is evident in large rock formations which are visible to the naked eye in many areas of Queens, but not seen in Nassau and Suffolk Counties. Construction reports from Queens indicate a high level of blasting and rock cutting needed for many excavations, something which has rarely, if ever been necessary on Long Island. Many of the rocks excavated from the development of Queens have been used to construct bridges and overpasses on the various highways of western Long Island, namely the Northern State Parkway, in the first half of the 20th century.

Eventually, the soils become completely dissimilar as the terminal moraine decreases and the land of Queens drops off into the East River, where the areas of the Highland and Newark Basins all merge. The area of the tall, rocky Palisades cliffs, seen from the George Washington Bridge, is testament enough to the vast difference between this area and the rest of Long Island. Most of this discussion is however mute, as the region of Queens County (part of New York City) is completely urbanized and contains essentially no agricultural land. Agriculture in any form in Queens, is a relic of the past; there is no prospect for any viticultural industry in this region. For all of the above reasons and for the reasons that follow in this paper, the logical and most practical boundary for the Long Island AVA is the border separating Queens and Nassau County.

More specifically, it can be seen that the soil series of the region of Queens County are quite dissimilar to those of both Nassau and Suffolk Counties. Indeed, although there exists a viable

soil survey for the area of Nassau County, there is no soil survey available currently for the area of Queens. This is mainly because agriculture as a commercial business has been virtually extinct from this area for as many as 80 years, well before the soil mapping identification systems were first put in place for the rest of the country. It has only been within the last 10 years that the soil scientists in New York City have worked to put together a listing of the urban soil types and series found in Queens. Most all of the soil series now identified in Queens are known as *anthropgenic soils*. These soils are described as having properties that are dominantly derived from human activities.

The ICOMANTH (International Committee on Anthropogenic Soils) has identified over 11 categories of changes in soils due to human activities, and the properties, which describe these types of soils. These categories include: dredge materials, accelerated erosion, land filling, surface removal, contamination, land leveling, severe compaction by machinery, and sedimentation. Indeed, most of the soils found today in Queens bear little resemblance to the soils found in this area 100 years ago (when Queens was an active farming community supplying New York City) due to the vast concentration of development and construction that have taken place there since the turn of the century.

The main soil series that are now identified in Queens County are described through work done by the New York City Soil Survey Project – a partnership involving the USDA, the National Resource and Conservation Service, and the New York City Soil and Water Conservation District. The main soil series of Queens are listed as follows:

(From the National Cooperative Soil Survey, U.S.A.)

VERAZANO SERIES

The Verazano series consists of very deep well-drained soils with moderate to rapid permeability. These soils formed in a thick anthrotransported loamy mantle over sandy sediments and occurs on modified landscapes in and near major urbanized areas of the Northeast. Slope ranges from 0 to 35 percent. Mean annual temperature is about 50 degrees Fahrenheit and mean annual precipitation is about 45 inches.

TAXONOMIC CLASS: Coarse-loamy over sandy or sandy-skeletal, mixed, active, nonacid, mesic Typic Udorthents

TYPE LOCATION: Queens County, New York; From the intersection of Rockaway Point Blvd. and B 169th street 2,000 feet south on B 169th street. Then 350 feet outside of backside fence of Jacob Riis Park Golf Course; USGS Coney Island topographic quadrangle; Latitude 40 degrees, 33 minutes, 48.1 seconds N. and Longitude 73 degrees, 52 minutes, 47.6 seconds W. (Rockwell GPS Receiver); NAD 1983.

RANGE IN CHARACTERISTICS: Depth to contrasting particle size classes range from 12 to 36 inches. The transported loamy fill may be any geologic deposit ranging from glacial till, outwash, alluvium, coastal plain sediments, or residuum, usually from a very local source. Human artifact fragments range from 0 to 10 percent. Textures include loam, sandy loam and fine sandy loam, and fine sand or coarser in the lower subsoil. Reaction ranges from very strongly acid to slightly acid in the loamy mantle and from very strongly acid to slightly alkaline in the sandy substratum. Many pedons have seashell fragments in the lower part of the soil.

GEOGRAPHIC SETTING: Verazano soils are on nearly level to strongly sloping modified landforms. These soils formed in a thick loamy mantle over sandy deposits on outwash plains, barrier beaches and islands, or dredged deposits. The loamy cap is relatively clean of refuse with less than 10 percent of human artifacts and less than 20 percent gravel. Seashell fragments may

be present in the lower part. Slope ranges from 0 to 15 percent. Mean annual precipitation ranges from 40 to 50 inches. Mean annual temperature ranges from 48 to 56 degrees Fahrenheit.

GEOGRAPHICALLY ASSOCIATED SOILS: These are Bigapple (T), Barren (T), Fortress (T), Gravesend (T), Hooksan, Jamaica (T), Sandyhook (T) and Tilden (T) soils. Barren, Jamaica and Sandyhook soils have water table within 40 inches from soil surface.

SERIES ESTABLISHED: Queens County, New York, 1997.

BIGAPPLE SERIES

The Bigapple series consists of very deep, well-drained soils with rapid permeability. The soil formed in a thick mantle of anthrotransported soil material from dredging activities in coastal waterways and rivers. The anthrotransported material is thicker than 40 inches and occurs on modified landscapes in and near major urbanized areas of the Northeast. Slope ranges from 0 to 75 percent. Mean annual temperature is about 50 degrees and mean annual precipitation is about 45 inches.

TAXONOMIC CLASS: Mixed, mesic Typic Udipsamments

TYPE LOCATION: Queens and Kings County, New York; type location is located on the Southern portion of a human made island (White Island) in Marine Creek Park; USGS Coney Island topographic quadrangle; Latitude 40 degrees, 35 minutes, 39 seconds N. and Longitude 73 degrees, 54 minutes, 56 seconds W. (Rockwell GPS Receiver), NAD 1983.

RANGE OF CHARACTERISTICS: Thickness of the anthrotransported material is greater than 40 inches. The anthrotransported material may be any dredged material from coastal waterways, bays, or rivers. Thickness of the solum ranges from 18 to 34 inches. Rock fragments range from 0 to 20 percent. Seashell fragments are present in some pedons.

Human artifact fragments range from 0 to 10 percent. Textures and their gravelly analogs include very fine sand or coarser.

GEOGRAPHIC SETTING: Bigapple soils are on nearly level to very steep artificially created or modified landforms. These soils formed in anthrotransported soil material from dredging activities of nearby shorelines, waterways, bays or rivers. The anthrotransported soil material is relatively clean of human refuse. It is less than 20 percent pebbles or gravel. Seashell fragments are present in some pedons. Slope ranges from 0 to 75 percent. Mean annual precipitation ranges from 40 to 50 inches. Mean annual temperature ranges from 48 to 56 degrees F.

GEOGRAPHICALLY ASSOCIATED SOILS: These are Barren (proposed), Fortress (proposed), Hooksan, Jamaica (proposed), Gravesend (proposed), Matunuck, Pawcatuck, Sandyhook (proposed), Tilden (proposed), and Verazano (proposed) soils.

DRAINAGE AND PERMEABILITY: This soil is well drained. The potential for surface runoff is very low to low on vegetated slopes less than 20 percent, and medium on vegetated slopes 20 percent and greater. The potential for surface runoff is one class more rapid where the soil is unvegetated or the surface is poorly protected from erosion. Permeability is rapid.

GRAVESEND SERIES

The Gravesend series consists of very deep, well-drained soils with rapid permeability. These soils formed in a mixture of household garbage, construction debris and other discarded materials layered with anthrotransported natural soil material. The soil has a mantle of anthrotransported natural soil material less than 40 inches thick and occurs in landfills on modified landscapes in and near major urbanized areas of the Northeast. Slope ranges from 0 to 50 percent. Mean annual temperature is 74 degrees F. and mean annual precipitation is about 45 inches.

TAXONOMIC CLASS: Sandy-skeletal, mixed, hypothermic Typic Udorthents

TYPE LOCATION: Queens County, New York: From the intersection of Cross Bay Blvd. and 165th Avenue 1500 feet west on 165th Avenue until interception with 81st street. Then 250 feet south on a path into Spring Creek Park, Gateway National Recreation Area; USGS Jamaica topographic quadrangle; Latitude 40 degrees, 38 minutes, 52.1 seconds N. and Longitude 73 degrees, 50 minutes, 49 seconds W. (Rockwell GPS Receiver); NAD 1983.

RANGE IN CHARACTERISTICS: The thickness of the landfill materials is generally more than 5 feet. The anthrotransported material may be any geologic deposit ranging from glacial outwash, coastal plain sediments, alluvial sediment, or sediment from coastal waterways. The thickness of the anthrotransported soil cap over the upper garbage layer ranges from 7 to 24 inches. Rock fragments
range from 1 to 30 percent and the texture includes fine sand or coarser. Reactions in the fill cap range from extremely acid to slightly alkaline. Reaction in the garbage layers is estimated to be neutral. Seashell fragments may be present in some pedons.

GEOGRAPHIC SETTING: Gravesend soils are on nearly level to very steep modified landforms in landfills. These soils formed in a mixture of household and anthrotransported soil material, with a cap of anthrotransported soil material that is relatively clean of refuse. The anthrotransported soil material is dominantly from locally excavated materials such as alluvium, outwash, coastal plain sediments, or dredged sediments from coastal waterways. Dominant coarse fragments are seashells or human manufactured items with smaller amounts of sedimentary and metamorphic rocks, basalt, and quartzite pebbles. Slope ranges from 0 to 50 percent. Mean annual precipitation ranges from 40 to 50 inches. Mean annual temperature ranges from 61 to 85 degrees F.

GEOGRAPHICALLY ASSOCIATED SOILS: These are Barren (proposed), Bigapple (proposed), Centralpark (T), Fortress (proposed), Greatkills (T), Jamaica (proposed), Tilden (proposed) and Verazano (proposed) soils.

DRAINAGE AND PERMEABILITY: The soils are well drained. The potential for surface runoff is very low to low on vegetated slopes less than 20 percent, and medium on vegetated slopes 20 percent and greater. The potential for surface runoff is one class more rapid where the soil is unvegetated or the surface is protected from erosion. Permeability is rapid.

SERIES ESTABLISHED: Queens County, New York; 1995.

BREEZE SERIES

The Breeze series consists of very deep, well-drained soils with rapid permeability. The soil formed in a thick mantle of sandy soil materials intermingled with demolished construction debris. These soils occur on modified landscapes in and near major urbanized portions of the Northeast. Slope ranges from 0 to 75 percent. Mean annual temperature is about 54 degrees F. Mean annual precipitation is about 47 inches

.

TAXONOMIC CLASS: Mixed, mesic Typic Udipsamments

TYPE LOCATION: Queens County, New York; From the intersection of B 193rd Street and State Road, 750 feet heading West of this intersection on State Road, then 50 feet due South on the other side of a fence on a large smoothed mound; USGS Coney Island topographic quadrangle; Latitude 40 degrees, 33 minutes, 40 seconds N. and Longitude 73 degrees, 54 minutes, 59 seconds W., NAD 1983. (Rockwell GPS Receiver)

RANGE IN CHARACTERISTICS: The thickness of the anthropotransported soil materials range from 40 to 80 inches. The anthropotransported material may be any sandy material ranging from dredge sand, eolian sand, or outwash sand, usually from a very local source. The construction debris may range in material of plastic, glass, rubber, brick, lumber, asphalt, coal ash, unburned coal, gypsum board, concrete, and steel. A distinction can be made between materials that will hold water, allow roots to penetrate, and decompose versus those that will act

like a rock fragment. Coarse fragments range from 10 to 34 percent by volume throughout the profile. Textures range from loamy fine sand to coarse sand, and gravelly to boulder texture phases can occur.

GEOGRAPHIC SETTING: Breeze soils are on nearly level to steeply sloping artificially created or modified landforms. These soils formed in anthropotransported sandy soil materials intermingled with construction debris. The anthropotransported soil material is dominantly from sandy sediments and deposits such as dredge, dunes, and outwash. The construction debris material commonly originates from the demolition of buildings and roads. The dominant coarse fragments of the construction debris are concrete, asphalt, brick, coal ash, and steel. Natural rock fragments if present are derived mainly from sedimentary and metamorphic rocks. Slope generally ranges from 0 to 75 percent. Mean annual precipitation ranges from 40 to 50 inches. Mean annual temperature ranges from 45 to 63 degrees F.

GEOGRAPHICALLY ASSOCIATED SOILS: These are Barren (T), Bigapple (T), Fortress (T), Hooksan and Jamaica (T). Barren (T), Bigapple (T), Fortress (T), Hooksan and Jamaica (T) soils are relatively clean of construction debris.

DRAINAGE AND PERMEABILITY: Well drained. The potential for surface runoff is negligible to low. Permeability is rapid.

SERIES ESTABLISHED: Queens County, New York; 1998.

JAMAICA SERIES

The Jamaica series consists of very deep, poorly drained soils with rapid permeability. The soil formed in thick mantle of anthrotransported sandy soil materials. These soils occur on modified landscapes in and near urbanized areas of the Northeast. Slope ranges from 0 to 3 percent. Mean annual temperature is about 56 degrees, and mean annual precipitation is about 44 inches.

TAXONOMIC CLASS: Mixed, mesic Typic Psammaquents

TYPE LOCATION: Brooklyn County, New York; Floyd Bennett Field, from Flatbush avenue and Floyd Bennett Field road entrance intersection 1625 feet east on main road, then make the first left turn an go northwest 6,000 feet toward the last runway. Then go northeast about 2,000 feet on the last runway. Then make a right turn toward an open area an go about 250 feet; USGS Coney Island topographic quadrangle; Latitude 40 degrees, 35 minutes, 59 seconds N. and Longitude 73 degrees, 53 minutes, 20 seconds W.

RANGE IN CHARACTERISTICS: Solum thickness is 10 to 20 inches. The thickness of the fill materials range from 40 to 80 inches. The anthrotransported material may be from any dredged, outwash or eolian sediments. Soil texture ranges from fine sand or coarser. Reaction ranges from very strongly acid through neutral. Coarse fragments are generally absent. Some pedons may contain seashells.

GEOGRAPHIC SETTING: Jamaica soils are on nearly level areas to gently sloping artificially created or modified landforms. These soils formed in anthrotransported soil material from eolian sand, outwash sand, or dredged sand from activities along coastal waterways, lakes and rivers, in and near major urbanized areas of the Northeast. The anthrotransported material is relatively clean of human artifacts. Coarse fragments are less than 20 percent. Seashell pieces may be present. Slopes are commonly 0 to 3 percent. The mean annual temperature range 45 to 63 degrees, mean annual precipitation ranges from 40 to 50 inches.

GEOGRAPHICALLY ASSOCIATED SOILS: These are the Barren (T), Fortress (T), Hooksan, Ipswich, Matunuck, Pawcatuck, Breeze (T), and Verazano (T).

DRAINAGE AND PERMEABILITY: Poorly drained. The potential for surface runoff is low. Permeability is rapid

DISTRIBUTION AND EXTENT: These soils occur on modified landscapes in and near major urbanized areas of the Northeast. MLRA 149A, 149B, and 144A. The soils are of this series are small extent.

.

SERIES PROPOSED: Brooklyn, New York, 1998.

MONTAUK SERIES

The Montauk series consists of very deep, well-drained soils formed in glacial till derived primarily from granitic materials. These soils are on upland till plains and moraines. Slope ranges from 0 to 35 percent. Mean annual temperature is 49 degrees F, and mean annual precipitation is 45 inches.

TAXONOMIC CLASS: Coarse-loamy, mixed, subactive, mesic Oxyaquic Dystrudepts

TYPE LOCATION: Suffolk County, New York, Town of East Hampton; on dirt road, 0.5 mile east of Long Lane, 0.3 mile north of Stephan Hand's Path. USGS East Hampton, NY topographic quadrangle; latitude 40 degrees, 58 minutes, 54 seconds N. and longitude 72 degrees, 13 minutes, 19 seconds W. NAD 1927.

RANGE IN CHARACTERISTICS: Thickness of the solum and depth to the firm till substratum ranges from 18 to 38 inches. Rock fragments range from 3 to 35 percent in the solum

and 5 to 50 percent in the C horizon. The soil ranges from extremely acid through moderately acid throughout.

GEOGRAPHIC SETTING: Montauk soils are on glaciated uplands and moraines. Slopes range form 0 to 35 percent. The landscape in some areas has many closed depressions, some of which are filled by perennial ponds or wet spots. The soils formed in thick moderately coarse or medium textured glacial till mantles underlain by firm sandy till. Some areas have very stony or extremely stony surfaces. The climate is humid, cool and temperate. Mean annual precipitation ranges from 35 to 56 inches; mean annual temperature ranges from 46 to 52 degrees F., and the mean annual frost-free period ranges from 120 to 200 days. Elevation ranges from 10 to 400 feet above sea level.

GEOGRAPHICALLY ASSOCIATED SOILS: These are the well drained Charlton, Chatfield, Riverhead, Canton and Haven soils which lack Cd horizons; the excessively drained, sandy Carver and Plymouth soils; the moderately well drained Sutton, and Woodbridge soils; the poorly drained Leicester and Ridgebury soils; the very poorly drained Whitman soils; and the shallow Hollis soils.

DRAINAGE AND PERMEABILITY: Well drained. The potential for runoff is low to high. Permeability is moderate or moderately rapid in the solum and slow or moderately slow in the substratum.

DISTRIBUTION AND EXTENT: New York, Connecticut, Massachusetts, New Hampshire and possibly New Jersey. MLRA's 149B, 144A, and 145. The series is of large extent.

SERIES ESTABLISHED: Suffolk County, New York, 1970.

LAGUARDIA SERIES

The Laguardia series consists of very deep, well-drained soils with moderate permeability. These soils formed in a thick mantle of construction debris intermingled with anthrotransported soil materials. These soils occur on modified landscapes in and near major urbanized areas of the Northeast. Slope ranges from 0 to 75 percent. Mean annual temperature is about 54 degrees Fahrenheit and mean annual precipitation is about 47 inches.

TAXONOMIC CLASS: Loamy-skeletal, mixed, active, nonacid, mesic Typic Udorthents

TYPE LOCATION: Kings County, New York; From the intersection of East 105th Street and Seaview Avenue, 1000 feet Southeast of the intersection; USGS Brooklyn topographic quadrangle; Latitude 40 degrees, 38 minutes, 7 seconds N. and Longitude 73 degrees, 52 minutes, 52 seconds W. NAD 1983. (Rockwell GPS Receiver)

RANGE IN CHARACTERISTICS: The thickness of the fill materials ranges from 40 to 80 inches. The transported construction debris may range in material of pieces of plastic, glass, rubber, bricks, lumber, asphalt, coal ash, unburned coal, gypsum board, concrete, and steel. The transported natural soil material may originate from any geologic deposit ranging from till, outwash, alluvium, coastal plain sediments, or residuum, usually from a local source. There is a distinction between materials that will hold water and allow roots to penetrate, and will decompose versus those that will act like a rock fragments. Coarse fragments average 35 to 75 percent by volume. Soil textures may include sandy loam, loam, or silt loam and gravelly, cobbly, stony, and bouldery texture phases can occur

GEOGRAPHIC SETTING: Laguardia soils are on nearly level to steeply sloping artificially created or modified landforms. These soils formed in construction debris intermingled and mixed with natural soil materials. The construction debris material commonly originates from the demolition of buildings and roads. The dominant coarse fragments in the construction debris are concrete, asphalt, bricks, coal ash, and steel with some sedimentary and metamorphic rocks sparsely intermingled. The transported soil material is dominantly from locally excavated upland

materials such as alluvium, till, outwash, or coastal plain sediments. Slope ranges from 0 to 75 percent. Mean annual precipitation ranges from 40 to 50 inches. Mean annual temperature ranges from 45 to 63 degree Fahrenheit.

GEOGRAPHICALLY ASSOCIATED SOILS: These are Canarsie (T), Centralpark (T), Foresthills (T), Greatkills (T), Greenbelt (T) and Inwood (T).

DRAINAGE AND PERMEABILITY: Well drained. The potential for surface runoff is low to medium on vegetated slopes less than 8 percent, and high to very high on vegetated slopes 8 percent and greater, runoff is one class higher where the soil is unvegetated or the surface is poorly protected from erosion or compacted. Permeability is moderate in areas where the soil has not been compacted at the surface, but is slow where it has surface compaction or platy structure.

SERIES PROPOSED: Bronx County, New York; 1997.

INWOOD SERIES

The Inwood series consists of very deep, well-drained soils with moderately rapid permeability. These soils formed in a thick mantle of demolished construction debris intermingled with humanly transported natural soil materials. These soils occur on modified landscapes in and near major urbanized areas of the Northeast. Slope ranges from 0 to 75 percent. Mean annual temperature is about 54 degrees Fahrenheit and mean annual precipitation is about 47 inches.

TAXONOMIC CLASS: Fragmental, mixed, mesic Typic Udorthents

TYPE LOCATION: Bronx County, New York: In Soundview Park along the Bronx River; USGS Flushing topographic quadrangle; Latitude 40 degrees, 48 minutes, 46 seconds N. and Longitude 73 degrees, 52 minutes, 3 seconds W., NAD 1983.(Rockwell GPS Receiver)

RANGE IN CHARACTERISTICS: The thickness of the fill materials ranges from 40 to 80 inches. The transported construction debris may range in material of pieces of plastic, glass, rubber, bricks, lumber, asphalt, coal ash, unburned coal, gypsum board, concrete, and steel. The demolished construction debris may be capped with transported natural soil material ranging in thickness from 2 to 18 inches. There is a distinction between materials that will hold water and allow roots to penetrate, and will decompose versus those that will act like a rock fragment. Coarse fragments include both natural and demolished construction debris. Textures of the transported natural soil material include sandy loam, loam, or silt loam and gravelly, cobbly, stony, and bouldery texture phases can occur

GEOGRAPHIC SETTING: Inwood soils are on nearly level to steeply sloping artificially created or modified landforms. These soils formed in demolished construction debris intermingled with some natural soil materials. The construction debris material commonly originates from the demolition of buildings and roads. The dominant coarse fragments in the construction debris are concrete, asphalt, bricks, coal ash, and steel with some sedimentary and metamorphic rocks sparsely intermingled. The transported soil material is dominantly from locally excavated upland materials such as alluvium, glacial till, outwash, or coastal plain sediments. Slope generally ranges from 0 to 75 percent. Mean annual precipitation ranges from 40 to 50 inches. Mean annual temperature ranges from 45 to 63 degrees Fahrenheit.

GEOGRAPHICALLY ASSOCIATED SOILS: These are Canarsie (T), Centralpark (T), Foresthills (T), Greenbelt (T) and Laguardia (T).

DRAINAGE AND PERMEABILITY: Well drained. The potential for surface runoff is low to medium on vegetated slopes less than 8 percent, and rapid to very rapid on vegetated slopes 8 percent and greater; runoff is one class more rapid where the soil is unvegetated or the surface is poorly protected.

Other soil series found in Queens County include the following, less common types:

Charlton
Chatfield
Cheshire
Ebbetts
Greatkills
Freshkills
Hollis
Hooksan
Leicester
Oakville
Plymouth
Riverhead
Sutton
Todthill
Wotalf

Although Queens is still geographically part of Long Island and shares a common glacial history, it is clear from the data presented that the soils of Queens County are different from those found in the region of Long Island. It is also clear that these soil types change dramatically, approximately at the Nassau County - Queens border. This is due to the large degree of human activity in Queens, which has disturbed and changed the soil composition of the area and to the decrease in the depth of the terminal moraine. The soils of Queens are for the most part, anthropogenic as they have experienced a great deal of movement and upheaval due to the urbanization of the area.

Out of the 30 soil types found in the region of Queens, there are only 3 that are also found in the region of Long Island. These are the Riverhead, Plymouth and Montauk soil series, which are the main natural soils still found in Queens County. Of these, the Montauk series makes up the predominant natural soil in Queens and is found elsewhere only in Eastern Suffolk County, along

the ocean shoreline in East Hampton Town. Typically on Long Island, the Montauk series is not viewed as an agriculturally important soil as it is very sandy and arid. Many of the other soil series found in Queens are also commonly found in areas other than Long Island. Soil series such as Sandyhook, Hooksan and Tilden, are also found in areas of eastern coastal New Jersey. The soils series Charlton, Cheshire, Hollis, Leicester, Sutton and Wethersfield – all found in Queens - are also common soils found in Middlesex and New Haven Counties in southern Connecticut. Indeed the soils of Queens bear only a slight resemblance to the soils of Long Island and are mostly classified as different series - even from those of neighboring Nassau County.

The difference in soil series, soil quality and depth, and the geological differences in bedrock depth between Queens and Long Island, would all lead to a significant impact on grape and wine quality if a commercial vineyard were to be planted in the area of Queens County. The French have documented for decades the significant effect that soil and soil type has on wine quality. With the different soils found in the Queens area, there is no doubt that the terrior of this area is significantly different from that of the rest of the Long Island area and would reflect in different aromas and tastes found in wines made from grapes grown in these areas. All other issues of urbanization aside, from a strictly soil science perspective, the western border for the Long Island AVA clearly must end at the Nassau County line.

Soils References

New York City Soil Survey: Prototype Urban Soil Survey. 1997. American Society of Agronomy, Crop Science Society of America and Soil Science Society of America Annual Meeting Proceedings, Anaheim, CA.

The New York City Soil Survey: A Customer-Centered Model For Urban Soil Surveys. 1997.

New York City Soil Survey Program .1998. Classification, Correlation and Management of Anthropogenic Soils Proceedings. USDA-NRCS
http://members.aol.com:/nycsoil/cover.htm/index.html

Soils of New York City. 1998. Agronomy Society of America, Crop Science Society of America and Soil Science Society of America Northeast Joint Meeting Proceedings.

The Soil Survey of New York City as Part the NRCS Urban Conservation Initiative. 1998. National Soil Survey Newsletter. Issue # 3. (Co-author)

New York City Soil Survey Program: An Urban Mapping Approach to the New Millennium. 1999. http://members.aol.com:/nycsoil/cover.htm/index.html

Conversation with Luis Hernandez, NYC Soil Scientist, June 2000.

Anthropogenic Soils: NYC Soil Survey Program. 1999. The Society of Soil Scientists of Southern New England Annual Proceedings, Sturbridge, MA.

Queens, New York

Elevation: 16 feet Latitude: 40 39N Longitude: 073 47W

Average Temperature

Years on Record: 34

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	54	33	34	41	51	61	70	76	75	68	57	48	38

Average High Temperature

Years on Record: 34

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	61	39	40	48	58	68	77	83	82	75	65	54	43

Average Low Temperature

Years on Record: 34

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	47	26	27	34	43	53	62	68	67	60	49	41	31

Highest Recorded Temperature

Years on Record: 34

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	104	69	68	85	90	99	99	104	101	98	85	77	70

Lowest Recorded Temperature

Years on Record: 34

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	-2	-2	---	7	20	34	45	55	46	41	30	19	2

Average Precipitation

Years on Record: 34

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
in.	40.8	3.3	2.9	3.5	3.7	3.9	3.1	3.7	3.6	3.3	2.9	3.4	3.6

Average Snowfall

Years on Record: 35

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
in.	22.7	7	7.6	3.9	0.4	---	---	---	---	---	---	0.3	3.5

Average Number of Clear Days

Years on Record: 35

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Days	98	8	8	8	8	7	7	8	8	10	11	8	8

Average Number of Cloudy Days

Years on Record: 35

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Days	151	15	13	14	13	13	12	11	10	11	11	14	15

Average Number of Rainy Days

Years on Record: 35

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Days	118	10	10	11	11	11	10	9	9	9	8	10	11

Average Number of Days Above 90F/32C

Years on Record: 34

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Days	10	---	---	---	---	---	2	4	3	1	---	---	---

Average Number of Days Above 65F/18C

Years on Record: 34

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Days	165	---	---	1	6	20	29	31	31	28	15	3	---

Average Number of Days Below 32F/0C

Years on Record: 34

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Days	78	23	20	12	1	---	---	---	---	---	---	4	17

Average Number of Days Below 5/-15C

Years on Record: 34

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Days	1	1	---	---	---	---	---	---	---	---	---	---	---

Queens - Flushing, New York

Elevation: 11 feet Latitude: 40 46N Longitude: 073 54E

Average Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	54.4	31.4	33.3	41.5	51.5	61.8	71.1	76.4	75.3	68.2	57.5	47.4	36.6

Average High Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	61.2	37.1	39.4	48.4	59.1	69.8	78.9	83.9	82.3	75.1	64.2	53.3	42.1

Average Low Temperature

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	47.6	25.6	27.1	34.6	43.8	53.8	63.3	68.9	68.3	61.2	50.7	41.5	31

Highest Recorded Temperature

Years on Record: 49

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	107	72	74	83	91	97	101	107	103	102	89	83	69

Lowest Recorded Temperature

Years on Record: 49

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
°F	-3	-3	-2	8	22	38	46	56	51	42	30	17	-1

Average Precipitation

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
in	42.1	3.1	2.9	3.6	3.8	3.8	3.6	4.1	3.8	3.4	3	3.8	3.4

Average Snowfall

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
in	22.6	7.5	8.2	2.9	0.4	---	---	---	---	---	---	0.4	3.1

Average Number of Clear Days

Years on Record: 45

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Days	95	8	8	8	8	7	8	7	8	10	11	7	8

Average Number of Cloudy Days

Years on Record: 45

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Days	153	15	13	14	13	13	11	11	11	11	11	14	14

Average Number of Rainy Days

Years on Record: 53

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Days	118	11	9	11	11	11	10	9	9	8	8	10	11

Average Number of Days Above 90F/32C

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Days	16	---	---	---	---	0.8	3.3	6.3	4	1.1	---	---	---

Average Number of Days Below 32F/0C

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Days	72	22	19	11	0.9	---	---	---	---	---	0.1	3.3	16

Average Number of Days Below 0F/-17C

Years on Record: 30

	YEAR	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Days	0.2	0.2	0.1	---	---	---	---	---	---	---	---	---	---

Climate Data for Queens County

1961- present National Oceanic and Atmospheric Administration, National Climatic Data Center, Asheville, NC (2000 Weatherbase.com - http://www.weatherbase.com/weather/city.php3?c=US&s=NY, (2000).

Station	Ave. Temp F	Ave. Temp. Apr. - Oct.	Ave. High T. F	Ave. Low T F	Highest T F	Lowest T F
Queens	54.0	65.4	61.0	47.0	104	-2
Queens/Flushing	54.4	65.9	61.2	47.6	107	-3
JFK Airport	53.7	64.9	60.7	46.5		
LaGuardia Airport	54.3	66.0	61.1	47.5		
Averages	**54.1**	**65.5**	**61.0**	**47.2**	**105.5**	**-2.5**

Station	Ave. Precip. Inches	Ave. Precip. May-Oct. "	Ave. Snow Inches	Ave. Days > 90 F	Ave. Days < 32 F
Queens	40.8	20.5	22.7	10	78
Queens/Flushing	42.1	21.7	22.6	16	72
JFK Airport	40.6	20.84			
Laguardia Airport	41.0	21.6			
Averages	**41.0**	**21.2**	**22.65**	**13**	**75**

Climate Data for Queens County

1951-present

Station	Heating Degree Days Base 65 degrees F	Cooling Degree Days Base 65 degrees F
JFK Airport	5027	921
LaGuardia Airport	4910	1052
Average	**4969**	**987**

National Oceanic and Atmospheric Administration, National Climatic Data Center, Asheville, NC (2000).

LONG ISLAND CLIMATIC DATA

1961-1990

Station	Ave. Temp F	Ave. Temp. Apr. - Oct.	Ave. High T. F	Ave. Low T F	Highest T F	Lowest T F
Aquebogue	52.3	63.4	60.9	43.6		
Bohemia	51.0	62.3	59.0	42.0		
Bridgehampton	50.9	61.2	58.9	42.8	102	
Brookhaven	50.0	61.3	58.0	43.0	96	-2
Calverton	52.3	63.4	60.9	43.6	100	-8
Carle Place	51.0	63.7	59.0	44.0		
East Hampton	50.0	61.3	58.0	43.0	96	-2
East Setauket	52.6	63.7	61.1	44.1	99	-11
Garden City	52.8	63.7	60.2	45.4	103	-4
Great Neck	51.0	64.0	59.0	46.0		
Greenport	51.3	62.2	59.2	43.3		
Islip	53.0	63.4	61.0	44.0	101	-7
Melville	50.0	61.3	58.0	43.0	96	-2
Mineola	52.9	64.0	60.0	45.2		
Patchogue	51.7	62.7	61.4	41.9	102	-13
Riverhead	50.0	69.4	58.0	43.0	96	-2
Westhampton	48.0	60.0	57.0	41.0		
Averages	**51.2**	**63.0**	**59.4**	**43.5**	**99.1**	**-5.67**

LONG ISLAND CLIMATIC DATA 1961-1990

Station	Ave. Precip. Inches	Ave. Precip May-Oct.	Ave. Snow Inches	Ave. Days > 90 F	Ave. Days <32 F	Ave. Days < 0 F
Aquebogue	45.3	21.4				
Bohemia	46.5	23.4				
Bridgehampton	45.6	20.8	25.6	2.7	104.0	0.2
Brookhaven	34.4	12.7		2.9	105.5	0.4
Calverton	45.4	21.6	27.9	9.2	97.0	0.3
Carle Place	40.4	20.1				
East Hampton	34.4	12.7		2.9	105.5	0.4
East Setauket	45.1	21.7	19.2	6.6	94.0	0.4
Garden City	43.6	21.8	25.0	11.0	82.0	0.2
Great Neck	41.0	20.5				
Greenport	45.0	21.5				
Islip	44.6	23.4	20.6	7.0	98.0	
Melville	34.4	12.7		2.9	105.5	0.4
Mineola	43.0	20.2				
Patchogue	48.5	23.1	29.4	7.8	111.0	1.3
Riverhead	34.4	19.8		2.9	105.5	0.4
Westhampton	43.4	19.8				
Averages	**42.0**	**19.84**	**24.62**	**5.59**	**100.8**	**0.44**

Long Island Climatic Data **1951-1990***

Station	Heating Degree Days Base 65 degrees F	Cooling Degree Days Base 65 degrees F	Growing Degree Days
Brideghampton	5685	497	2572
Islip	5647	706	n/a
Mineola	5316	853	3279
Patchogue	5489	457	2868
Riverhead	5331	730	2987
Setauket	5232	718	n/a
Averages	**5450**	**660**	**2927**

FROST FREE PERIOD **1961-1990***
(Days of Growing Season Between 32 degrees F)

Station	Number of Days <32 F
Bridgehampton	191
Greenport	202
Mineola	218
Riverhead	208
Setauket	199
Average	**204**

Queens Climate Data and Summary

The climate data presented on the following pages is pooled from a number of approved and official sources which include the National Oceanic and Atmospheric Administration, The National Environmental Satellite, Data and Information Service, The National Climatic Data Center in Asheville, N.C., Weatherbase.com, Canty and Associates, The National Virtual Data System, and Worldclimate.com. This data goes back an average of 30 years and in some cases has been recorded at various weather stations for over a century.

Observations that were recorded and compared included average temperature, average maximum and minimum temperature as well as averages of temperature extremes, and precipitation. The Long Island data was collected from all available weather stations operating in the Long Island area and averaged to provide a total Long Island climate picture. The data from Queens County, NY was taken from the four available weather stations in Queens, which include the two major New York airports - JFK International and LaGuardia International Airports. Because of the two airports and the large number of weather stations for a relatively small area, the climate of Queens has been well documented.

Upon first viewing the maps of Queens County and Long Island, one will see that geographically and geologically, Queens County is physically part of the region of Long Island. As was described in the soil data section, although Queens shares a similar glacial history with Long Island, the effect of the glaciers and the amount of topsoil they carried started to diminish toward the western end of Long Island - what is now Queens and Brooklyn. This is evident with the large amount of exposed bedrock, which becomes visible beginning in the Queens area and increases substantially toward the island of Manhattan. One can also see from the map of the area that the border of Queens County also corresponds to the beginning of where the rest of Long Island starts to separate significantly from the mainland. Where the border begins at Little Neck Bay, the coast is still relatively close to the mainland area of the Bronx, New York. Two bridges originating from Queens, (the Throgs Neck and the Whitestone Bridges) span this narrow inlet to reach this area of the Bronx, upstate New York and New England. At the beginning of the Nassau County line however, Long Island begins to separate further from the mainland and the body of water called the Long Island Sound begins to form and get wider as one travels east. At it widest point, Long Island Sound is almost 20 miles across, separating the east end of Long Island from the mainland of Connecticut.

It is mainly from this geographic orientation that Long Island derives its mild, maritime climate. As was described in the Climate Chapter, the surrounding water heavily influences Long Island's weather. As the area of Queens is much closer to the mainland (both to the north and west) and has less water surrounding it, its climate is moderated less by a maritime effect. This is evidenced by the historical climate data from Queens County.

As one can see from the data presented, the region of Queens is across the board, much warmer than the region of Long Island. The average temperature of Queens is 54.1 degrees F, compared to 51.2 F for Long Island – a significant difference of almost 3 degrees F. The average temperature of Queens from May through October (the main growing season for grapes) is 2.5 degrees F. warmer than the same period on Long Island. The average high temperature in Queens is also 1.6 degrees F warmer than Long Island. The average low temperature for Queens is 3.7 degrees F. warmer than Long Island. In particular, Queens experiences a lack of influence of the water in the summer months, having a recording of 105.5 degrees F as the highest recorded temperature. Long Island has 99.1 by comparison. Queens also experiences on average, 13 days where the temperature reaches 90 degrees F or more, versus Long Island, which only has 5.59 days of this temperature. These numbers once again show clearly the importance of the moderating effect of the surrounding water on the temperatures of Long Island.

The warmer climate of Queens is also seen during the months of the year that does not include the growing season. As the data shows, Queens experiences 75 days of temperatures below 32 degrees F, while Long Island experiences over 100 days below 32 degrees F. – 25 days more – a difference of almost one month. The average low temperature recorded in Queens is –2.5 degrees F. while on Long Island the average lowest is –5.67 degrees F. In this category, Queens is once again warmer, showing an overall average in lowest temperature recorded of 3.67 degrees F higher than Long Island.

In terms of Heating-Degree Days and Cooling-Degree Days, the data once again is consistent. Queens on average has 4969 Heating Degree-Days versus 5450 for Long Island. As was stated earlier in the paper, the larger the number of Heating Degree-Days, the cooler the climate of that region. Long Island is by far the cooler of the two areas, having 481 more Heating Degree-Days. In terms of Cooling Degree-Days, the larger the number, the warmer the climate of that region. The average for Queens is 987 versus 660 for Long Island (a huge difference of 327 Degree Days) once again highlighting how much warmer the area of Queens is when compared to Long Island. These numbers represent substantial

and significant differences between the climate of Queens County and the rest of Long Island and once again demonstrate the powerful maritime influence that moderates the climate of the Long Island region.

In terms of average annual precipitation, Long Island and Queens are more similar, with Long Island having on average, only an inch more of rainfall per year. However the amount of rainfall accumulated during the growing season shows a greater difference between these two regions, with Queens County having 1.4 inches more during this six-month period – a significant difference to a grape grower. This shows clearly the shift in weather patterns and rainstorms that consistently veer away from Long Island. This change in storm patterns is most likely due to the influence of the maritime breezes, which increase in velocity and turbulence as Long Island stretches out eastward into the Atlantic Ocean.

Queens County is part city and part urban sprawl. There is a possibility that part of the explanation for the warmer climate in Queens is due to the fact that sunlight and heat can be absorbed by streets, pavement and buildings, artificially raising ambient temperatures. Larger structures also inhibit some breezes that would otherwise moderate some of the climate. It is true however that the orientation of Queens County, closer to the mainland of New York and New Jersey, is the most significant factor for the warmer temperatures experienced in this area.

Even though the area of Queens County is geographically attached to Long Island, any similarity that Queens has to Long Island ends there. Indeed from a historical and political perspective, the area of Queens County has never been recognized as being part of Long Island. Queens County represents the western boundary of New York City and has never been included in any summary of business, population or economic information involving Long Island. The name Long Island has always, only meant to describe the counties of Nassau and Suffolk. Aside from this, the region of Queens is highly urbanized and contains no viable agricultural farmland. Open space in Queens is either along the shoreline, in the form of wetlands, marshlands and beaches, or is preserved in the form of public parks. For all practical purposes, there exists little possibility that a commercial vineyard and winery operation could exist in this area. If the possibility does occur however, the climate and soil data clearly show that the area of Queens County differs significantly from that of Long Island. All of the climate factors combined, along with the differences in soil depth and series, clearly show that Queens County would theoretically grow and produce grapes and wines of a different type and character from those grown and produced on Long Island. The differences in the climate and soil of Queens as compared to Long Island provide sufficient evidence to strongly support the Queens/Nassau County border as the western boundary line for the proposed Long Island AVA.

USGS LANDSAT 7

Home

Browse Images
-Anchorage
-Maui
-Washington/Oregon
-Clearwater Crater
-Manicouagan Crater
-New York
-Panama
-Aljeandro Selkirk Island
-Lake Titicaca
-Buenos Aires
-Antartica Iceberg
-Tenovmer Crater
-Strait of Gibralter
-English Channel
-Turkey
-Egypt
-Aral Sea
-Great Sandy
-Elgygytgym Crater

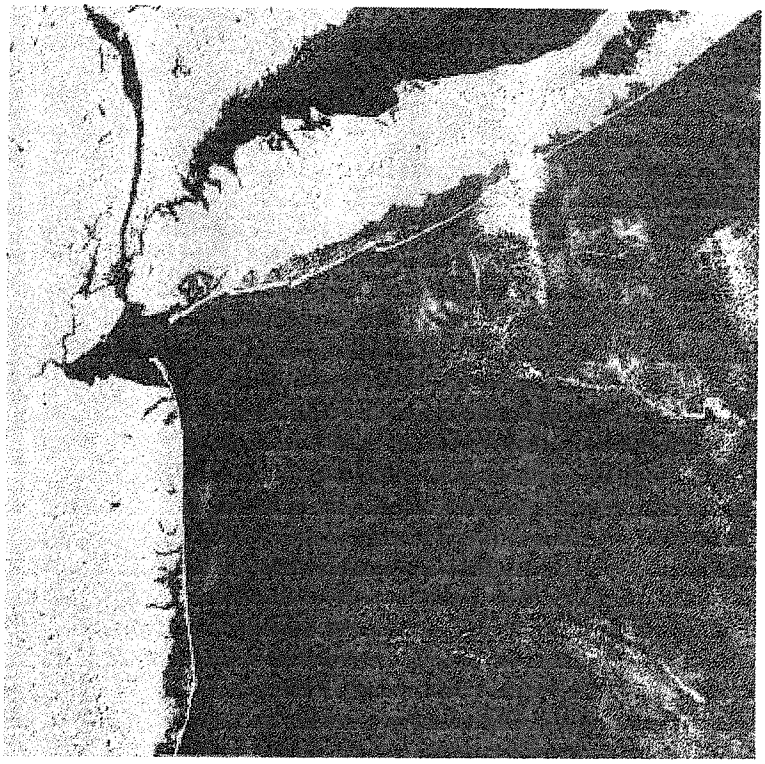
Using LANDSAT 7 Data

Contact LANDSAT 7

Site Index

New York

New York and Long Island Path 13 Row 32
Date Acquired: July 30, 1999



This Landsat 7 browse image shows the area around New York City including Newark, NJ and Long Island. Click below for a in depth view of Manhattan Island. (These pictures will open in a new window).

Large New York Image

Manhattan Island

U.S. Department of the Interior
U.S. Geological Survey
Please read this general Disclaimer
URL: http://landsat7.usgs.gov/browse/newyork.html
Maintainer: edcweb@edc.usgs.gov
Last Update: Friday, June 02, 2000.
USGS Privacy Statement

Climate References

Long Island Convention and Visitors Bureau, Long Island Travel Guide, (1997).

Long Island Business News, 1999 Long Island Almanac, 33rd edition, (1999).

National Oceanic and Atmospheric Administration, National Climatic Data Center, Asheville, NC (2000).

Olsen-Harbich, R., *North Fork of Long Island* AVA Petition (1985).

Weatherbase.com - http://www.weatherbase.com/weather/city.php3?c=US&s=NY, (2000).

Weather Underground - http://swedish.wunderground.com/about/faq/degreedays.asp (2000).

Winkler, A.J., et.al. General Viticulture, University of California Press, Davis, CA. (1976).

The Wines of Long Island

Birth of a Region

Philip F. Palmedo and Edward Beltrami

Photographs by Sara Matthews

Preface by Paul Pontallier, *Château Margaux*

Appendix I

Appendix I

WINES OF LONG ISLAND

Presented by
Thomas J. McAdam's Liquor C orp.
(A Buy-Rite/Price-Cutter Discount Store)

Tour of Wineries	Winery of the Month	Long Island Region	Wines	Ordering

About our site

Getting around

There are many interesting locations in our site to make you better informed about the superb wine offerings from Eastern Long Island.

About Us

Touring the Wineries will take you first to the list of vineyards from which our selections are procured. Select one to read a brief description of the vineyard and its wines. Our prices for these selections can be found by going through wines.

Each month, we will pick one of the 18 vineyards as the Winery of the Month to showcase with a more in depth focus.

For all pages within the site, when you read about a wine that interests you; check the box next to it and click the [add to my shopping basket] button at the top of the page before leaving the page. Your selection will be added to a shopping basket to review at anytime simply by going to the "ordering" page.

If at any time you wish to unselect a wine, press the check box next to that wine until the "X" disappears, then click on "add to shopping basket" and that wine will be removed.

*** Note:**

Please Note that this site uses a feature known as "Cookies" to store your selections. Although both Netscape and Microsoft Explorer support this technology, it is not supported by all web browsers. If your selections do not get saved in your shopping basket (i.e. they do not show up on the ordering page) then you may want to check with your internet provider to see if they support this technology. If your provider does not support "Cookies" you may still use this site by writing down the items and quantities you wish to purchase and filling out the message box on the bottom of the order page. Please make sure to also fill out the personal information on the order page as well.

Where our Grapes are grown. Eastern Long Island is more than a playground for the rich and famous. See why growers have such success growing grapes of such superb flavor.

Seeing our Wine List. Our selections are indexed by wine type. Choose a type of wine to see a list of wines, our prices, and a short description of the wine's sensibilities. Check the box next to any wine that appeals to you. Remember to save the selection before going to another page in order to add it to your shopping basket.

How to Order

When you are ready to place an order, link to the order page by clicking the button at the top of the

page. The order page will show the selections you have chosen. Fill in the Quantity box with the number of bottles that you wish to order and click the Total Button. Your total order cost will be calculated for you.

For us to fill your order, we need you to fill in the form you will find at the bottom of the order page. When you place your order by clicking the [Place Order] button, you order will be faxed to our store for processing.

Our Customer Service representative will reach you by phone to verify your order and obtain credit card payment information. Your order will then be shipped without delay.

Who we are

McAdam "Buy-Rite" Liquors, established in 1934 and owned by the Fink family, has emerged as one of New York's largest and most respected Wine & Spirit merchants. We are a major source of the world's finest wines as well as wine future specialists.

We are pleased to be recognized as the largest purveyor of the rapidly growing Long Island Wine industry. Quality offerings from 18 vineyards from the rich and fertile regions of eastern Long Island are listed in our pages. The accolades for the region's merlots, cabernets and chardonnays have been truly outstanding. Equally impressive are the "Late Harvest" dessert wines, and some of the best Meritage and Pinot Noir that you can find.

We dedicate our site to inform, excite, and have you discover the wonders of our vines.

The Owner:
Bob Fink holds a degree from New York University in Management and Marketing. He has been on the Board of Trustees of the Metropolitan Package Store Association; been a recipient of the prestigious "Retailer of the Year" Award for the New York Area; and has graduated with honors from the late Harold Grossman's *Sommelier Wine Program.*

The Manager:
William Rudowski, store manager and wine buyer, has been with McAdam's for 15 years. His reputation as an astute wine merchant is widespread. His keen palate and amazing memory for the tastings he has participated in make him a veritable encyclopedia of wine knowledge. Contact him for recommendations and you will not be disappointed.

Thomas J. McAdam's Liquor Corp. - World largest purveyor of Long Island Wines.
398 3rd Avenue, New York, NY 10016 - (between 28th and 29th St.)
(212) 679-1224 Fax (212) 689-5761

Tour of Wineries| Winery of the Month| Long Island Region| Wines| Ordering

Send us a message

Pops Wine category LONG-ISLAND-WINES select online and mail order wine #325

& Spirits ...Pop's is one of the largest outlets of fine & rare wine in the USA, having been recognized as a retailer of the year IN Market Watch magazine (1994). Customer service is a number one priority and we offer a state-of-the-art full computerized telephone/mail order service that we feel in the best in the industry. Please add your name to our mailing list.

Click the "Add items" box TO order (You will be able TO adjust quantities later)

Add Items to Shopping Cart

 Check on your Items in Shopping Cart or adjust quantities.

Free 192 page Catalog

Last update 11/16/99 08:52:28 AM

Items marked **'SOLD-OUT'** often come back into inventory. You can place an order for those items and you automatically be notified/invoiced when they arrive.

Vint	Description	Size	Bottle Pr	Case Pr	-
1991	BEDELL CELLARS CABERNET SAUVIGNON, NORTH FORK OF LONG ISLAND	MAGNU	34.61	207.66	☐
1995	BEDELL CELLARS CABERNET SAUVIGNON, NORTH FORK OF LONG ISLAND	750ML	20.07	225.81	☐
1995	BEDELL CELLARS CHARDONNAY, NORTH FORK OF LONG ISLAND	750ML	9.35	105.21	☐
1995	BEDELL CELLARS CHARDONNAY, RESERVE, NORTH FORK OF LONG ISLAND	750ML	14.00	157.50	☐
1994	BEDELL CELLARS CUPOLA, NORTH FORK OF LONG ISLAND	750ML	23.35	262.71	☐
	BEDELL CELLARS CYGNET, A SPECIAL BLEND OF PREMIUM WHITE GRAPES	750ML	7.00	78.75	☐
	BEDELL CELLARS EIS, WHITE TABLE WINE	375ML	26.52	596.70	☐
1997	BEDELL CELLARS GEWURZTRAMINER, NORTH FORK OF LONG ISLAND SOLD-OUT	750ML	12.15	136.71	☐
	BEDELL CELLARS MAIN ROAD RED, RED TABLE WINE	750ML	9.08	102.15	☐
	BEDELL CELLARS MAIN ROAD WHITE, WHITE TABLE WINE	750ML	9.24	103.95	☐
1995	BEDELL CELLARS MERLOT, NORTH FORK OF LONG ISLAND	750ML	15.88	178.65	☐
1996	BEDELL CELLARS MERLOT, NORTH FORK OF LONG ISLAND	750ML	16.79	188.91	☐
1995	BEDELL CELLARS MERLOT, RESERVE, NORTH FORK OF LONG ISLAND	750ML	27.99	314.91	☐

	BEDELL CELLARS RASPBERRY WINE	375ML	10.20	229.50	☐
1997	CHANNING DAUGHTERS CHARDONNAY, BRICK KILN, THE HAMPTONS, LONG ISL	750ML	15.08	169.65	☐
1998	CHANNING DAUGHTERS CHARDONNAY, BRICK KILN, THE HAMPTONS, LONG ISL	750ML	16.36	184.05	☐
1998	CHANNING DAUGHTERS CHARDONNAY, BRICK KILN, THE HAMPTONS, LONG ISL	375ML	8.76	197.10	☐
1997	CHANNING DAUGHTERS CHARDONNAY, SCUTTLEHOLE, THE HAMPTONS, LI	750ML	10.64	119.70	☐
1998	CHANNING DAUGHTERS CHARDONNAY, SCUTTLEHOLE, THE HAMPTONS, LI	750ML	13.08	147.15	☐
1997	CHANNING DAUGHTERS FRESH RED, PRORIETOR'S ESTATE, THE HAMPTONS\	750ML	13.08	147.15	☐
1994	CHANNING DAUGHTERS MERLOT, SCULTURE GARDEN, LIBRARY SELECTION	750ML	17.51	197.01	☐
1995	CHANNING DAUGHTERS MERLOT, SCULTURE GARDEN, THE HAMPTONS, LI	750ML	15.08	169.65	☐
1998	CHANNING PERRINE RIESLING, ROLLING RIDGE VINEYARD, NORTH FORK	750ML	13.08	147.15	☐
1997	CHANNING PERRINE RIESLING, ROLLING RIDGE VINEYARD, NORTH SOLD-OUT	750ML	10.64	119.70	☐
1997	CHANNING PERRINE SAUVIGNON BLANC, MUDD VINEYARD, NORTH FORK	750ML	13.08	147.15	☐
1998	CHANNING PERRINE SAUVIGNON BLANC, MUDD VINEYARD, NORTH FORK	750ML	15.19	170.91	☐
	COBBLESTONE AUNT WILLOW'S APPLE CRANBERRY WINE	750ML	3.59	43.08	☐
1994	COBBLESTONE CHARDONNAY, OLD BROOKVILLE, NASSAU COUNTY	750ML	7.37	88.44	☐
	COBBLESTONE UNCLE DOC'S GARLIC CHARDONNAY, NORTH FORK OF SOLD-OUT	750ML	3.59	43.08	☐
1997	COREY CREEK VINEYARDS CABERNET FRANC, NORTH FORK OF LONG ISLAND	750ML	16.31	183.51	☐
1995	COREY CREEK VINEYARDS CHARDONNAY, NORTH FORK OF LONG ISLAND	750ML	10.08	113.40	☐
1996	COREY CREEK VINEYARDS CHARDONNAY, NORTH FORK OF LONG ISLAND	750ML	10.87	122.31	☐
1996	COREY CREEK VINEYARDS CHARDONNAY, RESERVE, NORTH FORK OF LONG ISL	750ML	13.88	156.15	☐
1997	COREY CREEK VINEYARDS CHARDONNAY, RESERVE, NORTH FORK OF LONG ISL	750ML	13.59	152.91	☐
1996	COREY CREEK VINEYARDS MERLOT, NORTH FORK OF LONG ISLAND	750ML	15.12	170.10	☐
1997	COREY CREEK VINEYARDS MERLOT, NORTH FORK OF LONG ISLAND	750ML	16.31	183.51	☐
1997	COREY CREEK VINEYARDS ROSE, NORTH FORK OF LONG ISL/FINGER LAKES	750ML	9.51	107.01	☐
	COUNTRY GARDENS BLUSH BOUQUET (BIDWELL VINEYARDS)	750ML	4.97	59.64	☐
1996	DUCK WALK VINEYARDS APHRODITE, LATE HARVEST GEWURZTRAMINER, LI	750ML	26.28	295.65	☐

1997	DUCK WALK VINEYARDS APHRODITE, LATE HARVEST GEWURZTRAMINER, LI	375ML	12.60	141.75	☐
	DUCK WALK VINEYARDS BLUEBERRY PORT, LONG ISLAND, NEW YORK	375ML	12.60	283.50	☐
1995	DUCK WALK VINEYARDS CABERNET SAUVIGNON, NORTH FORK OF LONG ISLAND	750ML	18.68	210.15	☐
1997	DUCK WALK VINEYARDS CHARDONNAY, LONG ISLAND, NEW YORK	750ML	8.40	94.50	☐
1997	DUCK WALK VINEYARDS CHARDONNAY, LONG ISLAND, NEW YORK	1.5L	14.95	84.11	☐
1996	DUCK WALK VINEYARDS CHARDONNAY, RESERVE, LONG ISLAND, NEW YORK	750ML	10.76	121.05	☐
1995	DUCK WALK VINEYARDS MERLOT, NORTH FORK OF LONG ISLAND	750ML	15.40	173.25	☐
1997	DUCK WALK VINEYARDS PINOT MEUNIER, NORTH FORK OF LONG ISLAND	750ML	10.28	115.65	☐
	DUCK WALK VINEYARDS SOUTHAMPTON WHITE, THE HAMPTONS, LONG ISLAND	750ML	7.96	89.55	☐
	DUCK WALK VINEYARDS WINDMILL BLUSH, TABLE WINE	750ML	7.00	78.75	☐
	DUCK WALK VINEYARDS WINDMILL BLUSH, TABLE WINE	1.5L	13.08	73.58	☐
	DUCK WALK VINEYARDS WINDMILL RED, TABLE WINE	750ML	7.00	78.75	☐
	DUCK WALK VINEYARDS WINDMILL WHITE, TABLE WINE	750ML	7.00	78.75	☐
1995	DZUGAS VINEYARDS CHARDONNAY, NORTH FORK OF LONG ISLAND	750ML	11.19	125.91	☐
	GRISTINA AVALON	750ML	7.16	80.55	☐
1997	GRISTINA CABERNET FRANC, NORTH FORK OF LONG ISLAND	750ML	14.71	165.51	☐
1994	GRISTINA CABERNET SAUVIGNON, ANDY'S FIELD, NORTH FORK OF LONG ISL	750ML	23.32	262.35	☐
1996	GRISTINA CABERNET SAUVIGNON, NORTH FORK OF LONG ISLAND	750ML	13.44	151.20	☐
1995	GRISTINA CABERNET SAUVIGNON, NORTH FORK OF LONG ISLAND SOLD-OUT	750ML	14.36	161.55	☐
1997	GRISTINA CHARDONNAY, ANDY'S FIELD, NORTH FORK OF LONG ISLAND	750ML	18.48	207.90	☐
1997	GRISTINA CHARDONNAY, NORTH FORK OF LONG ISLAND	750ML	10.08	113.40	☐
1994	GRISTINA MERLOT, ANDY'S FIELD, NORTH FORK OF LONG ISLAND	750ML	22.68	255.15	☐
1995	GRISTINA MERLOT, ANDY'S FIELD, NORTH FORK OF LONG ISLAND	750ML	22.68	255.15	☐
1995	GRISTINA MERLOT, NORTH FORK OF LONG ISLAND	750ML	14.00	157.50	☐
1996	GRISTINA MERLOT, NORTH FORK OF LONG ISLAND	750ML	12.60	141.75	☐
1995	GRISTINA PINOT NOIR, NORTH FORK OF LONG ISLAND	750ML	16.79	188.91	☐
1997	GRISTINA ROSE OF CABERNET SAUVIGNON, NORTH FORK OF LONG ISLAND	750ML	8.40	94.50	☐

1997	HARGRAVE BLANC FUME, NORTH FORK OF LONG ISLAND	750ML	10.36	116.55	☐
1997	HARGRAVE CABERNET FRANC, NORTH FORK OF LONG ISLAND	750ML	14.00	157.50	☐
	HARGRAVE CHARDONETTE, NORTH FORK OF LONG ISLAND	750ML	6.92	77.85	☐
1998	HARGRAVE CHARDONNAY, NORTH FORK OF LONG ISLAND	750ML	14.00	157.50	☐
1997	HARGRAVE MERLOT, NORTH FORK OF LONG ISLAND	750ML	15.88	178.65	☐
1997	HARGRAVE PINOT BLANC, NORTH FORK OF LONG ISLAND	750ML	10.36	116.55	☐
1997	HARGRAVE PINOT NOIR, NORTH FORK OF LONG ISLAND	750ML	16.79	188.91	☐
1996	JAMESPORT CABERNET FRANC, NORTH FORK OF LONG ISLAND	750ML	12.15	136.71	☐
1995	JAMESPORT CHARDONNAY, COX LANE VINEYARD, NORTH FORK OF L SOLD-OUT	750ML	9.80	110.25	☐
1997	JAMESPORT CHARDONNAY, COX LANE VINEYARD, NORTH FORK OF LONG ISL	750ML	12.15	136.71	☐
1995	JAMESPORT CHARDONNAY, THREE BARREL SELECT, NORTH FORK OF LONG ISL	750ML	14.44	162.45	☐
	JAMESPORT ISLAND BLANC, NORTH FORK OF LONG ISLAND	750ML	8.09	103.95	☐
	JAMESPORT ISLAND BLANC, NORTH FORK OF LONG ISLAND	1.5L	16.63	93.56	☐
	JAMESPORT ISLAND ROSE, NORTH FORK OF LONG ISLAND	750ML	7.12	85.44	☐
	JAMESPORT ISLAND ROUGE, NORTH FORK OF LONG ISLAND	750ML	8.87	99.81	☐
	JAMESPORT ISLAND ROUGE, NORTH FORK OF LONG ISLAND SOLD-OUT	1.5L	16.63	93.56	☐
1994	JAMESPORT MELANGE DE TROIS, NORTH FORK OF LONG ISLAND SOLD-OUT	750ML	16.68	187.65	☐
1995	JAMESPORT VINEYARDS MERLOT, NORTH FORK OF LONG ISLAND	750ML	14.44	162.45	☐
1995	JAMESPORT VINEYARDS RIESLING, LATE HARVEST, NORTH FORK OF LI	375ML	22.20	499.50	☐
1996	JAMESPORT VINEYARDS RIESLING, NORTH FORK OF LONG ISLAND	750ML	9.09	109.08	☐
1997	JAMESPORT VINEYARDS RIESLING, NORTH FORK OF LONG ISLAND	750ML	10.28	115.65	☐
1996	JAMESPORT VINEYARDS SAUVIGNON BLANC, NORTH FORK OF LONG ISLAND	750ML	7.83	93.96	☐
1998	JAMESPORT VINEYARDS SAUVIGNON BLANC, NORTH FORK OF LONG ISLAND	750ML	11.19	125.91	☐
1996	LAUREL LAKE VINEYARDS CHARDONNAY, NORTH FORK OF LONG ISLAND	750ML	11.45	137.40	☐
1995	LAUREL LAKE VINEYARDS CHARDONNAY, RESERVE, NORTH FORK OF LONG ISL	750ML	12.24	146.88	☐
1997	LAUREL LAKE VINEYARDS CHARDONNAY, RESERVE, NORTH FORK OF LONG ISL	750ML	14.00	157.50	☐

1997	LAUREL LAKE VINEYARDS LAKE ROSE, NORTH FORK OF LONG ISLAND	750ML	8.18	98.16	☐
1996	LAUREL LAKE VINEYARDS MERLOT, NORTH FORK OF LONG ISLAND	750ML	13.32	149.85	☐
1998	LAUREL LAKE VINEYARDS RIESLING, NORTH FORK OF LONG ISLAND	750ML	9.80	110.25	☐
	LAUREL LAKE VINEYARDS WIND SONG, WHITE TABLE WINE	750ML	7.96	89.55	☐
1994	LENZ CABERNET SAUVIGNON, NORTH FORK OF LONG ISLAND	750ML	23.08	259.65	☐
1995	LENZ CABERNET SAUVIGNON, NORTH FORK OF LONG ISLAND	750ML	23.35	262.71	☐
1996	LENZ CABERNET SAUVIGNON, VINEYARD SELECTION, NORTH FORK OF LI	750ML	14.00	157.50	☐
1996	LENZ CHARDONNAY, GOLD LABEL, BARREL FERMENTED, NORTH FORK OF LI	750ML	23.35	262.71	☐
1996	LENZ CHARDONNAY, VINEYARD SELECTION, NORTH FORK OF LONG ISLAND	750ML	9.35	105.21	☐
1993	LENZ CUVEE, METHODE CHAMPENOISE, NORTH FORK OF LONG ISLAND	750ML	27.99	314.91	☐
1996	LENZ GEWURZTRAMINER, NORTH FORK OF LONG ISLAND SOLD-OUT	750ML	10.28	115.65	☐
1996	LENZ MERLOT, ESTATE BOTTLED, NORTH FORK OF LONG ISLAND	750ML	23.35	262.71	☐
1996	LENZ MERLOT, VINEYARD SELECTION, FORK OF LONG ISLAND SOLD-OUT	750ML	15.88	178.65	☐
1997	LENZ MERLOT-CABERNET SAUVIGNON BLEND, NORTH FORK OF LONG ISLAND	750ML	15.88	178.65	☐
1995	LENZ PINOT NOIR, ESTATE BOTTLED, NORTH FORK OF LONG ISLA SOLD-OUT	750ML	14.00	157.50	☐
1996	LITTLE COBB ROAD CABERNET SAUVIGNON, SUFFOLK COUNTY	750ML	10.87	122.31	☐
1996	LITTLE COBB ROAD CHARDONNAY, SUFFOLK COUNTY	750ML	6.00	72.00	☐
1997	MACARI CABERNET FRANC, ESTATE BOTTLED, NORTH FORK OF LONG ISLAND	750ML	18.20	204.75	☐
1997	MACARI CHARDONNAY, BARREL FERMENTED, NORTH FORK OF LONG ISLAND	750ML	18.20	204.75	☐
1997	MACARI CHARDONNAY, ESTATE BOTTLED, NORTH FORK OF LONG ISLAND	750ML	13.80	155.25	☐
1997	MACARI MERLOT, ESTATE BOTTLED, NORTH FORK OF LONG ISLAND	750ML	18.20	204.75	☐
1997	MACARI ROSE D'UNE NUIT, ESTATE BOTTLED, NORTH FORK OF LONG ISLAND	750ML	11.08	124.65	☐
1996	OLD BROOKVILLE CHARDONNAY, NASSAU COUNTY	750ML	8.99	107.88	☐
1997	OLD BROOKVILLE CHARDONNAY, NASSAU COUNTY	750ML	10.87	122.31	☐
	OSPREY'S DOMINION BAYMAN'S HARVEST, NORTH FORK OF LONG ISLAND	750ML	5.59	62.91	☐
1995	OSPREY'S DOMINION CABERNET SAUVIGNON, NORTH FORK OF LONG ISLAND	750ML	12.84	144.45	☐

1996	OSPREY'S DOMINION CABERNET SAUVIGNON, NORTH FORK OF LONG ISLAND	750ML	12.15	136.71	☐
1995	OSPREY'S DOMINION CABERNET SAUVIGNON, RESERVE, NORTH FORK OF LI	750ML	22.68	255.15	☐
1996	OSPREY'S DOMINION CHARDONNAY, NORTH FORK OF LONG ISLAND	750ML	13.03	146.61	☐
1997	OSPREY'S DOMINION CHARDONNAY, NORTH FORK OF LONG ISLAND	750ML	9.72	109.35	☐
	OSPREY'S DOMINION CHARDONNAY, REGINA MARIS, NORTH FORK OF LI	750ML	7.00	78.75	☐
1996	OSPREY'S DOMINION CHARDONNAY, RESERVE, NORTH FORK OF LONG ISLAND	750ML	18.79	211.41	☐
1997	OSPREY'S DOMINION JOHANNISBERG RIESLING, NORTH FORK OF LONG ISL	750ML	11.56	130.05	☐
1996	OSPREY'S DOMINION MERLOT, NORTH FORK OF LONG ISLAND	750ML	15.19	170.91	☐
1997	OSPREY'S DOMINION MERLOT, NORTH FORK OF LONG ISLAND	750ML	13.88	156.15	☐
1996	OSPREY'S DOMINION PINOT NOIR, NORTH FORK OF LONG ISLAND	750ML	14.39	161.91	☐
1997	OSPREY'S DOMINION PINOT NOIR, NORTH FORK OF LONG ISLAND	750ML	18.48	207.90	☐
	OSPREY'S DOMINION PORT, NORTH FORK OF LONG ISLAND	375ML	9.40	211.50	☐
	OSPREY'S DOMINION PORT, NORTH FORK OF LONG ISLAND	750ML	14.92	167.85	☐
1998	OSPREY'S DOMINION SAUVIGNON BLANC, NORTH FORK OF LONG ISLAND	750ML	14.71	165.51	☐
	OSPREY'S DOMINION SPICE WINE	750ML	9.40	105.75	☐
	OSPREY'S DOMINION STRAWBERRY WINE	750ML	8.44	94.95	☐
	OSPREY'S DOMINION TWILIGHT BLUSH, NORTH FORK OF LONG ISLAND	750ML	7.56	85.05	☐
1997	PALMER CABERNET SAUVIGNON, RESERVE, NORTH FORK OF LONG ISLAND	750ML	15.12	170.10	☐
1997	PALMER CHARDONNAY, RESERVE, NORTH FORK OF LONG ISLAND	750ML	12.60	141.75	☐
1997	PALMER SELECT RESERVE, WHITE, NORTH FORK OF LONG ISLAND	750ML	14.28	160.65	☐
1997	PALMER VINEYARDS CABERNET FRANC, PROPRIETOR'S RESERVE, NORTH FORK	750ML	14.28	160.65	☐
1995	PALMER VINEYARDS CHARDONNAY, BARREL FERMENTED, NORTH FORK OF LI	750ML	12.60	141.75	☐
1998	PALMER VINEYARDS CHARDONNAY, NORTH FORK OF LONG ISLAND	1.5L	15.12	85.05	☐
1998	PALMER VINEYARDS CHARDONNAY, NORTH FORK OF LONG ISLAND	750ML	10.08	113.40	☐
1998	PALMER VINEYARDS GEWURZTRAMINER, NORTH FORK OF LONG ISLAND	750ML	12.60	141.75	☐
	PALMER VINEYARDS LIGHTHOUSE RED, COFFEE POT LIGHT, LONG ISLAND	750ML	8.40	94.50	☐

	PALMER VINEYARDS LIGHTHOUSE ROSE, BUD LIGHT, LONG ISLAND	750ML	8.40	94.50	☐
	PALMER VINEYARDS LIGHTHOUSE WHITE, PLUM ISLAND LIGHT, LONG ISLAND	750ML	8.40	94.50	☐
	PALMER VINEYARDS LONG ISLAND HOUSE WINE, RED	1.5L	10.08	56.70	☐
	PALMER VINEYARDS LONG ISLAND HOUSE WINE, WHITE	1.5L	10.08	56.70	☐
	PALMER VINEYARDS MERLOT, NORTH FORK OF LONG ISLAND	750ML	11.76	132.30	☐
1996	PALMER VINEYARDS MERLOT, NORTH FORK OF LONG ISLAND	750ML	15.12	170.10	☐
1997	PALMER VINEYARDS PINOT BLANC, ESTATE, NORTH FORK OF LONG ISLAND	750ML	8.40	94.50	☐
1998	PALMER VINEYARDS SAUVIGNON BLANC, NORTH FORK OF LONG ISLAND	750ML	12.60	141.75	☐
1991	PALMER VINEYARDS SELECT RESERVE, NORTH FORK OF LONG ISLAND	750ML	16.52	185.85	☐
1993	PALMER VINEYARDS SELECT RESERVE, NORTH FORK OF LONG ISLAND	750ML	17.83	200.61	☐
1995	PALMER VINEYARDS SELECT RESERVE, NORTH FORK OF LONG ISLAND	750ML	21.00	236.25	☐
	PALMER VINEYARDS SUNRISE-SUNSET, BLUSH TABLE WINE	750ML	8.40	94.50	☐
1998	PALMER VINEYARDS WHITE RIESLING, NORTH FORK OF LONG ISLAND	750ML	12.60	141.75	☐
1995	PAUMANOK ASSEMBLAGE, NORTH FORK OF LONG ISLAND	750ML	24.36	274.05	☐
1995	PAUMANOK CABERNET SAUVIGNON, GRAND VINTAGE, NORTH FORK O SOLD-OUT	750ML	27.72	311.85	☐
1997	PAUMANOK CABERNET SAUVIGNON, NORTH FORK OF LONG ISLAND	750ML	14.28	160.65	☐
1997	PAUMANOK CHARDONNAY, BARREL FERMENTED, NORTH FORK OF LONG ISLAND	750ML	13.88	156.15	☐
1995	PAUMANOK CHARDONNAY, GRAND VINTAGE, NORTH FORK OF LONG ISLAND	750ML	21.75	244.71	☐
1998	PAUMANOK CHENIN BLANC, NORTH FORK OF LONG ISLAND	750ML	13.08	147.15	☐
	PAUMANOK FESTIVAL CHARDONNAY, NORTH FORK OF LONG ISLAND	750ML	9.32	104.85	☐
1996	PAUMANOK FESTIVAL RED, NORTH FORK OF LONG ISLAND	750ML	12.60	141.75	☐
1997	PAUMANOK FESTIVAL RED, NORTH FORK OF LONG ISLAND	750ML	14.20	159.75	☐
1995	PAUMANOK MERLOT, GRAND VINTAGE, NORTH FORK OF LONG ISLAND	750ML	25.72	289.35	☐
1996	PAUMANOK MERLOT, NORTH FORK OF LONG ISLAND	750ML	11.56	130.05	☐
1997	PAUMANOK MERLOT, NORTH FORK OF LONG ISLAND	750ML	15.12	170.10	☐
1998	PAUMANOK RIESLING, DRY, NORTH FORK OF LONG ISLAND	750ML	12.44	139.95	☐

1998	PAUMANOK RIESLING, LATE HARVEST, NORTH FORK OF LONG ISLAND	375ML	16.87	189.81	☐
1998	PAUMANOK RIESLING, SEMI-DRY, NORTH FORK OF LONG ISLAND	750ML	12.44	139.95	☐
1997	PAUMANOK SAUVIGNON BLANC, LATE HARVEST, NORTH FORK OF LONG ISLAND	375ML	25.72	289.35	☐
1998	PAUMANOK SAUVIGNON BLANC, LATE HARVEST, NORTH FORK OF LONG ISLAND	375ML	31.04	349.20	☐
	PAUMANOK VIN ROSE, BLUSH TABLE WINE, NORTH FORK OF LONG ISLAND	750ML	5.35	64.20	☐
	PECONIC BAY VINEYARDS BLUSH, NORTH FORK OF LONG ISLAND	750ML	8.15	91.71	☐
1995	PECONIC BAY VINEYARDS CABERNET SAUVIGNON, NORTH FORK OF LONG ISL	750ML	18.63	209.61	☐
1995	PECONIC BAY VINEYARDS CHARDONNAY, NORTH FORK OF LONG ISLAND	750ML	10.87	122.31	☐
1993	PECONIC BAY VINEYARDS CHARDONNAY, RESERVE, NORTH FORK OF LONG ISL	750ML	12.15	145.80	☐
1995	PECONIC BAY VINEYARDS CHARDONNAY, ROLLING RIDGE, NORTH FORK OF LI	750ML	16.87	189.81	☐
	PECONIC BAY VINEYARDS CLASSIC RED, NORTH FORK OF LONG ISLAND	750ML	9.96	112.05	☐
	PECONIC BAY VINEYARDS CLASSIC WHITE, NORTH FORK OF LONG ISLAND	750ML	8.87	99.81	☐
1995	PECONIC BAY VINEYARDS MERLOT, EPIC ACRE, NORTH FORK OF LONG ISL	750ML	21.00	236.25	☐
1995	PECONIC BAY VINEYARDS MERLOT, NORTH FORK OF LONG ISLAND	750ML	18.12	203.85	☐
1996	PECONIC BAY VINEYARDS VIN DE L'ILE-BLANC, NORTH FORK OF LONG ISL	750ML	9.76	109.80	☐
1998	PECONIC BAY WINERY CHARDONNAY, NORTH FORK OF LONG ISLAND	750ML	10.28	115.65	☐
	PECONIC BAY WINERY LOCAL FLAVOR RED, NORTH FORK OF LONG ISLAND	750ML	9.35	105.21	☐
1998	PECONIC BAY WINERY RIESLING, NORTH FORK OF LONG ISLAND	750ML	12.15	136.71	☐
1996	PELLEGRINI VINEYARDS CABERNET FRANC, UNFILTERED, NORTH FORK OF LI	750ML	13.56	152.55	☐
1996	PELLEGRINI VINEYARDS CABERNET SAUVIGNON, NORTH FORK OF LONG ISL	750ML	14.95	168.21	☐
1997	PELLEGRINI VINEYARDS CHARDONNAY, EAST END SELECT, NORTH FORK	750ML	7.99	89.91	☐
1996	PELLEGRINI VINEYARDS CHARDONNAY, NORTH FORK OF LONG ISLA SOLD-OUT	750ML	11.19	125.91	☐
1997	PELLEGRINI VINEYARDS CHARDONNAY, NORTH FORK OF LONG ISLAND	750ML	11.19	125.91	☐
1995	PELLEGRINI VINEYARDS CHARDONNAY, VINTNER'S PRIDE, NORTH FORK	750ML	19.11	229.32	☐
1997	PELLEGRINI VINEYARDS EAST END SELECT, RED TABLE WINE, NORTH FORK	750ML	9.35	105.21	☐
1995	PELLEGRINI VINEYARDS ENOCRE, VINTNER'S PRIDE, NORTH FORK OF LI	750ML	22.39	251.91	☐

1996	PELLEGRINI VINEYARDS FINALE, VINTNER'S PRIDE	375ML	24.20	272.25	☐
1996	PELLEGRINI VINEYARDS MERLOT, UNFILTERED, NORTH FORK OF LONG ISL	750ML	14.95	168.21	☐
	PINDAR AUTUMN GOLD	750ML	7.48	84.15	☐
1994	PINDAR CABERNET FRANC, NORTH FORK OF LONG ISLAND	750ML	11.67	131.31	☐
1996	PINDAR CABERNET PORT, NORTH FORK OF LONG ISLAND	375ML	13.59	152.91	☐
1996	PINDAR CABERNET PORT, NORTH FORK OF LONG ISLAND	750ML	22.84	256.95	☐
1995	PINDAR CABERNET SAUVIGNON, RESERVE, NORTH FORK OF LONG ISLAND	750ML	17.68	198.90	☐
1997	PINDAR CHARDONNAY, NORTH FORK OF LONG ISLAND	750ML	8.77	105.21	☐
1996	PINDAR CHARDONNAY, RESERVE, NORTH FORK OF LONG ISLAND	750ML	13.44	161.28	☐
1997	PINDAR CHARDONNAY, SUNFLOWER, SPECIAL RESERVE, NORTH FORK OF LI	750ML	17.24	193.95	☐
1994	PINDAR CUVEE RARE, CHAMPAGNE, NORTH FORK OF LONG ISLAND	750ML	27.99	314.91	☐
1997	PINDAR GAMAY BEAUJOLAIS, NORTH FORK OF LONG ISLAND	750ML	9.76	109.80	☐
1998	PINDAR JOHANNISBERG RIESLING, NORTH FORK OF LONG ISLAND	750ML	8.40	94.50	☐
	PINDAR LONG ISLAND SUMMER BLUSH	750ML	7.48	84.15	☐
	PINDAR LONG ISLAND WINTER WHITE, NORTH FORK OF LONG ISLAND	750ML	6.84	76.95	☐
	PINDAR LONG ISLAND WINTER WHITE, NORTH FORK OF LONG ISLAND	1.5L	11.80	66.38	☐
1995	PINDAR MERLOT, NORTH FORK OF LONG ISLAND	750ML	17.27	194.31	☐
1996	PINDAR MERLOT, NORTH FORK OF LONG ISLAND	750ML	16.79	188.91	☐
1995	PINDAR MYTHOLOGY, MERITAGE, NORTH FORK OF LONG ISLAND	750ML	35.00	393.75	☐
	PINDAR PYTHAGORAS, RED TABLE WINE, NORTH FORK OF LONG ISLAND	750ML	10.28	115.65	☐
	PINDAR SPRING SPLENDOR	750ML	6.84	76.95	☐
	PINDAR SWEET SCARLET	750ML	8.87	99.81	☐
1996	PINDAR VIOGNIER, NORTH FORK OF LONG ISLAND	750ML	21.96	247.05	☐
	POTATO BARN RED CABERNET FRANC, NORTH FORK OF L ISL (SCHNEIDER)	750ML	13.03	146.61	☐
	PUGLIESE VINEYARDS BLUSH, NORTH FORK OF LONG ISLAND	750ML	7.48	84.15	☐
1996	PUGLIESE VINEYARDS CABERNET SAUVIGNON, RESERVE, NORTH FORK OF LI	750ML	12.23	137.61	☐
1995	PUGLIESE VINEYARDS CHAMPAGNE, BLANC DE BLANC BRUT, HAND-PAINTED	750ML	21.96	247.05	☐
1993	PUGLIESE VINEYARDS CHAMPAGNE, BLANC DE BLANC BRUT, NORTH SOLD-OUT	750ML	16.57	198.84	☐

1995	PUGLIESE VINEYARDS CHAMPAGNE, BLANC DE NOIR NATURE, NORTH FORK	750ML	14.63	164.61	☐
1996	PUGLIESE VINEYARDS CHAMPAGNE, SPARKLING MERLOT, NORTH FORK OF LI	750ML	15.96	179.55	☐
	PUGLIESE VINEYARDS CHARDONNAY GOLD, NORTH FORK OF LONG ISLAND	750ML	9.75	109.71	☐
1996	PUGLIESE VINEYARDS CHARDONNAY RESERVE, NORTH FORK OF LONG ISLAND	750ML	10.64	119.70	☐
1997	PUGLIESE VINEYARDS CHARDONNAY RESERVE, NORTH FORK OF LONG ISLAND	750ML	10.64	119.70	☐
1998	PUGLIESE VINEYARDS LATE HARVEST NIAGARA, NORTH FORK OF LONG ISL	375ML	9.32	104.85	☐
1998	PUGLIESE VINEYARDS LATE HARVEST RIESLING, NORTH FORK OF LONG ISL	375ML	9.32	104.85	☐
1996	PUGLIESE VINEYARDS MERLOT, NORTH FORK OF LONG ISLAND	750ML	11.99	134.91	☐
1994	PUGLIESE VINEYARDS MERLOT, RESERVE, NORTH FORK OF LONG I SOLD-OUT	750ML	12.47	140.31	☐
1995	PUGLIESE VINEYARDS PORT BELLO, ESTATE, NORTH FORK OF LONG ISLAND	375ML	14.95	168.21	☐
	PUGLIESE VINEYARDS RAFFAELLO WHITE PORT, NORTH FORK OF LONG ISL	375ML	14.95	168.21	☐
	PUGLIESE VINEYARDS RED TABLE WINE, BELLA DOMENICA, NORTH SOLD-OUT	750ML	6.79	76.41	☐
1997	PUGLIESE VINEYARDS RIESLING SOLD-OUT	750ML	9.76	109.80	☐
	PUGLIESE VINEYARDS WHITE TABLE WINE, NORTH FORK OF LONG SOLD-OUT	750ML	7.48	84.15	☐
1995	SAGPOND VINEYARDS CHARDONNAY, DOMAINE WOLFFER, RESERVE, SOLD-OUT	750ML	15.40	173.25	☐
1995	SAGPOND VINEYARDS CHARDONNAY, LA FERME MARTIN, HAMPTONS, LONG ISL	750ML	12.04	135.45	☐
1995	SAGPOND VINEYARDS PINOT NOIR, THE HAMPTONS, LONG ISLAND	750ML	28.48	341.76	☐
1997	SCHNEIDER CABERNET FRANC, NORTH FORK OF LONG ISLAND	750ML	21.48	241.65	☐
1997	SCHNEIDER CHARDONNAY, NORTH FORK OF LONG ISLAND	750ML	17.75	199.71	☐
1997	SCHNEIDER MERLOT, NORTH FORK OF LONG ISLAND	750ML	21.48	241.65	☐
1995	TERNHAVEN CELLARS CABERNET SAUVIGNON, NORTH FORK OF LONG ISLAND	750ML	18.68	210.15	☐
1996	TERNHAVEN CELLARS CABERNET SAUVIGNON, NORTH FORK OF LONG ISLAND	750ML	16.79	188.91	☐
1996	TERNHAVEN CELLARS CLARET D'ALVAH, NORTH FORK OF LONG ISLAND	750ML	17.75	199.71	☐
	TERNHAVEN CELLARS HARBOR ROSE, ROSE TABLE WINE	750ML	13.08	147.15	☐
1996	TERNHAVEN CELLARS MERLOT, NORTH FORK OF LONG ISLAND	750ML	19.60	220.50	☐
1994	WOLFFER CHARDONNAY, ESTATE SELECTION, THE HAMPTONS, LONG ISLAND	750ML	23.24	261.45	☐

1995	WOLFFER CHARDONNAY, ESTATE SELECTION, THE HAMPTONS, LONG ISLAND	750ML	23.24	261.45	☐
1996	WOLFFER CHARDONNAY, THE HAMPTONS, LONG ISLAND SOLD-OUT	750ML	10.52	118.35	☐
1995	WOLFFER MERLOT, ESTATE SELECTION, THE HAMPTONS, LONG ISLAND	750ML	27.99	314.91	☐
1995	WOLFFER MERLOT, THE HAMPTONS, LONG ISLAND	375ML	9.80	110.25	☐
1996	WOLFFER MERLOT, THE HAMPTONS, LONG ISLAND	750ML	17.99	202.41	☐
1997	WOLFFER ROSE TABLE WINE, THE HAMPTONS, LONG ISLAND	750ML	9.11	102.51	☐
1994	WOLFFER SPARKLING WINE, THE HAMPTONS, LONG ISLAND	750ML	23.24	261.45	☐

Last update 11/16/99 08:52:28 AM

Click the "Add items" box to order (You will be able to adjust quantities later)

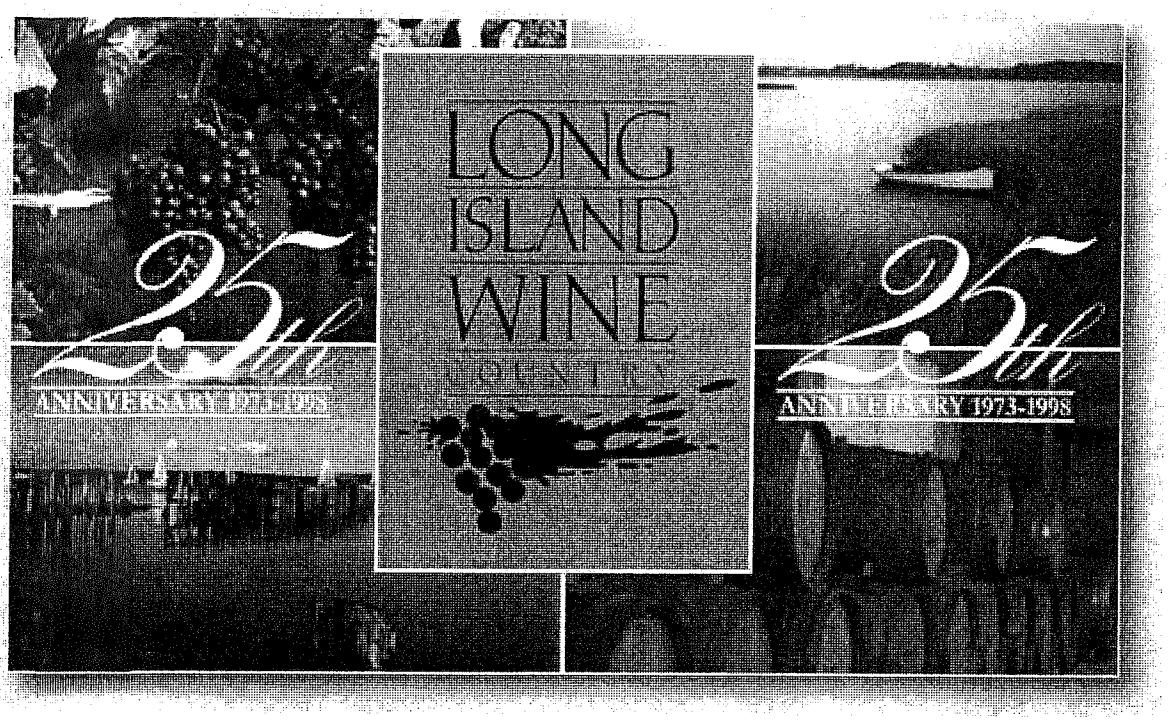
Add Items to Shopping Cart

Check Items in Shopping Cart or adjust quantities.
I Would Like to Order
Key word Search Pop's inventory for your favorite wine

inventory order featured wines find us e-mail

Tel: (516) 431-0025 Fax: (516) 432-2648
Price & Availability subject to change without notice.

The website of the Long Island Wine Council, an organization dedicated to promoting the wines and vineyards of the East End, North Fork, and the Hamptons, New York.



Click Here to Enter the Site

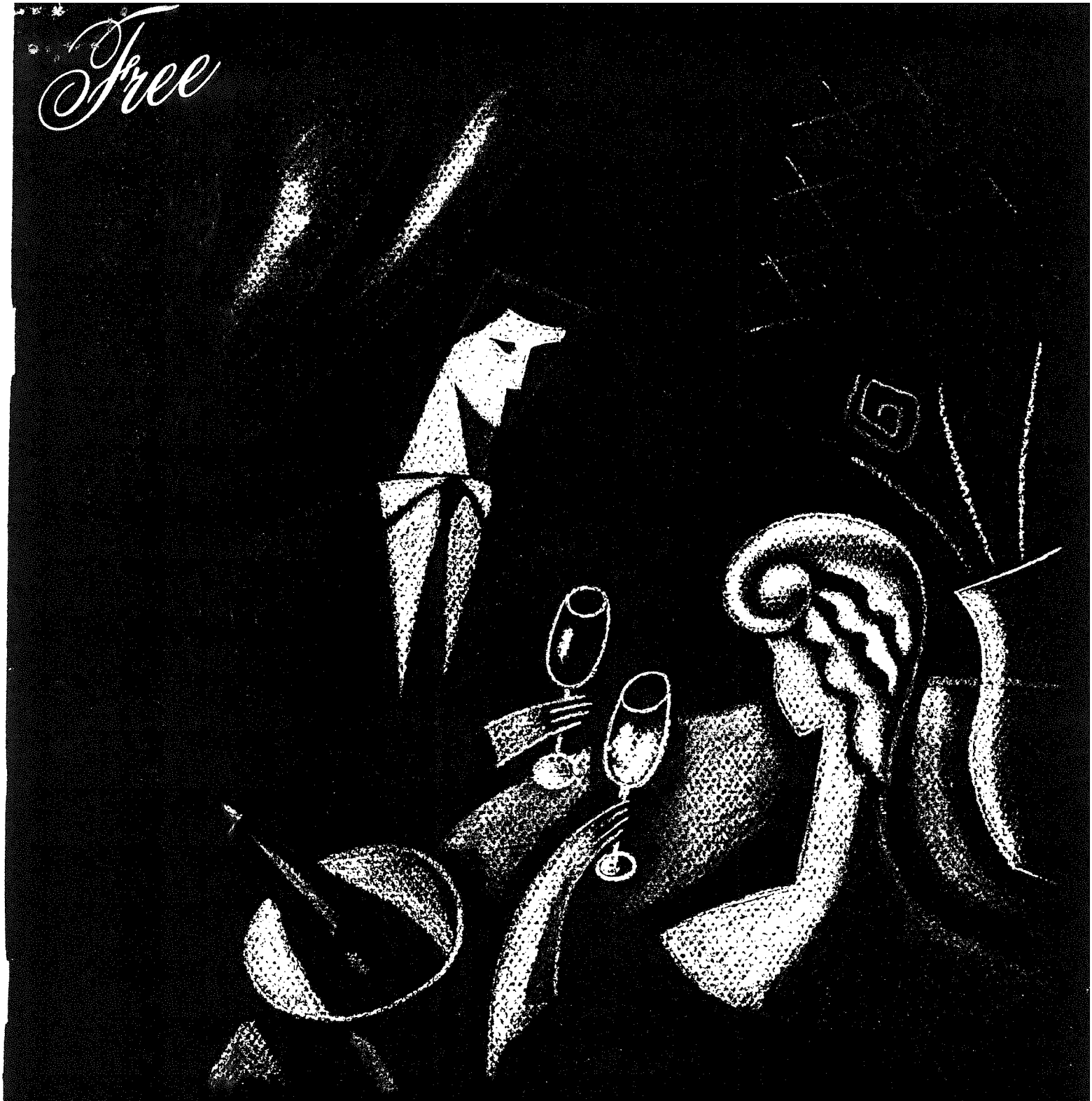
UNCORK NewYork! NEW YORK WINE & GRAPE FOUNDATION

A member site of North Fork magazine

Graphics by Croteau Design Inc.
Web Development by Venturi Multimedia

wine, wineries, Long Island, vineyards, East End, North Fork, Hamptons, winemakers, tours, recreation, leisure, attractions, wine, wineries, Long Island, vineyards, East End, North Fork, Hamptons, winemakers, tours, recreation, leisure, attractions

Free



the WINE PRESS

YOUR GUIDE TO LONG ISLAND WINE COUNTRY • FALL 1999

Long Island-Related WWW Sites

Welcome to Long Island's Page of Pages, the most extensive directory of Long Island-related WWW sites!
You are visitor number 703298 to these pages.

(Counter reset on January 15, 1996)

Do you know of a Long Island-related page that's not listed here? If so, please click here to submit its URL.

After you're finished, please take a minute to complete the user survey.

General Long Island Information:

- Discover Long Island
- East End Community Online
- Fireisland.com
- TheHamptons.com
- Hamptons Online
- The Hamptons Web
- L.I. Guide
- Long Island - Our History (Newsday's History Series)
- Long Island A to Z (Newsday)
- Long Island Accomodation Search Engine
- Long Island Convention & Visitor's Bureau
- Long Island East
- The Long Island Experience - L.I. Info.
- Long Island Expressway - A L.I. guide.
- Long Island Globalink
- Long Island History
- Long Island History Resource
- Long Island Kids - A website for children
- Long Island Leisure
- Long Island Library Directory
- Long Island On Net
- Long Island Online
- The Long Island Scene - A directory of L.I.-related websites
- Long Island Trivia: "The Race to Montauk"
- The Long Island Web
- Long Island Zip Codes
- Longisland.com
- Longisland.org - Searchable database
- Longislandnet.com - Events, business links, etc.

- Long Island's Homepage on the Net
- News 12 Long Island
- North Fork Magazine
- North Fork TechNet
- NYnet Local Page
- On the Island
- Peconic Online
- Southampton Online
- Command Post - L.I. Public Safety Information Center
- 27east.com
- Gay Long Island Web Page
- 516Web Long Island Locator - L.I. information center and search engine.

Long Island Towns, Communities & Attractions

Long Island Events

Long Island Government

Long Island Schools, Colleges & Educational Institutions

Long Island-Based Organizations

Long Island Genealogy Sites

Long Island Historical Societies, Museums, Historical Sites & Nature Preserves

Long Island Transportation

Long Island Arts & Humanities

Long Island Media & Publications

Long Island Dining & Entertainment

Long Island Sports, Hobbies & Recreation

Current Long Island Weather Information (Large Graphics)

Miscellaneous Long Island-Related Web Sites:

- L.I. Food For Thought - Recipes, etc. by L.I. students
- Long Island Astronaut Biographies:
  - Robert Gibson
  - Kevin R. Kregel
  - James Wetherbee
- The Great Hurricane of 1938
- Long Island Lighting Company (LILCO)
- Suffolk County Water Authority
- Long Island Sound Model Run Animation (National Ocean Service)
- Long Island Sound Study
- New York Air National Guard, 106th Rescue Group
- Save Barrett Beach

Long Island Regional Newsgroups:

- li.misc
- li.jobs
- li.events
- li.politics
- li.forsale
- li.wanted

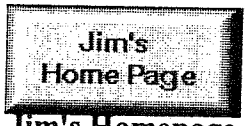
Long Island Internet Mailing Lists:

- Long Island Exchange Mailing List
- Fire Island Mailing List
- Long Island 4X4 Mailing List
- Long Island Rooters (Genealogy Mailing List)

General New York City Information:

- Brooklyn Union Gas's Community Pages
- Clay Irving's New York City Information Page
- Diner's Grapevine - NYC area/L.I. restaurants
- Explore New York
- New York City Subway Navigator
- NYnet
- New York City Fire Department (unofficial)
- New York, New York
- New York Public Library
- New York Web
- Paperless Guide to New York City
- Queens, A to Z - Newsday's comprehesive page on the borough

Submit a Long Island-related URL



Jim's Homepage

City Net

These pages created and maintained by Jim Fordyce (j4dice@li.net).
Comments, corrections and additions are welcomed.

Continued From Previous Page

LONG ISLAND JEWISH MEDICAL CENTER—
Community-Based Mental Health Programs—
Queens Day Center (Adult Day Treatment) 87-80 Merrick Blvd Jam ... 291-5400
Drug And Alcohol Treatment—
Elmont Alcoholic Treatment Center 40 Elmont Rd Elmont ... 516 437-0440
Family Consultation Center 366 Jericho Trnpk Mineola ... 516 742-4015
Family Treatment Program 212-02 41 Av Bysd ... 423-8700
Manhasset Community Day Center 1355 Northern Blvd Manhasset ... 516 627-5002
Project Outreach 600 Hempstead Trnpk West Hempstead ... 516 481-2890
Family Treatment—
Hillside-Eastern Queens Mental Health Center 221-10 Jamaica Av Qns Vl ... 740-3310
Rockaway Youth Consultation Center 20-06 Seagirt Blvd Fr Rkwy ... 868-1400
SCHNEIDER CHILDREN'S HOSPITAL 269-01 76 Av New Hyde Park
General Information ... 470-3000
Patient Information Only ... 470-7710
Admitting Office ... 470-3190
Consultation Center 1800 Rockaway Blvd Hewlett ... 516 390-8687
Emergency Room ... 470-7640
Nursing ... 470-3180
Pediatric Radiology ... 470-3400
Urgi Center ... 470-3800
Hillside Hospital 75-59 263 St Glen Oaks—
Vocational Rehabilitation—
Nassau Day Training 260 S Broadway Hicksville ... 516 939-2290
Long Island Jewish Hospital 270-05 76 Av New Hyde Park
Other Services—
LIJ Family Practise 58-20 Little Neck Pkwy Dgtn ... 423-7635
LIJ Medical Assoc 33-05 Jerusalem Av Wntagh ... 470-1775
Manhasset Ambulatory Pavilion 1554 Northern Blvd Manhasset—
Adult Outpatient Physical Medicine Rehabilitation ... 516 627-8470
Advance Cardiac Life Support 516 365-1145
Hypertension/Cholesterol Testing Call ... 516 627-9015
Mammography ... 470-3456
Pain & Headache Treatment Center 1554 Northern Blvd Manhasset ... 516 719-7246
Pain And Headache Treatment Center ... 516 365-8054
Radiology—
Appointment Scheduling ... 470-3456
Women's Comprehensive Health Center—
Queens ... Queens TelNo-470-9242
Nassau 1554 Northern Blvd Manhasset ... 516 390-9242

Long Island Jewish Medical Center Certified Home Health Agency 1983 Marcus Av Lake Success ... 484-6500
Long Island Jewish World 115 Middle Neck Rd Great Neck ... 516 829-4000
Long Island Kawasaki-Yamaha 67 N Bway Hicksville ... 516 935-6969
Long Island Laminates Inc 35 Engnr Rd Hauppauge ... 516 234-6969
Long Island Landscape Gardens 132-20 Jamaica Av Rh Hl ... 526-7063
LI LINOLEUM & RUG CO INC 69-43 Grnd Av Mspth ... 639-6633
Long Island Medical Care 197-27 Hillside Av Hollis ... 217-8000
Long Island Medical Care 81-08 Queens Blvd Elm ... 478-6602
Long Island Medical Equiptment Corp 73-06 88 Rgwd ... 416-0747
Long Island Monument Corp 569 Meachm Av Elmont ... 516 775-8984
Long Island Moving & Storage Inc 108 Newtown Rd Plainview ... Flushing TelNo-353-6100
Long Island Neurosurgical Associates PC 410 Lakeville Rd New Hyde Park ... 516 354-3401
Long Island Nutritional Counseling Inc 104-20 Queens Blvd F Hls ... 261-5462
Long Island Orthopaedic Group PC— 125 Franklin Av Valley Stream ... 516 825-7000
3051 Long Beach Rd Oceanside ... 516 825-7000
LONG ISLAND ORTHOPAEDIC & SPORTS PHYSICAL THERAPY PC 42-09 235 Dgtn ... 225-0206
Long Island Parrot Society 149-36 85 Howard Beach ... Suffolk TelNo-516 957-1100
Long Island Parts Co 98-11 211 Qns Vl ... 468-8585
Long Island Pipe Line Corp 29 8 Newtown Creek 1 I C ... 784-5660
Long Island Pipe Supply 58-58 56 Mspth ... 456-7877
Long Island Pipeline Corp See Buckeye Pipe Line Co
Long Island Plastic Surgical Group PC 146-01 45 Av Flus ... 767-3800

LI Properties Inc 1200 Union Tpk New Hyde Park ... NYC TelNo-343-0134
Long Island Radiology Assoc PC 227 Franklin Av Hewlett ... 516 295-5500
Long Island Rail Road— Schedule & Fare Information—
Nassau ... 516 822-5477
New York City & Queens ... 217-5477
TDD Hearing Impaired ... 558-3022
Suffolk ... 516 231-5477
General Offices Sutphin Blvd Jamaica—
Nassau ... 516 733-3900
New York ... 558-7400
Suffolk ... 516 376-1900
Freight Services ... 784-6611
Lost & Found ... 212 643-5228
Mail & Ride—
Nassau
Toll Free-Dial '1' & Then ... 800 649-6969
Parlor Car Reservations ... 558-8070
Public Affairs & Complaints ... 558-3377
Public Affairs/Complaints ... 558-3377
Tours & Group Sales ... 558-7498
Long Island Registered Nurses PC 99 Tulip Av Floral Park ... 516 352-1294
Long Island Salon Svces Inc 178 W Main Patchogue ... 516 475-2320
Long Island Seminary Of Jewish Studies 444 Beach 6 Fr Rkwy ... 868-4612
Long Island Seminary Of Jewish Studies For Women 444 Beach 6 Fr Rkwy ... 471-8444
LONG ISLAND SEWER CLEANING SERVICE 60-11 87 Elm ... 426-6070
Long Island Siding & Roofing 255-07 149 Av Rsdl ... 276-8772
Long Island Stair Builders 116-11 101 Av Rh Hl ... 849-4647
Long Island Surf Basketball Team 107-20 Northern Blvd Crna ... 205-9544
Long Island Swimming Pool Svce 3595 Lawson Blvd Oceanside ... 470-1717
Long Island Tax Corp Of NY 150-49 Hillside Av Jam ... 297-7711
Long Island Testing 116-05 15 Av Clpt ... 445-8300
Long Island Tinsmith Supply Corp 76-11 88 Rgwd ... 846-0400
Long Island University— Brooklyn Campus Brooklyn ... 488-1000
G E D College Entry Program Continuing Education ... 488-1010
Northern Blvd Brookville—
CW Post Campus ... 516 299-2000
Long Island Wholesale Florist 62-06 Flushing Av Mspth ... 326-0644
Long John Silver's 94-15 Northern Blvd Jk Hts ... 672-4249
Long Life Chinese Restaurant 25-25 Broadway L I C ... 278-0080
Long Life Chinese Restaurant 218-82 Hempstead Av Qns Vl ... 464-9062
Long Life Chiropractic 32-67 33 L I C ... 274-6200
Long Life Groceries 34-14 Beach Channel Dr Far Rockaway Toll Free-Dial '1' & Then ... 888 477-9666
Long Olga 95-02 Roosevelt Av Jk Hts ... 899-9696
Long Richard & Assoc 73 Crescent Av New Rochelle ... Bayside TelNo-706-0766
Long River Restaurant 101-06 88 Oz Pk ... 843-3338
Long Road Trading Corp 150-15 183 Sptfd Gdns ... 553-6808
Long Spring Garden Inc 62-05 Roosvlt Av Wdsd ... 507-7710
Long Spring Garden Restaurant #2 43-20 Greenpoint Av Snsd ... 707-9928
Long Tai Group (USA) Inc 14-29 33 Rd L I C ... 545-6778
LONG TERM HOME HEALTH CARE 18-15 Cornaga Av Fr Rkwy ... 471-8653
Long Term Consulting Inc 135-45 Roosevelt Av Flus ... 460-8120
Long Wear Stamper Corp 36-41 36 L I C ... 392-4718
Long Win Corporation 41-02 College Point Blvd Flus ... 359-8583
Longchamp Design Group 37-01 Main Flus ... 353-2929
Longhi J atty 299 Bway Manhattan ... 212 233-7444
Longhi V J atty 299 Bway Manhattan ... 212 233-7444
Longicorn Enterprise USA Inc 36-09 Main Flus ... 359-5678
Longicorn U S A Enterprise Inc 162-19 Depot Rd Flus ... 359-5062
Longilapi Global 41-28 Main Flus ... 460-2373
Long Island Medical Care 80-02 Kew Gardens Rd Kw Gd ... 793-0300
Longlife Construction Inc 15-54 209 Bysd ... 229-5959
Longo Dr Laureen chrpretr 65-17 Myrtle Av Glnd ... 386-3172
Longo Gino Architect AIA 129-20 20 Av Clpt ... 445-5663
Longo Henry 80-27 Cowles Ct Md Vl ... 894-6476
Longo Rocco M atty 86-40 Avon Jam ... 658-2828
Longriver Enterprise Inc 35-18 37 L I C ... 729-1591
Long's Construction Inc 111-32 Farmers Blvd St Al ... 454-9400
Longs Laundromat 251 Jackson Bklyn ... 349-6688
Longshire Corp 133-54 Roosevelt Av Flus ... 353-7167
Longuena Richard ins agent 162-01 Sanford Av Flus ... 445-1910
Longwood Record Shop 1020A Longwood Av Bronx Toll Free-Dial '1' & Then ... 800 244-0453
Lonig International Hair People 216-13 Jamaica Av Queens Village Toll Free-Dial '1' & Then ... 800 870-3029
Lonner Baron S MD 1554 Northern Blvd Manhasset ... 516 390-1290
Lonzell Montgomery interactive service Call ... 540-3705

Looang Foo Pai Ltd 213-17 Jamaica Av Qns Vl ... 776-8580
Look Brite Laundromat 35-17 31 Av L I C ... 274-6446
Look Kng Good Ltd 70-20 Austin F Hls ... 263-1774
Look Who's Talking 221-26 Horace Harding Expwy Bysd ... 279-3468
Look Who's Talking 221-26 Horace Harding Expwy Bysd ... 279-6203
Looking Glass Aquariums 46-23 Kissena Blvd Flus ... 353-2323
Looking Swell Maternity 885 Central Av Fr Rkwy ... 471-9054
Looming Productions 193 Newel Bklyn ... 349-6667
Loomis Armored Inc 580 5 Av Manhattan ... 212 382-1177
Loon Hing Kitchen 156-34 Northern Blvd Flus ... 460-8888
Loon Wok Chinese Restaurant 60-06 Kissena Blvd Flus ... 321-1111
Loona Ravi MD PC 211-35 34 Rd Bysd ... 229-2503
Loong Bien USA Co Ltd 71-27 169 Fr Medo ... 380-8987
Loong Hing Restaurant 113-18 Sutphin Blvd Jam ... 529-3637
Loor W 146-24 23 Av Wtstn ... 463-6792
Loose Ends 38-78 13 L I C ... 729-6671
Loose Hand Bags 37-12 Main Flus ... 888-1452
LOOSELEAF LAW PUBLICATIONS 43-08 162 Flus ... 359-5559
Looza Juices 152-53 10 Av Wtstn ... 747-1476
Lopatkin Robert J DDS 23-09 31 Ast ... 278-0358
Lopatynski Edward atty 217-24 54 Av Bysd ... 225-2258
Lopchinsky Richard MD 5 E 94 Manhattan ... Queens TelNo-445-2722
Lopez A 49-22 Skillman Av Wdsd ... 899-6493
Lopez Chris 120-13 Newport Av Rockaway Park ... Queens TelNo-634-6745
Lopez E MD 94-03 Roosevelt Av Jk Hts ... 335-8585
Lopez George A DDS 94-03 Astoria Blvd E Elm ... 639-6550
Lopez Gloria 108-37 Roosevelt Av Crna ... 639-6119
Lopez Gonzalo MD PC 87-08 Justice Av Elm ... 335-4848

LOPEZ GREGORY optmtrst 40-28 82 Elm ... 639-9225

Lopez Jose A MD 40-30 69 Wdsd ... 335-5100
Lopez Maria 71-21 Roosevelt Av Jk Hts ... 397-9200
Lopez Oscar DDS 30-18 31 Av Ast ... 545-7046
Lopez Rodney 35-01 Union Flus ... 539-2267
Lopez Rodney 147-36 26 Av Flus ... 358-7954
Lopez Wainer & Mazolla acctnt 49-10 43 Av Wdsd ... 457-9372
LoPiano Lisa 44 Green Huntington ... Queens TelNo-846-2998
LoPresti Charles A MD 30-11 36 L I C ... 278-3580
Lopresti Joseph T MD PC 69-11 Forest Av Rgwd ... 497-8419
Lopresto John G atty 123-60 83 Av Kew Gardens ... Queens TelNo-932-5227
LOPRESTO THOMAS J 22-07 Steinway Ast ... 932-2800
Lora Maximo 34-11 36 Av L I C ... 433-4011
Lorabie Bake Shop 108-25 Qns Blvd F Hls ... 520-8650
Lorabie Bakery 44-18 Kisena Blvd Flus ... 463-9457
Lorabie Bakery 44-18 Kissena Blvd Flus ... 359-1560
Lorabie Inc 72-01 Kissena Blvd Flus ... 380-2521
Lorae Management Group 160-02 Hillside Av Jam ... 523-2414
Loral Corp— Exec Offices 600 3 Av Manhattan ... 212 697-1105
Lorber Daniel MD 59-45 161 Fr Medo ... 762-3111
FAX Number ... 353-6315
Lorber Howard DDS 66-62 Grand Av Mspth ... 779-9000
Lorber Mark D 66-62 Grand Av Mspth ... 779-9000
Lorber Sheldon DDS 75-03 Main Flus ... 268-6927
Lord & Ernesto Autobody Repair 1127 Irving Av Rgwd ... 417-3558
Lord Herman 162-01 Sanford Av Flus ... 445-1970
Lord And I Corp 33-35 146 Flus ... 358-5326
Lord West Formalwear 57-07 31 Av Wdsd ... 204-6640
Lordae Formal Wear— Stores—
1815 Westchester Av Bronx ... 597-5100
Lordners Dry Cleaners 650 Rockwy Av Brooklyn Toll Free-Dial '1' & Then ... 800 753-9596
Lord's Enterprise 93-02 101 Av Oz Pk ... 845-5798
Lord's Environmental Svcs 7-28 149 Wtstn ... 767-3399
Lord's Environmental Svcs Inc 7-28 149 Wtstn ... 767-6544
Lord's Fence Co 87-15 Dumont Av Oz Pk ... 835-6600
Lords' And Nids Check Cashing Svces Inc 25-59 Steinway L I C ... 932-9393
Lord's Roofing & Waterproofing Inc 33-15 Greenpoint Av L I C ... 784-0890
Lord's Servant 135-53 Northern Blvd Flus ... 445-6500
Lord's Termite & Pest Control Corp 7-28 149 Whitestone Toll Free-Dial '1' & Then ... 800 834-7378
Lo Re Stephen MD 580 East Meadow Av East Meadow ... 516 542-1155
Loren Beauty Salon 34-06 30 Av Ast ... 932-5624
Lorena Furniture 146-07 Jamaica Av Jam ... 523-8373
Lorenson Leslie MD 107-46 Queens Blvd F Hls ... 261-1323

Lorenz Schneider & Co Inc 2000 Plaza Av New Hyde Park ... NYC TelNo-895-0833
Lorenzo Insurance 37-08 90 Jk Hts ... 779-5733
Lorenzo's Pizza & Brew 215-45 Jam Av Qns Vl ... 479-5726
Loretta Construction 79-01 Broadway Elm ... 565-2035
Loretta Hairstyling 93-51 71 Dr F Hls ... 261-2614
Loria Victor MD 520 Franklin Av Garden City ... 516 877-5074
Or 520 Franklin Av Garden City Toll Free-Dial '1' & Then ... 800 634-2477
Lorilil Jewelers 107-34 71 Av F Hls ... 261-8461
Lorin Marsh Ltd furniture warehse 34-19 101 L I C ... 956-8010
Lorintz Joseph H 42-40 Bell Blvd Bysd ... 279-8080
Lori's Hair Salons 246-14 Francis Lewis Blvd Rsdl ... 528-7600
Lorle Spackling Co 25-38 87 E Elm ... 458-2095
Lorna's Fish Bowl 113-65 Springfield Blvd Qns Vl ... 776-0904
Lorna's Fish Bowl 113-65 Springfield Blvd Queens Village Toll Free-Dial '1' & Then ... 800 671-8957
Loroman Co Inc 92-25 149 Jam ... 291-0800
Lorraine Flooring Inc 44-38 Purvis L I C ... 482-0068
Lorraine Flooring Inc 23-30 50 Av L I C ... 786-1100
Lorvindale 117-28 Van Wyck Expwy S Oz Pk ... 322-4779
Lory Grocery 111-20 101 Av South Rh Hl ... 846-0318
Los Amigos Mexican Restaurant 22-73 31 L I C ... 726-8708
Los Angeles National NY Rep Ofc 39-01 Main Flus ... 321-2905
Los Angeles Times Editorial Bureau 2 Park Av Manhattan ... 212 448-2800
Los Cuatro Amigo 39-19 47 Av Snsd ... 784-1926
Los Doctores Tire & Wheels 737 Riverdale Av Brooklyn ... 342-3213
Los Escudos Bar & Restaurant Corp 85-09 Northern Blvd Jk Hts ... 533-9120
Los Grandes Amigos Pizza 82-08 37 Av Jk Hts ... 899-6999
Los Hermanos Grocery 35-30 64 Wdsd ... 565-8362
Los Hidalgos Food Center 217-21 Jamaica Av Qns Vl ... 465-2796
Los Mariachis Mexican Restrnt 805 Coney Island Av Brooklyn ... 826-3388
Los Mismos Amigos Restaurant Corp 103-21 Roosevelt Av Crna ... 335-8704
Los Paisanos Inc 79-16 Roosevelt Av Jk Hts ... 898-4141
Los Pinos Travel & Communications 45-44 48 Wdsd ... 472-0084
Los Primos Barber Shop 102-03 41 Av Crna ... 424-0046
Los Primos Barber Shop 102-03 41 Av Crna ... 457-6800
Los Primos Grocery 988 Manhattan Av Bklyn ... 349-6071
Los Primos Grocery 111-01 41 Av Corona Toll Free-Dial '1' & Then ... 800 488-4690
Los Primos Inc 30-19 Astoria Blvd Ast ... 956-9519
Los Rancheros Corp 111-05 Roosevelt Av Crna ... 396-1619
Los Rancheros Restaurant 172-37 A Hillside Av Jam ... 739-0815
Los Ranchos Club 126-02 Northern Blvd Crna ... 426-1395
Los Robles 29-08 Hoyt Av Ast ... 956-2920
Los Robles Restaurant Corp 29-08 Hoyt Av Ast ... 204-5835
Los Toldos Restaurants 84-01 Northern Blvd Jk Hts ... 565-7540
Los Tresarmanos Corp 40-01 Queens Blvd Snsd ... 784-8980
Losandes 50-50 98 Crna ... 699-7369
Losardo Joseph 45-16 104 Crna ... 651-1593
Los Arrieros Restaurant 76-12 Roosvlt Av Jk Hts ... 898-3359
Los Brothers Grocery 108-55 157 Jamaica Toll Free-Dial '1' & Then ... 800 385-1777
Loscalzo Anthony atty 14 E 4 Manh Toll Free-Dial '1' & Then ... 800 640-2900
Loscalzo Anthony J atty 14 E 4 Manhattan ... 212 505-9080
Loscalzo & Loscalzo atty 14 E 4 Manhattan Toll Free-Dial '1' & Then ... 800 640-2900
Loscalzo & Loscalzo attys 14 E 4 Manhattan ... 212 505-9080
LoScalzo Peter E atty 123-60 83 Av Kw Gd ... 261-1200
Loschiavo Barbara 12-68 150 Wtstn ... 746-4411
Losco Donna MD Van Wyck Expwy Jam ... 206-6742
Los Hermanos Grocery 98-02 37 Av Crna ... 507-0969
Loshigian Michael H 179-26 Union Trnpk Fr Medo ... 380-7900
Losito Plumbing & Heating Co 153-18 Northern Blvd Flus ... 961-8787
Los Parandero Record Shop 93-03 37 Av Jackson Heights Toll Free-Dial '1' & Then ... 800 870-6149
Los Parandero Record Shop 1 93-03 37 Av Jk Hts ... 457-3482
Losquadro Ice Co Inc 1129 Irving Av Rgwd ... 456-4519
Loss Prevention Network Of New York Inc 85-02 67 Dr Rg Pk ... 896-3511
Lossef William DDS 894 Manhtn Av Bklyn ... 389-4066
Los-Titanes Sports Club Inc 96-03 Northern Blvd Crna ... 639-8220
Los-Vaqueros Mexico Bar Restaurant 32-07 34 Av L I C ... 267-1367
LOT POLISH AIRLINES— Reservations & Ticketing Toll Free-Dial '1' & Then ... 800 223-0593
Administrative Offices 500 5 Av Manhattan ... 212 852-0240

LOT Polish Airlines 61-18 190 Fr Medo ... 264-[illegible]
LOT Polish Airlines cargo sales J F K Airport Jam ... 656-[illegible]
Lot Stores 74-25 Grand Av Elm ... 899-[illegible]
Lo-Temp Inc 106-11 Pinegrove Jam ... 739-[illegible]
Lotmor Tire Svc Inc 105-09 Merrick Blvd Jam ... 526-[illegible]
Lots O Bagels 30-05 Broadway L I C ... 267-[illegible]
Lotte M K Limo & Car Svce 142-01 37 Av Flus ... 321-[illegible]
Lotte Video 46-28 Kissena Blvd Flus ... 445-[illegible]
Lottery interactive service ... 540-[illegible]
Lottery recorded announcement ... 976-[illegible]
Lottery Accuracy Results recorded announcement ... 976-[illegible]
Lottery All Info-Results recorded announcement ... 976-[illegible]
Lottery Lotto All Winning Numbers recorded announcement ... 976-[illegible]
Lottery New York Lottery All Info - Results recorded announcement ... 976-[illegible]
Lottery Results interactive svc ... 540-[illegible]
Lottery Results interactive svc-adult ... 970-[illegible]
Lottery Winning Number recorded announcement ... 976-[illegible]
Lottery Winning Numbers interactive service ... 540-[illegible]
Lottery Winning Numbers interactive svc 226 E 54 Manhattan ... 540-[illegible]
Lottery Result recorded announcement ... 976-[illegible]
Lottery And Weather Results - Info recorded announcement ... 976-[illegible]
Lotto-Accuracy Results recorded announcement ... 976-[illegible]
Lotto Stats Hotline recorded announcement ... 540-[illegible]
Lotus 38-17 Bell Blvd Bysd ... 631-[illegible]
Lotus Air Conditioning & Refrigeration 112-07 95 Av Rh Hl ... 441-[illegible]
Lotus Bazra Guru Buddhist Assoc 220-34 149 Wtstn ... 888-[illegible]
Lotus Chinese Restrnt 104-28 Corona Av Elm ... 699-[illegible]
Lotus International Airways 130-29 135 Av S Oz Pk ... 659-[illegible]
Lotus Plumbing & Heating LLC 144-59 157 Jam ... 341-[illegible]
Lou Anthony Hair Salon 20-06 Utopia Pkwy Wtstn ... 352-[illegible]
Lou Anthony Hair Salon 20-06 Utopia Pkwy Whitestone Toll Free-Dial '1' & Then ... 800 266-[illegible]
Lou Baffa Enterprises 1125 Lorimer Bklyn ... 349-[illegible]
Lou-Cal Svce Sta Inc 34-67 Francis Lewis Blvd Bysd ... 445-[illegible]
Lou Halperin's Stations Inc 1144 Atlantic Av Baldwin ... Queens TelNo-426-[illegible]
Lou & Nanette Real Estate Corp 217-15 114 Rd Cmbr Hts ... 464-[illegible]
LouBek Inc 65-37 Grand Av Mspth ... 894-[illegible]
Loucas Emmanuel R MD 58-47 188 Fr Medo ... 357-[illegible]
Loughney Mayra Holl atty 42-40 Bell Blvd Bysd ... 225-[illegible]
Louie Foo Guey MD 90-71 54 Av Elm ... 271-[illegible]
Louie Max's Champion Advtng 218-20 Union Trnpk Bysd ... 740-[illegible]
Louie's Flat Fix 20-14 Cornaga Av Fr Rkwy ... 327-[illegible]
Louie's Luncheonette & Sweet Shop 40-54 192 Flus ... 353-[illegible]
LOUIS SEE ALSO LEWIS
Louis Armstrong's House & Archives At Queens College 34-56 107 Crna ... 478-[illegible]
Louis Auto 68 Green Bklyn ... 349-[illegible]
Louis Color Separation Inc 43-31 33[illegible] L I C ... 361-[illegible]
Louis Dressner Selections 20-28 41 Av L I C ... 433-[illegible]
Louis Engel & Co 124 Atlantic Av Lynbrook ... Valley Stream TelNo-895-[illegible]
Louis Kuhn & Son Home Interiors 98-14 Metropolitan Av F Hls ... 544-[illegible]
Louis Kokalis Insurance 40-10 Crescent L I C ... 706-[illegible]
Louis Levy Clothing Corp 8 Elizabeth Manhattan ... 212 962-[illegible]
Louis Parvis 26-10 34 Av Crna ... 397-[illegible]
Louis & Sons 86-54 Main Flus ... 661-[illegible]
Louis Training Centre 41-61 Kissena Blvd Flushing Plaza Flus ... 461-[illegible]
Louis Vecchione Agency Inc 66-33 Grand Av Mspth ... 899-[illegible]
Louis Xv Recondition furniture 109-06 Liverpool Jam ... 298-[illegible]
Louise Frey Co 42-87 Hunter L I C ... 707-[illegible]
Louise's Beauty Palace 30-98 21 Ast ... 956-[illegible]
Loukides Daphne atty 109-18 Queens Blvd F Hls ... 575-[illegible]
Loumidis Foods Inc 33-01 20 Av L I C ... 267-[illegible]
Lounge Club 33-70 Prince Flus ... 460-[illegible]
Loungecraft Moving & Storage Corp 53-10 46 Mspth ... 392-[illegible]
Loungecraft Moving & Storage Corp 53-10 46 Mspth ... 784-[illegible]
Loungecraft Moving & Storage Corp 53-10 46 Mspth ... 784-[illegible]
Loupakis Antonios 28-42 31 Ast ... 728-[illegible]
Loupakis Karate Acrobatics & Gymnastics 28-42 31 Ast ... 728-[illegible]
Loupakis Karate School 211-16 Northern Blvd Bysd ... 423-[illegible]
Lourdes Unisex Beauty Salon 114-01 101 Av South Rh Hl ... 850-[illegible]
Louroc Enterprises 10-85 Beach 21 Fr Rkwy ... 337-[illegible]
Louros Steven 1261 Broadway Manhattan ... Queens TelNo-423-[illegible]
Lou's Hardware 36-10 31 L I C ... 784-[illegible]
Lousoon Dani 362 W 262 St ... 849-[illegible]
Lov Moving 89-17 Gold Rd Oz Pk ... 323-[illegible]

Long Beach Tanning Salon
10 W Park Av Lng Bch ... 431-0099
Long Beach Terrace
150 Shore Rd Lng Bch ... 889-5299
Long Beach Theatre Guild Inc
Long Beach Transportation
92 W Beach Lng Bch ... 432-2600
Long Beach Travel
Long Beach TV & Electronic Svce
Corp 251 W Park Av Lng Bch ... 432-6380
Long Beach Vacuum Svc
365 E Park Av Lng Bch ... 897-0900
Long Beach Valet Cleaners
883 W Beach Lng Bch ... 432-0427
Long Beach YM-YWHA
310 Nati Blvd Lng Bch ... 431-2929
Long Distance Holding Co Inc
31 Franklin Av Hewlt ... 374-7754
Long Eyeland Industries
Toll Free-Dial '1' & Then ... 800 576-9044
Long Grove Trading Co
584 Belmore Av E Medo ... 538-9833
Long Hall Technologies L L C
500 Eastern Pkwy Frmgdl ... 293-6900
Long Hing Kitchen
297 Broadway Lynbrk ... 593-6938
LONG ISLAND (LI) LISTINGS ARE ARRANGED AS IF SPELLED IN FULL SEE ALSO THE BEGINNING OF THE 'L'S FOR LISTINGS BEGINNING WITH L I
Long Island Academy
20 Miller Pl Syoset ... 364-2121
Long Island Academy Of Fighting Arts 59 Merrick Rd Copiag ... 789-9769
Long Island Advertising Club
34 Richards Rd Pt Wash ... 944-0100
Long Island Advocacy Cntr
199 Herricks Rd Nw Hyd Pk ... 248-2222
Long Island Advocates Inc
1250 Hempstead Tmpk Bthpg ... 735-5466
Long Island Air Comfort
359 Waverly Pl E Medo ... 794-4893
Long Island Air Conditioning
1260 E Jericho Tmpk Mnola ... 741-0704
Long Island Air Limo Riviera Dr Selden ... 736-5432
Long Island Airlines Republic Airport
Farmingdale—
General Offices ... 752-8301
Long Island Airlines Reservations & Information
Laguardia Airport Flushing ... 718 476-5366
Long Island Airport Svce
1301 Hempstead Tmpk Elmnt ... 326-6666
Long Island Alliance For Peaceful Alternatives
30 Old Country Rd Grdn Cty ... 741-4360
Long Island Alzheimers Foundation Inc 3333 New Hyde Park Rd Nw Hyd Pk ... 869-9627
Long Island Animal Hospital
2713 Old Country Rd Wstbry ... 333-0400
Long Island Appliance Parts Inc
1950 Hillside Av Nw Hyd Pk ... 488-3153
Long Island Appliance Parts Inc
1950 Hillside Av Nw Hyd Pk ... 488-7880
Long Island Appliance Parts Inc
1950 Hillside Av
New Hyde Park ... Lynbrook Tel No-593-4686
Long Island Appliance Wholslers
150 Price Pkwy Frmgdl ... 843-4400
Long Island Aquatics Inc
1144 Marine Frmgdl ... 249-3474
Long Island Arboricultural Assoc Inc
PO Box 565 Frmgdl ... 454-6550
Long Island Arts Council At
Freeport 130 E Merrick Rd Freprt ... 223-2522
Long Island Association For AIDS
253 Park Av Hntgtn ... 479-6000
Long Island Assn For AIDS Care ... 385-2437
Long Island Athletic Supply Inc
91 Hempstead Tmpk Frmgdl ... 293-8712
Long Island Auto Appraisers ... 579-3173
Long Island Auto Body Supl Corp
1945 Merik Rd Copiag ... 842-2800
Long Island Auto Brokerage
1252 Marshal Rd
Atlantic Beach ... Merrick Tel No-546-8246
Long Island Auto Brokerage
111 Route 110 Frmgdl ... 694-4775
Long Island Auto Collision
111 W John Hksvl ... 681-2544
Long Island Automotive Group-Inc
124 Greene Av Amtyvl ... 264-2244
Long Island Backflow Testing
110 Merrick Rd Copiag ... 789-4077
Long Island Balloon
197 Jerusalem Av Hksvl ... 931-9117
Long Island Banjo Society
446 S Park Av Lynbrk ... 593-2066
Long Island Bath
1 Alabama Av Isl Pk ... 432-2284
Long Island Batting Silvercrest
191 Broadway Nw Hyd Pk ... 742-8559
Long Island Beauty & Barber Supls
213 W Main Patchogue ... 475-2320
Long Island Beauty School Inc
124 Fulton Av Hmpstd ... 483-6259
Long Island Bed & Brass Inc
1198 Sunrise Hwy Rkvl Cntr ... 764-6222
Long Island Bed & Brass Inc
1198 Sunrise Hwy Rockville Centre
Toll Free-Dial '1' & Then ... 800 933-5422
Long Island Bedding Co Inc
111 E Merrick Rd Freprt ... 867-6891
Long Island Better Business Bureau
1346 Main Frmgdl ... 420-0500
Long Island Beverage Systems Inc
1117 Conklin Frmgdl ... 777-3125
Long Island Bible Baptist Church
1446 Bob Reed Ln Wstbry ... 334-1832
Long Island Big Apple VBC
51 Merlied Rd Rkvl Cntr ... 594-4444
Long Island Biological Association
Uniondale Rd Old Spr Hdsr ... 367-0601
Long Island Blind Factory
[illegible] Broadway
Lynbrook Tel No-593-3000

Long Island Blood Services
525 Broad Hollow Rd Melville ... 927-5000
Long Island Blood Services Division Of New York Blood Center—
525 Broadhollow Rd Melville—
General Information ... 752-7342
Blood Donation Appointments
Toll Free-Dial '1' & Then ... 800 933-2566
Human Resources ... 752-8272
Long Island Bottle Gas Supl & Svce Corp-Nassau Area 200 Corbin Av
Bay Shore ... Farmingdale Tel No-249-0276
Long Island Bottling Co
111 Jericho Tmpk Jrcho ... 334-7823
L I Bravo Foods Inc
35 Bethpage Rd Hksvl ... 935-4416
Long Island Breast Imaging Ultrasonography
227 Franklin Av Hewlt ... 295-5500
Long Island Breast Imaging & Ultrasonography Center
227 Franklin Av Hewlt ... 295-5500
Long Island Brewing Company
111 Jericho Tmpk Jrcho ... 334-2739
Long Island Broadcasting—
Main Office 1055 Franklin Av Grdn Cty ... 294-8400
Sales Office ... 294-4900
Long Island Brokerage
4584 Austin Blvd Isl Pk ... 432-4100
Long Island Broncos Inc
4160 Merrick Rd Maspqa ... 798-9798
Long Island Business Development Council 1731 Yale Ct Wntagh ... 783-6300
Long Island Business News Weekly
2150 Smithtown Av Ronkonkoma ... 737-1700
Long Island Business Prods
1219 Walt Whitman Rd Melville ... 547-6000
Long Island Business Prods
1219 Walt Whitman Rd Melville
Toll Free-Dial '1' & Then ... 800 287-5427
Long Island Cabinet Consortium
115 Hunter Ridge Rd Maspqa ... 797-0975
Long Island Cabinet Corp
1080 Bway Wdmr ... 374-3114
Long Island Cancer Society
Toll Free-Dial '1' & Then ... 877 542-2623
Long Island Car Capitol
337 W Merrick Rd Vly Strm ... 561-2910
Long Island Cardiac Diagnostic Center 800 Community Dr Manhst ... 365-2710
LONG ISLAND CARDIOVASCULAR GROUP PC 123 Grove Av Cdrhrst ... 569-5200
Long Island Care At Home
1975 Hempstead Tmpk E Medo ... 794-0700
Long Island Cares Inc
Crooked Hill Rd Brentwood ... 435-1936
Long Island Carpet Cleaners Inc
301 Norman Av
Brooklyn ... Hempstead Tel No-483-6900
Long Island Catholic Supply Inc
Roosevelt Field Mall Grdn Cty ... 746-5660
Long Island Catholic The publctn—
99 N Village Av Rockville Center—
Classified Advtng Dept ... 594-1212
99 N Village Av Rockville Centre—
General Office ... 594-1000
Long Island Center For Attention Deficit & Behavior Disorders
386 Felter Av Hewlt ... 374-3600
Long Island Center For Back & Neck Pain
3601 Hempstead Tmpk Levitwn ... 579-4949
Long Island Center For Child Development
544 Cedarwood Dr Wdmr ... 374-3261
Long Island Center For Gastro Intestinal Disease
131 W Merrick Rd Mrick ... 223-1515
Long Island Center For Gender Selection 300 Old Country Rd Mnola ... 747-4404
Long Island Center For Independent Living Inc
3601 Hempstd Tmpk Levitwn ... 796-0144
Long Island Center For Jewish Studies 4 Milne Pl Plainvw ... 576-3114
Long Island Center For Social Therapy 99 Tulip Av Flrl Pk ... 352-4200
Long Island Center For Social Therapy 99 Tulip Av
Floral Park ... Hempstead Tel No-565-2600
Long Island Center For T A & Gestalt Therapy
174 Jericho Tmpk Flrl Pk ... 775-4258
Long Island Center Inc The
200 Boundary Av Maspqa ... 756-2588
Long Island Center Serving The Gay & Lesbian Community Inc ... 825-0447
Long Island Central Sta Of Westbury 247 Post Av Wstbry ... 333-9797
Long Island Central Station Of Westbury 247 Post Av Wstbry ... 338-5216
Long Island Central Station Of Westbury 247 Post Av Wstbry ... 338-5217
Long Island Central Station Of Westbury 247-4 Post Av
Westbury ... Hempstead Tel No-538-7832
Long Island Cesspool Co Inc
1 Watkins Terr Amtyvl ... 789-5329
Long Island Charities Foundation Inc
125 Baylis Rd Melvl ... 249-6310
Long Island Checker Cab Of Elmont
1305 Hempstd Tmpk Elmnt ... 352-1600
Long Island Checker Cab Of Merrick
5 Nagel Ct Mrick ... 378-2233
Long Island Checker Cab Of New Hyde Park 1201 2 Av Nw Hyd Pk ... 354-4444
Long Island Checker Cab Of Uniondale
5 Nagel Ct Merrick ... Nassau Tel No-486-1111
Long Island Cheeseburger
3261 Merrick Rd Wntagh ... 679-6526
Long Island Cheeseburgers
3451 Long Beach Rd Ocnsd ... 766-6495
Long Island Childrens Museum
550 Stewart Av Grdn Cty ... 222-0207
Long Island Choppers
[illegible] ... 402-1402

L I Clean Water Svce Inc
86 Union Mnola ... 747-3999
Long Island Clinical Laboratories A Division Of Medilabs Inc—
Garden City 1075 Franklin Av ... 873-0221
Long Island Clinical Research Associates Llp
1000 Northern Blvd Grt Nk ... 466-1051
Long Island Coalition For Adoption
Toll Free-Dial '1' & Then ... 800 832-4500
Long Island Coalition For Fair Broadcasting Inc
365 Rice Cir Grdn Cty ... 222-0146
Long Island Coalition For Life
1959 Deer Park Av Deer Park ... 243-1435
Long Island Cold Storage
25 Charlotte Hksvl ... 942-5487
Long Island Commercial Bank
390 N Broadway Jrcho ... 942-0888
Long Island Commercial Bank
900 Ellison Av Wstbry ... 227-0888
Long Island Commercial Carpet Corp 382 S Oyster Bay Rd Hksvl ... 681-1666
Long Island Committee For Soviet Jewry 726 Merrick Av E Medo ... 489-3482
Long Island Communicating Svces
2150 Smithtown Av Ronkonkoma ... 737-1700
Long Island Communicating Svces
2150 Smithtown Av Ronkonkoma ... 737-1888
Long Island Community Alliance
933 Little East Neck Rd West Babylon ... 661-3466
Long Island Community Foundation The Old Jericho Tmpk Jrcho ... 681-5085
Long Island Computech
378A Willis Av Rslyn Hts ... 625-9688
Long Island Computer Helper
542 Central Av Bthpg ... 935-2997
Long Island Computer Outlet
2886A Merrick Rd Bmr ... 679-5581
Long Island Connect
540 Smith Frmgdl ... 755-9700
Long Island Connection Systems Ltd
2087 Hempstead Tmpk East Meadow
Toll Free-Dial '1' & Then ... 800 560-7262
L I CONSULTATION CENTER
97-29 64 Rd Forest Hills ... 718 896-3400
Long Island Consumer AG Inc
1241 Old Country Rd Riverhead
Toll Free-Dial '1' & Then ... 800 560-3373
Long Island Consumer Gold Card
149 Middle Country Rd Middle Island
Toll Free-Dial '1' & Then ... 800 834-2239
Long Island Contact Lens Services
1983 Marcus Av Lk Succes ... 326-8822
Long Island Contrctrs Assoc Inc
1600 New Hwy Frmgdl ... 420-2983
Long Island Convenience Store
660 Newbridge Rd E Medo ... 785-7322
Long Island Council Of Churches—
Executive Ofc—
Eastern Area
235 Sweezey Av Riverhead ... 727-2210
Western Area
1644 Denton Green Hmpstd ... 565-0290
Long Island Council On Alcohol & Drug Dependence Long Island
207 Hillside Av Wlstn Pk ... 747-2606
Long Island Country Music Assoc Inc 710 Silverlake Pl Bldwn ... 379-0320
Long Island Craftsmen's Guild Inc
28 Prospect Grt Nk ... 466-3480
Long Island Credit Assn
119 Lakeville Rd New Hyde Park
Toll Free-Dial '1' & Then ... 800 640-2711
Long Island Cremation Co Inc
91 Eads W Babylin ... 293-6664
Long Island Crisis Ctr—
Hotline Bellmore Av & Martin Av Blmr ... 679-1111
Office Bellmore Av & Martin Av Blmr ... 826-0244
Long Island Ctr For Cosmetic & Implant Dentistry
400 S Oyster Bay Rd Hksvl ... 933-8600
Long Island Custom Car Care
149 Florida Frmgdl ... 753-2886
Long Island Custom Coach Work Ltd 57 E Carmans Rd Frmgdl ... 694-6071
Long Island Dental Associates
394 Wilks Av Rslyn Hts ... 484-4730
Long Island Dental Consultants
453 Rockwy Av Vly Strm ... 825-3884
Long Island Dermatology Assocs Inc
165 Roslyn Rd
Roslyn Heights
Call ... Hew Hyde Park Tel No-354-3304
Long Island Development Corp
main office 255 Executive Dr Plainvw ... 349-7800
Long Island Diagnostic
100 Lafayette Dr Syoset ... 364-4600
Long Island Diagnostic Imaging
444 Lakeville Rd Lk Succes ... 358-7900
L I Diamond & Jwlry Exch
600 Old Country Rd Grdn Cty ... 228-8911
Long Island Dietetics Assoc
74 Weeks Rd Williston Park
Toll Free-Dial '1' & Then ... 800 454-3438
Long Island Drafting & Technical Institute 128 Bway Amtyvl ... 691-8733
Long Island Drum Center
1460 Old Country Rd Plainvw ... 694-5432
Long Island Ducks Professional Baseball 1670 Old Country Rd Plainvw ... 756-4625
Long Island Duct Systems
120 Schmitt Blvd Frmgdl ... 454-7650
Long Island Dumhill Personnel
Staffing 6175 Sunrise Hwy Maspqa ... 797-1000
Long Island Dumhill Staffing Systems
6175 Sunrise Hwy Maspqa ... 797-1000
Long Island EKG's Inc
167 W Market Lng Bch ... 431-1718
Long Island Electl Dstrbtng Co Inc
202 Merrick Rd Rkvl Cntr ... 766-8080
Long Island Electrolysis Center
5 Harmon Lng Bch ... 431-1107
LI Electronic Supl Corp
981 Sunrise Hwy Bay Shore ... 666-7360
LI Electronics Co 785 Hunt La Manhst ... 627-4740
Long Island Endodontics
[illegible] ... 271-2663

Long Island Endodontics Of Garden City PC dntst
520 Franklin Av Grdn Cty ... 747-5520
Long Island Enforcement Inc
64 W Park Av Lng Bch ... 431-1598
Long Island Engines
95 Bell West Babylon
Toll Free-Dial '1' & Then ... 800 724-6919
Long Island ENT Associates PC
875 Old Country Rd Plainvw ... 931-5552
Long Island Equine Medical Center
Belmont Racetrack Elmnt ... 354-1148
Long Island Exch
4338 Austin Blvd Isl Pk ... 432-7550
Long Island Exchange
4338 Austin Blvd Isl Pk ... 794-1300
Long Island Express Cleaning II Inc
3141 Lawson Blvd Ocnsid ... 594-0884
L I Expressway Capacity Improvement Project
314 W 71 Manhattan
Toll Free-Dial '1' & Then ... 888 543-4681
Long Island Exteriors
2548 Merrick Rd Blmr ... 679-9700
Long Island Exterminating Co
64 Barry Ln E
Old Bethpage ... Huntington Tel No-931-2344
Long Island Exterminating Co
1922 New York Av Huntington Station ... 271-9811
Long Island Eye Surgeons PC
2110 Northern Blvd Manhst ... 627-5113
Long Island Fabrications
60 Bklyn Av Wstbry ... 334-3077
Long Island Faculty
1583 Rosser Av Elmnt ... 326-1629
L I Fashions 42 Atlantic Av Lynbrk ... 599-5591
Long Island Federal Credit Union
346 Westbury Av Crl Pl ... 333-3322
Long Island Fence Co Inc
55A Alder W Babylin ... 752-0023
Long Island Fertility & Endocrinology/IVF Assoc PC
2001 Marcus Av Lk Succes ... 358-6363
Long Island Fertility & Endocrinology/IVF Assoc PC
510 Broadhollow Rd Melvl ... 752-0606
Long Island Fertility & Endocrinology PC
29 Barstow Rd Grt Nk ... 466-9595
Long Island Film Delivery
43 Jericho Tmpk Mnola ... 746-6040
Long Island Fire Preventn
594 Oak Copiag ... 842-6354
LI Fire Sprinkler Corp
27 Woodward Pkwy Frmgdl ... 694-6015
Long Island Flag Football League
229 Cimarron Ct Amtyvl ... 842-6023
Long Island Floor Maintenance
1120 Verbena Av N Mrik ... 483-3862
Long Island Floors Inc
906 Jericho Tmpk Nw Hyd Pk ... 354-3022
Long Island Florist & Gift Svce
Toll Free-Dial '1' & Then ... 800 542-7363
Long Island Flower Exchange
950 Franklin Av
Garden City ... Garden City Tel No-747-2314
Long Island Flower Exchange
79 Jackson Av
Syosset ... Syosset Tel No-364-7400
Long Island Flower Exchange
79 Jackson Av
Syosset ... Massapequa Tel No-797-4881
Long Island Flower Exch
79 Jackson Av Syosset ... 921-5454
Long Island Flower Exch
79 Jackson Av Syosset
Toll Free-Dial '1' & Then ... 800 378-6444
Long Island Flower Exch
79 Jackson Av Syosset
Toll Free-Dial '1' & Then ... 800 901-5454
Long Island Flower Exch
79 Jackson Av Syosset
Toll Free-Dial '1' & Then ... 800 901-9454
Long Island Flower Garden & Florist
470 S Country Rd Patchogue
Toll Free-Dial '1' & Then ... 800 439-3223
Long Island Foot Care
474 Westbury Av Crl Pl ... 997-0856
Long Island Foreclosure Consultants LLC 200 Broadhollow Road Melvl ... 393-5180
Long Island Foreign Auto Parts Inc
283 Warner Av Rslyn Hts ... 625-0940
Long Island Forum For Technology
Melville Rd Frmgdl ... 755-3321
Long Island Fund For Woman And Girls 1055 Stewart Ave Bthpg ... 622-3863
Long Island Fur Factory Ltd
405 Union Av Wstbry ... 334-3877
Long Island Game Farm Zoological Park Chapman Blvd Manorville ... 878-6644
LI Garage Door Co Inc
1389 Hempstd Tmpk Elmnt ... 352-4623
LI Gardener Inc The lndscpg
Chstr Loc Vly ... 671-3940
Long Island Gate Co
285 Chambers Av E Medo ... 481-8888
Long Island Glass & Mirror Inc
65 Sea Cliff Av Glen Cove
Toll Free-Dial '1' & Then ... 800 488-9493
Long Island Glass & Mirror Inc
65 Sea Cliff Av Glen Cove—
Office ... 676-0010
Showroom ... 676-0010
Long Island Golf Association
66 Magnolia Av Grdn Cty ... 294-7610
Long Island Golfer Magazine
22 W Nicholai Hksvl ... 822-5446
Long Island Golfer Magazine
22 W Nicholai Hicksville
Toll Free-Dial '1' & Then ... 800 564-2445
Long Island Greyhound Transfer Inc
89 Pengon Cir E Medo ... 735-6073
Long Island Groups In Focus
1185 Northern Blvd Manhst ... 365-8630
Long Island Gymnastic Academy
565 Willow Av Cdrhrst ... 569-5115
Long Island Gymnastic Equipment
[illegible] ... 587-0513

Long Island Gynecological Services PC 1103 Stewart Av
Garden City ... Hempstead Tel No-481
Long Island Gynecological Services PC 1103 Stewart Av
Garden City ... Levittown Tel No-735
Long Island Gynecological Svcs PC
1103 Stewart Av Grdn Cty ... 222
Long Island Head Injury Association Inc—
Administrative Offices
65 Austin Blvd Commack ... 543
Clubhouse 65 Austin Blvd Commack ... 543
Long Island Health Managmnt
1065 Old Country Rd Wstbry ... 334
Long Island Health & Medical Network 999 Central Av Woodmere
Toll Free-Dial '1' & Then ... 800 569
Long Island Health & Medical Network DC 999 Central Av Woodmere
Toll Free-Dial '1' & Then ... 800 226
Long Island Health Partners
399 County Line Rd Amtyvl ... 264
Long Island Health Partners
399 County Line Rd Amityville ... 264
Long Island Health Svces
200 Boundary Av Maspqa ... 694
Long Island Hearing Screening Program Inc 11 Putnam Av Jrcho ... 433
Long Island Hearing & Speech Soc Inc 430 Lakevil Rd Nw Hyd Pk ... 437
Long Island Heart Diagnostics
1171 Old Country Rd Plainvw ... 933
Long Island Heating & Air Conditioning
341A N Virginia Av Maspqa ... 293
Long Island Heating & Air Conditioning Co
341A N Virginia Av Maspqa ... 293
Long Island Heritage 132 E 2 Mnola ... 747
Long Island High Technology Incubator 25 E Loop Rd Stony Brook ... 444
Long Island Home Center
286 Route 109 Frmgdl ... 753
Long Island Home Improvements Inc
3971 Darby Ln Selrd ... 826
Long Island Home Inspection Consultants Corp
90 Plant Av Hauppauge
Toll Free-Dial '1' & Then ... 800 553
Long Island Home Study
2504 2 Av E Medo ... 579
Long Island Home The ... See South Oaks
Long Island House Of Candles
484 Nassau Rd Rsvlt ... 867
Long Island House Of Candles
484 Nassau Rd Roosevelt
Toll Free-Dial '1' & Then ... 800 272
Long Island Housing Svces Nassau Extension Center
50 Clinton Hmpstd ... 292
Long Island Humane & Dog Protective Assn Inc
2 Rider Pl Freprt ... 378
Long Island Ice 8 N Tyson Av Flrl Pk ... 354
LI Ileostomy Assn
7 Stuart Ct Hntgtn Sta ... 692
Long Island Import Export Association 2652 Dorothy Blmr ... 783
LI Groups In Focus Ltd
1185 Northern Blvd Manhst ... 365
Long Island Infant Developmental Program Inc 2174 Hewlett Av Mrick ... 546
Long Island Institute Of Psychoanalysis
nassau county medical center
2201 Hempstead Tmpk E Medo ... 572
Long Island Instrument Corp
258 East Meadow Av E Medo ... 794
Long Island Internal Medicine Assoc
2 Lincoln Av Rkvl Cntr ... 536
Long Island Internet Headquarters
506 Walt Whitman Rd Melvl ... 393
Long Island Jewelry Center Inc
2064 Green Acres Mall Vly Strm ... 825

LONG ISLAND JEWISH MEDICAL CENTER—

HOSPITALS—
Long Island Jewish Hospital (Adult Care)
See Listings Below
Hillside Hospital (Psychiatric Care)
See Listings Below
Other Services—
Clinical Research
444 Lakeville Rd Lake Success ... 470
Grants And Contracts
444 Lakeville Rd Lake Success ... 470
Schneider Children's Hospital (Pediatric Care)
See Listings Below
LONG ISLAND JEWISH HOSPITAL
270-05 76 Av NEW HYDE PARK—
General Information ... 470—
Travel Instructions
Patient Information Only ... 470—
Admitting Office ... 470
Arthritis Office ... 470
Blood Bank ... 470
Community Education ... 470
Comprehensive Breast Center
Toll Free-Dial '1' & Then ... 800 37
Dermatology ... 470
Emergency Room ... 470
Employment ... 470
Endocrinology ... 470
Gastroenterology ... 470
General Medicine ... 470
Hearing & Speech Center—
General Information ... 470
Dedicated For Access By TDD ... 470
Heart Institute The—
Adult Cardiology ... 470

Continued From Previous Page

LONG ISLAND JEWISH MEDICAL CENTER—
LONG ISLAND JEWISH HOSPITAL
270-05 76 AV NEW HYDE PARK—
Heart Institute The—
Pediatric Cardiology (Schneider Children's Hospital) 470-7350
Hematology 470-8930
Infectious Disease 470-7290
Lyme Disease—
Adult 470-6939
Pediatric 470-4242
Mammography
1554 Northern Blvd Manhasset 470-3456
Nephrology 470-7360
Nursing 470-7800
OB/GYN Clinic 470-7041
Oncology 470-8930
Outpatient Clinic Information 470-7030
Public Affairs 470-8690
Pulmonary Medicine 470-7230
Radiology—
General Information 470-7179
Appointment Scheduling 470-3456
Rheumatology 470-7251
Sleep/Wake Disorders 470-7058
Travel Immunization Center 470-4415
Urology 470-7220
Volunteer Office 470-7090
Other Services—
Certified Home Health Agency
1983 Marcus Av Lk Succes 326-6500
LIJ Medicaid Assoc 718 470-1775
Satellite Dialysis Facility
214-65 Jamaica Av
Queens Village 718 464-4646
HILLSIDE HOSPITAL 75-59 263 ST
GLEN OAKS—
General Information **470-8000**
Admitting/Central Intake **470-8100**
Adult Outpatient Department 470-8210
Aftercare Department 470-8070
Human Sexuality Center 470-8208
Psychiatric Urgi Clinic 470-8300
Substance Abuse 470-8940
Volunteer Office 470-8269
Vocational Rehabilitation—
Nassau Day Training
260 S Broadway Hksvl 939-2290
Vocational Rehabilitation Services
212-02 41 Av Bayside 718 631-0070
COMMUNITY-BASED MENTAL HEALTH PROGRAMS—
Queens Day Center (Adult Day Treatment) 87-80 Merrick Blvd
Jamaica **718 291-5400**
Drug And Alcohol Treatment—
Elmont Alcoholic Treatment Center 40 Elmont Rd Elmt 437-0440
Family Consultation Center
366 Jericho Trnpk Mnola 742-4015
Family Treatment Program
212-02 41 Av Bayside 718 423-8700
Manhasset Community Day Center
1355 Northern Blvd Manhst 627-5002
Project Outreach
600 Hempstead Trnpk W Hmpstd 481-2890
Family Treatment—
Hillside-Eastern Queens Mental Health Center
96-09 Springfield Blvd
Queens Village 718 740-3310
Rockaway Youth Consultation Center 20-02 Seagirt Blvd
Far Rockaway 718 868-1400
SCHNEIDER CHILDREN'S HOSPITAL
269-01 76 AV NEW HYDE PARK—
General Information **470-3000**
Patient Information Only **470-7710**
Admitting Office 470-3190
Consultation Center
1800 Rockaway Blvd Hewlett 390-8687
Emergency Room 470-7640
Nursing 470-3180
Pediatric Radiology 470-3400
Urgi Center 470-3800
Long Island Jewish Hospital
270-05 76 av new hyde park—
General Medicine 437-9184
Manhasset Ambulatory Pavilion 1554 Northern Blvd Manhasset—
Adult Outpatient Physical Medicine & Rehabilitation 627-8470
Advance Cardiac Life Support 365-1145
Hypertension/Cholesterol Testing 627-9015
Mammography 470-3456
Pain & Headache Treatment Center
1554 Northern Blvd Manhasset 719-7246
Pain And Headache Treatment Center 365-8054
Radiology—
Appointment Scheduling 470-3456
Transitions Of LI (Rehabilitation For The Head-Injured) 365-4335
Women's Comprehensive Health Center—
Queens Queens Tel No-718 470-9242
Nassau 390-9242

Long Island Jewish Medical Center-Lyme Disease-Adult
444 Lakeville Rd Lake Success 470-6939
Long Island Jewish Opthalmology Practice Office
600 Northern Blvd Grt Nk 470-2020
Long Island Jewish World
115 Middle Neck Rd Grt Nk 829-4000
Long Island Judaica Inc
353 Hempstead Av W Hmpstd 564-9670
Long Island Junior Soccer League Inc 1425 Old Country Rd Plainvw 756-9696
Long Island K-9 Svce
Call Plainview Tel No-932-8440
Long Island Karate Academy
225 Merrick Rd Ocnsid 536-4892
Long Island Kawasaki-Yamaha
67 N Bway Hksvl 935-6969
Long Island Kerosene Unlimited Corp 70 Eagle Chase Wobry 677-1918
Long Island Kitchen Designs Inc
164 Hempstead Trnpk W Hmpstd 483-3600
Long Island Kitchen Designs Inc
164 Hempstead Trnpk West Hempstead
Toll Free-Dial '1' & Then 800 469-5482
Long Island Kosher Meats Inc
1984 Merrick Rd Mrick 379-4263
Long Island Lady Riders
366 N Broadway Jrcho 822-0606
LI Land Research Bur Inc
657 Jerusalm Av Uniondl 483-6800
Long Island Lawyers Svc
2204 Bellmore Av Blmr 826-3054
Long Island Lead Assessment & Control 133 Horsesnoe Rd Md Nk 922-0700
Long Island Learning Center
270 Washington Av Plainvw 681-0400
Long Island Leasing & Consulting Corp 445 Northern Blvd Grt Nk 487-4771
Long Island Library Resources Council
SUNY At Stony Brook Stony Brook 632-6650
Long Island Lien Corp Great Neck 773-1338
L I Lightning Express Courier
121-26 Dupont Plainvw 576-0066
Long Island Locksmith & Alarm Co
26 W Old Country Rd Hksvl 931-2273
Long Island Locksmith & Supl Co
26 W Old Country Rd Hksvl 931-2273
LI Locksmiths Inc
26 W Old Cntry Rd Hksvl 931-2273
Long Island Lutheran Middle & High School 131 Brookville Rd Gln Hd 626-1700
LI Maintenance Supl Co
175 Baldwin Rd Hmpstd 485-3232
Long Island Marine Education
202 Woodcleft Av Freprt 771-0399
Long Island Marketing Concepts & Technology Inc 43 W John Hksvl 933-7900
Long Island Marriott
101 James Doolittle Blvd Uniondl 794-3800
Long Island Martial Arts Academy
225 Merrick Rd Ocnsid 536-4892
LI Mat Co 23 Linford Rd
Great Neck Franklin Square Tel No-483-7352
Long Island Medical & Gastroenterology Assoc PC
192 E Shore Rd Grt Nk 487-4500
Long Island Medical Service
1575 Hillside Av Nw Hyd Pk 354-7539
Long Island Medical Suply
267 W Merrick Rd Freprt 378-4170
Long Island Medical Supply
23 Plum Beach Point Rd Snds Pt 767-2814
Long Island Message-On-Hold
Syosset Syosset Tel No-921-6131
Long Island Mica & Cabinet Bldg Supls 2060 Jericho Trnpk Nw Hyd Pk 352-7374
Long Island Mica & Cabinet Bldg Supls 669 Old Country Rd Wstbry 997-3698
Long Island Midwifery Svce Inc
500 Broadhollow Rd Melvl 777-2766
Long Island Mineral & Gift Shop
104 Bedford Av Blmr 785-6814
Long Island Monogramming & Lettering 8 Newtown Plz Plainvw 293-3245
Long Island Monument Corp
569 Meacham Av Elmnt 775-8984
L I Motor Svce auto reprs
120 Jericho Trnpk Mnola 742-9577
Long Island Motorcycle School
67 N Broadway Hksvl 935-9292
Long Island Moving & Storage Inc
108 Newtown Rd Plainvw 753-1100
Long Island Multimedia
425 Smith Frmgdl 420-6946
Long Island Music Institute
955 Stewart Av Bthpg 349-8662
Long Island Muslim Soc Inc
477 East Meadow Av E Medo 357-9060
Long Island Mvng & Strg Assoc
265 Sunrise Hwy Rkvl Cntr 536-9635
Long Island N Y Area Postal Union A P W U 300 Eastern Pkwy Frmgdl 694-2798
Long Island Nail Institute
3601 Hempstead Trnpk Levitwn 520-4800
LI Natl Cemtry Pinelawn Frmgdl 454-4949
Long Island National Employee Assistance Providers Inc
333 Jericho Trnpk Jrcho 932-5402
Long Island Neighborhood Network Inc 90 Pennsylvania Av Maspqa 541-4321
Long Island Network Securities Inc
310 Woods Av Ocnsid 766-7760
Long Island Neuropsychological Consultants 45 N Station Plz Grt Nk 487-4466
Long Island Neurosurgical Associates PC
410 Lakeville Rd Nw Hyd Pk 354-3401
Long Island News Service
670 Park Ln Wdmr 295-5010
Long Island Nissan Warehouse-Hempstead Nissan 483-5000
Long Island NMR
1575 Hillside Av Nw Hyd Pk 354-4200
Long Island Nurserymens Assn
PO Box 528 Frmgdl 454-4503
Long Island Nursing
100 W Park Av Long Bch 889-0590
Long Island Nursing Registry Inc
33 Walt Whitman Rd Huntington Station
Toll Free-Dial '1' & Then 800 640-3370
Long Island Nutrition Specialists
505 Northern Blvd Grt Nk 487-4992
Long Island Ob-Gyn PC
1 Hollow Ln Lk Succes 365-9660
Long Island Ophthalmic Surgery Consultants PC
200 Hempstead Av Lynbrk 593-7709
Long Island Optical
3844 Sunrise Hwy Selrd 781-9838
Long Island Opticians
3844 Sunrise Hwy Selrd 781-9838
Long Island Oral & Maxillofacial Surgery PC 134 Muneola Blvd Mnola 294-9696
Long Island Oral & Maxillofacial Surgery PC
14 Vanderventer Av Pt Wash 944-8330
Long Island Orthopaedic & Sports Physical Therapy PC
42-09 235 Douglaston 718 225-0206
Long Island Orthopaedic & Sports Physical Therapy PC 42-09 235
Little Neck Nassau Tel No-829-4677
LONG ISLAND ORTHOPEDIC GROUP PC
125 Franklin Av Vly Strm **825-7000**
Long Island Package Delivery Inc
10 Willoughby Av Hksvl 938-4162
Long Island Paneling Ceilings & Floors 2060 Jericho Trnpk Nw Hyd Pk 352-7374
Long Island Paneling Ceilings & Floors 669 Old Country Rd Wstbry 997-3698
Long Island Paper Co
620 Tinny Bronx 718 542-1100
Long Island Paper & Plastics
3604 N View Av Wntagh 826-1388
L I Paramount Party Prodctns
500 N Broadway Jrcho 932-2263
Long Island Parenting News
2-12 W Park Av Lng Bch 889-5510
Long Island Parrot Society
53 Lindenhurst 957-1100
Long Island Party Rentals
601 Middle Neck Rd Grt Nk 487-0601
Long Island Party Rentals
175 Roger Av Inwd 239-0707
Long Island Passanger Svc
125 Emjay Blvd
Brentwood Lindenhurst Tel No-789-1087
Long Island Pathology
240 Meeting House Ln Southampton
Toll Free-Dial '1' & Then 888 503-8000
Long Island Pediatric Group PC
571 Chestnut Cdrhrst 569-2250
Long Island Pediatric Group PC
380 Hempstead Av W Hmpstd 486-5852
Long Island Pediatric Physical Therapy 24 N Tyson Av Flrl Pk 358-9146
Long Island Performing Arts Theatre 250 Post Av Wstbry 338-4300
Long Island Periodontics & Implantology 233 E Shore Rd Grt Nk 466-1070
Long Island Periodontics & Implantology PC
3366 Park Av Wntagh 826-4949
Long Island Personal Trainers Network 100 Broadhollow Rd Frmgdl 752-8196
Long Island Personalized Instructional Diets
935 Alice Ct Blmr 221-0170
Long Island Pest Control Co
50 Werman Ct Plainvw 420-4738
Long Island Pet Care
925 Southard Ct Bldwn 868-7649
Long Island Pet Expo
240 Long Beach Rd Isl Pk 889-6000
Long Island Pharmaceutical Society
66 N Village Av Rkvl Cntr 764-2800
Long Island Philharmonic
1 Huntington Quad Melville—
Administration 293-2223
Box Office 293-2222
Long Island Photographic Inc
14-20 Glen Gln Cov 676-5090
Long Island Physical Medicine & Rehabilitation Assocs
2920 Hempstd Trnpk Levitwn 579-6700
Long Island Physicians Corp
275 Broadhollow Rd Melvl 454-1900
Long Island Picture Frame
4780 Sunrise Hwy Maspqa Pk 798-8400
Long Island Pipe Fabrication & Supl Corp 586 Commercial Av Gron Cty 222-8008
Long Island Pizza
433 Merrick Rd Lynbrk 887-1188
Long Island Plastic Surgical Group PC 999 Franklin Av Gron Cty 742-3404
L I Podiatric Society
2174 Hewlett Av Mrck 546-8845
Long Island Podo-Pediatric Center
308 Main Frmgdl 420-4031
Long Island Poly Bag Co
3604 N View Av Wntagh 826-1388
Long Island Power Authority
333 Earle Ovington Blvd Uniondl 222-7700
Long Island Power Authority Customer Service
333 Earle Ovington Blvd Uniondale
Toll Free-Dial '1' & Then 877 275-5472
Long Island Power Equipment
634 Bway Maspqa 799-5223
Long Island Power Equipt Corp
21 E Marie Hksvl 681-1999
Long Island Power Equipment Corp
21 E Marie Hicksville
Toll Free-Dial '1' & Then 800 439-2312
Long Island Power Equipt East Inc
135 Milbar Blvd Frmgdl 293-0777
Long Island Presbyterian Church
266 Jackson Av Syoset 496-8017
Long Island Prescription Center
136 Spruce Cdrhrst 569-1800
Long Island Primary Medical Care
120 Bethpage Rd Hksvl 827-4500
Long Island Primary Medical Care
120 Bethpage Rd Hksvl 937-3100
Long Island Printing & Decal
211 Glen Cove Av Se Clf 671-7000
Long Island Process Svcng Co Inc
17 Spector Ln Plainvw 933-8860
Long Island Processor Inc
33 Front E Rkvy 887-1600
Long Island Professional Beauty Supply 855 Nassau Rd Uniondl 292-0001
Long Island Profiles Pubishng Co
PO Box 9000 Brightwaters 968-8833
Long Island Progressive Coalition
90 Pennsylvania Av Maspqa 541-1006
Long Island Progressive Coalition
90 Pennsylvania Av Maspqa 541-4321
Long Island Promotion Group
2686 Hempstead Trnpk Levitwn 520-8083
Long Island Property Mgmt Co
2 Park Av Mannst 627-0906
Long Island Psychiatric Assoc
815 Front Hmpstd 483-6288
Long Island Psychiatric Svces
2209 Merrick Rd Mrick 379-8657
LI Psychological Counseling Svces PC 75 Plandome Rd Manhst 627-0484
Long Island Psychotherapy Institute
230 Hilton Av Hmpstd 538-9427
Long Island Pulmonary Assoc PC
1 Fulton Av Hmpstd 486-2300
Long Island Pulmonary Medical Assoc PC
100 Marietta Hill Rd Plainvw 933-1088
Long Island Pump Svce Corp
560 Westbury Av Crl Pl 334-5501
Long Island Puppet Theatre
10 Heitz Pl Hksvl 932-5469
Long Island Quilters' Society Inc
Cedarhurst 295-1628
Long Island Radiation Therapy
1129 Northern Blvd Manhst 365-6544
Long Island Radiation Therapy Center 1129 Northern Blvd Manhst 365-6544
Long Island Radiology Assoc PC
227 Franklin Av Hewlt 295-5500
Long Island Rail Road—
Schedule & Fare Information—
Nassau 93-59 183 Hols 822-5477
TDD Hearing Impaired 718 558-3022
New York City & Queens 718 217-5477
Suffolk 231-5477
General Offices Sutphin Blvd Jamaica—
Nassau 733-3900
New York 718 558-7400
Suffolk 376-1900
Freight Services 718 784-6611
Lost & Found 212 643-5228
Mail & Ride—
New York City
Toll Free-Dial '1' & Then 800 649-6969
Parlor Car Reservations 718 558-8070
Public Affairs & Complaints 718 558-3377
Public Affairs/Complaints 718 558-3377
Tours & Group Sales 718 558-7498
Long Island Rail Road Broadway Hksvl 931-9215
LI Ranger 2 N Park Av Rkvl Cntr 766-9780
Long Island Realty Corp 482-7151
Long Island Record Pool
3601 Hempstead Trnpk Levitwn 796-6596
Long Island Referral Svce
567 Split Rock Rd Syoset 628-2200
Long Island Refrigeration Svce
65 Driscoll Av Rkvl Cntr 766-0024
Long Island Regional Advisory Council On Higher Education
Suny At Stony Brook Stony Brook 632-6586
Long Island Registered Nurses PC
99 Tulip Av Flrl Pk 352-1294
Long Island Rehabilitation Svcs
814 Fulton Frmgdl 753-0070
Long Island Reporter
215 Oser Av Hauppauge 231-9292
Long Island Reptile Museum
70 Broadway Hksvl 931-1500
L I Respiratory Svces Inc
240 Main E Rkwy 599-5561
L I Respiratory Svces Inc
240 Main East Rockaway
Toll Free-Dial '1' & Then 877 449-9436
L I Respiratory Svces Inc
388 Sunrise Hwy Lynbrk 599-6001
L I Respiratory Svces Inc
388 Sunrise Hwy Lynbrook
Toll Free-Dial '1' & Then 800 339-6066
Long Island Restrnt Equipt
430 Hicksville Rd Bthpg 942-5396
Long Island Revival Center
4100 Jerskm Av Maspqa 798-1998
Long Island Rim 36 E Merrick Rd Freprt 377-9577
Long Island Road Assistance
5 St Marys Pl Freprt 771-9446
Long Island Rock Rehearsal
1 Clocks Blvd Maspqa 691-7625
Long Island Rock Shop
104 Bedford Av Blmr 868-4853
Long Island Roofing & Repairs Svc Corp 2722 Janet Av Blmr 221-9100
Long Island Rough Riders
1670 Old Country Rd Plainvw 756-4625
Long Island Salon Svces Inc
178 W Main Patchogue 475-2320
Long Island Saloon
1058 Broadhollow Rd Frmgdl 454-0699
Long Island Sand Blast
408 E Walnut Maspqa 795-7447
Long Island Sanitation Equipt Co
65 Oak Dr Syoset 921-2270
Long Island Savings Bank FSB The—
Administrative Offices
201 Old Country Rd Melville 547-2000
Customer Service Information
201 Old Country Rd Melville 694-9010
Customer Service Information
201 Old Country Rd Melvl 694-9010
Life Insurance
Toll Free-Dial '1' & Then 800 322-7254
Nassau Branches—
Garden City 1150 Franklin Av 694-9010
Levittown 3105 Hempstead Trnpk 694-9010
Mannasset 1900 Northern Blvd 694-9010
Massapequa Park 1001 Park Blvd 694-9010
Merrick 2090 Merrick Rd 694-9010
Rockville Centre 339 Merrick Rd 694-9010
Seaford 3887 Merrick Rd 694-9010
Valley Stream 120 S Franklin Av 694-9010
Wantagh 1149 Park Av 694-9010
TDD Calls Only
201 Old Country Rd Melville 694-9883
Long Island Scanning Svce Inc
21 Cedar Syoset 496-3
Long Island School Of Colon Hydrotherapy 21 W Nicholai Hksvl 433-1
Long Island School Of Music & Art
1125 Wilis Av Albrtsn 625-
Long Island Scottish Rite Masons
28 Lincoln Av Rkvl Cntr 766-3
Long Island Self-Help
Toll Free-Dial '1' & Then 888 735-3
Long Island Self-Help Clearing House 268 Wheatley Rd Old Westbury 626-17
Long Island Serpanterium
1047 Hicksville Rd Selrd 735-14
Long Island Sewer & Drain Co
1 Watkins Terr Amityvl 789-53
Long Island Sewer And Drain Svce
14 Dock Dr
Freeport Uniondale Tel No-825-190
Long Island Sewer And Drain Service Inc 14 Dock Dr Freprt 379-50
Long Island Signature Home Improvements 320 Post Av Westbry 876-75
Long Island Snow Removal
3607 Bayview Selrd 785-61
Long Island Soccer Referees Assoc
1425 Old Country Rd Plainvw 756-00
LI Sound Realty Co Inc
2 Pk Av Mannst 627-09
Long Island Sound Taskforce At Garvies Point Barry Dr Gln Cov 759-21
Long Island Soundkeeper
2 Bayview Av Oystr Bay 624-67
Long Island Sounds
2021 Jericho Trnpk Nw Hyd Pk 488-14
Long Island Speech-Language-Hearing Assn Huntington Tel No-626-80
Long Island Speech Pathology Svces 71 Alexndr Av Frmgdl 249-54
Long Island Sports Medicine Assocs
333 E Shore Rd Mannst 466-33
Long Island Sports & Rehabilitation Center 2000 N Village Av Rkvl Cntr 764-83
Long Island Sports World Inc
51 Frost Wstbry 333-30
Long Island Staple
410 Atlantic Av E Rkvy 887-10
L I State Pk & Recreation Comm—
Main Office 669-10
Park Police Headquarters-Babylon 669-25
State Pks—
Bayard Cutting Arboretum—
Oakdale
Park Ofc 581-10
Belmont Lake State Park-Babylon—
Park Ofc 667-50
Bethpage State Park-Farmingdale—
Golf & Park Information 249-07
Caleb Smith State Park-Smithtown—
Park Ofc 265-10
Captree State Park-Babylon—
Park Office 669-04
Caumsett State Park-Lloyds Harbor—
Park Office 423-17
Connetquot River State Park-Oakdale—
Park Office 581-10
Hecksher State Park-East Islip—
Park Ofc 581-21
Camping Office 581-21
Hempstead Lake State Park-Hempstead—
Park Office
Peninsula Blvd Hmpstd 766-10
Hither Hills State Park-Montauk—
Park Office 668-24
Camping Office 668-25
Camping Reservations 668-76
Jones Beach State Park-Wantagh—
Food Concessionaire 785-24
Theatre Box Office 221-10
Montauk Downs State Park-Montauk—
Golf Reservations 668-12
Park Office 668-50
Montauk Point State Park-Montauk—
Park Office 668-24
Nissequoque River State Park-Smithtown—
Park Office 265-10
Orient Beach State Park-Orient—
Park Office 323-24
Planting Fields Arboretum Oyster Bay—
Park Office 922-92
Arboretum Center 922-92
Robert Moses State Park-Babylon—
Park Office 669-04
Sunken Meadow State Park-Kings Park—
Park Office 269-43
Valley Stream State Park-Valley Stream—
Park Office 825-41
Walt Whitman Birthplace
246 Walt Whitman Rd
Huntington Station 427-52
Wildwood State Park-Wading River—
Park Office 929-43
Camping Office 929-42
Long Island Stove Co Inc
100 Andrews Rd Hksvl 484-62
Long Island Stove Inc
100 Andrews Rd Hksvl 719-62
Long Island Street Road Assoc
21 Berger Av
East Moriches Levittown Tel No-520-01
Long Island Suede & Fur Cleaners
3801 Hempstd Trnpk Bthpg 731-73

1988 BUSINESSES

Long Island Summer Festival
PO BoxC Locst Vly ... 922-0061
Long Island Sun Room &
Remodeling Corp 41 Smith Hksvl ... 935-7231
Long Island Supls Corp
76-11 88 Ridgewood .. Nassau TelNo-437-0900
Long Island Surf
189 South St Oystr Bay ... 922-4421
Long Island Surgical Specialists PC
639 Pt Washngtn Blvd Pt Wash ... 883-2212
Long Island Surgicenter
1895 Walt Whitman Rd ... 293-9700
Long Island Swim-Pool Svce
3595 Lawson Blvd Ocnsid ... 764-2480
Long Island T-Shirt Co ... 869-8133
Long Island T-Shirt Co
Toll Free-Dial '1' & Then ... 800 479-9209
Long Island Tax Centers
371 Sunrise Hwy Lynbrk ... 596-9200
L I Tax Svce
2356 Hempstd Trnpk E Medo ... 731-7351
L I Tax Svce
707 Hempstead Trnpk Frnkln Sq ... 489-5600
Long Island Taxi & Transportation
Operators
3130 Hempstead Trnpk Levitwn ... 520-0555
Long Island Taxi & Transportation
Operators Inc
35 Brooklyn Rd Hmpstd ... 505-1111
Long Island Technical
3394 S St Ocnsid ... 678-4517
Long Island Technical Assistance
Center Old Jericho Trnpk Jrcho ... 681-5087
Long Island Technical Support
90 Barretts Av Holtsville ... 758-0558
Long Island Teen Tours
1305 Laksde Dr Wntagh ... 781-5396
Long Island Telecom
60 Manetto Hill Mall Plainvw ... 932-1072
Long Island Telephone Co
165 E A B Plaza
Uniondale ... Roslyn TelNo-621-8000
Long Island Testing
116-05 15 Av College Point ... 718 445-8300
Long Island Thermographics Inc
105 Godfrey Av Bayvl ... 628-2178
Long Island Thoracic &
Cardiovascular Surgical
Associates 77 N Centre Av Rkvl Cntr ... 594-9700
Long Island Tile & Marble
217 Merrick Rd Amtyvl ... 264-8453
Long Island Time Clock Co
87-08 Woodhaven Blvd
Woodhaven ... Nassau TelNo-775-6600
Long Island Tinsmith Supply Corp
76-11 88 Ridgewood .. Nassau TelNo-437-0900
Long Island Title Agency
600 Old Country Rd Grdn Cty ... 222-6800
Long Island Title Agency
600 Old Country Rd Grdn Cty ... 227-3308
Long Island Tooling Inc
24 Cain Dr Plainvw ... 293-6534
Long Island Towing Svce
2398 Jackson Av Sefrd ... 221-8528
Long Island Toy Lending Center
Lido Blvd Pt Lkout ... 889-8287
Long Island Trading Enterprises
27 Pal Plainvw ... 349-0890
Long Island Trading Post Inc
2090 Front E Medo ... 933-6213
Long Island Traditions
382 Main Pt Wash ... 767-8803
Long Island Train & Hobby Center
192 Jericho Trnpk Minola ... 742-5621
Long Island Transmissions Co Inc
495 Smith Frmgdl ... 454-9000
Long Island Transportation Services
1301 Hempstead Trnpk Elmnt ... 326-6666
Long Island Travel Agents Assoc
740 Bway Maspqa ... 798-7985
Long Island Travel Svce
258 Glen Gln Cov ... 676-6000
Long Island Tree Service
Call ... Wantagh TelNo-781-7465
Long Island Trust ... See Bank Of New York The
Long Island University ... See C W Post Campus
Long Island University
CW Post Center Northern Blvd Grnvl ... 299-2000
See C W Post Center Of L I U For
Addl Lstngs ... 299-2000
Northern Blvd Brookville
CW Post Campus ... 299-2000
Southampton Center
Montauk Hwy Southampton ... 516 283-4000
University Administration Center
Northern Blvd Grnvl ... 299-2000
Long Island University-CW Post
Campus 720 Northern Blvd Brookville ... 299-2413
Long Island Update Magazine
190 Motor Pkwy Central Islip ... 435-8890
Long Island Urological Assocs PC
4230 Hempstead Trnpk Bthpg ... 579-1681
Long Island Urological Assocs PC
4230 Hempstead Trnpk Bthpg ... 796-2222
Long Island Vault & Box Co Inc
75 Dale W Babyln ... 845-1936
Long Island Vet Ctr
116 W Main Babylon ... 661-3930
Long Island Veterinary House Call
Practice 27 Conklin Frmgdl ... 694-3737
Long Island Veterinary Medical
Assoc 10 Executive Blvd Frmgdl ... 756-1919
Long Island Veterinary Specialists
163 S Service Rd Plainvw ... 501-1700
Long Island Video Enterprises Live
Inc 1 Robert Ln Gln Hd ... 759-5483
Long Island Vitreo Retinal
Consultants P C
600 Northern Blvd Grt Nk ... 466-0390
Long Island Voice
393 Jericho Trnpk Minola ... 877-7373
Long Island Washer Parts Inc
43 Merik Rd Lynbrk ... 593-4686
Long Island Water Corp—
Main Ofc 733 Sunrse Hwy Lynbrk ... 593-1000
Emergency Svce
733 Sunrse Hwy Lynbrk ... 593-1000
Nights Sun & Holidays ... 593-1000

Long Island Waterproofing Co
150 Sunset Rd Maspqa ... 798-1022
Long Island Weather Observers Inc
110 Barwick Blvd Minola ... 741-9531
Long Island Weight Counseling Inc
8243 Jericho Trnpk Wdbry ... 692-5100
L I Welding Svce 59 Urban Av Wstbry ... 997-8586
Long Island Wholesalers Of Nas-Suf
Inc 315 Bayview Av Amtyvl ... 598-6000
Long Island Window Treatments
330 Jackson Av Syoset ... 364-0405
Long Island Window Treatments
330 Jackson Av
Syosset ... Bethpage TelNo-579-3939
Long Island Window Treatments
330 Jackson Av Syosset
Toll Free-Dial '1' & Then ... 888 548-2463
Long Island Womens Health Care
Assoc PC 123 Maple Av Cdrhrst ... 295-1313
Long Island Women's Health Care
Associates 2260 Merrick Rd Mrck ... 379-2689
Long Island Womens Health Care
Group PC 99 Cold Spring Rd Syoset ... 364-8780
Long Island Womens Health Care
Group PC 14 Maple Pt Wash ... 767-1717
LONG ISLAND WOMEN'S
HEALTH CARE GROUP PC
135 Mineola Blvd Minola ... 741-4321
L I Yellow Cab
3130 Hempstd Trnpk Levitwn ... 735-1111
L I Yellow Cab
3256 Railroad Av Wntagh ... 221-1111
L I Yellow Cab Railroad Plz Hksvl ... 681-5555
L I Yellow Cab Railroad Plz Hksvl ... 931-1111
L I Yellow Cab Railroad Plz Hksvl ... 931-5555
L I Yellow Cab Corp
387 Conklin Frmgdl ... 249-1212
Long Island Yellow Pages
100 N Center Av Rkvl Cntr ... 766-1900
Long Island Youth For Christ-
Campus Life Inc
1201 Carls Stright Path Dix Hills ... 242-5996
Long Island Youth Guidance Inc
1201 Carls Straight Path Dix Hills ... 242-5101
Long Island Youth Guidance Inc
50 Wolcott Rd Levitwn ... 735-8103
Long Islander The 132 E 2 Minola ... 747-8282
Long James W plmbng & htng
18 Brower Av Wdmr ... 569-6369
Long Marion W MD 80 W 4 Freprt ... 623-6655
Long Shore Brewery & Restaurant
1100 Stewart Av Grdn Cty ... 227-0890
Long Term Care Insurance
Specialists
1010 Northern Blvd Grt Nk ... 466-4955
Long Wah Chinese Takeout
Restaurant
1266 Peninsula Blvd Hewlt ... 569-3903
Long Wall Kitchens
1708 Sunrise Hwy Copiag ... 842-0853
Longacre Beef Co Inc
20 Miller Pl Syoset ... 921-0070
Longano Valentine CPA
585 Stewart Av Grdn Cty ... 228-6542
Longano & Weiss
505 Northern Blvd Grt Nk ... 829-8091
Longbeach Locksmith 225 Anchor Av
Oceanside ... Long Beach TelNo-889-5625
Longcow Moving Co
901 73 Brooklyn ... Lawrence TelNo-239-9230
Longevity Book & Video Club
6 Commercial Hksvl ... 433-4672
Longevity Health Svc 295 Dow Av
Carle Place ... Nassau TelNo-627-3821
Long Island Contrctng
173 Plainview Rd Hksvl ... 938-6431
Long Island Hearing Inc
3475 Hempstead Trnpk Levitwn ... 735-9191
Longo Bob 1 Club Drive Hewlt ... 295-2330
Longo Commercial Cabinets Inc
175 Liberty Copiag ... 789-4084
Longo Commercial Cabinets Inc
1245 Marconi Blvd Copiag ... 842-1119
Longo Jim Inc 30 Hamltn Av Oystr Bay ... 922-4146
Longo Kenneth M Co
50 Underhill Blvd Syoset ... 496-3800
Longo Laureen chrprctr
42 Atlantic Av Ocnsid ... 594-2400
Longo Paul N & Co
50 Underhill Blvd Syoset ... 496-2850
Longo Peter MD
287 Northern Blvd Grt Nk ... 482-0360
Longobucco Guy 16 Club Rd Gln Cov ... 671-3460
Longwood Assocs
1139 Old Country Rd Plainvw ... 932-9800
Longwood Record Shop
1020A Longwood Av Bronx
Toll Free-Dial '1' & Then ... 800 244-0453
Longworth Richard D atty
45 Mc Couns Ln Oystr Bay ... 922-7111
Loni-Jo Metal Corp 70 Kinkel Wstbry ... 333-2130
Lonieski Karl 1173 Ott Ln Mrck ... 539-1386
Loni's Place 401 Jerusalem Av Hksvl ... 942-4702
Lonner Baron MD
270-05 76 Av New Hyde Park ... 470-7020
Lonner Baron S MD
1554 Northern Blvd Manhasset ... 390-1290
Lonnie Harris Enterprises
719 Prospect Av Wstbry ... 334-1275
Lonny's 499 Central Av Cdrhrst ... 569-4884
Lonny's 2031 Merrick Rd Mrck ... 868-3838
Lonnys Wardrobe Jericho Trnpk Wdbry ... 367-3646
Lonny's Wardrobe
61 Middle Neck Rd Grt Nk ... 482-0505
Lonny's Wardrobe
46A Saratoga Blvd Isl Pk ... 897-8426
Lonny's Wardrobe Inc
2877 Long Beach Rd Ocnsid ... 536-2262
Lonny's Wardrobe Inc
2031 Merrick Rd Mrck ... 223-4420
Lonny's Wardrobe Inc
1374 Northern Blvd Rslyn ... 621-6543
Lonitza Pizza 38 Glen Cove Rd Grnvl ... 621-5566
Lonzell Montgomery interactive service
Call ... 540-3748
Look Of Liz 2898 Long Beach Rd Ocnsid ... 678-0297
Look Of Liz 1065 Willis Av Albrtsn ... 742-3325

Look Twice Ltd
220 Merrick Rd Rkvl Cntr ... 763-2399
Look Who's Cooking
7 W Main Oystr Bay ... 922-2400
Looking Back Antiques
7 Main Cld Spr Hrbr ... 692-7777

LOOKING GLASS HAIR STYLISTS

336 Bway Bthpg ... 822-6776

Looking Glass Hairstylists Inc
336 Bway Bthpg ... 822-6776
Looking Good 891 W Beech Lng Bch ... 432-9095
LOOKS UNLIMITED
513 Chestnut Cdrhrst ... 374-2121
Loomis Armored Inc
580 5 Av Manhattan ... 212 382-1177
Looney Bin The
6 Rockaway Av Vly Strm ... 561-5666
Loong Yuan 536 S Bway Hksvl ... 822-8090
Loop-Loc Ltd
100 Engineers Rd Hauppauge ... 582-2626
Loovis Landscape Supl 346 Broadway
Carle Place ... Farmingdale TelNo-420-8822
Lopedote Andrew DC
403 Willis Av Wlstn Pk ... 746-4449

LOPES CONCRETE CORP

203 Mc Kinley Pkwy Minola ... 294-6955

Lopez & Assocs Inc
44 Bayles Av S Pt Wash ... 883-4041
Lopez Cleaning Svces
Call ... Freeport TelNo-378-8240
Lopez Edward Frank & Co LLP
70 E Sunrise Hwy Vly Strm ... 872-3400
Lopez Edwards Frank & Co CPAS—
Rick Joseph CPA 70 E Sunrise Hwy
Valley Stream ... NYC TelNo-212 685-7000
Rosenblatt Irwin M CPA
70 E Sunrise Hwy Valley Stream ... 212 685-7000
205 W 34 Valley Stream ... 212 685-7000
Lopez Esther
2176 Jericho Trnpk Nw Hyd Pk ... 746-1249
Lopez Jose 233 7 St Grdn Cty ... 741-8111
Lopez Joseph I MD
10 Medical Plz Gln Cov ... 671-4110
Lopez Robert MD
230 Hilton Av Hmpstd ... 481-1570
Lopiccolo & Caputo Hotel
556 Fultn Frmgdl ... 531-9851
Lopresti Anthony
250 Old Country Rd Mineola
Toll Free-Dial '1' & Then ... 800 866-8669
LoPresti Anthony MD
233 Willis Av Minola ... 248-0144
LoPresti Anthony & Philip MD
233 Willis Av Minola ... 248-0144
LoPresti And Birzon attys
300 Old Country Rd Minola ... 747-4800
LoPresti John Patrick Jr atty
300 Old Country Rd Minola ... 747-4800
Lo Presti Madeline
332 Willis Av Minola ... 873-6012
LoPresti Philip MD 233 Willis Av Minola ... 248-0144
Lopresti & Siegel LLP
310 Old Country Rd Grdn Cty ... 739-2020
Loral Corp—
Exec Offices
600 3 Av Manhattan ... 212 697-1105
Electronic Systms Div
1440 Story Av Bronx ... 718 378-2300
Lorand Landscaping
354 S Oyster Bay Rd Syoset ... 681-7888
Lorand Svce 55 Franklin Av Gln Cov ... 676-8849
Lorart Assoc Inc Wantagh ... 735-6500
Lorbert Telecom Inc
161 Main Pkwy W Plainvw ... 942-7330
Lord & Taylor—
Manhasset Northrn Blvd Manhst ... 627-3000
Frnkln Av Grdn Cty ... 742-7000
Lord & Taylor Beauty Salons
Northern Blvd Manhst ... 627-5234
Lord Taylor Beauty Salons
1440 Northern Blvd Manhst ... 627-1172
Lord & Taylor Clearance Center
3601 Hempstd Trnpk Levitwn ... 731-5031
Lordon Electric Inc
561 Acorn Unit M Deer Park
Toll Free-Dial '1' & Then ... 800 675-6736
Lordon Electric Inc
375 N Broadway Jrcho ... 942-5555
Lord's Enviromental Svces Inc
7-28 149
Whitestone ... Nassau TelNo-466-5766
Lords & Ladies Family Hair
Designers 530A Merrick Rd Rkvl Cntr ... 678-4793
Lord's Termite & Pest Control Corp
7-28 149 Whitestone
Toll Free-Dial '1' & Then ... 800 834-7378
Lore Luigi 1349 O St Elmnt ... 825-6298
LO RE STEPHEN MD
580 East Meadow Av E Medo ... 542-1155
Lorelei Hair Designers Ltd
2584 Hempstd Trnpk E Medo ... 731-3420
Lorelli Robert Assocs Inc
217 Merrick Rd Amtyvl ... 691-7233
Loren Bruce M atty
3938 Jerusalem Av Sefrd ... 785-3909
Loren Maria electrolysis 15 Bond Grt Nk ... 482-5127
Lorenz Schneider Co Inc
2000 Plaza Av Nw Hyd Pk ... 328-1400
Lorenzo David DDS
1035 Park Blvd Maspqa Pk ... 799-1155
Lorenzo J & Son Inc
303 Louis Av S Flrl Pk ... 352-7213
Lorenzo's Pizza & Pasta
673 Hillside Av Nw Hyd Pk ... 326-7879
Loretta L Miller Art Studios Ltd
322 Peninsula Blvd Cdrhrst ... 569-3285

Lorge Richard D atty
250 Old Country Rd Minola ... 742-1184
Lori Trading & Corp
33 Cornwells Beach Rd Snds Pt ... 767-6400
Loria & Sons Inc 58 Zavatt Inwd ... 239-4513
Loria V Floor Scraping Co
2295 Wilow Wntagh ... 826-2490
Loria Victor MD
520 Franklin Av Grdn Cty ... 877-5074
Or 520 Franklin Av Garden City
Toll Free-Dial '1' & Then ... 800 634-2477
Lorich Building Corp 15 Rave Hksvl ... 933-3610
Lorilee 29 W Main Oystr Bay ... 922-6362
Lorina's Clocks
Roosevelt Field Shopping Ctr Grdn Cty ... 739-9815
Lorina's Pies
Roosevelt Field Shopping Ctr Grdn Cty ... 739-9896
Lorina's Silver Mine
Roosevelt Field Shopping Ctr Grdn Cty ... 742-6010
Loring E Miller Agency Inc
398 Willis Av Minola ... 741-4040
Lorintz Joseph H PC
380 N Broadway Jrcho ... 681-0020
Lorix Inspection Svce
32 Smith Rkvl Cntr ... 678-3173
Lormar Advtng Specialty Co
3292 Elliott Blvd Ocnsid ... 763-1180
Lorna Del Maestro Fitness & Dance
Center children
160 Merrick Rd W Mrck ... 623-0962
Lorna Del Maestro Fitness & Dance
Center adults Merrick ... 623-6025
Loro Inc 548 Cherry Ln Flrl Pk ... 616-0460
Loronet Cleaners 581 Meric Rd Lynbrk ... 599-0134
Loroni Italian Restaurant
150 E Park Av Lng Bch ... 432-1010
Loroni Italian Take Out
150 E Park Av Lng Bch ... 431-1654
Lorraine Gregory Corp
302 Broadway Bthpg ... 681-1626
Lorraine Sanford
45 Middle Nck Rd Grt Nk ... 487-5503
Lorraine's 22 Park Av N Rkvl Cntr ... 536-1810
Lorstar Advertising Inc
50 Jericho Trnpk Jrcho ... 338-0005
LoRusso Larry accountant
1900 Hempstead Trnpk E Medo ... 794-9696
Lorusso Lawrence
1900 Hempstead Trnpk E Medo ... 542-0846
LoRusso Michael atty
555 Broadhollow Rd Melvl ... 293-3131
Los Amigos Grocery
92 N Franklin Hmpstd ... 565-0861
Los Amigos Grocery
158 Main Hmpstd ... 489-5950
Los Angeles Times Editorial Bureau
2 Park Av Manhattan ... 212 448-2800
Lo's Green Garden
3109 Lawson Blvd Ocnsid ... 536-2888
Los Marichi's Mexican Restrnt
805 Coney Island Av Brooklyn ... 718 826-3388
Los Mariscos 114 N Franklin Hmpstd ... 483-5569
Los Primos Grocery
515 Union Av Wstbry ... 876-8980
Los Primos I
427A Jerusalem Av Uniondl ... 483-0577
Los Tacos 485 Maple Av Wstbry ... 997-9701
LoSardo John P DDS ofc
620 Tulip Av Flrl Pk ... 354-6356
Loscalzo Anthony atty 14 E 4 Manh
Toll Free-Dial '1' & Then ... 800 640-2900
Loscalzo Anthony J atty
14 E 4 Manhattan ... 212 505-9080
Loscalzo Anthony J atty 14 East 4
Manhattan ... Hicksville TelNo-932-1521
Loscalzo Associate
75 Plandome Rd Manhst ... 365-0400
Loscalzo Insurance Agency
35 Hillary Dr Bayvl ... 628-2400
Loscalzo Jos T MSS
185 Plainvw Rd Wdbry ... 692-8860
Loscalzo & Loscalzo 14 East 4
Manhattan ... Hicksville TelNo-932-1521
Loscalzo & Loscalzo attys
14 E 4 Manhattan ... 212 505-9080
Loscalzo & Loscalzo PC attys
14 East 4 Manh ... 932-1521
Losciale Mauro
820 Hempstead Trnpk Frnkln Sq ... 358-5038
Losee A & Sons 68 Landing Rd Gln Cov ... 676-3060
Loshak Kevin M DDS
959 Brush Hollow Rd Wstbry ... 333-6744
Losito Francis MD 215 Main Pt Wash ... 883-4800
Losquadro Concrete Corp concr
1926 Lenox Av E Medo ... 794-5542
Losquadro Constr 103 Smith Mrck ... 546-5582
Losquadro Dominick
1926 Lenox Av E Medo ... 794-5542
Loss Prevention Assocs Inc
100 Washington Hmpstd ... 539-0754
Loss Prevention Prods Inc
40 E 2 Minola ... 248-7200
LOT POLISH AIRLINES—
Reservations & Ticketing
Toll Free-Dial '1' & Then ... 800 223-0593
Administration Offices
500 5 Av Manhattan ... 212 852-0240
Lo-Temp Inc 106-11 Pinegrove
Jamaica ... New Hyde Park TelNo-326-1055
Lotfi David MD 120 Bethpage Rd Hksvl ... 935-5313
Lothel Abstract Corp
99 Powerhouse Rd Rslyn Hts ... 484-7130
Lottery interactive service ... 540-2220
Lottery recorded announcement ... 976-0001
Lottery Accuracy Results
recorded announcement ... 976-2828
Lottery All Info-Results
recorded announcement ... 976-4111
Lottery Div Of The Lottery Sales
Ofc 463 Willis Av E Wlstn ... 747-7700
Lottery Lotto All Winning Numbers
recorded announcement ... 976-4111
Lottery Results
Toll Free-Dial '1' & Then ... 888 964-7777
Lottery Results interactive svc-adult ... 970-2020
Lottery And Weather Results-Info
recorded announcement ... 976-0001

Lottery Winning Number
recorded announcement ... 976-2828
Lottery Winning Numbers
interactive svc 226 F 54 Manhattan ... 540-1100
Lottery Result recorded announcement ... 976-2828
Lotto-Accuracy Results
recorded announcement ... 976-2828
Lotto Sport USA Inc
233 7 St Grdn Cty ... 742-8400
Lotto Stats Hotline
recorded announcement ... 540-7711
LoTurco & Co Inc
1040 Hempstead Trnpk Frnkln Sq ... 358-9455
Lotus Garden 345 Conklin Frmgdl ... 249-2940
Lou Christian Hair Designers
40 Atlntc Av Ocnsid ... 764-6699
LOU HALPERIN'S STAS-INC
1144 Atlntc Av Bldwn ... 546-8414
Lou-Lou 83 Middle Neck Rd Grt Nk ... 482-6355
Lou-Lou 83 Middle Neck Rd Great Neck
Toll Free-Dial '1' & Then ... 800 396-9223
Louca Chiropractic
1879 Bellmore Av Blmr ... 221-9336
Louca Michael
3359 Merrick Rd Wntagh ... 785-1193
Loucar Realty Corp
750 Broadway Maspqa ... 541-5400
Loucas Emmanuel R MD
165 Roslyn Rd Rslyn Hts ... 625-6222
Loud Joy 175 Village Av Rkvl Cntr ... 763-9249
Loughran Douglas C floor cleaning
60 Adams Oystr Bay ... 922-7563
Louie Cona Landscaping
255 Meacham Av Elmnt ... 352-4475
Louie's Pizza 1929 Grand Av Bldwn ... 223-8244
Louie's Shoe Repair
1536 Union Trnpk Nw Hyd Pk ... 352-2948
Louie's Shore Restrnt
395 Main Pt Wash ... 883-4242
LOUIS SEE ALSO LEWIS
Louis' Corner Family Restaurant
1892 Bellmore Av Blmr ... 781-4000
Louis Enterprises
220 W Broadway Lng Bch ... 432-4200
Louis Floor Waxing Inc
2 Herbrt Av Pt Wash ... 883-7690
Louis French Cleanrs
520 Belmor Rd E Medo ... 785-2051
Louis Gevirtz & Co CPA
7 Detroit Rd Hntgtn Sta ... 692-8500
Louis Hairpieces
25 Great Neck Rd Grt Nk ... 482-0598
Louis Hair Stylst
142 Maneto Hl Rd Plainvw ... 681-7666
Louis J Solomon Inc
31 Skyline Dr Plainvw ... 433-8600
Louis L'Amour Books 6 Comrcl Hksvl
Toll-Free Dial '1' & Then ... 800 347-7828
Louis Negila Martial Arts ACC
1889 Park Atl Bch ... 239-8361
Louis Vuitton NA Inc
Roosevelt Field Shopping Ctr Grdn Cty ... 741-0714
Louis Vuitton Retail Store
2040 Northern Blvd Manhst ... 365-4766
Louise Wise Svces
12 E 94 Manhattan ... 212 876-3050
Loungecraft Moving And Storage
Inc 85 8 Av Se Clf ... 759-4430
Lourde Gregory's Ale House
381 Jericho Trnpk Flrl Pk ... 327-5120
Lourdes Industries Inc
65 Hofmn Av Hauppauge ... 234-6600
Lourdes Unisex Salon
225 Broadway Amtyvl ... 691-1122
Lourenso Frank J
48 S Service Rd Melvl ... 694-7030
Louron Constr Corp
1615 Northern Blvd Manhst ... 627-8700
Lou's Cleaners
48 New Hyde Park Rd Grdn Cty ... 354-0161
Lou's Country Charm Florist Inc
1635 Great Neck Rd Copiag ... 842-0694
Lou's Music Shop
60 New York Av Maspqa ... 799-7900
Louth Automation
1747 Interlake Dr Wntagh ... 221-5209
Louth Automation
1747 Intrke Dr Wntagh ... 783-6022
Lova Foods Ltd
20 Crossways Pk N Wdbry ... 364-0916
Lovable Pet Salon
199 Post Av Wstbry ... 334-0639
Lovalta Usa Corp
100 W Park Av Lng Bch ... 897-8122
Love-A-Peel 85 Franklin Av Frnkln Sq ... 488-4223
Love & Aces 60 The Plaza Atl Bch ... 371-1985
Love Bites 7 Bixley Heath Lynbrk ... 887-4445
Love Cleaners 416 Clinton Hmpstd ... 486-8323
Love Cleaners
176 Long Beach Rd N Rkvl Cntr ... 766-8325
Love Cleaners 564 Stewart Av Bthpg ... 931-7625
Love Karen MD
264 Haypath Rd Old Bthpg ... 293-0666
Love My Shoes 38 Atlantic Av Ocnsd ... 766-2033
Love My Shoes
5300 Sunrise Hwy Maspqa ... 798-1447
Love My Shoes 239 Voice Rd Crl Pl ... 739-2567
Love Nail 293 Warner Av Rslyn Hts ... 625-7032
Love Oasis Christian Center
50 Fulton Av Hmpstd ... 489-3054
Love People Realty Network
3 Stratford Rd W Hmpstd ... 481-5529
Love & Quiches 178 Hanse Av Freprt ... 623-8800
Love Sins interactive service-adult ... 970-4691
Love Swept Series
6 Commercial Hcksville
Toll Free-Dial '1' & Then ... 800 347-7828
Love The Children International
Adoption Svces
221 W Broad Quakertown PA ... 215 536-4180
Love This Stuff 37 Atlantic Av Lynbrk ... 593-4932
Loveable Tees 1093 Front Uniondl ... 486-6259
Lovecchio John L MD
300 Community Dr Manhst ... 562-4438
Lovegrove Paul N atty
20 Vincent Av Vly Strm ... 825-1000
Lovejoy Real Estate
[illegible] ... 427-1600

SR Business

Bell Atlantic

White Pages

Suffolk County

Area Code 51

June 1999 — May 200

YELLOW PAGES™

GET AN IDEA.™

Life. Listed Alphabetically.

Includes customer listings of all local telephone companies

Little Switzerland Dolls
267 Main Hntgtn 549-8743
Little Toy Shop Of Cutchogue The
23080 Route 25 Ctchog 734-2214
Little Venice Restrnt & Pizzeria
744 N Wellwood Av Lndnhrst 226-4848
Little Vincent's Pizza
329 New York Av Hntgtn 423-9620
Little Vincent's Pizza
324 Smithtown Blvd Lk Rnknkma 981-9631
Little Vincent's Pizza Restaurant
324 Smithtown Blvd Lk Rnknkma 467-9633
Little World Of Cars Ltd Of Rocky Point
Route 25 A Rky Pt 744-3100
Littman Harry D DVM
1800 Middle Country Rd Rdg 345-3366
Littman Jeff 2047 Bliss Pl
Merrick Huntington Station TelNo-493-3479
Littman Jewelers
Middle Country Rd Lk Grov 265-7800
Littman Jewelers
250-7 Route 110 Hntgtn Sta 673-9199
Littman Jewelers
1170 Sunrise Hwy Bay Shor 666-1750
Littoa Inc
44-37 Douglaston Pkwy Little Neck
Toll Free-Dial '1' & Then 800 794-5482
Litton Aero Prods Div
1626 Locust Av Bohma 589-5522
Liturgy/Music Ministry
92 Valley Stream Islip Ter 581-0165
Liu Fang 4 Club House Ln Nsconst 265-4543
Liu Ming Restrnt
3311 Veterns Memrl Hwy Rnknkma 588-0001
Liu Shaoyun Acupuncture
1331 Stony Brook Rd Stny Brk 689-6221
LIUZZI MICROBIOLOGY LAB
212 Maple Islip 581-7379
Liv Art Inc 38 Broadway Grnlwn 262-7364
Liv Art Inc 2 Smith Grnlwn 261-9410
Live Line interactive svce 550-5483
Live Wire Electric Co
30 Baylor Dr Smthtwn 724-8252
Live Wire Welding & Steel Corp
33 Three Mile Harbor Rd E Hmptn 324-0028
Lively Lady Beauty Salon
22 W Main Ptchog 475-7430
Liver Center Of Long Island
500 Portion Rd Rnknkma 981-1000
Living Door 11 Old Dock Rd Yphnk 924-5393
Living Naturally PO Box 444 Cntrch 981-0067
Living Oceans 550 S Bay Av Islip 859-5260
Living Proof Church Of God & Christ 105 2 Av Bay Shor 968-9451
Living Water Full Gospel Church
Hubrd Av & Shade Tree Ln Rvrhd 722-4969
Living Waters Plumbing & Heating Genl Contrctng
33 Willoughby Brntwd 436-5250
Living Word Christian Training Center 787 Nesconset Hwy Nsnst 360-1211
Living Word Christian Training Center fax
787 Nesconset Hwy Nsnst 360-7253
Livingston Glenn Dr
6 Hilltop Dr Syoset 367-8619
Livingston Industries Inc
980 Grand Blvd Deer Pk 242-1231
Livoti Joseph MD
750 Montauk Hwy W Islip 669-5900
Livrieri Nicholas MD
321 Middle Country Rd Smthtwn 265-4606
Lixis-Nexis 300 Nassau Rd Hntgtn 673-1129
Liz-A Travel 1805E S Av Bay Shor 273-8471
Liz Bros Shoe Repair
773 Suffolk Av Brntwd 435-8751
Liz Claiborne 1770 W Main Rvrhd 727-0075
Liz Claiborne 790 Sunrise Hwy Belprt 286-6029
Liz Claiborne Mens Outlet Store
1770 W Main Rvrhd 208-0821
Lizan Tops Assocs
68 Newtown Ln E Hmptn 324-3424
Lizewski J J DDS
Cor Depot Ln & Route 25 Ctchog 734-6290
Liz's Touch 8285 Jericho Trnpk Wdbry 367-1332
Lizzard Auto Svces 20 Eads W Babyln 420-1476
LJ Styles Unlimited Inc
2229 Route 112 Corm 696-7765
LJD Travel 149 Houston Lndnhrst 226-2150
LJL Insurance 711 Suffolk Av Brntwd 434-8373
LJ's Cafe 469 Oak Copiag 691-9074
LL 11 Buffalo Av Islip 277-5465
LL Weans The Educational Store Inc
2233 Route 110 Frmgdl 777-8666
Llee Corp 80A Park Pl E Hmptn 324-3600
Llewellyn Greg 2 Penn Plaza
Manhattan Southampton TelNo-287-4694
Llewellyn Lorraine 100 Austin Ptchog 447-5855
Lll Deli Love La Matituk 298-4404
Llovera Irene N MD
325 Park Av Hntgtn 351-3714
Lloyd Creative Staffing
445 Broadhollow Rd Melvl 777-7600
Lloyd Creative Staffing
310 Madison Av
Manhattan Nassau TelNo-777-1010
Lloyd Creative Staffing
4250 Veterans Memorial Hwy Hlbrk 630-3400
Lloyd Designs 19 Fawn Lane W
Centereach Stony Brook TelNo-751-5113
Lloyd Harbor Greens
56 Central Dr Frmgdl 845-7777
Lloyd Harbor Historical Society
Lloyd Harbor Rd Lloyd Hrbr 424-6110
LLOYD HARBOR INC VILLAGE OF See Government Pages
Lloyd Harbor Realty Inc
101 Woodbury Rd Hntgtn 423-5000
Lloyd Neck Bath Club
W Neck Rd Loyd Hrbr 423-0401
Lloyd Neck Bath Club
West Neck Rd Hntgtn 351-9516
Lloyd Personnel Consultants
445 Broadhollow Rd Melvl 777-7600
Lloyd Point Indoor Tennis Club
Loyd Point Dr Hntgtn 351-9629
Lloyd Staffing
445 Broadhollow Rd Melvl 777-7600
Lloyds 496 Main Estprt 325-1819
Lloyds Fashion Inc
214 Candlewood Rd Bay Shor 435-3353
Lm Marketing 111 Route 347 Haupaug 360-7342
LMC Wireless Industries Inc
191 Ronkonkoma Av Rnknkma 585-7466
L M S Excavating Co Inc
Ruland Rd Melvl 694-2420
L N K International
60 Arkay Dr Haupaug 435-3500
Ln Procorm
247 Old Riverhead Rd Wsthmptn Bch 288-4310
Lnr Marzigliano M
5 Stafford Dr Hntgtn Sta 673-6193
Lo-Blast Economite Distribtr
358 Bloomfield Av Montclair NJ 212 349-2063
Load Net Services
105 E Carmans Rd Frmgdl 756-4810
Loader Mark 14 Farragut Rd Old Bthpg 753-9249
Loading Dock Inc The
Baywalk Fair Hrbr 583-5980
Loading Dock The
367 Butter Ln Brdghmptn 537-5532
Loads Of Laundry
634 Route 109 Lndnhrst 226-9274
Loaves & Fishes Main Sagpnak 537-0555
Loaves & Fishes Ministries
Middle Country Rd Mid Isl 924-0971
Lobacz Frank M MD
10 Brentwood Rd Bay Shor 968-7700
Lobacz Frank M MD
49 Ireland Pl Amtyvl 264-0924
Lobacz Frank M MD ofc
1776 Brntwd Rd Brntwd 273-4366
Lobacz Frank M DO PC
200 Boundary Av Maspqa 694-2424
Lobato Auto Service
103 W Suffolk Av Cntrl Islip 851-1988
Lobel Debra atty
288 Pantigo Rd E Hmptn 324-8282
Lobel Donald A CPA
1801 Argyle Sq Babylin 587-4949
LoBianco Joseph S
283 Commack Rd Comac 499-3505
LoBianco Joseph S
46 Little East Neck Rd Babylin 321-6704
Lobo Constr Svces Inc
426 S Country Rd Brkhvn 286-6184
Lobo Recording Studios
2103 Deer Park Av Deer Pk 243-2983
Lobosco John 98 Woods Rd N Babylin 595-1797
Lobosco Regina & Rocco Massage
massage therapist
789 Deer Park Av N Babylin 893-4304
Lobster Inn 162 Inlet Rd Sthmptn 283-1525
Lobster Roll Restrnt
Montauk Hwy Amgnst 267-3740
Lobster Roll Restrnt
45 Sound Av Rvrhd 369-8774
Lobster Wok
1073 Old Country Rd Rvrhd 369-9230
Lo Bue Nicholas J ins
197 S Wellwood Av Lndnhrst 957-5282
Lo Bue & Son Agency
197 S Wellwood Av Lndnhrst 957-5282
Local Brokerage Inc
653 Old Country Rd Westbury 334-4670
Local Cesspool Svce Inc
83 Broadway Grnlwn 754-6485
Local Cesspool Svce Inc
83 Broadway Grnlwn 757-1144
Local Cesspool Svce Inc
838 Broadway
Greenlawn Commack TelNo-499-0077
Local Cesspool Svce Inc
838 Broadway
Greenlawn Hauppauge TelNo-979-7110
Local Color 32 Park Pl E Hmptn 329-2700
Local Concrete Inc
66 Horseblock Rd Cntrch 981-3300
Local Concrete Inc
66 Horseblock Rd Cntrch 981-3319
Local Contractors Corp
70 Comsewogue Rd E Setukt 474-5138
Local 854 International Brotherhood Of Teamsters
811 W Merrick Rd Valley Stream 285-9141
Local 810 International Brothers Of Teamster 1033 Waverly Av Hltsvl 289-5944
Local 1181-1061 ATU AFL-CIO
600 Johnson Av Bohma 567-3200
Local 1199 Hospital & Health Care Emplymnt Svce
751 N Broadway Amtyvl 841-1199
Local 406 Prntng & Graphic Comm Union 1919 Broadhollow Rd Frmgdl 293-6868
Local Ladies Inc East Setauket 751-1115
Local Lawn Maintenance Inc
406 Ferndale Blvd Islip 581-7173
Local 971 Security Guards
1 Union Sq W Manhattan 212 255-2880
Local People East Setauket 751-1115
Local Refrigeration Svce
125 Woodbury Rd
Hauppauge Commack TelNo-543-2182
Local 340 International Alliance Of Theatrical Stage Employees
118 Buffalo Av Mdfrd 289-9499
Local 342 Insurance Trust
501 William Floyd Pkwy Shrly 395-1700
Local 342 Long Island Public Svce Employees
501 William Floyd Pkwy Shrly 395-0600
Local 237 International Brotherhood Of Teamsters 28 Park Av Bay Shor 666-5700
Local Union 1486 Painters Suffolk Cnty 103 Carlin Av E Islip 581-8900
Local Union 1815 tn 516 581-1893
103 Carlin Av E Islip 581-8900
Local Union 1919
2040 Wellwood Av Frmgdl 752-8502
Local Union 1922 International Brotherhood Of Electrical Workers AFL-CIO
1065 Old Country Rd Westbury 334-4140
Local USA Signs
1454 Route 25 Cntrch 696-9277
Local Wrench Svce Sta Inc
Montauk Hwy E Quog 653-5700
LoCastro Robert DPM
111 Nesconset Hwy Haupaug 724-3338
Locate Your Stolen Car Co
439 Main Port Washington
Toll Free-Dial '1' & Then 800 605-6522
Location Auto Leasing Corp
370 Oakwd Rd Hntgtn Sta 427-0900
L'Occitane Inc
160-05 Route 110 Hntgtn Sta 673-5730
Lochard Betty 9 Wakefield Av Corm 928-4253
Lock And Key Plus 300 W 6
Deer Park Bay Shore TelNo-581-0111
Locker Works Inc
13 Manhattan Blvd Islip Ter 581-4100
Locker Works Inc
11 Moffitt Blvd Bay Shor 968-4100
Lockhart Maria MD
320 Montauk Hwy W Islip 587-2500
Lockie Janet Dr 475 Main Frmgdl 752-1099
Lockrey Co Inc The
2517 Finlaw Av Pennsauken NJ 609 665-4794
Locks Advtng Agency
329 Jericho Trnpk Smthtwn 724-4000
Locks Advtng Specialties Inc
329 Jericho Trnpk Smthtwn 724-4000
LOCKS UNLIMITED
360 Larkfld Rd E Nrthprt 368-8714
Locks Unlimited Inc
360 Larkfld Rd E Nrthprt 368-8714
Locksmiths By Islander
75-20 Astoria Blvd
Jackson Heights Suffolk TelNo-585-4500
Lockton Companies
48 S Service Rd Plainvw 249-0800
Lockwood Kessler & Bartlett Inc
engnrs & survyrs 1 Arial Wy Syosset 938-0600
Lockwood Scott atty
93 Pearsall Pl Deer Pk 242-3369
Lo Conte Family Hair Cutter
40 Lowell Av Islip Ter 581-9786
Locovare Rose 8 Michel Av Frmgdl 752-1987
Locurto Concetta CPA
328 Fulton Frmgdl 249-7800
Lo Curto Dominic A Insurance
2229 Route 112
Coram Suffolk TelNo-669-3999
Lo Curto Dominic A Insurance
2229 Route 112 Corm 732-7750
Locust Av Garage Church Bohma 589-4518
Locust Avenue Laundromat
7A Locust Av Babylin 893-2911
Loda Fashions Inc
1199 Sunrise Hwy Copiag 842-8212
Lodato Antonio & Deborah
30 Hackberry Ln Hlbrk 737-8614
Lodespoto Mark J
250 Patchogue Yaphank Rd Ptchog 475-1030
Lodge At Detmer Farms The
690 Route 25A E Setukt 751-6126
Lodige USA Inc
223 Hallock Rd Stny Brk 689-8954
Lodo Realty Corp 35 W Main Smthtwn 360-5631
Lodo Realty Corp
222 Middle Country Rd Smthtown
Toll Free-Dial '1' & Then 800 696-5636
Loduca Assocs Inc 840 S 2 Rnknkma 580-1200
Loeb Richard O Dr
15 Springwd Path Laurl Hlo 367-4015
Loeb's & Gordon Pookcraft Inc
128 Maple Ln Brdghmptn 537-8383
Loeb's & Gordon Pookcraft Inc
128 Maple Ln
Bridgehampton Sag Harbor TelNo-725-2700
LOEHMANN'S INC
301 W Jericho Trnpk Hntgtn Sta 423-2020
LOEW SEE ALSO LOW,LOWE
Loew Robert B atty
12 Seacrest Dr Hntgtn 423-0388
LOEWE SEE LOEW,LOW,LOWE
Loews Stonybrook Theatre
2196 Nesconset Hwy Stny Brk 941-0124
Loews Theatre 777-5639
Loffredo Bros Inc
239 Trade Zone Dr Rnknkma 585-6600
Loftus Sewer & Drain
1 Watkins Terr Amtyvl 789-5368
Log On Long Island
5262 Sunrise Hwy Sayvl 589-9327
LoGalbo Joseph J CPA
28 Pulaski Rd Kngs Pk 544-0616
Logan Denise chiropractor
727 N Bway Massapequa 798-8090
Logan's Run Sports Pub
760 Sunrise Hwy W Babylin 669-9609
Logic One 1735D N Ocean Av Mdfrd 289-5115
Logical Planning Systems Ltd
22 Colony Dr Hlbrk 289-0055
Logicare Inc 85A Marcus Dr Melvl 420-0700
Logicare Inc 85A Marcus Dr Melvl 847-0459
Logimetrics 50 Orville Dr Bohma 784-4110
Logistics Systems Inc
222 Central Av Frmgdl 847-3707
Logitek Inc 101 Christphr Lk Rnknkma 467-4200
Logo Bear Co 609 Acorn Deer Pk 667-5646
Logo-Motion 90 Rome Frmgdl 756-4777
Logomasini Robert DDS
531 Montauk Hwy Sayvl 589-9010
Logomax Inc 2428 Route 109 Frmgdl 420-0484
Logon Svce Inc 35 Hub Dr Melvl 249-0759
Logos Applications 457 Main
Farmingdale Farmingdale TelNo-753-3981
Logosso Ronald
St John's Medical Ofc Bldg Smthtwn 862-3652
Logue Bruce DDS 652 Suffk Av Brntwd 273-0988
Logus Microwave Corp
2070 Jericho Trnpk Comac 543-1707
Lohr John W chrpractr
193 Nichols Rd Nsconst 585-5565
Lohr John W Dr chrpractr
359 Route 111 Smthtwn 979-0293
Loinig Herbert 163 N Ferry Rd Shtr Isl 749-2041
Loiodice Joseph MD
528 N Country Rd St Jas 584-6011
Loiodice Joseph MD
St Johns Medical Ofc Bldg Smthtwn 862-3650
Loiodice Louis F Dr 348-3254
Loiodice Louis F Dr MD
41 John Babylin 893-4355
Lois Joy Galler Foundation
734 Walt Whitman Rd Melvl 673-3017
Lois Zachary 4 Midwood Ct E Islip 224-1927
Loizides Edward A MD
332 E Main Bay Shor 665-3737
Lojack Corporation
Toll Free-Dial '1' & Then 888 265-6522
Lojacono Joseph 283C Cardiff Ct Rdg 744-4051
Lollipop Pony Parties
17 Fischer Av Islip Ter 277-9616
Lolo's Pizza Trustees Wk Davis Pk 597-6245

LO-MAN OUTDOOR STORE LTD
140 Deer Park Av Babylin 669-2064

Lombardi Bros Landscapers Inc
690 Deer Park Av Dix Hls 254-2077
Lombardi Dawn M & Assoc
700 Sunrise Hwy Bay Shor 206-1327
Lombardi Kevin MT PC
234 E Main Prt Jfrsn 474-2241
Lombardi Kirk Towing & Repairs
18 Brightside Av E Nrthprt 261-0555
Lombardi Truck Tire Svce 28 Elridge East Northport
Call East Northport TelNo-261-4327
Lombardi Truck Tire Svce
766 Larkfield Rd East Northport
Toll Free-Dial '1' & Then 800 287-3528
Lombardi's Italian Restrnt
Jericho Trnpk Mid Isl 345-3973
Lombardi's Italian Restrnt
185 Route 25 Mid Isl 924-8933
Lombardo Dean Dr DC
856 E Jericho Trnpk Hntgtn Sta 385-0207
Lombardo Electric
840 Long Island Av Deer Pk 242-2970
Lombardo Nick Plumbing & Htg
27 Elmira Deer Pk 586-4018
Lombardo William Planning & Designing 5 Clark Mstic 281-0986
Lomin Constr Co
31 Birmingham Dr Nrthprt 754-8465
Lomin Constr Co
328 Glen Cove Rd Glen Head 759-5734
Lomitola John L Real Estate
Laurel Dr Montuk 668-2292
Lo Monaco's Restaurant
2435 Middle Country Rd Cntrch 467-6240
Lon Cosmetics Ltd 165 S 10 Lndnhrst 225-0455
Lon Sabella Et Daniel
8 Moneybogue Ln Wsthmptn Bch 288-5988
London Cleaners
Eastport Manor Rd Estprt 325-0301
London Fog 1770 W Main Rvrhd 727-0907
London Fog Factory Store
10 Farber Dr Belprt 286-9735
London Jewelers 2 Main E Hmptn 329-3939
London Optical
494 Central Av Cedarhurst 569-2335
London Optical
35 Middle Neck Rd Great Neck 487-8866
London Optical Executive Ofc
59 Hanse Av Freeport 546-7480
London Optical Of Huntington
281 Main Hntgtn 427-8500
London Pub
508 Walt Whitman Rd Melvl 423-8845
London Towncars Inc
40-14 23 Long Island City 212 988-9700
Lone Tree Leasing
320 Middle Country Rd Smthtwn 979-3967
Lonergan Michael PhD
1641 Deer Park Av Deer Pk 254-2204
Lonergan Thos W chrpractr
2 Munsn Ct Melvl 421-5565
Lonestar Home Improvements
76 Cherry Rd Rky Pt 821-4696
Long Acre Landscaping
N Country Rd Wadg Riv 929-6688
Long Beach Messenger & Delivery Svc 235 W Park Av Long Beach
Toll Free-Dial '1' & Then 800 834-9384
Long Beach Mortgage Company Retail Division
See Ameriquest Mortgage Company
Long Hall Technologies LLC
500 Eastern Pkwy Frmgdl 293-6900
LONG ISLAND (LI) LISTINGS ARE ARRANGED AS IF SPELLED IN FULL SEE ALSO THE BEGINNING OF THE 'L'S FOR LISTINGS BEGINNING WITH L I
Long Island Abstract Co Inc
Center Dr Rvrhd 727-3530
Long Island Academy Of Dance
1320 Stony Brook Rd Stny Brk 751-2195
Long Island Academy Of Dance II
275 Route 25 A Mlr Pl 331-8830
Long Island Academy Of Fighting Arts 59 Merrick Rd Copiag 789-9769
Long Island Administration
14 Morgan Ct Smthtwn 360-3955
Long Island Adolescent And Family Services Inc 2 Cliffwood Ln Rdg 924-2611
Long Island Adolescent And Family Services Inc 100 Horsblck Rd Cntrch 737-8192
Long Island Adolescent And Family Services Inc
1413 Stony Brook Rd Stny Brk 444-4400
Long Island Advance The newspr
20 Medford Av Ptchog 475-1000
Long Island Advocacy Cntr
490 Wheeler Rd Haupaug 234-0467
Long Island Air Limo Rivera Dr Seldn 736-5432
Long Island Airlines Republic Airport Farmingdale—
General Offices 752-8301
Long Island Airlines Reservations & Information
LaGuardia Airport Flushing 718 476-5366
Long Island Allied Health Svces
30 Floyds Run Bohma 547-
Long Island Alzheimers Foundation Inc 5 Channel Dr Port Washington 767-
Long Island Analytical Labs
101-4 Colin Dr Hlbrk 472-
Long Island Angels
810 Fort Salonga Rd Nrthprt 754-
Long Island Antique Furniture Restoration Co Wantagh TelNo-271-
Long Island Appliance Wholsalers
150 Price Pkwy Frmgdl 347-
Long Island Aquarium
28 W Main Bay Shor 665-
Long Island Aquarium Svc
3 Merman Pl
Babylon Lindenhurst TelNo-226-
Long Island Aquatics Inc
160 Marine Frmgdl 249-
Long Island Arboricultural Assoc Inc
PO Box 565 Frmgdl 454-
Long Island Archery & Tackle
27 Olive Lk Grov 467-
Long Island Arena
366 Veterans Memorial Hwy Comac 499-
Long Island Articat
251 Sunrise Hwy W Islip 321-
Long Island Assoc Of Registered Financial Planning 255 Main Hntgtn 673-
Long Island Association For AIDS
755 Park Av Huntington 479-
Long Island Assn For Aids Care
755 Park Av Hntgtn 385-
Long Island Association For Aids Care 755 Park Av Hntgtn 385-
Long Island Assn Inc
Toll Free-Dial '1' & Then 888 564-
Long Island Assn Inc 80 Hauppauge Rd
Commack Commack TelNo-499-
Long Island Association Of Independent Physicial Therapists
203 Commack Rd Comac 462-
Long Island Athletic Supply Inc
34 Hempstead Trnpk Frmgdl 775-
Long Island Authorized Refrigeration Svce
114 Keyland Ct Bohma 589-
Long Island Auto Body Repairmens Assoc Inc 29 Mayflower Ln E Setukt 616-
Long Island Auto Body Reprmens Assoc 1374 Montauk Hwy E Ptchog 388-
Long Island Auto Group inc
38 Witham
Amityville Massapequa TelNo-364-
Long Island Auto Works
3020 Veterans Memorial Hwy Bohma 588-
Long Island Automotive Equipt Assocs Inc 979-
Long Island Automotive Group Inc
124 Greene Av Amtyvl 364-
Long Island Awards & Promotions
7 Flowerfield Rd St Jas 862-
Long Island Backflow Testing
910 Merrick Rd Copiag 789-
Long Island Ballet Center
390 Central Av Bohma 589-
Long Island Bankruptcy Center
70 Clarendon Rd Rnknkma 616-
Long Island Bankruptcy Center
70 Clarendon Rd Rnknkma 616-
Long Island Beagle Club Inc
Edwards Av Clvrtn 727-
Long Island Beauty & Barber Supls
178 W Main Ptchog 475-
Long Island Beauty School
173A Fulton Av
Hempstead Deer Park TelNo-667-
Long Island Beauty School Inc
173A Fulton Av Hempstead 489-
Long Island Beauty School Inc
56A W Main Bay Shor 665-
Long Island Beer & Beverage
1866 Deer Park Av Deer Pk 667-
Long Island Better Business Bureau
266 Main Frmgdl 490-
Long Island Beverage Systems Inc
921F Conklin Frmgdl 776-
Long Island Bible School
1070 Portion Rd Frmgvl 924-
Long Island Bicycles Inc
318 E Main Ptchog 789-
Long Island Billiards Inc
1018 Waverly Av Hltsvl 731-
Long Island Biological Association
Bungtown Rd Old Sor Hrbr 367-
Long Island Blood Services Division Of New York Blood Center—
525 Broadhollow Rd Melville—
General Information 777-
Blood Donation Appointments
Toll Free-Dial '1' & Then 800 933-
Human Resources 777-
Long Island Blues Society
67 Picket Ln Cntrch 475-
Long Island Bd Of Realtors Inc
300 Sunrise Hwy W Babylin 587-
L I Bottle Gas Supl & Svce Corp—
Main Office 200 Corbin Av Bay Shor 665-
Suffolk North Shore
200 Corbin Av Bay Shor 665-
Suffolk South Shore
200 Corbin Av Bay Shor 665-
Long Island Bottle Gas Supl & Svce Corp-Nassau Area 200 Corbin Av
Bay Shore Farmingdale TelNo-
Long Island Brain & Spine Surgery
373 Montauk Hwy Babylin 587-
Long Island Brain & Spine Surgery
1149 Old Country Rd Rvrhd 286-
Long Island Brain & Spine Surgery
240 Patchogue Yaphank Rd Ptchog 475-
Long Island Breast Imaging & Ultrasonography
227 Franklin Av Hewlett 374-
Long Island Brush Trucks Inc
Country Rd S Wsthmptn Bch 283-
Long Island Builders Inst
400 Corporate Plaza Isandia 435-

69 Businesses

ong Island Bldg Maintenance Plus Inc 1460 N Clinton Av Bay Shor 666-3081
ong Island Burlesque Call Smithtown TelNo-543-7563
ong Island Business Alliance Woodlawn Av St Jas 584-5888
ong Island Business Card The 18 Rosewood Rd Rky Pt 821-1196
ong Island Business Institute 2500 Jericho Trnpk Comac 499-7100
ong Island Business News Weekly 2150 Smithtown Av Rnknkma 737-1700
ong Island Cad Center 1011 Drew Ct Rnknkma 737-6560
ong Island Cad Center 30 Raynor Av Rnknkma 981-4580
Cafe 770 Sunrise Hwy W Babylon 669-9527
ong Island Cancer Society 543-7032
ong Island Cardiology Associates LLP 285 Sills Rd Ptchog 447-8300
FAX Number 447-8872
ong Island Cardiovascular Consultants— 100 W Main Babylon 422-1900
ong Island Cardiovascular Medical Associates— 1630 Deer Park Av Deer Pk 242-6166
ong Island Care At Home 117 S Country Rd Belport 286-8686
ong Island Care At Home 1975 Hempstead Tmpk East Meadow Blue Point TelNo-363-2273
ong Island Cares Inc Crooked Hill Rd Brntwd 435-1936
ong Island Cares Inc New Paths To Achievement & Mentoring Programs Crooked Hill Rd Brntwd 273-5331
ong Island Cares Inc-Regional Food Bank Crooked Hill Rd Brntwd 435-0450
ong Island Carpet Cleaner Inc 301 Norman Av Brooklyn Hempstead TelNo-483-6900
ong Island Carpet Connection 1069 Main Hlbrk 738-7900
ong Island Carpet Connection Inc 46798 Route 347 Prt Jfrsn Sta 474-7900
ong Island Carting And Demolition Inc 40 Corbin Av Bay Shor 242-8425
ong Island Catalytic 200-22 E 2 Hntgtn Sta 427-3850
ong Island Catholic The publctn— 99 N Village Av Rockville Centre— General Office 594-1000
Classified Advtng Dept 594-1212
ong Island Cauliflower Assn 139 Marcy Av Rvrhd 727-2212
ong Island Celebration 99 Inc 2701 Middle Country Rd Lk Grov 585-6505
Center For Audiology 5225 Route 347 Prt Jfrsn Sta 928-0085
ong Island Center For Business & Professional Women Inc 165 Pidgn Hill Rd Hntgtn Sta 673-0209
ong Island Center For Communication Disorders 400 Montauk Hwy Babylon 669-7098
Center For Communications Disorders 5225 Route 347 Prt Jfrsn Sta 928-0085
ong Island Center For Recovery Crisis Helpline 320 Montauk Hwy Hampton Bays Toll Free-Dial '1' & Then 800 344-5427
ong Island Center For Recovery Inc 320 Montauk Hwy Hmptn Bays 728-3100
ong Island Center For The Healing Arts 25 Seacliff Islip Ter 581-9523
ong Island Center For Weight Control 672 N Wellwood Av Lndnhrst 957-2200
ong Island Center Inc 11 Weston Hntgtn Sta 423-7660
ong Island Center Inc The 200 Boundary Av Maspqa 756-2588
ong Island Cesspool Co Inc 1 Watkins Terrace Amityville Deer Park TelNo-491-4300
ong Island Cesspool Co Inc 1 Watkins Terr Amtyvl 789-5329
ong Island Chamber Ensemble 39 Mar on Pl Hntgtn Sta 427-8239
ong Island Chapter Of The N Y State Archaeology Assoc 3ayvw Rd Sthold 765-5577
ong Island Charities Foundation Inc 125 Bayns Rd Melvl 249-6310
ong Island Child Care Svces Inc 10 Glenmere Ln Corm 331-9421
ong Island Chinese Alliance Church Trudy Deer Park Av Cr Wolf Hill Rd Dix Hls 271-6815
ong Island Chocolate Factory The 347 Fort Salonga Rd Nrthprt 754-4068
ong Island Christian Centre 243 2 Av Brntwd 436-5833
ong Island Church Of Christ 166 Whitetail Ln Cntrl Islip 348-7322
ong Island Clinical Laboratories A Division Of Medilabs Inc 1919 Middle Country Rd Cntrch 467-3153
ong Island Club Inc 310 Country Rd Estprt 325-0580
ong Island Club Woman Inc Route 109 Babylon 587-4400
ong Island Coalition For Life 1959 Deer Park Av Deer Pk 243-1435

Long Island Coffee Company Inc Cosdrew Ln E Hmptn 329-2608
Long Island Coffee Svce Corp 711-08 Koehler Av Rnknkma 585-3535
Long Island Comfort 466 Route 25A Mount Sinai Toll Free-Dial '1' & Then 800 675-3835

LONG ISLAND COMFORT CORP
466 Route 25A Mt Sinai 473-0590

Long Island Comics 672 Sunrise Hwy W Babylon 321-4822
Long Island Commercial Bank 400 W Main Babylon 587-0888
Long Island Commerical Bank 50 Route 111 Smithtown 979-0888
LONG ISLAND COMMERCIAL BANK 1 Suffolk Sq Islnda 348-0888
Long Island Commercial Review Inc 2150 Smithtown Av Rnknkma 737-1700
Long Island Commerical Bank 861 Montauk Hwy Shrly 395-8888
Long Island Communicating Svces 2150 Smithtown Av Rnknkma 737-1700
Long Island Communicating Svces 2150 Smithtown Av Rnknkma 737-1888
Long Island Communication Sound Systems Inc Toll Free-Dial '1' & Then 800 439-0511
Long Island Communications Inc 12 Glenwood Ln Hntgtn 351-8403
Long Island Community Advocate Coalition 88 2 Av Bay Shor 206-1125
Long Island Community Alliance 933 Little East Neck Rd W Babylon 661-3466
Long Island Community Day Care Center Inc 120 Heyward Brntwd 231-0535
Long Island Community Day Care Center Of Bay Shore 1396 Brentwood Rd Bay Shor 968-1812
Long Island Compost Corp 181 Frowen Rd E Mrich 878-0652
Long Island Compost Corp 181 Frowen Rd E Mrich 878-0662
Long Island Computer Assn 171C Eads West Babylon 293-8368
Long Island Concrete Construction Inc 68 Horseblock Rd Cntrch 981-1036
Long Island Concrete Pumping Inc 48 Trout Brook Ln Rvrhd 722-5296
Long Island Connect 540 Smith Frmgdl 755-9700
Long Island Contrctrs Assoc Inc 1600 New Hwy Frmgdl 420-2983
Long Island Convention & Visitors Bureau Inc 330 Vanderbilt Motor Pkwy Haupaug 951-3440
Long Island Copy Services Inc 27 Industrial Blvd Mdfrd 205-1100
Long Island Corporate League 15 Glendale Dr Melvl 423-2255
Long Island Corvette Supl 1445 Strong Av S Copiag 225-3000
Long Island Costumes & Balloons 410 Motor Pkwy Haupaug 434-8094
L I Council Of Alcoholism Inc 207 Hillside Av Williston Park 747-2606
Long Island Council Of Churches 235 Sweezey Av Rvrhd 727-2210
Long Island Council On Alcohol & Drug Dependence 619 Roanoke Av Rvrhd 369-4090
Long Island Council On Alcohol & Drug Dependence 800 Veterans Memorial Hwy Haupaug 979-1700
L I Country Club— Club House Old Country Rd Estprt 325-0580
Grounds Keeper Old Country Rd Estprt 325-9510
Long Island Country Music Assoc Inc 710 Silvertake Pt Baldwin 379-0320
Long Island Coverage Corp 140 Adams Av Haupaug 435-3200
Long Island Craftmaster Corp 5 Terri Dr Kngs Pk 544-5094
Long Island Credit Assn 119 Lakeville Rd New Hyde Park Toll Free-Dial '1' & Then 800 640-2711
Long Island Cremation Co Inc 91 Eads W Babylon 293-6664
Long Island Custom Car Care 149 Florida Frmgdl 753-2886
Long Island Custom Coach Work Ltd 57 E Carmans Rd Frmgdl 694-6071
Long Island Custom Stain Glass 580-3019
Long Island Cycle & Marine 251 Sunrise Hwy W Islip 321-8001
Long Island Cylinder Head Exch Inc 302 Neighborhood Rd Mstic Bch 281-0040
Long Island Dairy Corp 217 Sayville Blvd Sayvl 589-6876
Long Island Dance Co Ltd 1320 Stony Brook Rd Stny Brk 751-2195
Long Island Deli Kitchen 201 Terry Rd Smthtwn 724-4581
Long Island Depression Glass Soc 401 Avondale Dr Shrly 924-6133
Long Island Designs Inc 473-7775
Long Island Developmental Ctr 133 Carman Rd Melvl 425-3500
OMRDD 45 Mall Dr Comac 493-1700

Long Island Diabetes Assn 401 Broadhollow Rd Melvl 348-0400
Long Island Diagnostic Imaging 23 Technology Dr E Setukt 689-7300
Long Island Diagnostic Imaging 679 Whiskey Rd Rdg 744-0444
Long Island Diagnostic Imaging MD PC 205 Osborne Av Rvrhd 727-6025
Long Island Diagnostic Imaging MD PC 205 Osborne Av Rvrhd 727-6917
Long Island Diamond & Jewelry Exchange 600 Old Country Rd Garden City 228-8911
Long Island Diesel Service Inc 925-9 Lincoln Av Hlbrk 567-0228
Long Island Digestive Disease Consultants PC 3400 Nesconset Hwy E Setukt 751-8700
Long Island Discount Tree Svc Center Moriches Bayport TelNo-472-0901
Long Island Dockboard Svce 82 Atlantic Av E Mrich 878-2311
Long Island Dockside Imports 585 Main Islip 859-0900
Long Island Doll Hospital 45395 Main Rd Sthold 765-2379
Long Island Drafting & Technical Institute 128 Bway Amtyvl 691-8733
Long Island Dragway Old Country Rd Wsthmptn 288-1555
Long Island Draperies 35 Hastings Dr Ridge Toll Free-Dial '1' & Then 800 833-8393
Long Island Draperies Inc 35 Hastings Dr Rdg 209-0246
Long Island Dreamscapes 102 Main Kngs Pk 269-6845
Long Island Drive Shaft Corp 1566 Montauk Hwy Belport 286-2299
Long Island Drum Center 285 Commack Rd Comac 499-0455
Long Island Drum Center 1460 Old Country Rd Plainvw 694-5432
Long Island Drum Center 2690 Route 112 Mdfrd 758-6868
Long Island Ducks Professional Baseball 1670 Old Country Rd Plainvw 756-4625
Long Island Duct Clng Co Inc 30-2 Raynor Av Rnknkma 737-6710
Long Island Duct Systems 120 Schmitt Blvd Frmgdl 454-7650
Long Island Dunhill Staffing Systems 6175 Sunrise Hwy Massapequa 797-1000
Long Island Eagle Tavern 94 N Clinton Av Bay Shor 968-2750
Long Island East Inc printers 533 County Road 39 Sthmptn 283-1200
Long Island Educational Center Inc 2387 New York Av Hntgtn 424-8686
Long Island Electrical Inspections 670 Middle Country Rd St Jas 265-3075
Long Island Electrolysis & Permanent Make-Up 27 Beaumont Dr Melvl 491-7464
Long Island Electronic Supl Corp 1520 Sunrise Hwy Bay Shor 666-7360
Long Island Employee Benefits Group Ltd 325 Wireless Blvd Haupaug 273-9220
Long Island Engine Installation Co 188 Long Island Av Wyandanch Toll Free-Dial '1' & Then 800 427-7373
Long Island ENT Associates PC 200 W Carver Hntgtn 421-8470
Long Island Environmental Assessment Inc 225 Atlantic Av Ptchog 447-6400
Long Island Equestrian Center At Southaven Inc 175 Gerard Rd Yphnk 345-2449
Long Island Equestrian Inst East Northport 266-3456
Long Island Equine Medical Center 300 W Hills Rd Hntgtn Sta 427-2213
Long Island Express Wash 760 Jericho Trnpk Woodbury Huntington TelNo-271-3030
Long Island Exteriors 825 Long Island Av Deer Pk 586-0200
Long Island Exterminating Co 64 Barry Ln E Old Bthpg 271-9811
Long Island Extinguisher Svce 448 Michigan Av Ronkonkoma Brentwood TelNo-435-1002
Long Island Eye Physicians And Surgeons PC 251 E Oakland Av Prt Jfrsn 473-5329
Long Island Eye Physicians & Surgeons PC 251 E Oakland Av Prt Jfrsn 473-5329
Long Island Eye Surgery Center 153 Main Sayvl 563-2206
Long Island Eye Surgery Center 11 Prospect Hntgtn 549-2020

LONG ISLAND EYE SURGERY CENTER
601 Suffolk Av Brntwd 231-4455

Long Island Fall Festival Huntington Chamber Of Commerce 151 W Carver Hntgtn 351-1910

Long Island Family & Divorce Mediation Center Inc 260 Montauk Hwy Bay Shor 968-4500
Long Island Family Enhancement 238 Long Neck Blvd Rvrhd 727-6189
Long Island Family Medical Group PC 631 Lake Av St Jas 862-6060
Long Island Family Medical Group PC 160 Middle Rd Sayvl 589-4747
Long Island Family Medical Group PC 765 Route 25A Mill Pl 821-0505
Long Island Farm Bur Inc 104 Edwards Av Chrtn 727-3777
Long Island FCU Pilgrm Stat Hosp Grnds Brntwd 434-6669
Long Island Feather Enthusiasts Holbrook Commack TelNo-462-5433
Long Island Feathers Edgar Av Aquebog 722-3729
Long Island Fence Co Inc 55A Alder W Babylon 752-0023
Long Island Ferret Assoc 2554 Middle Country Rd Cntrch 585-8033
Long Island Fertility & Endocrinology/I V F Assoc PC 625 Belle Terre Rd Prt Jfrsn 331-7575
Long Island Fertility & Endocrinology/IVF Assoc PC 510 Broadhollow Rd Melvl 752-0606
Long Island Fiberglass Swimming Pools Inc 12 Antioch Dr Shorhm 209-0529
Long Island Film & TV Foundation Inc 305 N Service Rd Dix Hls 421-0855
L I Financial Group Ltd 20 Broadhollow Rd Melvl 427-0396
Long Island Fire Apparatus LLC 1026 E Jericho Trnpk Hntgtn Sta 427-6276
Long Island Fire Preventn 594 Oak Copiag 842-6354
LONG ISLAND FIRE PREVENTION 123 47 Lndnhrst 225-7700
Long Island Fire Restorations 22 Washington Av Brntwd 273-5625
Long Island Fire Safety Educational Svces 1707 Central Blvd Bay Shor 434-3568
LI Fire Sprinkler Corp 27 Woodward Pkwy Frmgdl 694-6015
Long Island Flag Football League 229 Cimarron Ct Amtyvl 842-6023
Long Island Flags 20 Barnwell Ln Stny Brk 941-2829
Long Island Floor Sanding 24 Highfld Dr Dix Hls 421-4269
Long Island Florist & Gift Svce Toll Free-Dial '1' & Then 800 542-7363
Long Island Flower Garden & Florist 470 S Country Rd E Ptchog 475-0494
Long Island Folding Box Co Inc 40 Burt Dr Deer Pk 243-0022
Long Island Football League 207 N 1 Bethpage 822-6312
Long Island Fork Truck Svces 195 Main Cntr Mrich 874-2400
Long Island Forum For Technology Melville Rd Frmgdl 755-3321
Long Island Fountain & Aerator Supply 10-2 Drew Ct Rnknkma 467-5115
L I Reliable Fuel Inc 88 E Hoffman Av Lndnhrst 956-1201
Long Island Funeral Service 42 2 Av Bay Shore Toll Free-Dial '1' & Then 888 543-8678
Long Island Funeral Service Inc 42 2 Av Bay Shor 666-7238
Long Island Furniture Co 715 Sunrise Hwy Babylon Toll Free-Dial '1' & Then 800 903-2729
Long Island Furniture Co 715 Sunrise Hwy Babylon 661-2729
LONG ISLAND GAME FARM WILD LIFE PARK Chapman Blvd Manvl 878-6644
LI Garage Door Co Inc 186 Blydnbrg Rd Cntrl Islip 234-3667
Long Island Gay & Lesbian Youth Inc 32 W Main Bay Shor 665-2300
Long Island Gay & Lesbian Youth Inc 32 W Main Bay Shor 665-2920
Long Island Glass 11 Sylvstr Wstbry 737-3189
Long Island Glass & Mirror Inc 185 Glen Cove Av Sea Cliff 676-0010
Long Island Global Inc 380 Town Line Rd Haupaug 724-5500
Long Island Gold And Diamond Exch 248 Middle Country Rd Corm 736-9599
Long Island Golf Co Ltd 886 Jericho Trnpk Smthtwn 543-2525
Long Island Golf Course Superintendent's Assoc PO Box 1076 Estprt 325-9086
Long Island Golf Repair 185 Waverly Av Ptchog 758-8030
Long Island Grapevines Inc 400 Jacobs Ln Sthold 765-5838
Long Island Grapevines Inc 2745 Peconic Ln Pecnc 765-4184
Long Island Green Inc Roses Grove Rd Sthmptn 283-8075
Long Island Greenbelt Trail Conference Inc Blydenburg Pk Smthtwn 360-0753
Long Island Gutters 1016 Grand Blvd Deer Pk 243-4455

LONG ISLAND GYMNEST INC
27A Industrial Blvd Mdfrd 924-9422

Long Island Gymnastic Equipment Co 266 Fire Island Av Babylon 587-9511
Long Island Hand Rehabilitation Center 290 E Main Smthtwn 361-3325
Long Island Hardware 3606 Vetrns Memrl Hwy Bohma 467-1316
Long Island Head Injury Association Inc— Administrative Offices 65 Austin Blvd Comac 543-2245
Clubhouse 65 Austin Blvd Comac 543-2263
Long Island Head Start Central Administration 98 Austin Ptchog 758-5200
Long Island Health Connection 90 Adams Av Haupaug 436-9065
Long Island Health Partners 399 County Line Rd Amtyvl 264-0222
Long Island Health Plans 157 Woodlot Rd Rdg 821-6391
Long Island Health Svces 200 Boundary Av Maspqa 694-2424
Long Island Health Svces 10 Brentwood Rd Bay Shor 968-7700
Long Island Hearing Aid Svce Center 2297 Middle Country Rd Cntrch 585-1212
Long Island Hearing Inc 3475 Hempstead Tmpk Levittown Toll Free-Dial '1' & Then 800 698-5200
Long Island Heating & Air Conditioning 341A N Virginia Av Maspqa 293-8393
Long Island Heating & Air Conditioning Co 341A N Virginia Av Maspqa 293-8393
Long Island Heritage Main Jmsprt 722-4905
Long Island High Technology Incubator 25 E Loop Rd Stny Brk 444-8800
Long Island Hispanic Chamber Of Commerce 321 Dante Ct Hlbrk 467-5146
Long Island Home Center 286 Route 109 Frmgdl 753-3060
Long Island Home Development Corp 3 Ground Pine Ct Hntgtn Sta 424-7420
LI Home Equip Co 715 Sunrise Hwy Babylon 661-2729
Long Island Home Improvements 1016 Grand Blvd Deer Pk 667-0077
Long Island Home Inspection Consultants Corp 90 Plant Av Haupaug 273-9524
Long Island Home Inspection Consultants Corp 90 Plant Av Hauppauge Call Huntington Station TelNo-421-1992
Long Island Home Inspection Consultants Corp 90 Plant Av Hauppauge Toll Free-Dial '1' & Then 800 553-1843
Long Island Home The See South Oaks Hospital
Long Island Homes & Estates 1354 Pennsylvania Av Brooklyn King Park TelNo-544-6637
Long Island Honda 251 Sunrise Hwy W Islip 321-8001
Long Island Honing Co 102 Keyland Ct Bohma 563-8514
Long Island Hope/Aestics 515 Islip Av Islip 581-6116
Long Island Horsemen's Society Inc 1378 W Main Rvrhd 727-1278
Long Island Horticultural Research Laboratory Sound Av Rvrhd 727-3595
Shop Sound Av Rvrhd 727-1640
Long Island Hot Tubs Inc Moriches 878-0500
Long Island Housing Partnership Inc 180 Oser Av Haupaug 435-4710
Long Island Housing Partnership Inc 180 Oser Av Hauppauge Toll Free-Dial '1' & Then 800 528-8683

LONG ISLAND HOUSING SVCES INC
1747-42A Veterans Memorial Hwy
Islnda 582-2727

Long Island Humane & Dog Protective Assn Inc 2 Rider Pl Freeport 378-4340
Long Island Hwa Rang Do Inc 3240 Sunrise Hwy E Islip 224-4590
Long Island Ice & Fuel Corp 656 W Main Rvrhd 727-3010
Long Island ICNS 900 Blueridge Dr Mdfrd 696-6640
LI Ileostomy Assn 7 Stuart Ct Hntgtn Sta 692-8441
Long Island Imaging Specialists 40 Burt Dr Deer Pk 242-6455
Long Island In Vitro Fertilization 625 Belle Terre Rd Prt Jfrsn 331-7575
Long Island Indicator Svce Inc 14 Sarah Dr Haupaug 265-9357

247 Businesses

Long Island Indicator Sv Svce
14 Saran Dr Hauppauge
Toll Free-Dial '1' & Then.. 888 324-6700
Long Island Inflatables
175 N Country Rd Mt Sinai 476-4560
Long Island Institute Of Psychoanalysis
nassau county medical center
2201 Hempstead Trnpk East Meadow.. 572-6006
Long Island Interiors
14 Lawrence Av Smthtwn 361-9180
Long Island Internet Hdqters
506 Walt Whitman Rd Melvl 549-2165
Long Island Irrigation Supl Corp
10-2 Drew Ct Rnknkma 467-5115
Long Island Jet Center
90 Arrival Av Rnknkma 588-0303
Long Island Jet Center
Suffolk County Airpt Wsthmptn Bch 288-8424
Long Island Jet Center Inc
Suffolk County Airpt Wsthmptn Bch 288-9866
Long Island Jewish World
115 Middle Neck Rd Great Neck 829-4000
Long Island Junior Bowlers Assn Inc
11 Park Av Bay Shor 665-5239
Long Island Junior Soccer League Inc 1425 Old Country Rd Plainvw 756-9696
Long Island Kawasaki
251 Sunrise Hwy W Islip 321-8001

LONG ISLAND KAWASAKI-YAMAHA
67 N Bway Hicksville 935-6969

Long Island Kenworth Inc
3180 N Horseblock Rd Mdfrd 475-4559
Long Island Kitchens Inc
107A Sound Av Rvrhd 722-4600
Long Island Korean United Methodist Church
484 Townline Rd Comac 499-1260
Long Island Kosher Fish
1454 Peters Blvd Bay Shor 666-1978
Long Island Label Inc
1585A Smithtown Av Bohmia 244-0609
Long Island Laminates Inc
35 Engineers Rd Haupaug 234-6969
Long Island Leather & Findings
29 Fisk Rd Httsvl 475-0750
Long Island Liberty Glass
105 Portion Dr Rnknkma 737-3189
Long Island Library Resources
Nichols Rd Stny Brk 751-5709
Long Island Library Resources Council
SUNY At Stoney Brook Stny Brk 632-6650
Long Island Life Assoc Ltd
148 E Main Hntgtn 673-3663
Long Island Limousine & Bus Svce
25 Newton Pl Haupaug 234-0223
Long Island Limousine Service Corp
25 Newton Pl Haupaug 234-8400
Long Island Linen Supply Inc
5 Maryanne Ct Hntgtn 271-9771
Long Island Liquid Waste Association 400 Route 25A
Saint James Smithtown TelNo-724-9288
Long Island Lung Center
370 E Main Bay Shor 666-5864
Long Island M R I 369 E Main E Islip 277-1600
Long Island Mac Arthur Airport—
U S Air
Toll Free-Dial '1' & Then 800 428-4322
Long Island Mac Arthur Airport
100 Arrival Av Rnknkma 467-3210
Long Island Maintenance apnc parts
1949 New York Av Hntgtn Sta 549-0065
Long Island Maintnce Co apnc reprs
22 Eckert Hntgtn 271-2805
Long Island Management
17 W Main Smthtwn 360-2677
Long Island Marine Co Inc
130 E Jericho Trnpk Hntgtn 351-1088
Long Island Marine Contracting Corp Bay Shore 969-9626
Long Island Marine Surveyor Co Inc
40 Em Sayvl 589-6154
Long Island Maritime Museum
36 West Av
West Sayville Patchogue TelNo-447-8679
Long Island Marketing Concepts & Technology Inc
45 Blue Point Rd Seldn 732-5137
Long Island Martial Arts
656 N Wenwood Av Lndnhrst 225-5326
Long Island Martial Arts & Sports Depot 235 Union Blvd W Islip 893-4243
Long Island Massage Therapy
7 Arleys Av E Islp 581-2298
Long Island Mechanical Corp
Converted Industrial Pk St Jas 584-3800
Long Island Mechanical Of N Y Inc
869 Sylvan Av Bayprt 419-1000
Long Island Mechanical Sales Corp
37 Harbor Dr Comm 696-8482
Long Island Medical Assoc Inc
393 Sunrise Hwy W Babyln 422-7200
Long Island Medical Care Svces PC
286 Sunrise Hwy N Babyln 587-6060
Long Island Medical Diagnostic Imaging 369 E Main E Islip 277-1600
Long Island Medical Imaging PC
1161 Montauk Hwy W Islip 669-1717
Long Island Medical Manufacturers
90 Garfield Av Amtyvl 226-4868
Long Island Message Centers Inc
780 Sunrise Hwy W Babyln 669-3600
Long Island Message-On-Hold
Syosset Nassau TelNo-921-6131
Long Island Metalform Inc
12 Lucon Dr Deer Pk 586-4660
Long Island Mica & Cabinet Bldg Supls 6225 Jericho Trnpk Comac 499-8595
Long Island Mica & Cabinet Bldg Supls 2410 Middle Country Rd Cntrch 588-8535
Long Island Mica & Cabinet Bldg Supplies 4769 Sunrise Hwy Bohmia 567-6030
Long Island Mica And Cabinet Bldg Supls 4769 Sunrise Hwy Bohmia 567-9878
Long Island Mica & Cabinet Bldg Supls 69 E Sunrise Hwy Lndnhrst 888-7664
Long Island Midwifery Svce Inc
500 Broadhollow Rd Melvl 777-2766
Long Island Midwifery Svce Inc
1500 Main
Port Jefferson Huntington TelNo-423-8871
Long Island Minority Aids Coalition Inc 1045 Route 109 Lndnhrst 225-5500
Long Island Mobile Home Leasing Corp 9 Amsterdam Av Mdfrd 475-5100
Long Island Mobile Veterinary Clinic
227 Union Av Hlbrk 467-2121
Long Island Monogramming & Lettering 8 Newtown Plz Plainvw 293-3245
Long Island Mortgage Resources
17 E Carver Hntgtn 673-5936
Long Island Moving & Storage Assn
7120 N Bayview Rd Sthold 765-6097
Long Island Moving & Storage Inc
108 Newtown Rd
Plainview Riverhead TelNo-727-0200
Long Island Moving & Storage Inc
108 Newtown Rd Plainvw 753-1100
Long Island N Y Area Postal Union A P W U 300 Eastern Pkwy Frmgdl 694-2798
Long Island Nail Institute
3601 Hempstead Trnpk Levitwn 520-4800
Long Island Nails
693 Route 112 Ptchog 207-0498
LI Natl Cemtry Pinelawn Frmgd 454-4949
Long Island/National Employee Asst Providers Inc
111 Smithtown By Pass Smthtwn 979-9010
Long Island National Golf Club
1793 Northville Turnpike Rivrsde 727-4653
Long Island Neurology PC
370 E Main Bay Shor 666-4767
Long Island Neuromuscular Center
700 New York Av Hntgtn 547-8200
L I Ninjutsu Center
235 Union Blvd W Islip 321-5432
Long Island Nurserymens Assn
PO Box 528 Frmgdl 454-4503
Long Island Nursing Registry Inc
33 Walt Whitman Rd Huntington Station
Toll Free-Dial '1' & Then 800 640-3370
Long Island Occupational & Environmental Health Center
625 Belle Terre Rd Prt Jfrsn 476-2719

LONG ISLAND OFFICE EQUIPMENT INC
148-2 Remngtn Blvd
Rnknkma 737-8000

Long Island Office Supply Inc
360 Central Av Bohmia 244-9400
Long Island Office Supply Inc
360 Central Av Bohemia
Toll Free-Dial '1' & Then 800 421-2992
Long Island Offset 735 Calebs Path
Hauppauge Holbrook TelNo-471-8300
Long Island Offset 503 Lake Av St Jas 862-9600
Long Island On Line Svces Inc
380 Town Line Rd Hauppauge
Toll Free-Dial '1' & Then 800 311-5454
LONG ISLAND OPHTHALMIC SERVICE INC
14 Center Ct Cntr Mrich 874-2525
Long Island Organic Tree & Lawn Care 2 Maynard Dr Frmgdl 777-8733
Long Island Orthodontics PC
150 Broadhollow Rd Melvl 271-8666
Long Island Orthopedic Group PC
125 Franklin Av Valley Stream 825-7000
Long Island Orthotics
218 E Main Ptchog 758-4809
Long Island Outdoor Furniture
refinishing & repairs
1371-8 Church Bohmia 563-8107
Long Island Overhead Garage Door Svce 4940 Rutherford Rd
Virginia Beach VA
Call Southampton TelNo-204-1034
Long Island Overhead Garage Door Svce 4940 Rutherford Rd
Virginia Beach VA
Call Brookhaven TelNo-286-7760
Long Island Overhead Garage Door Svce 4940 Rutherford Rd
Virginia Beach VA Huntington TelNo-421-6807
Long Island Overhead Garage Door Svce 4940 Rutherford Rd
Virginia Beach VA Islip TelNo-859-8586
Long Island Pain Managmnt
5225 Nesconset Hwy Prt Jfrsn Sta 474-2300
Long Island Pain & Stress Center
631 Montauk Hwy W Islip 669-1166
Long Island Pain & Stress Center Headquarters 186 Montauk Hwy
Hampton Bays West Islip TelNo-587-1042
Long Island Paneling Ceilings & Floors 6225 Jericho Trnpk Comac 499-8595
Long Island Paneling Ceilings & Floors 2410 Middle Country Rd Cntrch 588-8535
Long Island Paneling Ceilings & Floors 4769 Sunrise Hwy Bohmia 567-6030
Long Island Paneling Ceilings & Floors 69 E Sunrise Hwy Lndnhrst 888-7664
L I Paramount Party Productions
500 N Broadway Jericho 932-2263
Long Island Parrot Society
149-36 85
Howard Beach Lindenhurst TelNo-957-1100
Long Island Party Rentals
670 Montauk Hwy Watr Ml 726-5477
Long Island Pathology
Toll Free-Dial '1' & Then 888 503-8000
Long Island Perennial Farm The
Reeves Av Rvrhd 727-0009
Long Island Performing Arts Center
752 N Wellwood Av Lndnhrst 225-6084
Long Island Permit Svce
5018 Expressway Dr S Rnknkma 585-3750
Long Island Pest Control Assn Inc
1052 William Floyd Pkwy Shrly 399-4541
Long Island Pest Control Co
56 Kellogg
Oyster Bay Ronkonkoma TelNo-737-8266
Long Island Pest Control Co
1922 New York Av Hntgtn Sta 271-9811
Long Island Pest Control Co
50 Werman Ct Plainvw 420-4738
L I Petting Zoo
184A Wading River Rd Mnrvl 878-1785
Long Island Philharmonic
1 Huntington Quad Melville—
Administration 293-2223
Box Office 293-2222
Long Island Physical Medicine PC
2780 Middle Country Rd Lk Grov 580-1000
Long Island Physical Therapy Svces PC 1 Marcy Ct E Setukt 689-1678
Long Island Physicians Corp
275 Broadhollow Rd Melvl 454-1900
Long Island Pine Barrens Society
315 E Main Rvrhd 369-3300
Long Island Plumbing Dstrbtrs Inc
1436 Middle Country Rd Cntrch 732-7900
Long Island Plumbing & Heating
31 Snowberry Ln Islnda 582-6099
Long Island Podo-Pediatric Center
308 Main Frmgd 420-4031
Long Island Pool Scapes
2 Avalon Ct Rnknkma 698-8873
Long Island Portugese American Club 17 3 Av Brntwd 273-3368
Long Island Power Computers Inc
110 Lake Av S Nscnst 979-8400
Long Island Power Equipt East Inc
135 Milbar Blvd Frmgd 293-0777
Long Island Power Equipt
Huntington 235 Bway Grnlwn 261-2131
LONG ISLAND POWER EQUIPT ST JAMES INC
Lawn Mower Sales & Service
665 Jericho Trnpk St Jas 265-4525
Long Island Precast Inc
20 Stinz Rd Brktwn 286-0240
Long Island Prep Services Corp
408 10 Av E Nrthprt 754-7572
Long Island Pride Publshng 586-4700
Long Island Private Ride Inc
753A Long Island Av Deer Pk 586-5588
Long Island Private Ride Inc
753A Long Island Av
Deer Park Northport TelNo-754-2291
Long Island Professional Tractor Trailer School 600 Patton Av
West Babylon Lindenhurst TelNo-888-6509
Long Island Profiles Publshng Co
PO Box 9000 Britwtrs 968-8833
Long Island Promotion Group
2686 Hempstead Trnpk Levitwn 520-8083
Long Island Propellers
1509 Rocky Point Rd Mid Isl 345-6295
Long Island Protection Agency
80 Wading River Rd Center Moriches
Toll Free-Dial '1' & Then 800 714-7233
Long Island Psychological Assoc PC
368 Veterans Memorial Hwy Comac 864-5209
Long Island R & R Rigging Inc
7 Corbin Av Bay Shor 667-6553
Long Island Radiant Heat
19 Woodmere Dr Mstic Bch 281-8170
Long Island Rail Road—
Schedule & Fare Information—
Nassau 822-5477
New York City & Queens
93-59 183 Hols 718 217-5477
Suffolk 93-59 183 Hols 231-5477
TDD Hearing Impaired 718 558-3022
General Offices Sutphin Blvd Jamaica—
Central Suffolk
Call Brentwood TelNo-273-0600
Nassau 733-3900
New York 718 558-7400
Suffolk 376-1900
Freight Services 718 784-6611
Lost & Found 212 643-5228
Mail & Ride—
Nassau
Toll Free-Dial '1' & Then 800 649-6969
New York City 718 657-6464
New York City
Toll Free-Dial '1' & Then 800 649-6969
Suffolk
Toll Free-Dial '1' & Then 800 649-6969
Parlor Car Reservations 718 558-8070
Passenger Stations—
Pinelawn 420-0778
Public Affairs & Complaints 718 558-3377
Tours & Group Sales 718 558-7498
Long Island Real Estate Training 462-1543
Long Island Reflexology Center
14 E Broadway Prt Jfrsn 474-3137
Long Island Regional Advisory Council On Higher Education
SUNY At Stony Brook Stny Brk 632-6586
Long Island Registered Nurses PC
99 Tulip Av Floral Park 352-1294
Long Island Rehabilitation Svcs
814 Fulton Frmgd 753-0070
Long Island Rental
152 W Jericho Trnpk Hntgtn Sta 423-3020
Long Island Research Inst
110 Lake Av S Nscnst 361-6800
Long Island Residential & Commercial Real Estate Co
939 Montauk Hwy W Islip 669-1100
Long Island Responds
94 Medford Av Ptchog 687-5555
Long Island Responds Fund Raising Office 1723 Middle Country Rd Cntrch 585-5834
Long Island Restrnt Tours
98 Lakebridge Drive N Kngs Pk 269-5150
Long Island Restoration Svces Inc
135 W Islip Rd W Islip 669-1177
Long Island Rock Rehearsal
1 Clocks Blvd Maspqa 691-7625
Long Island Rod & Cycle
242 Route 112 Ptchog 289-8140
Long Island Rough Riders
1670 Old Country Rd Plainvw 756-4625
Long Island Rubbish Removal Eastern Corp 441 St James
Holbrook Bohemia TelNo-563-6600
Long Island Rubbish Removal Eastern Corp 441 St James
Holbrook Bohemia TelNo-563-8873
Long Island Rubbish Removal Eastern Corp 441 St James Hlbrk 588-5151
Long Island Sales Force
140 Gary Way Rnknkma 738-6802
Long Island Sales & Mktng Executives Huntington Station 549-9700
Long Island Salon Svces Inc
4097 E Jericho Trnpk E Nrthprt 462-0527
Long Island Salon Services Inc
178 W Main Ptchog 475-2320
Long Island Savings Bank FSB The—
Nassau Branches—
Syosset 50 Jackson Av 694-9010
Suffolk Branches—
Babylon 180 W Main 694-9010
Bay Shore 300 E Main 694-9010
Coram 269 Middle Country Rd 694-9010
East Islip 180 E Main 694-9010
Farmingdale 696 Horseblock Rd 694-9010
Hauppauge 845 Wheeler Rd 694-9010
Huntington—
Jericho Trnpk & Park Av 549-1321
Huntington Jericho Turnpike & Park Av 694-9010
Huntington 839-140 New York Av
Call 694-9010
Medford 718 Route 112 694-9010
Middle Island 598 Middle Country Rd 694-9010
Oakdale 1336 Montauk Hwy 567-1177
Oakdale
1336 Montauk Hwy Oakdale 694-9010
Port Jefferson
450 Port Jefferson Shopping Plz
Port Jefferson 694-9010
Rocky Point 325 Route 25a 694-9010
Shirley 999 Montauk Hwy 694-9010
Southampton 65 Nugent 694-9010
Stony Brook 1047 Route 25a 694-9010
Wading River 6348 Route 25a 694-9010
West Islip 526 Union Rd 694-9010
Westhampton Beaches
71 Sunset Av
Westhampton Beach 694-9010
Long Island School For The Gifted
165 Pidgeon Hill Rd Hntgtn Sta 423-3557
Long Island Scientific Svce Corp
3 Enterprise Dr E Setukt 928-3316
Long Island Scientific Svce Corp
3 Enterprise Dr E Setukt 928-3385
Long Island Screen Printing 878-5864
Long Island Screw & Tool Corp
80-4 Knickrbckr Av Bohmia 567-9191
Long Island Self-Help Clearing House 268 Wheatley Rd Old Westbury 626-1721
Long Island Self-Help Clearing House 268 Wheatley Rd Old Westbury
Toll Free-Dial '1' & Then 888 735-3457
Long Island Servcng Corp
554 Islip Av Islip 277-2300
Long Island Svce Co
369 E Main E Islip 277-2726
Long Island Sewer And Drain Service Inc
14 Dock Dr Freeport Babylon TelNo-669-3221
Long Island Shade & Blinds
1285 Route 58 Rvrhd 727-1468
Long Island Shade & Blinds
1285 Route 58 Rvrhd 727-2268
Long Island Shares
15 Fowler Ln Mt Sinai 331-4408
Long Island Sheds & Gazebos
1685 Route 58 Rvrhd 727-6900
Long Island Shell Inc
Ronkonkma Av Cr Expressway Dr S
Rnknkma 981-4113
Long Island Shooting Center Ltd
130 Freeman Av Islip 665-7011
Long Island Single Sailors Assn
167 Bayview Av Nrthprt 262-7245
Long Island Sleep Associates
989 Jericho Trnpk Smthtwn 864-7100
Long Island Sober Home Assn
14 Manhattan Blvd Islip Ter 277-6110
Long Island Soccer Referees Assoc
1425 Old Country Rd Plainvw 756-0012
Long Island Sod Farm
101 Wells Rd Nrthprt 757-1705
Long Island Soda Systems Inc
1121 Lincoln Av Bohmia 589-2415
Fax 1121 Lincoln Av Bohmia 567-8838
Long Island Sound
compact discs & tapes—
76 Jobs Ln Sthmptn 283-6683
34 Main E Hmptn 324-2660
Long Island Sound D J's
1717 Veterans Memorial Hwy
Central Islip
Toll Free-Dial '1' & Then 800 427-6863
Long Island Sound DJ's
1717 Veterans Memorial Hwy
Cntrl Islip 231-9093
Long Island Sound Junior Drum & Bugle Corps 780 Sunrise Hwy
West Babylon Huntington TelNo-547-6863
Long Island Sound & Security
258 Chestnut Prt Jfrsn Sta 476-1255
Long Island Sound Technologies
34 Cleveland Av Bay Shor 254-9100
Long Island Speech-Language-Hearing Assn
176 Little East Neck Rd S Babyln 893-8986
Long Island Speech Pathology Svces 71 Alexndr Av Frmgd
Long Island Spine Specialists PC
2171 Jericho Trnpk Comac
Long Island Sports & Fitness Clubs
225 Howells Rd Bay Shore
Toll Free-Dial '1' & Then 800
Long Island Sports & Rehabilitation
265 E Main E Islip
Long Island Sports & Rehabilitation Cntr 4250 Vtrns Memrl Hwy Hlbrk
Long Island Spring Works
140 Elk Wyndnch
L I State Pk & Recreation Comm—
Main Office
Belmont Lake State Park Babyln
Park Police Headquarters-Babylon
State Parks—
Bayard Cutting Arboretum-Oakdale—
Park Office
Belmont Lake State Park-Babylon—
Park Office
Bethpage State Park-Farmingdale—
Park Office
Golf And Sports Information
Caleb Smith State Pk Smithtown—
Park Ofc
Captree State Park-Babylon—
Park Office
Caumsett State Park-Lloyds Harbor—
Park Office
Connetquot River State Park-Oakdale—
Park Office Oakdale
Heckscher State Park-East Islip—
Park Office
Camping Office
Hempstead Lake State Park-Hempstead—
Park Office
Hither Hills State Park-Montauk—
Camping Reservations
Park Office
Camping Office
Jones Beach State Park-Wantagh—
Park Office
Food Concessionaire
Jones Beach Theatre-Wantagh—
Box Office
Montauk Downs Montauk—
Park Office
S Fairview Av Montuk
Montauk Point State Park-Montauk—
Park Office Montauk
Nissequogue River State Park-Smithtown—
Park Office
Orient Beach State Park-Orient—
Park Office
Planting Fields Arboretum-Oyster Bay—
Park Office
Arboretum Center
Robert Moses State Park-Babylon—
Park Office
Sunken Meadow State Park Kings Park—
Park Office
Valley Stream State Park-Valley Stream—
Park Office
Walt Whitman Birthplace
246 Walt Whitman Rd Hntgtn Sta 427-
Wildwood State Park-Wading River—
Park Office 929-
Camping Office 929-
Long Island State Veterans Home
100 Patriots Rd Stny Brk 444-
LONG ISLAND STATUARY
5449 Sunrise Hwy Hlbrk 589-
Long Island Street Rod Assoc
21 Berger Av
East Moriches Levittown TelNo-520
Long Island Stucco
244 Hawkins Av Rnknkma 580
Long Island Supls Corp
76-11 88 Ridgewood Nassau TelNo-437
LONG ISLAND SURGICAL CARE PC 251 E Oakland Av Prt Jfrsn 473-
Long Island Surgicenter
1895 Walt Whitman Rd Melvl 293
Long Island Surveying Equipment Svce Inc Bayport 472
Long Island Swim Academy
3800 Veterans Memorial Hwy Bohmia 580
Long Island Swimming Pool
40 Oser Av Haupaug 981
Long Island Swimming Pool Svce Inc 30 Remington Blvd Ronkonkoma
Toll Free-Dial '1' & Then 800 897
Long Island System Users Group
681 N Allegheny Av Lndnhrst 95
Long Island Tax & Accounting Service 311 Hyman Av W Islip 66
Long Island Tax Grievance Inc
1685 Middle Country Rd Cntrch 69
Long Island Tax Savers
1355K Montauk Hwy Mstic 39
Long Island Taxi & Transportation Operators
3130 Hempstead Trnpk Levitwn 52
Long Island Taxi & Transportation Operators Inc
755 Long Island Av Deer Pk 25
Long Island Technical Svces
35 Stoneywell Ct Dix Hls 49
Long Island Technical Svces Inc
Flowr Fld Indstrl Pk St Jas 86
Long Island Technical Support
90 Barretts Av Httsvl 75

227 Separate Businesses

..g Island Technology Showroom
..5 Westwood Ave Lndnhrst 225-6504
Teen Challenge
..Old Farmingdale Rd W Babyln 321-7070
..g Island Telephone Inc Oakdale 563-2372
..ennis Club 100 Bway Hntgtn Sta 421-0040
..g Island Tennis Time
..0 Abrahams Path Amgnst 267-1039
..g Island Testing
..05 15 Av College Point 718 445-8300
..g Island Testing Labs Inc
..A Wyandanch Av N Babyln 643-6792
..g Island Tiger Shark
..Sunrse Hwy W Islip 321-8001
..g Island Tile & Marble
..Merrick Rd Amtyvl 264-8453
..g Island Time Clock Co
Commack TelNo-543-0430
..NG ISLAND TIRE SVCE
..W Pulaski Rd Hntgtn Sta **427-0367**
..g Island Title Agency
..Center Dr Rvrhd 722-9634
..g Island Tool & Die Inc
..45 Strong Av S Copiag 225-0600
..g Island Tooling Inc
..Jon Dr Plainvw 293-6534
..g Island Towncar Airport Svce
..St James Hlbrk 738-0200
..g Island Towncar Airport Svce
..St James Holbrook
Toll Free-Dial '1' & Then 877 586-4949
..g Island Traditional Music Assoc
..Montauk Hwy W Sayvl 589-2055
..raditional Tae Kwon Do Center
..141 E Main Smthtwn 979-6876
..g Island Transmission Co Inc
..0 Route 111 Haupaug 582-9194
..g Island Transmission Co Inc
..5 Smith
..mingdale Hauppauge TelNo-582-9192
..g Island Transmissions Co Inc
..5 Smith Frmgdl 454-9000
..g Island Transportation
..Management Inc
..55 Ocean Av Rnknkma 737-2277
..g Island Travel Pros Inc
..0 Central Av Bohmia 589-9300
..g Island Traveler Watchman
..r Sthold 765-3425
..g Island Traveler-Watchman
..ation 1060 Braveler
..hold Riverhead TelNo-727-1992
..g Island Truck Parts Inc
..Main Rd Rvrhd 369-5600
..g Island Truck Parts Inc
..5 Sunrise Hwy W Babyln 422-7060
..g Island Truck Parts Of Suffolk
..ounty Inc 3070 Route 112 Mdfrd 736-3434
..g Island Truck Repair Inc
..20 Straight Path Wyndnch 253-2488
..urfmasters Inc
..5 Acorn Deer Pk 253-0570
..g Island University—
..entwood Campus—
..2 Av Brntwd 273-5112
..ational Center For Women &
..Retirement Montauk Hwy Sthmptn 283-4827
..uthampton College
..Montauk Hwy Sthmptn 283-4000
..g Island University Brentwood
..ampus 100 2nd Av Brntwd 273-5112
..g Island Vaccination Information
..etworking Group 757-2693
..g Island Vault & Box Co Inc
..e W Babyln 845-1936
..g Island Vehicle Exchange
..Box 767 Mid Isl 345-2277
..rtical Blind Inc
..Alleghany Av Lndnhrst 957-4300
..Island Vet Ctr
..Main Babyln 661-3930
..Island Veterinary House Call
..actice 27 Conklin Frmgdl 694-3737
..Island Veterinary Medical
..soc 10 Executive Blvd Frmgdl 756-1919
..Island Veterinary Specialists
..Service Rd Plainvw 501-1700
..Island Video Enterprises Live
..Robert Ln Glen Head 759-5483
..Island Vitreo Retinal
..onsultants PC
..Motor Pkwy Haupaug 234-5666
..Island Wall Paper Inc
..Jefferson Av Bohmia 563-0959
..Island Waste Oil Corp
..Harvard Way Mt Sinai 474-4300
..Island Water Sves Inc
..Sunrise Hwy Is p Ter 277-1000
..Island Water Observers Inc
..Benjamin Rd Oceanside 763-4118
..Island Weddings Internet
..ces Port Jefferson TelNo-331-5703
..Island Weight Counseling Inc
..Jericho Trnpk Wdbry 692-5100
..Island Welding Supply
..Middle Country Rd Rdg 924-6366
..Island Well Drillers
..mestead Dr Corm 732-2155
..Island Wholesalers Of Nas-Suf
..315 Bayview Av Amtyvl 598-6000
..Island Wholistic Massage
..Deer Park Av Deer Pk 242-6311
..Island Window Cing
..reach 736-6267
..Island Window Dstrbtrs Inc
..Roanoke Av Rvrhd 369-6854
..Island Window & Door Ltd
..Jericho Trnpk Comac 543-3100
..Island Windows & Door Ltd
..Jericho Trnpk
..mack Brentwood TelNo-434-1400
..g Island Windows And Siding
..reach 471-8439
..g Island Wine Council
..Edwards Av Cvrtn 369-5887

Long Island Women's Coalition Inc—
Hot Line PO Box 183 Islip Ter 666-8833
Office PO Box 1269M Bay Shor 666-7181
Long Island Women's Health Care Associates MD PC
2900 Hempstead Trnpk Levitwn 520-5580
Long Island Yacht Club business ofc
307 Little East Neck Rd Babyln 669-3270
Long Island Yacht Club
club house phone
307 Little East Neck Rd Babyln 669-0067
Long Island Yacht Sales
41 Degnon Blvd Bay Shor 665-5144
Long Island Yacht Svc
135 W Shore Rd Hntgtn 549-4687
Long Island Yamaha Music School
2079 Smith Haven Plz Lk Grov 366-0129
L I Yellow Cab Corp
387 Conklin Frmgdl 249-1212
LI Yellow Cab Corp
76 E Hoffman Lndnhrst 226-0600
Long Island Youth For Christ-Campus Life Inc
1201 Carlls Strght Path Dix Hls 242-5996
Long Island Youth Guidance Inc
1201 Carlls Straight Path Dix Hls 242-5101
Long Islander The 322 Main Hntgtn 427-7000
Long Islanders For Alan Binder
egislator 1789 Jericho Trnpk Hntgtn 462-0085
Long Islands Home Grown Insurance Agency 2229 Route 112
Coram North Babylon TelNo-669-3999
Long Island's Home Grown Insurance Agency
2229 Route 112 Corm 732-7750
Long John E Jr atty 120 4 Av Bay Shor 666-5766
LONG JOHN SILVERS SEAFOOD SHOPPE
Sunrise Hwy & Waverly Av Ptchog **654-1386**
Long River Chinese Kitchen
494 Union Blvd W Islip 669-4948

LONG RIVER CHINESE RESTRNT
351 Union Blvd W Islip **669-4982**

Long Robin L atty
2155 Ocean Av Rnknkma 467-8268
Long Stephen psychlgst Huntington 424-7712
Long Term Care
1000 Main Port Jefferson
Toll Free-Dial '1' & Then 800 464-3833
Long Term View 775 Park Av Hntgtn 271-6575
LONG TUMINELLO BESSO SELIGMAN & QUINLAN attys
120 4 Av Bay Shor **666-5766**
Long Vue Motel
62 Long View Rd Sthmptn 283-9712
Long Wall Kitchens
1708 Sunrise Hwy Copiag 842-0853
Long Wharf Video Inc
Long Wharf Sag Hrbr 725-9090
Long Wharf Wines & Spirits Inc
12 Bay Sag Hrbr 725-2400
Longboat Wm Jr S Hilsid Av Nscnst 265-8027
Longfoot Bldg Maintenance
921 Lincoln Av Hlbrk 244-8590
Longhorn Catering
Montauk Hwy E Quog 653-4042
Longhouse Reserve Ltd
Hands Creek Rd E Hmptn 329-3568
Long Island Computer Outlet
905 Route 110 Huntington Station
Toll Free-Dial '1' & Then 800 640-9497
Long Island Doula Services
540 Belle Terre Rd Prt Jfrsn 928-4521
Long Island Lubricants Ltd
26 Aero Rd Bohmia 563-0782
Longley Maureen Ms
255 East Dr Copiag 842-3317
Longo Commercial Cabinets Inc
175 Liberty Copiag 789-4084
Longo Commercial Cabinets Inc
1245 Marconi Blvd Copiag 842-1119
Longo Pastry Shop
501 W Montuk Hwy Lndnhrst 226-4910
Longo & Sons
750 Long Island Av Deer Pk 667-5268
Longo & Sons Ryder 77 W 1 Deer Pk 586-6176
Longwood Central School District—
Middle Island-Yaphank Middle Island
Rd Middle Island—
Central Administration 345-2820
Information Hotline 345-9295
Longwood Security 345-6500
Longwood Junior High School
Longwood Rd Middle Island—
General Office 345-2700
Attendance 345-2713
Guidance 345-2706
Nurse 345-2720
Longwood Middle School Middle
Island-Yaphank Rd Middle
Island—
General Office 345-2735
Attendance 345-2727
Guidance 345-2752
Nurse 345-2740
Longwood Senior High School
Longwood Rd Middle Island—
General Ofc 345-9200
Attendance 345-9216
Guidance 345-9227
Nurse 345-9250
Physical Education 345-9262
Elementary Schools—
Charles E Walters Everett Dr
Yaphank 345-2758
Ridge Ridge Rd Ridge—
Intermediate 345-2766
Primary 345-2770
West Middle Island Swezey Ln
Middle Island 345-2755
Continued — See Next Column

Continued From Previous Column
Longwood Central School District—
Middle Island-Yaphank Road Middle
Island—
Elementary Schools—
Coram Coram-Mt Sinai Rd Corm 698-0077
Longwood Co Inc 265 W Main Babyln 669-3236
Longwood Foot Care podtrst
208 Middle Country Rd Corm 696-9636
Longwood Public Library
Middle Country Rd Mid Isl 924-6400
Longwood Youth Sports Assocs Inc
43 Highview Ln Rdg 821-9238
Longwood Youth Sports Assn
36 Federal Ln Corm 476-3569
Longwood Youth Sports Assn
140 Waldorf Dr Shrly 345-3365
Longwood Youth Sports Assn Inc
12 Pond Ln Rdg 924-8227
Lonner Baron S MD
1554 Northern Blvd Manhasset 390-1290
Lonnys Wardrobe Jericho Trnpk Wdbry 367-3646
Lonny's Wardrobe Inc
6401C Jericho Trnpk Comac 499-3016
Lonzell Montgomery interactive service
Call 540-3748
Loo Thomas MD
521 Route 111 Haupaug 979-0077
Look Of Liz
2898 Long Beach Rd Oceanside 678-0297
Looking Good Auto Body
40 Rivrhd Rd Wsthmptn Bch 288-5846
Looney Lawns PO Box 498 Stny Brk 689-0028
Looney Tunes
31 Brookvale Av W Babyln 587-1734
Fax Line 31 Brookvale Av W Babyln 587-3445
Loop Data Systems Inc
1320-3 Lincoln Av Hlbrk 981-5667
Loop-Loc Ltd
100 Engineers Rd Haupaug 582-2626
Loovis Landscape Supl 346 Broadway
Carle Place Farmingdale TelNo-420-8822
Lopacki Laureen
798 Middle Country Rd Seldn 736-5668
Loper's Equipt Corp
129 Medford Av Ptchog 475-2044
Loper's Equipment Corp
Montauk Hwy Quog 653-4808
Loper's Fuel Svce Inc
129 Medford Av Ptchog 475-2044
Loper's Rental 129 Medford Av Ptchog 475-2044
Loper's Rentals
129 Medford Av Ptchog 758-5660
Lopes John J MD
971 Montauk Hwy Okdl 589-1555
Lopes John J MD
971 Montauk Hwy Okdl 589-4344
Lopez Eunice 264 Acorn Av Cntrl Islip 232-9698
Lopez Grocery And Deli
341 Washington Av Brntwd 231-6570
Lopez Truck Equipment
15 Peconic Av Mdfrd 447-2500
Lopez Window Tinting
61A Pineaire Dr Bay Shor 231-5362
Lopiccolo & Caputo Hotel
556 Fultn Frmgdl 531-9851
LoPresti & Deller Design
Associates 436 Central Av Bohmia 563-6555
Lo Presti Thomas A atty
222 E Main Smthtwn 265-6743
Loquitur Realty
677 Walt Whitman Rd Melvl 427-1067
Lor-El's Family Haircutters
751 Sunrise Hwy W Babyln 661-5653
Lorac Industries
22 Commerce Dr Haupaug 951-2680
Loral Microwave-Narda
435 Morlnd Dr Haupaug 231-1700
Loray Farm 80 Deer Path Rd Cntrl Islip 234-7884
Lord & Chambers Boutique
59 W Main E Islip 581-0161
Lord Custom Molded Shoes Inc
1395 Lakeland Av Bohmia 218-9574
Lord Custom Molded Shoes Inc
1395 Lakeland Av
Bohemia Ronkonkoma TelNo-471-3090
Lord Food Svce Managmnt
423 Clay Pitts Rd E Nrthprt 368-9246
Lord & Taylor
3147 Middle Country Rd Lk Grov 738-1815
Lord & Taylor
160-05 Route 110 Hntgtn Sta 424-1600
Lord & Taylor
1701 Sunrise Hwy Bay Shor 665-2244
Lordahl E 160 E 84 NYC 329-7628
Lordon Electric Inc 561 Acorn Deer Pk 242-4006
Lords Interiors Custom Upholstery
2240 Union Blvd Bay Shor 969-9244
Lordship Industries Inc
30 Davids Dr Haupaug 231-9779
Lorelle Photo & Video
2750 Middle Country Rd Lk Grov 981-0348
Lorelli Robert Assocs Inc
217 Merrick Rd Amtyvl 691-7233
Loren Communications Corp
315 Walt Whitman Rd Hntgtn Sta 385-1800
Lorenz Plumbing 115 Oak Wk Kismet 583-5827
Lorenzo Marble & Tile
7 Sandra Dr Dix Hls 271-6022
Lorenzo R M 15 Amboy Rd Okdl 567-2601
Lorenzo's Pizza
64C Carleton Av Islip Ter 581-8256
Loreto John A DDS
6090 Jericho Tpk Comac 499-6377
Loretta Of De Javu 320 3 Av Bayprt 472-9304
Loretta's Italian Bakery
209 Carleton Av E Islip 224-8896
Lori-Co 725 Route 25A Mlr Pl 744-1120
Lori J Davis & Associates Inc
52 Kristin Ln Haupaug 265-4555
Lori Locksmith 427 Route 25A Rky Pt 744-3386
Lorianna Stores 1770 W Main Rvrhd 208-0224
Lorianna Stores
790 S Sunrise Hwy Belprt 776-0123
Loria's 112 Carpet
1870 Route 112 Mdfrd 289-4040
Lorich Construction Co
1328 Motor Pkwy Haupaug 348-4888

Loridon Inc 588-8858
Loridon Inc 22 Marion Ct W Babyln 321-3885
Lorillard sales div
174 LAN Ocean Av Mdfrd 758-0627
Lorin Gerald DMD ofc
158 E Main Hntgtn 421-3388
Loring Louis atty
324 Farmngdle Rd W Babyln 661-0443
Lorio Anthony J archt
507 Main Prt Jfrsn 473-1311
Lori's Ice Cream Fountain
37 Main E Hmptn 329-4883
Lori's Nail Boutique
284 Ronkonkoma Av Rnknkma 467-5735
LORI'S SCHOOL OF DANCE
126 E Main E Islip **581-0024**
Loriva Supreme Foods Inc
1981 Pond Rd Rnknkma 737-4700
Loro Piana Inc
Snake Hollow Rd Brdghmptn 537-5695
Lorraine Holt Design
77 Bushwick Av Cntrl Islip 582-5446
Lorraine Lorraine C
168 W Main Bay Shor 665-1084
Lorraine's Bellport Taxi
40 Dunton Av E Ptchog 286-0239
Lorraine's Place
144 New York Av Hntgtn 351-8330
LoRusso Michael atty
555 Broadhollow Rd Melvl 293-3131
Los Angeles Times Editorial Bureau
2 Park Av Manhattan 212 448-2800
Los Charritos
6300 Jericho Trnpk Comac 462-7956
Los Compadres
243 Walt Whitman Rd Hntgtn Sta 351-8384
Los Estrada's Rstrnt
32A Wheeler Rd Cntrl Islip 234-5914
Los Hermanos Taveras
198 W Main Ptchog 654-3664
Los Latinos Grocery
3 Candlewood Rd Bay Shor 273-1449
Losamax Transport & Van Svce
87 Root Av Cntrl Islip 234-5760
Loscalzo Anthony atty
14 E 4 Manhattan
Toll Free-Dial '1' & Then 800 640-2900
Loscalzo Anthony J atty
14 E 4 Manhattan Riverhead TelNo-722-4700
Loscalzo Anthony J atty
14 E 4 Manhattan 212 505-9080
Loscalzo Jos T MSS
185 Plainvw Rd Wdbry 692-8860
Loscalzo & Loscalzo
14 E 4 Manhattan Riverhead TelNo-722-4700
Loscalzo & Loscalzo attys
14 E 4 Manhattan 212 505-9080
Loscalzo & Loscalzo PC atty
14 E 4 Manhattan Riverhead TelNo-722-4700
Loscialpo Michael atty
324 Route 109 W Babyln 893-0019
Losquadro Steven atty
398 Route 111 Smthtwn 979-7045
Lossmann Dione 162 Laurel Av Nrthprt 262-8985
Lossmann Patricia A ACSW CASAC
162 Laurel Av Nrthprt 754-8066
Lot-O-Cards
149-4 Vetrns Memrl Hwy Comac 864-2786
Lotardo Salvatore DDS
229 Smithtown Blvd Nscnst 724-0094
Lotierzo Michael CPA
10 Mitchell Rd Wsthmptn Bch 288-3334
Lots A Licks Colin Dr Shrly 924-2367
Lots & Acreage Unlimited
756 Carlton Rd W Babyln 587-8700
Lots Of Fun Party & Crafts
556 N Country Rd St Jas 584-6533
Lotte Berk Method Ltd
Butter Ln Brdghmptn 537-3290
Lotte Cleaners Inc
230 North Main Sayvl 563-4397
Lottery interactive service 540-2220
Lottery recorded announcement 976-0001
Lottery Accuracy Results
recorded announcement 976-2828
Lottery All Info -Results
recorded announcement 976-4111
Lottery Lotto All Winning Numbers
recorded announcement 976-4111
Lottery Results interactive svc-adult 970-2020
Lottery Results recorded announcement
332 W 51
Manhattan Manhattan TelNo-212 751-2629
Lottery Winning Number
recorded announcement 976-2828
Lottery Winning Numbers
interactive svc 226 E 54 Manhattan 540-1100
Lottery Result recorded announcement 976-2828
Lottery And Weather Results - Info
recorded announcement 976-0001
Lotto- Accuracy Results
recorded announcement 976-2828
Lotto Gerald L atty
3330 Vetrns Memrl Hwy Bohmia 588-3000
Lotto Stats Hotline
recorded announcement 540-7711
Lottronics Ltd 140 Keyland Ct Bohmia 563-3221
Loturco John H atty
434 New York Av Hntgtn 549-4488
Lotus East Chinese Restaurant
416 N Country Rd St Jas 862-6030
Lotus East II Restrnt
331 Route 25A Mt Sinai 331-6688
Lotus Garden 345 Conklin Frmgdl 249-2940
Lotus Tattoo Studio
291 W Main Sayvl 244-8288
Lou Saxon Music Entertainment & Video Productions
4 Blackpine Dr Mdfrd 289-3100
Loucas Emmanuel R MD—
160 Commack Rd Comac 499-1200
510 Montauk Hwy W Islip 587-1132
Louden John F marine surveyor
48 Davison Ln E W Islip 587-6161
Loughlin Daniel J PC
334 Deer Park Av Babyln 669-0894
Loughlin Drapery Studio
150 S Alleghany Av Lndnhrst 957-4529

Loughlin Mfg 1580 Railroad Av Hlbrk 585-4422
Loughlin's Deli
208 Montauk Hwy Wsthmptn 288-5225
LOUIS SEE ALSO LEWIS
Louis Anthony Jewelers
1701 Sunrise Hwy Bay Shor 666-5669
Louis Barbato lndscpng
55 Carleton Av E Islip 277-0070
Louis Clocks 365 Main
Center Moriches Shirley TelNo-281-8135
Louis Clocks 365 Main Cntr Mrich 878-8048
Louis XIV 600 S Ocean Av Ptchog 654-8970
Louis Gevirtz & Co CPA
7 Detroit Rd Hntgtn Sta 692-8500
Louis Lasky Medical & Dental
Center 656 Wellwood Av N Lndnhrst 225-1010
Louis Piekut Electric Inc
43 Colonial Rd Smthtwn 366-0774
Louis Piekut Electric Inc
Smithtown Southampton TelNo-283-1469
Louis Schwimmer Agency 725-5221
Louis Universal Ltd 725-5221
Louise Lettieri & Carol Mcneil
12 Hawthorne Ln E Mrich 874-6019
Louise's Haircraft
1157 E Jericho Trnpk Hntgtn Sta 673-0980
Louise's Jewlery
568A Larkfield Rd E Nrthprt 266-3942
Louis Rasso & Ambiance Funding
301 Fairview Cir Mid Isl 345-9363
Lounge Car Tours
76 Freeport Mall Freeport 868-2121
Lounge Craft Moving & Storage
Corp 85 8 Av Sea Cliff 759-4430
Lourdes Communications Inc
65 Hoffman Av Haupaug 234-6600
Lourdes Industries Inc
65 Hoffman Av Haupaug 234-6600
Lourdes Industries Inc
21 Newton Pl Haupaug 232-9528
Lourdes Systems Inc
21 Newton Pl Haupaug 234-7077
Lourdes Unisex Salon
225 Broadway Amtyvl 691-1122
Lourenso Frank J
48 S Service Rd Melvl 694-7030
Lou's Aplnc Repr
98 Diana Dr Mstc Bch 281-3205
Lou's Auto Repr
29 W Sunrise Hwy Lndnhrst 226-0311
Lou's Automtv Svce
Rte 25 A Wadg Rv 929-4043
Lou's Dugout 466 Main E Mrich 878-4366
Lou's Svce Sta Pacific Matituk 298-4066
Lou's Stationery
926 Wheeler Rd Haupaug 265-7144
Louzara's Multi-Services
1935 New York Av Hntgtn Sta 427-3310
Lovarco Bros Inc 45 Violet Rd Kngs Pk 366-5296
Love Drywall
55 Charm City Dr Prt Jfrsn Sta 331-4560
Love It Or Leave It Consignment
Shop 97 Love Ln Matituk 298-0155
Love Karen MD
264 Haypath Rd Old Bthpg 293-0666
Love Lane Flowers By
105 Love Ln Matituk 298-1320
Love Lane Sweet Shoppe
125 Love Ln Matituk 298-2276
Love Lane Washboard Inc
240 Love Ln Matituk 298-4651
Love' M Inc 629 W Main Rvrhd 727-2119
Love M Inc 629 West Main Rvrhd 727-2903
Love' M Inc 629 West Main Rvrhd 727-7392
Love M Sheltering Inc
629 W Main Rvrhd 727-5582
Love & Mercy Fellowship
1420 Union Blvd Bay Shor 969-7968
Love My Shoes 301 Route 110 Hntgtn 425-7518
LOVE 96.1 FM 72 W Main Rvrhd 369-0100
Love Of Learning Children's Center
477 Montauk Hwy Quiog 288-4644
Love Sins interactive service-adult 970-4691
Love The Children International
Adoption Svces
221 W Broad Quakertown PA 215 536-4180
Love The Electrician
786 Evergrn Wk Ocn Bch 583-8866
Love The Plumber Bay Wk Ocn Bch 583-5612
Love Those Nails
1870 E Jericho Trnpk Hntgtn 499-4290
Love Those Nails 1303 Main Prt Jfrsn 331-1368
Love To Learn
94H Jeffryn Blvd E Deer Park
Toll Free-Dial '1' & Then 800 585-3210
Love Your Nails
811C Waverly Av Hltsvl 654-8477
Lovelace Construction & Renovations Inc
32 W Water Sag Hrbr 725-2050
Lovell Katherine Interiors Inc
Montauk Hwy E Quog 653-5604
Lovell Safety Managmnt
22 Andover Dr Prt Jfrsn Sta 474-2557
Lovely Nails
706 Montauk Hwy W Babyln 669-0101
Love'M counselor 114 Griffing Av Rvrhd 369-2633
Love'M Inc 114 Griffing Av Rvrhd 369-8273
Love'M Inc
126 Oakland Av Prt Jfrsn Sta 331-7017
Love'M Inc
126 Oakland Av Prt Jfrsn Sta 474-1453
Love'M Sheltering Inc
114 Griffing Av Rvrhd 369-9083
Love'M Sheltering Inc
106 Ponquogue Av Hmptn Bays 723-1440
Love'M Sheltering Inc
106 Ponquogue Av Hmptn Bays 723-2924
Love'M Sheltering Inc
106 Ponquogue Av Hmptn Bays 723-2946
Love'M Sheltering Inc
106 Ponquogue Av Hmptn Bays 723-3300
Love's Delight 435 Brook Av Deer Pk 586-4858
Loves Premium Farmingdale 249-2060
Loves Wildlife Removal
84 Hillside Rd Deer Pk 242-4464
Lovett Silverman & Assocs
380 Town Line Rd Haupaug 979-7600

LONG ISLAND ...AT A GLANCE

GEOGRAPHY

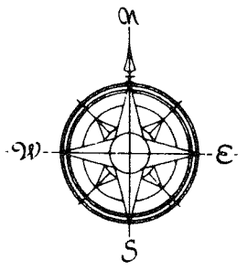
Area: Nassau: 285.4 sq miles/182,680 acres
Suffolk: 885.1 sq miles/566,466 acres
Nassau-Suffolk: 1,170 sq miles/749,146 acres

Length: 120 miles from Manhattan to Montauk
56 miles from the Queens border to Riverhead
28 miles (North Fork)
44 miles (South Fork)

Width: 12 to 16 miles

Shoreline: 1,180 linear miles

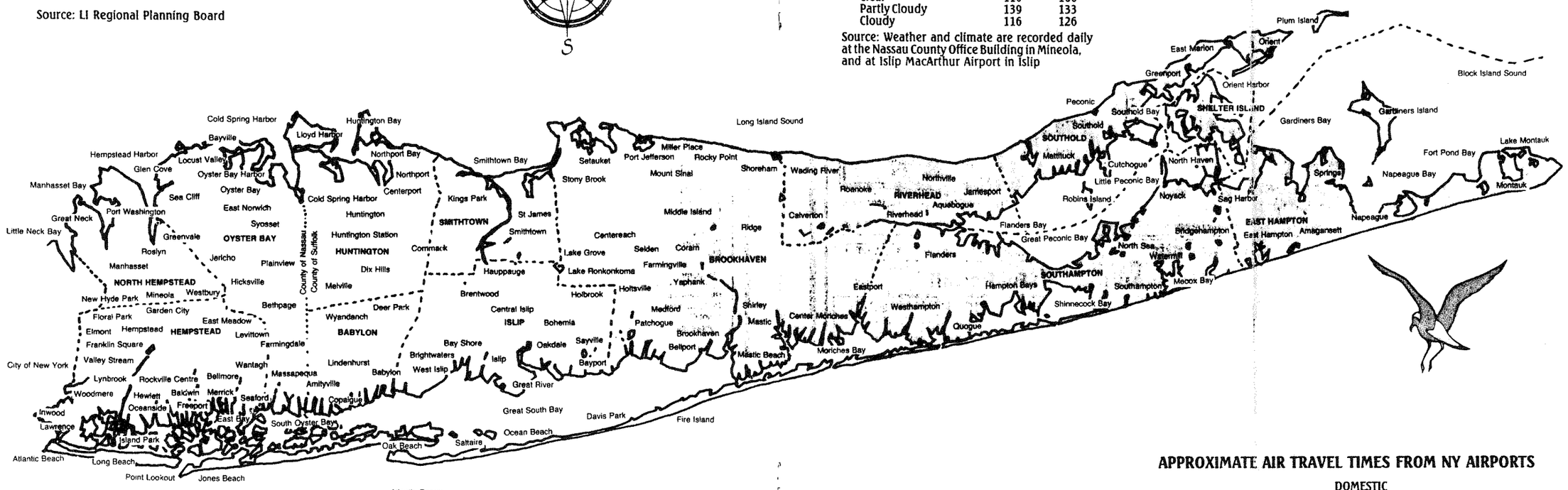
Source: LI Regional Planning Board



CLIMATE

	Nassau	Suffolk
Temperature		
Winter avg	33.7°	32.4°
Summer avg	72.7°	71.9°
Avg annual precipitation		
Annual rainfall	45″	42″
Annual snowfall	26.9″	30″
Avg annual relative humidity	68%	70%
Avg wind velocity	13.2 mph	9 mph
Type of weather by days per year		
Clear	110	106
Partly Cloudy	139	133
Cloudy	116	126

Source: Weather and climate are recorded daily at the Nassau County Office Building in Mineola, and at Islip MacArthur Airport in Islip



TRAVEL TIMES TO NEW YORK CITY

Town	Miles	Drive Times @ 50 MPH	Railroad Times*
Babylon	40	48 min.	55 min.
Freeport	25	30 min.	40 min.
Garden City	22	27 min.	40 min.
Hempstead	22	27 min.	50 min.
Huntington	33	40 min.	1 hr. 5 min.
Mineola	20	24 min.	36 min.
Oyster Bay	28	34 min.	1 hr. 15 min.
Patchogue	57	1 hr. 9 min.	1 hr. 45 min.
Port Jefferson	56	1 hr. 8 min.	1 hr. 50 min.
Smithtown	46	56 min.	1 hr. 27 min.
Riverhead	76	1 hr. 31 min.	2 hr. 22 min.
Montauk	116	2 hr. 20 min.	3 hrs. 25 min.

*During Off-Peak Hours Source: LIRR, LI/BUSINESS Research Bureau

HOW FAR IS IT?

Approximate Mileage	G Wash Bridge	Times Square	JFK Airport	Hempstead	Jones Beach	Huntington	Riverhead	Montauk
LaGuardia Airport	10	11	5	14	25	27	65	106
Hempstead	24	23	11	x	11	18	57	98
Huntington	35	38	39	18	25	x	46	88
JFK Airport	16	12	x	11	22	29	68	108
Montauk	116	116	108	98	98	88	41	x
Riverhead	75	75	68	57	59	46	x	41
Valley Stream	21	18	7	5	12	26	63	101

APPROXIMATE AIR TRAVEL TIMES FROM NY AIRPORTS

DOMESTIC			
Atlanta	2 hr. 55 min.	Los Angeles	5 hr. 45 min.
Boston	47 min.	Miami	3 hr.
Buffalo	1 hr. 4 min.	Las Vegas	5 hr. 15 min.
Chicago	2 hr. 15 min.	Seattle	5 hr. 30 min.
Houston	3 hr. 30 min.	Washington, DC	1 hr.

OVERSEAS			
Athens, Greece	9 hr.	Paris, France	7 hr.
Bombay, India	16 hr. 50 min.	Peking, China	17 hr. 20 min.
Buenos Aires, Argentina	10 hr. 15 min	Rome, Italy	8 hr. 10 min.
Frankfurt, Germany	7 hr. 20 min.	Stockholm, Sweden	7 hr. 30 min.
London, England	6 hr. 40 min.	Sydney, Australia	22 hr. 5 min.
Madrid Spain	7 hr.	Tel Aviv, Israel	12 hr.
Montreal, Canada	1 hr. 10 min.	Tokyo, Japan	13 hr. 50 min.
Nairobi, Kenya	15 hr. 35 min.	Toronto, Canada	1 hr. 14 min.

Source: Pan American Airlines, Trans World Airlines, American Airlines.

Long Island Maps and Their Makers

By David Yehling Allen
Melville Library, Map Collection
SUNY Stony Brook

Long Island has a cartographic history reaching back almost five centuries. Here can be found a sample of the many ways in which mapmakers have shown Long Island--ranging in time from the first explorers' charts to recent digital maps.

These maps were made for a variety of purposes. Among their many functions were to guide sea captains, to depict military engagements, to establish property boundaries, to show routes for travelers, to sell real estate, and to depict soil conditions for farmers. They should be of interest to historians, archaeologists, environmentalists, surveyors, educators, real estate professionals, and anyone interested in Long Island's past.

The design of this Web site is based on the author's book *Long Island Maps and Their Makers: Five Centuries of Cartographic History* (ISBN 0-8488-1804-0). The maps are listed in chronological order and arranged according to chapter titles of the book. Information in depth about these and many other Long Island maps can be found in the printed version.

Long Island Maps and Their Makers is available from Amereon House, P.O. Box 1200, Mattituck, NY 11952-9500. (Phone: 516/298-5100; fax 516/298-5631). Cost is $23.95 plus tax for New York State residents. There is a shipping and handling charge of $3.95 for the first volume and $1.10 for each subsequent volume.)

NEW! Long Island Cartobibliography. Download an annotated bibliography of Long Island maps with a free copy of EndNote viewing software. A bibliography of Long Island geology is also available at this site.

Click on a chapter title for a list of the maps for each chapter

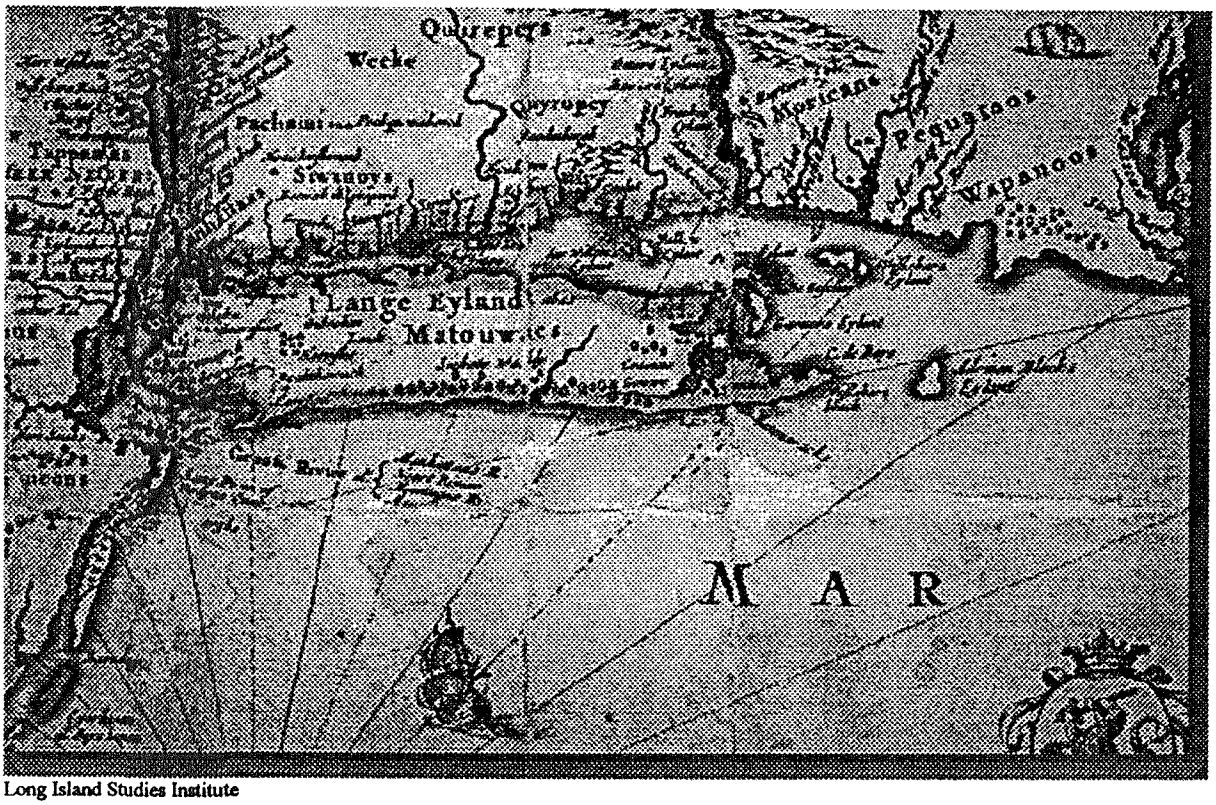
Go to Map Collection Home Page (SUNY Stony Brook)

LI HISTORY.COM

Early Maps of Long Island

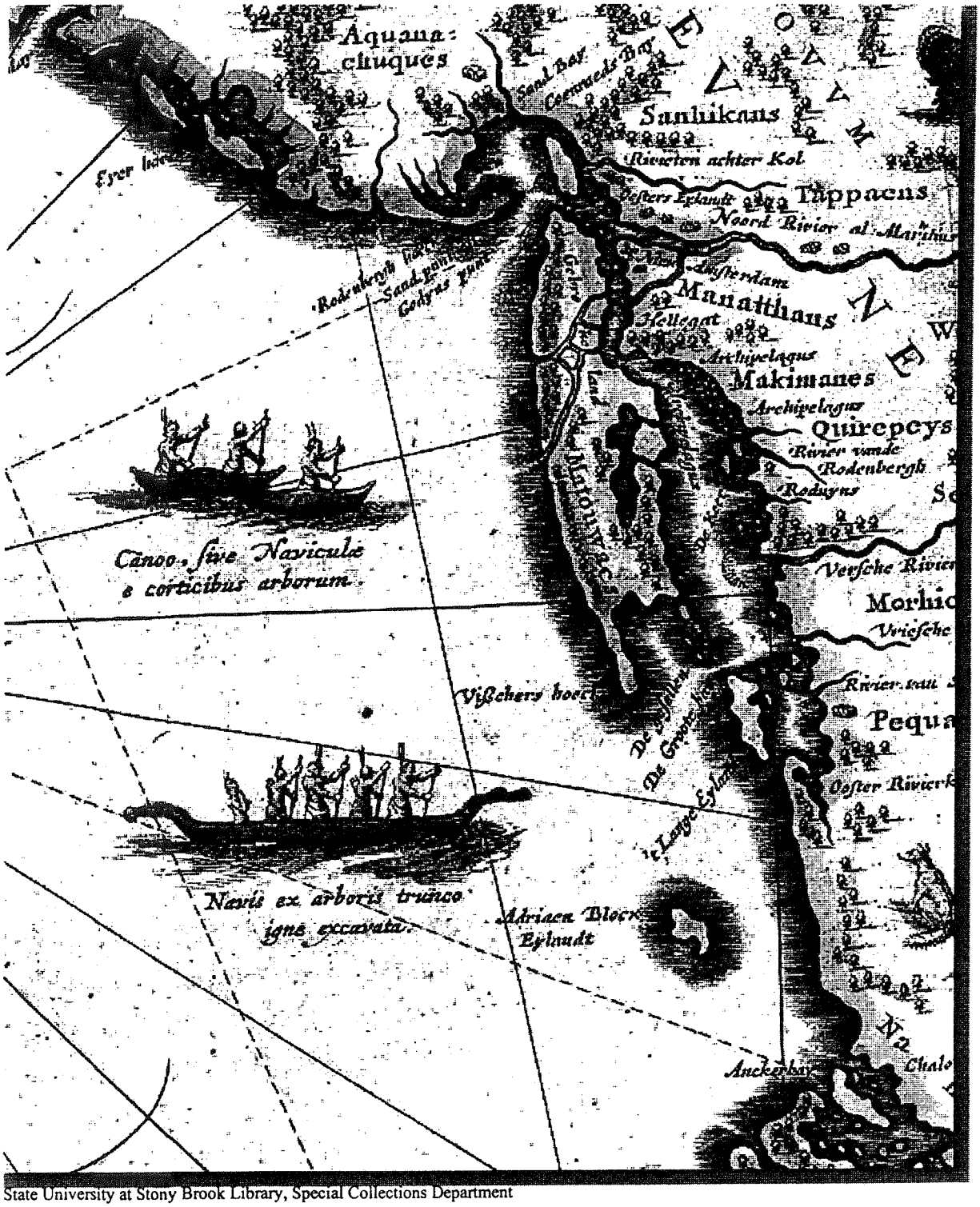
Maps made in the 17th Century help show how Europe came to understand Long Island. Italian explorer Giovanni da Verrazano entered New York Harbor in 1524, but it was not until 1609 that Englishman Henry Hudson sailed farther inland and found the river that would bear his name. In 1613-14, Dutch mariner Adrian Block sailed around Long Island and returned home with information that helped chart the East Coast. Here are two Dutch maps made from 1635 to 1656.

MORE MAPS:
1635 Dutch Map



Long Island Studies Institute

This is a Dutch map; the cartographer was Nicholaes Visscher. The detail seen above prominently features the Dutch words Lange Eylandt, for Long Island, over the Algonquian word Matouwacs. The map reflects the growth of Dutch and English settlements on Long Island, including "S. Holt" on the North Fork, for Southold, and "Garner's Eylant," for the island owned by Englishman Lion Gardiner. It also shows the island as a land mass and not a series of islands divided by channels, as on the Blaeu map. The map is the first to feature the evidence of the Hempstead Plains, according to cartography scholar David Allen, author of "Long Island Maps and Their Makers: Five Centuries of Cartographic History" (Amereon Ltd.). The plains are designated here by the words "Gebroken Landt," for broken land.

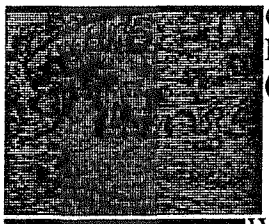


State University at Stony Brook Library, Special Collections Department

Dutch cartographer William Janszoon Blaeu based this 1635 map on charts drawn after the 1613-14 journey of Adrian Block. The map is notable for its illustrations, such as the Indian canoes in the ocean. Blaeu also depicted Long Island as a series of islands, not a large landmass. The Algonquian word ``Matouwacs'' is not easily translated today, but a 19th Century linguist believed it meant ``Island of the Periwinkle.'' The map is unusual to today's eye because it is oriented with west at the top.

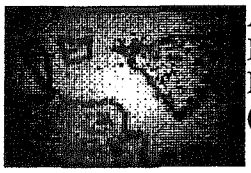
Long Island Unveiled: Early Colonial Maps

It took European explorers and colonists more than 200 years to determine the shape of Long Island. The earliest maps, which are based on the voyages of Verazzano, show Long Island as a peninsula named "Flora." The first map to show Long Island as an island was made by the Dutch explorer Adriaen Block in 1614. Gradually the Dutch colonists and their English successors, made increasingly detailed and accurate maps. A highpoint of the early mapping of Long Island is the Ryder map of 1674 (shown below), which is the first map of Long Island made by a professional surveyor. But the Ryder map was not well known, and subsequent mapmakers continued to produce highly distorted maps of Long Island well into the eighteenth century.

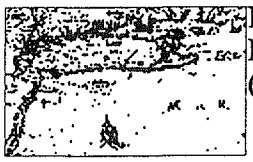


Giacomo di Gastaldi [New France], 1556.
Detail showing Long Island as "Flora."
(Courtesy of the John Carter Brown Library at Brown University.)

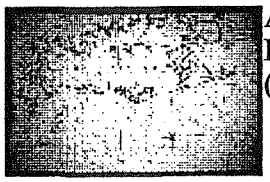
William Janzoon Blaeu, *New Belgium and New England* , 1635.
Detail showing Long Island and Natives in canoes.
(Courtesy of SUNY Stony Brook.)



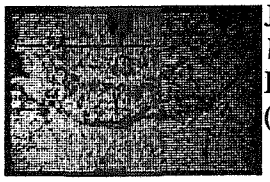
Anonymous, *Manhattan on the North River*, 1639.
Detail showing Dutch settlements on Manhattan and Native longhouse in Brooklyn.
(Courtesy of the Library of Congress, Geography and Map Division.)



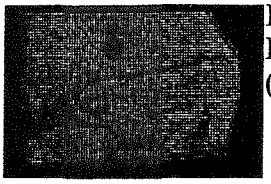
Nicholaes Visscher, *New Belgium and New England, 1656*
Detail from a facsimile showing Long Island.
(Courtesy of the State University of New York at Stony Brook.)



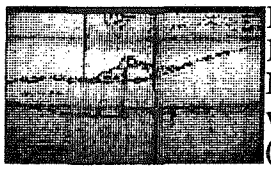
Arendt Roggeveen, *Map of New Netherland*, 1675.
Detail showing Long Island.
(Courtesy of the Library of Congress, Geography and Map Division.)



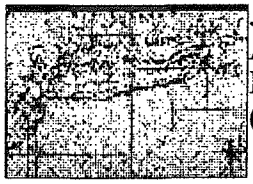
John Seller, *A Chart of the Sea Coasts of New-England, New Jarsey, Virginia, Maryland and Carolina--from C. Cod to C.Hatteras*, 1675.
Early English map influenced by Dutch maps and by John Scott map.
(Courtesy New York State Library.)



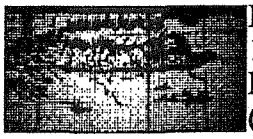
Robert Ryder, *Long Island Sirvaide by Robartte Ryder*, [1674].
First map of Long Island based on an actual survey.
(Courtesy of the John Carter Brown Library at Brown University.)



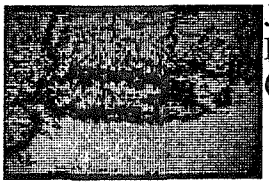
Philip Welles, [Draught of a Tract of Land on the East Side of Cow Neck on Long Island], 1683.
Map of Hempstead Harbor showing property boundaries and possible Native wigwams.
(Courtesy New York State Archives.)



John Thornton, *Part of New England, New York, East New Iarsey, and Long Island*, 1689.
Famous nautical chart based in part on the Ryder map.
(Courtesy of the John Carter Brown Library at Brown University.)



Robert Morden, *A Map of ye English Empire in the Continent of America*, 1690.
Detail showing whaling off the coast of Long Island.
(Courtesy of New York Public Lbrary.)



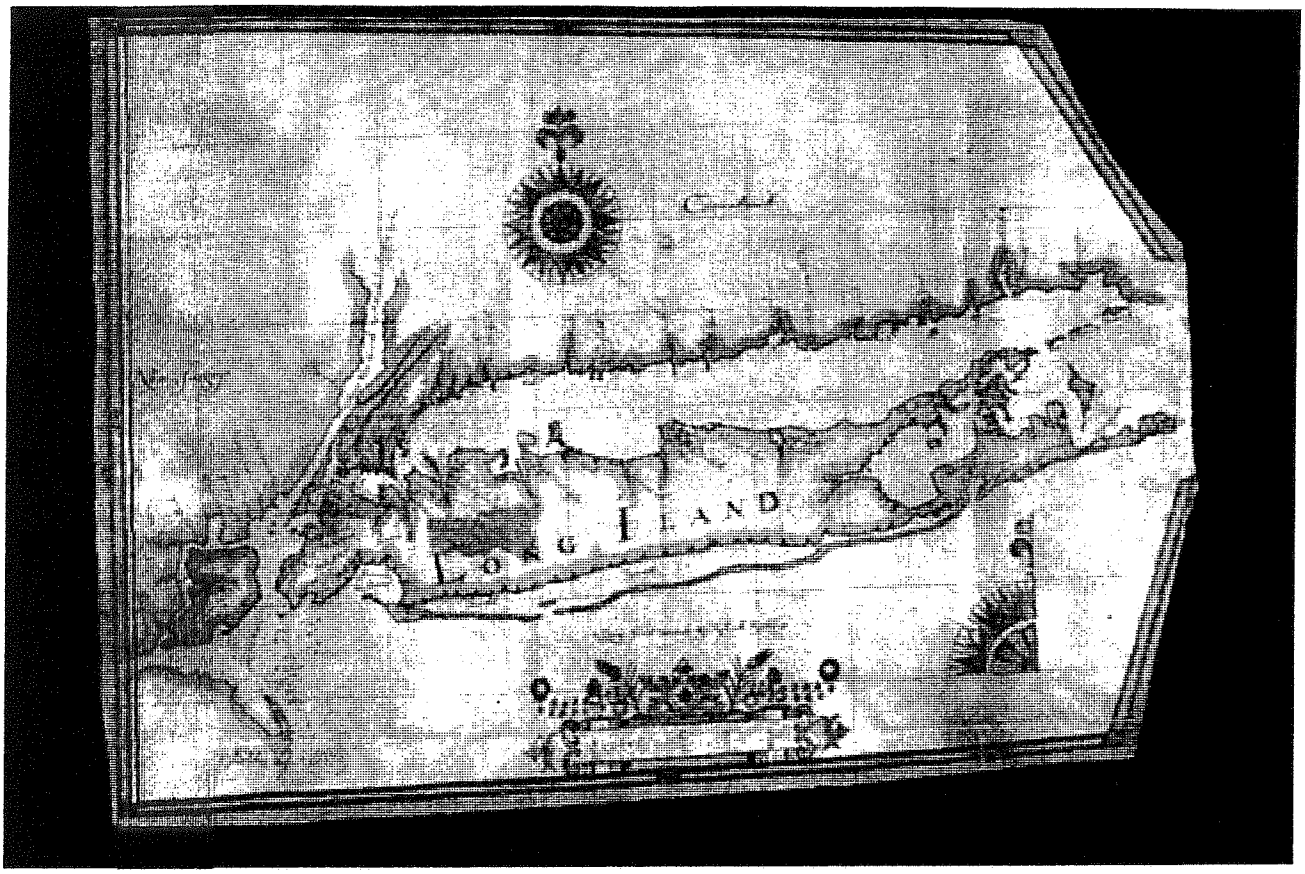
Johann Baptista Homann, *New England in North America*, 1710.
Detail showing Long Island; copied from a variety of Dutch maps.
(Courtesy New York State Library)

Cyprian Southack, *A Map of the Coast of New England*, [1730].
Detail showing an elongated Long Island.
(Courtesy of the Library of Congress, Geography and Map Division)

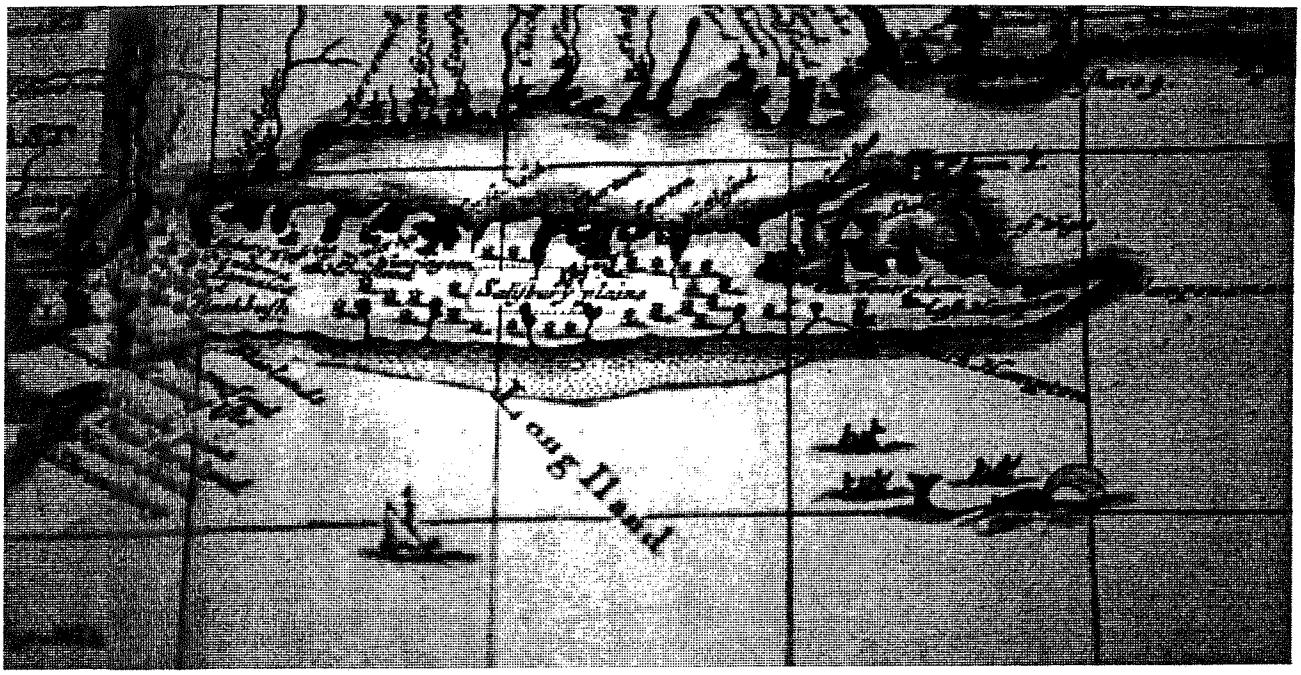
Jacques Nicolas Bellin, *Map of New England*, 1757.
One of the many 18th-century British and French maps showing influence of Southack.
(Courtesy of the John Carter Brown Library at Brown University)

Next Chapter

Return to Table of Contents



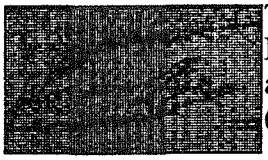
Robert Ryder map 1674



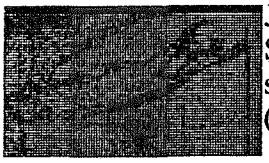
Robert Morden map 1690

2. The Cartography of Conflict, 1750-1783

Map making is often associated with military activity. Beginning in the 1750s, with the outbreak of the French and Indian War, the British began making detailed surveys of their North American colonies. Intensive map making continued through the period of the American Revolution.



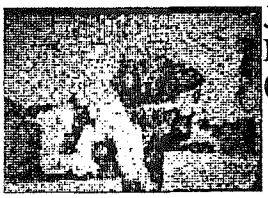
Thomas Jefferys, *A Map of the Most Inhabited Part of New England*, 1755. Detail showing Long Island. The model for most maps showing Long Island as a whole between 1755 and the De Witt map of 1802. (Courtesy of the Library of Congress, Geography and Map Division.)



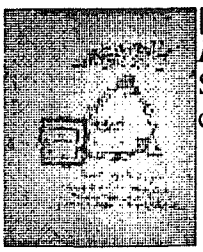
John Montresor, *A Map of the Province of New York*, 1775. Southern sheet showing Long Island. Based on previous map, but shows some additional details on western Long Island. (Courtesy of the Library of Congress, Geography and Map Division.)

Anonymous, *The Country Twenty-five Miles Round New York, Drawn by a Gentleman from from That City*, 1777. Shows western Long Island at the time of the Battle of Long Island. (Library Company of Philadelphia.)

J.F.W. Des Barres, *A Sketch of the Operations of His Majesty's Fleet and Army under the Command of the Rt. Hble. Lord Viscount Howe and Genl. Sr. W,. Howe, K.B., in 1776*, [1778]. Shows movement of troops at the Battle of Long Island. (Courtesy of the New York Public Library.)



J.F.W Des Barres, *Oyster Bay and Huntington*, 1778. Detail showing area around Huntington. (Courtesy New York Public Library.)

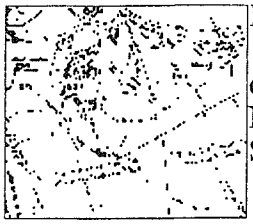


[Benjamin Tallmadge?], *A Rough Draught of Fort St. George on the South Side of Long Island*, [1780?]. Shows British fort in southern Brookhaven captured by the Americans under the command of Tallmadge. (Courtesy of the Connecticut Historical Society.)

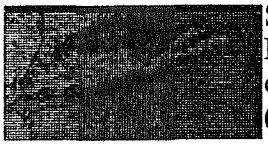
Next Chapter

3. The Age of Simeon De Witt (Along with Edmund Marsh Blunt and Several Others)

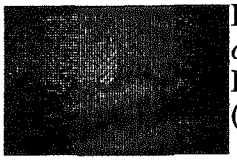
The newly independent Americans still lacked the map making capabilities of the British and other major European nations. For some time American map publishers continued to copy British maps of this area. This situation gradually changed as the education of surveyors in this country improved, and as facilities for engraving and printing maps were developed. Simeon De Witt and Edmund Marsh Blunt were among the leading American map makers during this period, and much of their work focused on New York and Long Island.



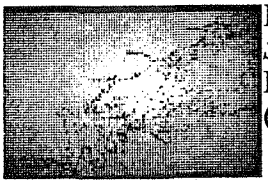
Isaac Hulse, "Map of the Town of Brookhaven, in the County of Suffolk," 1797. Detail of area around Port Jefferson. One of a series of town maps drawn up at the end of the eighteenth century as a result of a law passed by the New York State Legislature. (Courtesy of the State University of New York at Stony Brook.)



Simeon De Witt, *A Map of the State of New York*, 1802 [southern Sheet]. First American map of Long Island to improve on British revolutionary war era maps.
(Courtesy of the Library of Congress, Geography and Map Division.)



David Burr, part of "Map of the County of Suffolk," from his *Atlas of the State of New York*, 1829.
Detailed map based on surveys by DeWitt.
(Courtesy State University of New York at Stony Brook.)



Edmund Blunt, *Long Island Sound from New York to Montauk Point, Surveyed in the Years 1828.29.30.*, 1830.
Detail showing western end of Long Island Sound.
(Courtesy of Library of Congress, Geography and Map Division.)

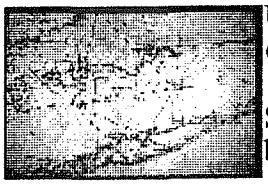
Next Chapter

Return to Table of Contents

4. Long Island Triangulated: Nineteenth-Century Maps and Charts of the U.S. Coast Survey

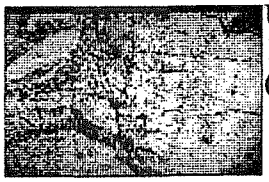
A new era began in the mapping of Long Island and the nation when the U.S. Coast Survey started its activities on Fire Island. The Coast Survey was the first federal agency to produce detailed and accurate maps of large areas of the United States.

The Coast Survey began its nationwide mapping with the construction of a baseline on Fire Island (shown below). Between 1833-1843 the Coast Survey produced highly detailed manuscript (hand written) maps of Long Island. These were used as the basis for a number of published maps that appeared in the years after 1844.

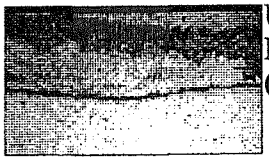


U.S. Coast Survey, *Sketch B., No. 2, Showing the Triangulation & Geographical Positions in Section No. II from New York City to Point Judith*, 1851.
Shows base line on Fire Island and triangulation network used in first survey by U.S. government.

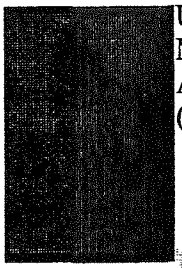
(Courtesy State University of New York at Stony Brook.)



U.S. Coast Survey, Detail of a Manuscript map showing Huntington area, 1837.
(Courtesy State University of New York at Stony Brook.)



U.S. Coast Survey, *Middle Part of the Southern Coast of Long Island*, 1857.
Detail from a published Coast Survey map.
(Courtesy State University of New York at Stony Brook.)



U.S. National Ocean Survey, *Oyster and Huntington Bays*, 1996.
Modern nautical chart made by the National Oceanic and Atmospheric Administration, the successor agency to Coast Survey.
(Courtesy State University of New York at Stony Brook.)

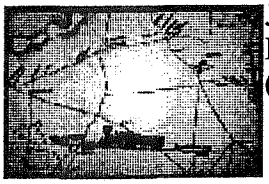
Many high-quality images of nineteenth-century coastal charts of Long Island are available from a site on the Web maintained by the National Oceanic and Atmospheric Administration. Click here to go to NOAA's Historical Map and Chart Collection.

Next Chapter

Return to Table of Contents

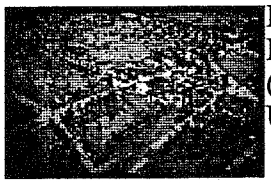
5. The Cartography of Commerce

During the nineteenth century Long Island gradually became more prosperous and heavily populated. The growth of wealth and population created a market for many types of maps. The development of new printing processes, such as lithography, made possible the inexpensive production of attractive maps to meet this demand. Many of these maps show the growth of roads and railroads. Property maps, which show individual houses and give the names of their owners were particularly popular during this period.

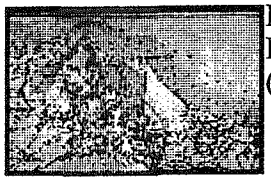


J. Chace, *Map of Suffolk County*,1858.
Detail showing area near Southampton.
(Courtesy State University of New York at Stony Brook.)

F.W. Beers, *Atlas of Long Island, New York*, 1873.
Plate showing plan for community of Sea Cliff Grove.
(Courtesy of the State University of New York at Stony Brook.)



Fowler and Bulger, *Hempstead, N.Y., Long Island*, 1876.
Bird's-eye view.
(Courtesy of Long Island Studies Institute, Hofstra University.)



Hyde and Company, *Map of Long Island*, 1896.
Detail of area near Port Jefferson.
(Courtesy of the State University of New York at Stony Brook.)

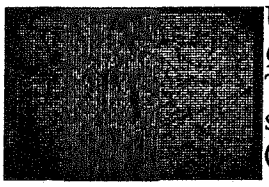
1906 E. Belcher Hyde Atlas of Long Island
(This site includes a complete property atlas of Long Island. Click on the index map to view area you are interested in. Courtesy of Newsday.)

Next Chapter

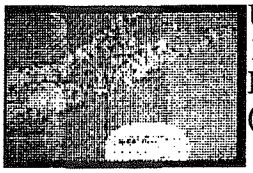
Return to Table of Contents

6. Long Island Digitized: Twentieth-Century Maps

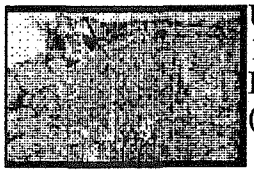
The twentieth century has seen radical changes in cartography. Thematic maps (maps about a subject) have been widely used in this century. Conventional maps have been supplemented by aerial photographs and satellite images. Most maps are now produced using computers, and increasingly maps are being viewed on computer screens. The number of Long Island maps available on the Internet is growing exposively.



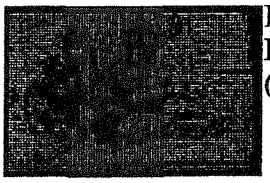
United States Geological Survey, Area around Huntington from *Northport Quadrangle*, 1903.
Typical early U.S.G.S. 15' map. Compare with digital map of same area shown below.
(Courtesy State University of New York at Stony Brook.)



United States Geological Survey, *Topographic Map of Long Island New York*, 1913.
Detail showing eastern Long Island.
(Courtesy State University of New York at Stony Brook.)



U.S. Bureau of Chemistry and Soils. *Soil Map, Suffolk and Nassau Counties*, 1928.
Part of the largest and most colorful thematic map of Long Island.
(Courtesy State University of New York at Stony Brook.)

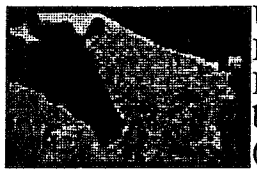


Henry I. Jebb, *Jebb Guide Map, Greater New York*, 1930.
Real estate map showing growth of urbanized areas near New York.
(Courtesy State University of New York at Stony Brook.)

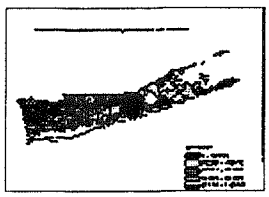
U.S. Bureau of the Census, "Nassau and Suffolk Couties: Black Population as a Percentage of the Total Population," from *Urban Atlas; Tract Data for Standard Metropolitan Statistical Areas*, 1974.
Example of a typical computer-produced map using census data. (Courtesy State University of New York at Stony Brook.)

United States Geological Survey, *Huntington Quadrangle*, 1979.
Detail of a small portion of a digital version of a modern topographic map.
(Courtesy State University of New York at Stony Brook.)

EROS Data Center, Satellite view of western Long Island.
Built up areas appear to be blue in this rendition.
(Courtesy State University of New York at Stony Brook.)



United States Geological Survey, Color aerial photograph of Port Jefferson area, 1988.
Rapidly growing vegetation, such as golf courses, appears to be red.
(Courtesy of State University of New York at Stony Brook.)

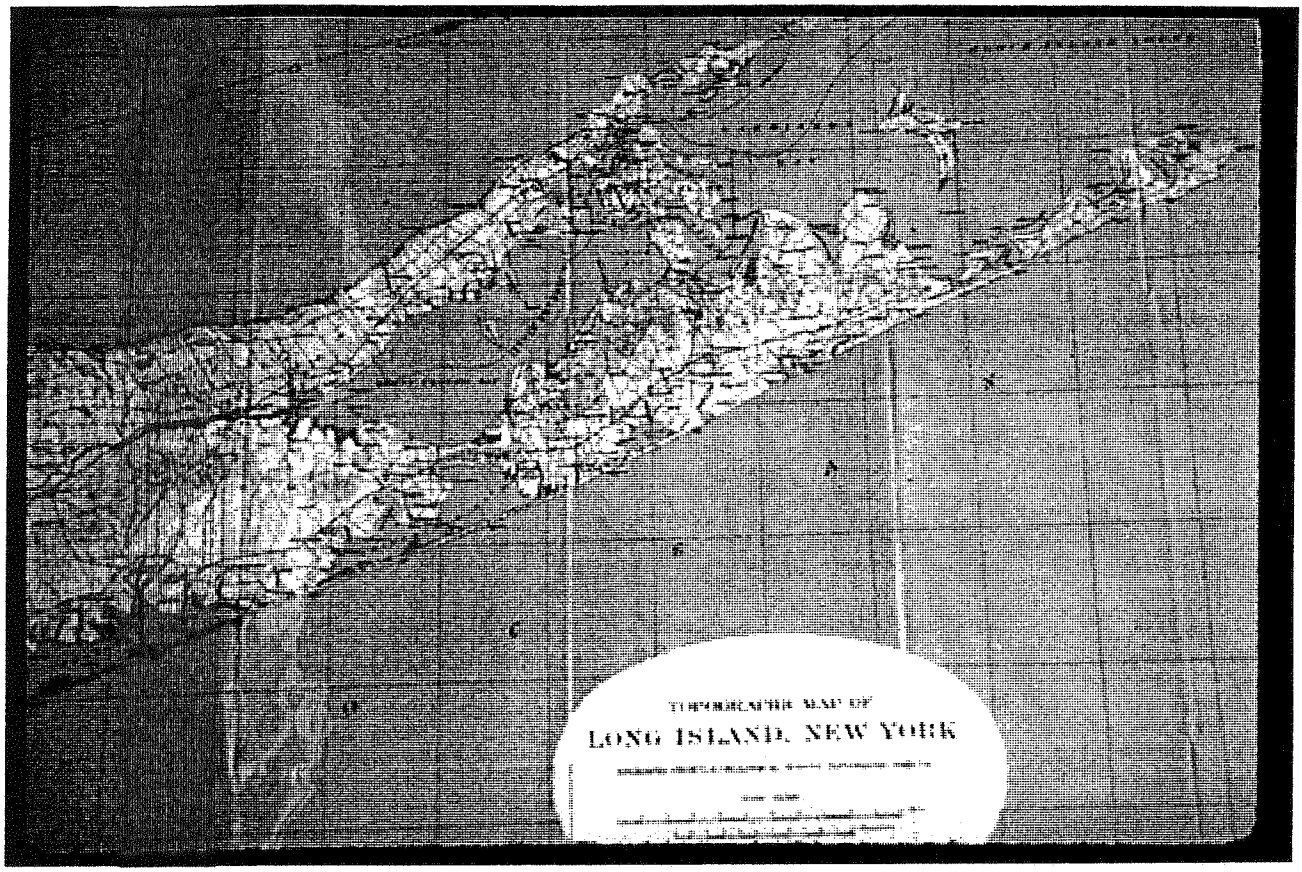


Population by Household Income in Suffolk County, N.
Digital map produced using data files generated by the U.S. Census Burea
(Courtesy State University of New York at Stony Broo

Long Island Maps Elsewhere on the Intern

Click here for a portfolio of links to other sites on the World Wide Web where you can fin Long Island ma

Return to Table of Conten



U S Geological Survey 1913

CITATIONS LIST
Database: ALLNEWS

Search Result Documents: 379

1. 11/15/99 Newsday C02, 1999 WL 8198414 Newsday BUSINESS EXPENSE ACCOUNT / Pearl's Subtle Glow Peter M. Gianotti Word Count: 289

2. 11/14/99 Newsday G10, 1999 WL 8198649 Newsday LI LIFE DINING OUT / STEVE'S PIER ONE [CORRECTION: The name of the restaurant reviewed in today's LI LIFE is Pier One. An incorrect name appears in some editions of the section, which is printed in advance. Pg. A02 NS 11/14/99] Peter M. Gianotti. STAFF WRITER Word Count: 676

3. 11/8/99 Newsday C02, 1999 WL 8197202 Newsday BUSINESS EXPENSE ACCOUNT / Dressed to Grill Peter M. Gianotti Word Count: 278

4. 11/7/99 Newsday G10, 1999 WL 8197066 Newsday QUEENS LIFE DINING OUT ChaletAlpina Peter M. Gianotti. STAFF WRITER Word Count: 666

5. 11/7/99 Newsday G10, 1999 WL 8197565 Newsday LI LIFE DINING OUT / Trattoria DiMeo Peter M. Gianotti. STAFF WRITER Word Count: 658

6. 11/1/99 Newsday C02, 1999 WL 8197374 Newsday BUSINESS EXPENSE ACCOUNT / Deli Delicious Peter M. Gianott Word Count: 337

7. 10/31/99 Newsday G10, 1999 WL 8198673 Newsday LI LIFE DINING OUT / Kawaski PETER M. GIANOTTI. STAFF WRITER Word Count: 640

8. 10/31/99 Newsday G10, 1999 WL 8198774 Newsday LI LIFE WINES OF LONG ISLAND Peter Gianotti Word Count: 113

9. 10/25/99 Newsday A06, 1999 WL 8194652 Newsday NEWS Sold' One Historic LI Vineyard Alan J. Wax. STAFF WRITER Word Count: 562

10. 10/25/99 Newsday C02, 1999 WL 8194795 Newsday BUSINESS EXPENSE ACCOUNT Mexican Food Fest Word Count: 303

11. 10/24/99 N.Y. Times Abstracts 35, 1999 WL 29283849 New York Times Abstracts ISSN: 0362-4331 Section 1 Italian Prince and Wife Buy Cradle of the L.I. Wine Industry Howard G Goldberg Word Count: 136

12. 10/24/99 Newsday G10, 1999 WL 8195289 Newsday LI LIFE DINING OUT Cafe Grappa Peter M. Gianott. iSTAFF WRITER Word Count: 692

13. 10/24/99 Newsday G10, 1999 WL 8195316 Newsday LI LIFE WINES OF LONG ISLAND PETER M. GIANOTTI. STAFF WRITER Word Count: 102

14. 10/24/99 Times Union (Alb.) D8, 1999 WL 21380105 Times Union Albany, NY CAPITAL REGION; Storied Long Island winery changes hands HOWARD G. GOLDBERG New York Times Word Count: 339

15. 10/20/99 Newsday B17, 1999 WL 8194496 Newsday FOOD & DINING FOOD DAY / WEDNESDAY / FOOD TALK Word Count: 429

16. 10/18/99 Newsday C02, 1999 WL 8194369 Newsday BUSINESS EXPENSE ACCOUNT / Relax and Enjoy Peter M. Gianotti Word Count: 277

17. 10/17/99 N.Y. Times Abstracts 17, 1999 WL 29282957 New York Times Abstracts ISSN: 0362-4331 Section 14LI Page Long Island Vines Parting of the Ways at Macari Vineyards: [Review] Howard G Goldberg Word Count: 97

18. 10/17/99 Newsday G10, 1999 WL 8194730 Newsday LI LIFE WINES OF LONG ISLAND PETER GIANOTTI Word Count: 127

19. 10/17/99 Newsday G10, 1999 WL 8196262 Newsday LI LIFE DINING OUT Peter M.Gianotti. STAFF WRITER Word Count: 720

20. 10/17/99 Newsday G10, 1999 WL 8196575 Newsday REGIONS 275 Old Country Rd. Peter M.GianottiSTAFF WRITER Word Count: 640

21. 10/13/99 Newsday A51, 1999 WL 8195438 Newsday BUSINESS & TECHNOLOGY Legislation Will Provide Tasty Profit for Wineries Alan J. Wax. STAFF WRITER Word Count: 519

22. 10/13/99 Newsday B06, 1999 WL 8195996 Newsday PART II Sometimes, WORK Is It's Own Reward / It's hard labor, to be sure, but on a beautiful fall day, there are worse placess to be than in a sunlit field picking grapes Sylvia Carter. STAFF WRITER Word Count: 2151

23. 10/12/99 N.Y. Daily News 12, 1999 WL 23487647 New York Daily News Suburban WINERIES GET PASS TO SELL YOU A GLASS ROBERT GEARTY DAILY NEWS STAFF WRITER Word Count: 224

24. 10/10/99 Newsday G10, 1999 WL 8195870 Newsday LI LIFE DINING OUT Peter M. Gianotti. STAFF WRITER Word Count: 623

25. 10/4/99 Newsday C13, 1999 WL 8193172 Newsday BUSINESS PATENTS / Entrepreneur Drawn to a Tasty Idea / Magnetic coasterssaid to improve wine Drew Fetherston. STAFF WRITER Word Count: 1010

26. 10/3/99 Newsday G10, 1999 WL 8192778 Newsday LI LIFE WINES OF LONG ISLAND Peter Gianotti Word Count: 124

27. 10/3/99 Newsday G10, 1999 WL 8192780 Newsday LI LIFE DINING OUT / Donatello West Peter Gianotti Word Count: 653

28. 9/27/99 Newsday C02, 1999 WL 8191717 Newsday BUSINESS INDIAN OVEN: 67-71 E. Old Country Rd. ... Peter M. Gianotti Word Count: 318

29. 9/26/99 N.Y. Daily News 3, 1999 WL 23485870 New York Daily News Travel AWAY FOR THE WEEKEND Word Count: 332

30. 9/26/99 Newsday G10, 1999 WL 8191936 Newsday LI LIFE Paumanok Vineyards knows where to find the sweet spot. And the ... Peter Gianotti Word Count: 96

31. 9/26/99 Newsday G10, 1999 WL 8191969 Newsday LI LIFE Maxwell's 660 Franklin Ave., Garden City 516-742-4745 (2 Stars) ... Peter Gianotti Word Count: 733

32. 9/20/99 Newsday 04, 1999 WL 8190977 Newsday EXECUTIVE EDITION Don't tell the bride and groom, but at a wedding in the Hamptons ... Jack Otter Word Count: 626

33. 9/20/99 Newsday 08, 1999 WL 8190981 Newsday EXECUTIVE EDITION By Alan J. Wax STAFF WRITER THESE ARE heady times in Long ... Alan J. Wax. STAFF WRITER Word Count: 1354

34. 9/20/99 Newsday C02, 1999 WL 8191010 Newsday BUSINESS RIALTO: 588 Westbury Ave., Carle Place 516-997-5283 Hours: Monday ... Peter M. Gianotti Word Count: 284

35. 9/17/99 Associated Press (Pg. Unavail. Online), 1999 WL 22045444 AP Online Floyd Spares East Coast Vineyards By SETH SUTEL Word Count: 447

36. 9/15/99 Newsday A53, 1999 WL 8190436 Newsday BUSINESS & TECHNOLOGY By Alan J. Wax STAFF WRITER Only weeks ago, East End vintners were ... Alan J. Wax. STAFF WRITER Word Count: 602

37. 9/15/99 Newsday B19, 1999 WL 8190310 Newsday FOOD & DINING Organic Food Sampling Something for everyone in the form of food ... Word Count: 379

38. 9/13/99 Newsday C02, 1999 WL 8190022 Newsday BUSINESS HUNAN DYNASTY 3880 Hempstead Tpke. ... Peter M. Gianotti Word Count: 305

39. 9/12/99 Newsday G08, 1999 WL 8189742 Newsday LI LIFE The 1997 vintage continues to show off its almost across-the-shelf ... Peter M. Gianotti Word Count: 106

40. 9/12/99 Newsday G08, 1999 WL 8189791 Newsday LI LIFE 661 Northern Blvd., Great Neck 516-487-9200 NORTHERN BOULEVARD ... Peter M. Gianotti Word Count: 698

41. New York Law Journal Tuesday, September 7, 1999 Starting Out ON THAT DAY OFF: SOME QUICK TRIPS FOR A LITTLE R & R 9/7/99 NYLJ S26, (col. 1)

42. 9/5/99 Newsday G08, 1999 WL 8188602 Newsday LI LIFE As you get ready to fire up that barbecue one more time, look for ... Peter M. Gianotti Word Count: 104

43. 9/5/99 Newsday G08, 1999 WL 8188645 Newsday LI LIFE 53 W. Main St., Smithtown 516-382-9744 IL VIOLINO sounds an ... Peter M. Gianotti Word Count: 565

44. 9/3/99 USA TODAY 07D, 1999 WL 6852664 USA Today LIFE Vintage forecasts: High quality from Spain, high profile for Sonoma Jerry Shriver Word Count: 293

45. 8/30/99 Newsday 23, 1999 WL 8187675 Newsday EXECUTIVE EDITION 'BUG LIGHT," as the lighthouse in Orient Harbor is affectionately ... Ellen Mitchell. Ellen Mitchell is a freelance writer Word Count: 834

46. 8/30/99 Newsday C02, 1999 WL 8187728 Newsday BUSINESS SHOW WIN 325 Fort Salonga Rd., Northport 516-261-6622 Hours: ... Peter M. Gianotti Word Count: 313

47. 8/29/99 Newsday G10, 1999 WL 8187468 Newsday LI LIFE (1 Star) ASSESSMENT: Show time. OPEN: Dinner six days; closed ... Peter M. Gianotti Word Count: 667

48. 8/23/99 Newsday A13, 1999 WL 8186426 Newsday NEWS IN THE 21st Century, Long Island films may make a name for ... Steve Parks. STAFF WRITER Word Count: 1071

49. 8/22/99 Newsday G10, 1999 WL 8186612 Newsday LI LIFE Corey Creek Vineyards in Southold, a dependable source of ... Peter M. Gianotti Word Count: 134

50. 8/16/99 Newsday C02, 1999 WL 8186988 Newsday BUSINESS 1141 E. Jericho Tpke., Huntington 516-547-5534 Hours: Every day ... Peter M. Gianotti Word Count: 335

51. 8/15/99 Grand Rapids Press A6, 1999 WL 22963025 The Grand Rapids Press National Winemakers aren't whining about drought Pat Milton The Associated Press Word Count: 644

52. 8/15/99 Newsday G10, 1999 WL 8185294 Newsday LI LIFE Time for a couple of summery whites. ... Peter M. Gianotti Word Count: 125

53. 8/12/99 N.Y. Daily News 9, 1999 WL 23481705 New York Daily News Suburban RAIN REIGNS IN SUFFOLK ROBERT GEARTY DAILY NEWS STAFF WRITER With Debbie Tuma Word Count: 577

54. 8/11/99 Wall St. J. B10 1999 WL-WSJ 5463981 The Wall Street Journal 'Some Like It Hot,' Say Grape Growers Of Region's Drought --- Vintners Know Dry Weather Makes for Better Wine; Other Farmers Crave Rain Word Count: 439

55. 8/11/99 Newsday B07, 1999 WL 8184590 Newsday PART II THE SPACIOUS kitchen of Vincent and Joni Carosella was ready for ... Erica Marcus. STAFF WRITER Word Count: 2477

56. 8/10/99 Atlanta J. & Atlanta Const. F;6, 1999 WL 3790135 The Atlanta Journal Business FEAST OR FAMINE: Hot and dry weather could give winemakers from Virginia to New England a great wine Pat Milton Word Count: 631

57. 8/10/99 Austin Am.-Statesman D1, 1999 WL 7423045 Austin American-Statesman Drought bodes well for wine, // If weather holds, 1999 could be a great vintage as dry weather makes Northeast growers giddy Pat Milton Word Count: 631

58. 8/10/99 Charleston Gazette & Daily Mail (WV) P7B, 1999 WL 6739641 the Charleston Gazette HEADLINE: It's a great year for wine Grapes produce better flavor in hot, dry weather The Associated Press Word Count: 651

59. 8/10/99 Patriot Ledger (Quincy Mass.) 13, 1999 WL 8469891 The Patriot Ledger Quincy, MA News Drought has been great for vintners PAT MILTON Word Count: 634

60. 8/9/99 Associated Press (Pg. Unavail. Online), 1999 WL 22031928 AP Online Drought Good for Winemakers By PAT MILTON Word Count: 635

61. 8/8/99 Newsday G10, 1999 WL 8184692 Newsday LI LIFE 31 Race Lane, East Hampton, 516-324-3199 ASSESSMENT: New cycle. ... PETER M GIANTOTTI Word Count: 661

62. 8/8/99 Newsday G10, 1999 WL 8184710 Newsday LI LIFE Ternhaven Cellars specializes in reds. And the young Greenport ... Peter M. Gianotti Word Count: 135

63. 8/5/99 Newsday A08, 1999 WL 8184199 Newsday NEWS The vineyard owner sat outside his tasting room on a wooden ... Marcelo Ballv. STAFF WRITER Word Count: 539

64. 8/2/99 Newsday C03, 1999 WL 8183581 Newsday BUSINESS CHASE MANHATTAN Bank has had it with stormy weather. ... James T. Madore; Jamie Martorana; Alan J. Wax Word Count: 805

65. 8/1/99 Newsday G10, 1999 WL 8183349 Newsday LI LIFE Alison in the Inn 47 Quogue St., Quogue 516-653-6800 (2 stars) ... PETER M. GIANOTTI Word Count: 643

66. 8/1/99 Newsday G10, 1999 WL 8183432 Newsday LI LIFE Osprey's Dominion in Peconic has built one of the East End's more ... Peter Gianotti Word Count: 103

67. 8/1/99 Restaurant Hospitality 68, 1999 WL 10249222 Restaurant Hospitality Volume 83, Issue 8; ISSN: 0147-9989 Life beyond California Catherine Fall Word Count: 601

68. 7/18/99 Newsday G10, 1999 WL 8181430 Newsday LI LIFE DINING OUT / Villa Sorrento PETER M. GIANOTTI Word Count: 596

69. 7/18/99 Newsday G10, 1999 WL 8181432 Newsday LI LIFE DINING OUT / WINES OF LONG ISLAND Gianotti Word Count: 124

70. 7/18/99 Newsday G11, 1999 WL 8181470 Newsday QUEENS LIFE DINING OUT / SHUMA PETER. M. GIANOTTI Word Count: 670

71. 7/12/99 Newsday 03, 1999 WL 8180533 Newsday EXECUTIVE EDITION F.Y.I / What's hot this week / LI Farmers' Fancy Turns From Spuds Word Count: 910

72. 7/12/99 Newsday C08, 1999 WL 8180553 Newsday BUSINESS Hearty Appetite For Grapes / New Money flows into LI's wine industry Alan J. Wax. STAFF WRITER Word Count: 1417

73. 7/12/99 Newsday C09, 1999 WL 8180552 Newsday BUSINESS How Locals Stack Up Peter M. Gianotti. STAFF WRITER. Gianotti is the author of "Newsday's Guide to the Wines of Long Island." Word Count: 322

74. 7/11/99 Newsday E14, 1999 WL 8180486 Newsday TRAVEL WEEKEND ON A BUDGET / BLOCK ISLAND GETAWAY / A Challenge of Charming Choices / Bring your own bike, browse the markets and splurge on lobster. SIDEBAR: THE BOTTOM LINE / UNDER 4 HRS, UNDER $400 (see end of text) Beth Whitehouse. STAFF WRITER Word Count: 1764

75. 7/11/99 Newsday G10, 1999 WL 8180350 Newsday LI LIFE WINES OF LONG ISLAND Peter M. Gianotti Word Count: 124

76. 7/11/99 Newsday G10, 1999 WL 8180352 Newsday LI LIFE DINING OUT / Camille's PETER M. GIANOTTI Word Count: 661

77. 7/4/99 Newsday G08, 1999 WL 8179491 Newsday LI LIFE DINING OUT PETER M. GIANOTTI Word Count: 683

78. 7/4/99 Newsday G08, 1999 WL 8179492 Newsday LI LIFE WINES OF LONG ISLAND Peter Gianotti Word Count: 150

79. 7/3/99 Newsday A04, 1999 WL 8179247 Newsday NEWS Sale of Fine Wineries / Two sold as LI continues to gain recognition Tom Incantalupo. STAFF WRITER Word Count: 408

80. 6/27/99 Newsday G10, 1999 WL 8179031 Newsday LI LIFE WINES OF LONG ISLAND Peter M. Gianotti Word Count: 148

81. 6/21/99 Newsday C02, 1999 WL 8177655 Newsday BUSINESS EXPENSE ACCOUNT / Good Raw or Cooked Peter M. Gianotti Word Count: 304

82. 6/20/99 Newsday E07, 1999 WL 8177490 Newsday TRAVEL ITINERARY IDEAS Martin Hollander. STAFF WRITER Word Count: 593

83. 6/20/99 Newsday G10, 1999 WL 8177528 Newsday LI LIFE DINING OUT / The Beacon PETER M. GIANOTTI Word Count: 641

84. 6/20/99 Newsday G10, 1999 WL 8177530 Newsday LI LIFE WINES OF LONG ISLAND Peter M. Gianotti Word Count: 146

85. 6/13/99 Newsday G29, 1999 WL 8176530 Newsday LI LIFE WINES OF LONG ISLAND Peter M. Gianotti Word Count: 148

86. 6/13/99 Newsday G29, 1999 WL 8176531 Newsday LI LIFE DINING OUT / Allen & Company PETER M. GIANOTTI Word Count: 660

87. 6/9/99 Newsday B16, 1999 WL 8175913 Newsday FOOD & DINING FOOD DAY WEDNESDAY / Wines of Long / The Great White Grape: Riesling Michael

Dresser. DISTRIBUTED BY LOS ANGELES TIMES-WASHINGTON POST NEWS SERVIC Word Count: 613

88. 6/7/99 N.Y. Daily News 17, 1999 WL 17234682 New York Daily News News TODAY IN NEW YORK SHARON KING Word Count: 1291

89. 6/6/99 N.Y. Daily News 10, 1999 WL 17234527 New York Daily News Suburban LOCAL WINE A HIT AT WHITE HOUSE ROBERT GEARTY Word Count: 568

90. 6/6/99 Newsday G10, 1999 WL 8175415 Newsday LI LIFE WINES OF LONG ISLAND Peter M. Gianotti Word Count: 141

91. 6/2/99 Newsday B17, 1999 WL 8174759 Newsday FOOD & DINING Food Day / WEDNESDAY / FOOD TALK Word Count: 390

92. 5/30/99 Newsday G08, 1999 WL 8174308 Newsday LI LIFE WINES OF LONG ISLAND Peter M. Gianotti Word Count: 127

93. 5/30/99 Newsday G08, 1999 WL 8174351 Newsday LI LIFE DINING OUT PETER M. GIANOTTI Word Count: 758

94. 5/28/99 Newsday C03, 1999 WL 8174079 Newsday REAL ESTATE HOME OF THE WEEK / Former Boarding House Tommi Jackson Word Count: 195

95. 5/24/99 Newsday C02, 1999 WL 8173372 Newsday BUSINESS EXPENSE ACCOUNT / Bella Italian Fare Peter M. Gianotti Word Count: 291

96. 5/24/99 Newsday C03, 1999 WL 8173414 Newsday BUSINESS INSIDE STORIES / Mattituck winery gets special order / When White House Calls, Be Ready Jamie Martorana, Alan J. Wax Word Count: 952

97. 5/24/99 Travel Agent 142, 1999 WL 10884628 Travel Agent ISSN: 1053-9360 Wine Tours With Taste.(New York State) Word Count: 870

98. 5/23/99 Newsday G10, 1999 WL 8173193 Newsday LI LIFE WINES OF LONG ISLAND PETER M. GIANOTTI Word Count: 113

99. 5/23/99 Newsday G12, 1999 WL 8173131 Newsday QUEENS LIFE DINING OUT Peter M. Gianotti Word Count: 689

100. 5/16/99 Newsday G09, 1999 WL 8172122 Newsday LI LIFE WINES OF LONG ISLAND Peter Gianotti Word Count: 98

101. 5/12/99 Newsday A49, 1999 WL 8171525 Newsday BUSINESS For a Fee, a Little Slice of Wine Country Alan J. Wax. STAFF WRITER Word Count: 468

102. 5/9/99 Newsday G10, 1999 WL 8170974 Newsday LI LIFE DINING OUT PETER M. GIANOTTI Word Count: 644

103. 5/9/99 Newsday G10, 1999 WL 8171107 Newsday LI LIFE WINES OF LONG ISLAND PETER M. GIANOTTI Word Count: 140

104. 5/5/99 N.Y. Daily News 17, 1999 WL 17231637 New York Daily News News TODAY IN NEW YORK SHARON KING Word Count: 1270

105. 5/2/99 Newsday G10, 1999 WL 8169759 Newsday LI LIFE DINING OUT PETER M. GIANOTTI Word Count: 673

106. 5/2/99 Newsday G10, 1999 WL 8169797 Newsday LI LIFE WINE OF LONG ISLAND Peter Gianotti Word Count: 161

107. 5/2/99 Newsday G15, 1999 WL 8169804 Newsday QUEENS LIFE DINING OUT PETER M. GIANOTTI Word Count: 676

108. 5/1/99 Times London 22, 1999 WL 7990933 The Times of London Features The Big Apple of her eye Ben Macintyre Word Count: 950

109. 4/26/99 Time Mag. 20, 1999 WL 15940860 Time Magazine Issue: April 26, 1999 Vol. 153 No. 16 Notebook Senator Clinton? The First Lady Gets into A New York State of Mind Karen Tumulty/Washington Word Count: 207

110. 4/25/99 Newsday G10, 1999 WL 8168662 Newsday LI LIFE WINES OF LONG ISLAND PETER M. GIANOTTI Word Count: 125

111. 4/25/99 Newsday G10, 1999 WL 8168663 Newsday LI LIFE DINING OUT PETER M. GIANOTTI Word Count: 684

112. 4/18/99 Newsday A53, 1999 WL 8167590 Newsday NEWS LONG ISLAND: OUR FUTURE / Chapter 4: Environment and Energy / THE FUTURE IS NOW / THROUGH THE GRAPEVINE / 'Gene gun' aims for engineered crops that rely less on toxic pesticides DAN FAGIN. STAFF WRITER Word Count: 923

113. 4/18/99 Newsday G08, 1999 WL 8167710 Newsday LI LIFE WINES OF LONG ISLAND Peter M. Gianotti Word Count: 113

114. 4/18/99 Newsday G08, 1999 WL 8167711 Newsday LI LIFE DINING OUT PETER M. GIANOTTI Word Count: 723

115. 4/17/99 Independent (London) 21, 1999 WL 15739533 The Independent - London Features Travel: New York: An island of vine romance Thirsty travellers beware; there's a lot more to drink in Long Island t han Iced Tea. By Anthony Rose Anthony Rose Word Count: 1165

116. 4/14/99 Newsday B20, 1999 WL 8167036 Newsday FOOD & DINING FOOD DAY / WEDNESDAY / WINES OF LONG ISLAND / Wines to Add Life to the Party Michael Dresser. THE BALTIMORE SUN Word Count: 570

117. 4/11/99 Newsday G06, 1999 WL 8166559 Newsday LI LIFE DINING OUT PETER M. GIANOTTI Word Count: 644

118. 4/11/99 Newsday G06, 1999 WL 8166522 Newsday LI LIFE WINES OF LONG ISLAND / Paumanok's Riesling Is Well recommended Peter M. Gianotti Word Count: 125

119. 4/4/99 Newsday G08, 1999 WL 8165364 Newsday LI LIFE DINING OUT

PETER M. GIANOTTI Word Count: 664

120. 4/4/99 Newsday G08, 1999 WL 8165305 Newsday LI LIFE WINES OF LONG ISLAND Peter M. Gianotti Word Count: 146

121. 3/31/99 Newsday B20, 1999 WL 8164680 Newsday PART II FOOD DAY / WEDNESDAY / FOOD TALK COMPILED BY BERNADETTE WHEELER Word Count: 376

122. 3/29/99 Newsday C02, 1999 WL 8164365 Newsday BUSINESS EXPENSE ACCOUNT / Hearty German Fare Peter M. Gianotti Word Count: 299

123. 3/28/99 Newsday G08, 1999 WL 8164221 Newsday LI LIFE DINING OUT PETER M. GIANOTTI Word Count: 673

124. 3/28/99 Newsday G08, 1999 WL 8164223 Newsday LI LIFE WINES OF LONG ISLAND Peter M. Gianotti Word Count: 130

125. 3/24/99 Syracuse Newspapers E1, 1999 WL 4673622 The Post-Standard Syracuse, NY Lifestyle Wine BINGHAMTON PAIR SPIKES ITS WINES WITH HEMP JIM REILLY STAFF WRITER Word Count: 1051

126. 3/22/99 Newsday C02, 1999 WL 8163282 Newsday BUSINESS EXPENSE ACCOUNT / Regal Dim Sum Peter M. Gianotti Word Count: 347

127. 3/21/99 Newsday G09, 1999 WL 8163039 Newsday LI LIFE WINES OF LONG ISLAND PETER M. GIANOTTI Word Count: 148

128. 3/21/99 Newsday G09, 1999 WL 8163041 Newsday LI LIFE DINING OUT PETER M. GIANOTTI Word Count: 685

129. 3/15/99 Newsday C02, 1999 WL 8162157 Newsday BUSINESS EXPENSE ACCOUNT / Its Business Is Beef Peter M. Gianotti Word Count: 308

130. 3/14/99 Newsday G08, 1999 WL 8161964 Newsday LI LIFE WINES OF LONG ISLAND Peter M. Gianotti Word Count: 117

131. 3/7/99 Newsday G08, 1999 WL 8160681 Newsday LI LIFE WINES OF LONG ISLAND Peter M. Gianotti Word Count: 151

132. 3/7/99 Newsday G08, 1999 WL 8160754 Newsday LI LIFE DINING OUT / Bombay Palace PETER M. GIANOTTI Word Count: 672

133. 3/4/99 Newsday B20, 1999 WL 8160219 Newsday HOME & GARDENS GARDEN CALENDAR COMPILED BY ALICE NORKETT Word Count: 273

134. 2/28/99 Newsday G08, 1999 WL 8159587 Newsday LI LIFE WINES OF LONG ISLAND Peter M. Gianotti Word Count: 151

135. 2/23/99 Newsday A03, 1999 WL 8158667 Newsday NEWS Spirits, Sweets and Sick Leave / Ill for county job; fit as vintner Elizabeth Moore. STAFF WRITER Word Count: 554

136. 2/22/99 Newsday C02, 1999 WL 8158566 Newsday BUSINESS EXPENSE

ACCOUNT / Steadfast Steak Spot Peter M. Gianotti Word Count: 299

137. 2/21/99 Newsday G08, 1999 WL 8158420 Newsday LI LIFE DINING OUT / Elephant Room PETER M. GIANOTTI Word Count: 571

138. 2/21/99 Newsday G08, 1999 WL 8158445 Newsday LI LIFE WINES OF LONG ISLAND Peter M. Gianotti Word Count: 143

139. 2/14/99 Newsday G09, 1999 WL 8157272 Newsday LI LIFE WINES OF LONG ISLAND Peter M. Gianotti Word Count: 155

140. 2/14/99 Newsday G09, 1999 WL 8157329 Newsday LI LIFE DINING OUT PETER M. GIANOTTI Word Count: 730

141. 2/7/99 Newsday G08, 1999 WL 8156161 Newsday LI LIFE WINES OF LONG ISLAND Peter M. Gianotti Word Count: 102

142. 2/6/99 Newsday A06, 1999 WL 8155946 Newsday NEWS Health Label For Wines Alan J. Wax. STAFF WRITER; This story was supplemented by The Associated Press. Word Count: 525

143. 2/1/99 Wines & Vines (Pg. Unavail. Online), 1999 WL 11582008 Wines & Vines A Wines & Vines special report: harvest 1998.(grape harvesting) Don Luvisi Glenn McGourty Philip R. Wente Maxwell Norton Larry Bettiga Ed Weber Paul S. Verdegaal Buck Cobb Rhonda Smith Alex Yakut Al Wierdekehr Rick Hamman Bruce Bordelon Jack Johnston Charlene Selbee Tim Martinson Alice Wise John F. Griggs George Ray McEachern Tony K. Wolf Wade Wolfe Word Count: 9809

144. 1/31/99 Newsday G08, 1999 WL 8155111 Newsday LI LIFE WINES OF LONG ISLAND Peter Gianotti Word Count: 102

145. 1/31/99 Newsday G08, 1999 WL 8155115 Newsday LI LIFE DINING OUT PETER GIANOTTI Word Count: 630

146. 1/13/99 Newsday B18, 1999 WL 8154139 Newsday FOOD & DINING FOOD TALK COMPILED BY BERNADETTE WHEELER Word Count: 345

147. 1/10/99 Newsday G08, 1999 WL 8150565 Newsday LI LIFE DINING OUT BY PETER M. GIANOTTI Word Count: 742

148. 1/10/99 Newsday G08, 1999 WL 8152460 Newsday LI LIFE DINING OUT PETER M. GIANOTTI Word Count: 750

149. 1/4/99 Newsday C02, 1999 WL 8151768 Newsday BUSINESS EXPENSE ACCOUNT / Tasty Reincarnation Peter M. Gianotti Word Count: 306

150. 12/28/98 Newsday C02, 1998 WL 2699638 Newsday BUSINESS EXPENSE ACCOUNT / Dependable Chinese Peter M. Gianotti Word Count: 314

151. 12/27/98 N.Y. Times Abstracts 12, 1998 WL 22339089 New York Times Section LI Page 4 Long Island Vines Goldberg, Howard G Word Count: 61

152. 12/21/98 Newsday C02, 1998 WL 2699033 Newsday BUSINESS EXPENSE ACCOUNT / Bring On the Burgers Peter M. Gianotti Word Count: 325

153. 12/18/98 Newsday B28, 1998 WL 2698661 Newsday PART II/WEEKEND FOOD DAY / Wines of Long Island Word Count: 242

154. 12/14/98 Newsday C02, 1998 WL 2698129 Newsday BUSINESS EXPENSE ACCOUNT / Cuisine to Count On Peter M. Gianotti Word Count: 316

155. 12/13/98 Newsday G08, 1998 WL 2697927 Newsday LI LIFE DINING OUT BY PETER M. GIANOTTI Word Count: 711

156. 12/7/98 Newsday C02, 1998 WL 2697190 Newsday BUSINESS EXPENSE ACCOUNT / A Cozy Lunch Peter M. Gianotti Word Count: 313

157. 12/6/98 Newsday G05, 1998 WL 2696964 Newsday LI LIFE DINING OUT BY PETER M. GIANOTTI Word Count: 775

158. 12/4/98 Newsday B24, 1998 WL 2696748 Newsday PART II/WEEKEND Wines of Long Island Peter M. Gianotti Word Count: 297

159. 11/30/98 Newsday C02, 1998 WL 2696220 Newsday BUSINESS EXPENSE ACCOUNT / Familiar Indian Fare Peter M. Gianotti Word Count: 313

160. 11/29/98 Newsday G07, 1998 WL 2696121 Newsday LI LIFE DINING OUT BY PETER M. GIANOTTI Word Count: 759

161. 11/25/98 San Diego Union & Trib. B7:1,6,7,8;B9:2,3,4,5, 1998 WL 20062497 The San Diego Union-Tribune LOCAL WORLD & NATIOAL OBITUARIES MICHAEL TODD Wine magazine publisher; 51 Word Count: 135

162. 11/23/98 Newsday C02, 1998 WL 2695362 Newsday BUSINESS EXPENSE ACCOUNT / Toast to the French Peter M. Gianotti Word Count: 323

163. 11/22/98 N.Y. Daily News 62, 1998 WL 21935110 New York Daily News Sunday Extra CHILL OUT IN COMFORT ZONE ALES WELL & SPAETZLE'S SPECIAL AT DROVERS, WHERE YOU GET HOMEY COOKING. PAUL SCHULTZ Word Count: 743

164. 11/22/98 Newsday G06, 1998 WL 2695195 Newsday LI LIFE DINING OUT BY PETER M. GIANOTTI Word Count: 780

165. 11/21/98 Newsday A32, 1998 WL 2695000 Newsday NEWS OBITUARIES / Robert Schoolsky, Ex-Newsday Wine Columnist, Dies By Alan J. Wax. STAFF WRITER Word Count: 419

166. 11/20/98 Newsday A35, 1998 WL 2694869 Newsday NEWS Nursing Home Operation at Issue By Elizabeth Moore. STAFF WRITER Word Count: 680

167. 11/20/98 Newsday B28, 1998 WL 2694915 Newsday PART II/WEEKEND FOOD DAY / Wines of Long Island Peter M. Gianotti Word Count: 301

168. 11/16/98 Newsday C02, 1998 WL 2694362 Newsday BUSINESS EXPENSE ACCOUNT / Eat in Italian Comfort Peter M. Gianotti Word Count: 323

169. 11/15/98 Newsday G10, 1998 WL 2694261 Newsday LI LIFE DINING OUT BY PETER M. GIANOTTI Word Count: 771

170. 11/9/98 Newsday C02, 1998 WL 2693357 Newsday BUSINESS EXPENSE ACCOUNT / Cuisine With Flair Peter M. Gianotti Word Count: 310

171. 11/8/98 Newsday G07, 1998 WL 2693219 Newsday LI LIFE DINING OUT BY PETER M. GIANOTTI Word Count: 739

172. 11/6/98 Newsday B26, 1998 WL 2692911 Newsday PART II/WEEKEND FOOD DAY / Wines of Long Island Peter M. Gianotti Word Count: 305

173. 11/2/98 Newsday C02, 1998 WL 2692310 Newsday BUSINESS EXPENSE ACCOUNT / Tasty and Tasteful Peter M. Gianotti Word Count: 333

174. 11/1/98 Newsday G08, 1998 WL 2692206 Newsday LI LIFE DINING OUT BY PETER M. GIANOTTI Word Count: 767

175. 10/29/98 Newsday G13, 1998 WL 2700116 Newsday QUEENS LIFE DINING OUT Peter M. Gianotti Word Count: 708

176. 10/26/98 Newsday C02, 1998 WL 2691269 Newsday BUSINESS EXPENSE ACCOUNT / Cafe Is Hidden Gem Peter M. Gianotti Word Count: 325

177. 10/25/98 Newsday G06, 1998 WL 2691174 Newsday LI LIFE DINING OUT BY PETER M. GIANOTTI Word Count: 773

178. 10/23/98 Newsday B26, 1998 WL 2690844 Newsday PART II/WEEKEND FOOD / Wines of Long Island Peter M. Gianotti Word Count: 290

179. 10/19/98 Newsday C02, 1998 WL 2690282 Newsday BUSINESS EXPENSE ACCOUNT / Thai Lover's Delight Peter M. Gianotti Word Count: 347

180. 10/18/98 Times Union (Alb.) J1, 1998 WL 15816125 Times Union (Albany, NY) TRAVEL LATE AUTUMN HARVEST Long Island's exclusive vineyards yield some of the nation's best wines FRED LEBRUN Word Count: 1450

181. 10/11/98 Newsday G06, 1998 WL 2688734 Newsday LI LIFE DINING OUT BY PETER M. GIANOTTI Word Count: 751

182. 10/9/98 Newsday B26, 1998 WL 2689378 Newsday PART II/WEEKEND Wines of Long Island Peter M. Gianotti Word Count: 264

183. 10/4/98 Newsday G07, 1998 WL 2688047 Newsday LI LIFE DINING OUT BY PETER M. GIANOTTI Word Count: 742

184. 10/1/98 St. Louis Post-Dispatch 11, 1998 WL 3354902 St. Louis Post-Dispatch GET OUT ON WINE: A MODERATE INDULGENCE Word Count: 248

185. 9/30/98 Buff. News D3, 1998 WL 6043928 Buffalo News LIFESTYLES THE GRAPES OF LONG ISLAND ROBIN STANSBURY Word Count: 814

186. 9/27/98 Newsday G10, 1998 WL 2687648 Newsday LI LIFE DINING OUT BY

PETER M. GIANOTTI Word Count: 746

187. 9/27/98 Newsday H03, 1998 WL 2686970 Newsday LI LIFE CELEBRATE HUNTINGTON. THE LONG ISLAND FALL FESTIVAL AT HUNTINGTON / A FEAST OF FUN FOR EVERYONE - AT LONG ISLAND'S LARGEST FESTIVAL Produced by Newsday Special Sections with the cooperation of the Huntington Township Chamber of Commerce and Epoch 5 Marketing. Word Count: 1900

188. 9/27/98 Newsday H15, 1998 WL 2686969 Newsday LI LIFE CELEBRATE HUNTINGTON. THE LONG ISLAND FALL FESTIVAL AT HUNTINGTON / What's Happening AT the Fair Produced by Newsday Special Sections with the cooperation of the Huntington Township Chamber of Commerce and Epoch 5 Marketing. Word Count: 650

189. 9/25/98 Newsday B32, 1998 WL 2686744 Newsday PART II/WEEKEND FOOD DAY / Wines of Long Island Peter M. Gianotti Word Count: 278

190. 9/20/98 Newsday G06, 1998 WL 2686011 Newsday LI LIFE DINING OUT BY PETER M. GIANOTTI Word Count: 755

191. 9/20/98 Newsday G08, 1998 WL 2686102 Newsday QUEENS LIFE DINING OUT BY PETER M. GIANOTTI Word Count: 717

192. 9/20/98 Palm Beach Post 1I, 1998 WL 19908529 The Palm Beach Post TRAVEL LONG ISLAND NOW A GRAPE PLACE TO VISIT FINE WINERIES UNCORK NEW IMAGE FOR AREA Gary Glancy Special to The Palm Beach Post Word Count: 1196

193. 9/20/98 Rec. N. N.J. T09, 1998 WL 5819563 The Record, Northern New Jersey TRAVEL CELEBRATING 25 YEARS OF WINEMAKING MELANIE AXELROD Word Count: 865

194. 9/20/98 Rec. N. N.J. T09, 1998 WL 5819564 The Record, Northern New Jersey TRAVEL WHERE LONG ISLAND IS LAID-BACK By MELANIE AXELROD, Staff Writer Word Count: 1085

195. 9/18/98 Newsday B25, 1998 WL 2685733 Newsday PART II/WEEKEND FOOD DAY / FRIDAY / COOKING WITH...John Ross of Ross' North Fork Restaurant / Adding Local Wines to the Recipe By Erica Marcus. STAFF WRITER Word Count: 647

196. 9/16/98 Buff. News D1, 1998 WL 6040772 Buffalo News LIFESTYLES A NEW YORK STATE OF WINE JANICE OKUN/ News Food Editor Word Count: 1230

197. 9/16/98 U.S. Newswire (Pg. Unavail. Online), 1998 WL 13605462 U.S. Newswire New York's '98 Vintage: Early, Small, Potentially Great Word Count: 455

198. 9/14/98 Newsday C02, 1998 WL 2685290 Newsday BUSINESS EXPENSE ACCOUNT / The Casual Ideal Peter M. Gianotti Word Count: 332

199. 9/13/98 Newsday G05, 1998 WL 2685035 Newsday LI LIFE DINING OUT BY PETER M. GIANOTTI Word Count: 753

200. 9/11/98 Newsday B21, 1998 WL 2684818 Newsday PART II/WEEKEND Wines of Long Island Peter M. Gianotti Word Count: 276

201. 9/6/98 Hartford Courant F1, 1998 WL 12427953 The Hartford Courant TRAVEL PREMIUM WINE COUNTRY LONG ISLAND'S VINEYARDS ARE A SAMPLER'S DELIGHT ROBIN STANSBURY; Courant Staff Writer Word Count: 1279

202. 9/6/98 Hartford Courant F6, 1998 WL 12427955 The Hartford Courant TRAVEL TRIP TIPS ROBIN STANSBURY Word Count: 440

203. 9/6/98 Newsday G08, 1998 WL 2684233 Newsday LI LIFE DINING OUT BY PETER M. GIANOTTI Word Count: 781

204. 9/4/98 Wall St. J. W6 1998 WL-WSJ 18983306 The Wall Street Journal WEEKEND JOURNAL Tastings: Long Island Makes Good Wines, Honest --- Attention, Label Snobs: North Fork Vineyards Are Improving With Age By Dorothy J. Gaiter and John Brecher Word Count: 1250

205. 8/31/98 Newsday C02, 1998 WL 2683522 Newsday BUSINESS EXPENSE ACCOUNT / Consistent Elegance Peter M. Gianotti Word Count: 315

206. 8/30/98 Newsday G10, 1998 WL 2683437 Newsday LI LIFE DINING OUT BY PETER M. GIANOTTI Word Count: 740

207. 8/28/98 Newsday B24, 1998 WL 2683137 Newsday PART II/WEEKEND FOOD DAY / FRIDAY / WINES OF LONG ISLAND Peter M. Gianotti Word Count: 276

208. 8/26/98 Star-Ledger (Newark N.J.) 052, 1998 WL 16954796 The Star-Ledger Newark, NJ SAVOR Quality of Long Island wines belies their lack of experience or expense T.J. Foderaro Word Count: 955

209. 8/24/98 Newsday C02, 1998 WL 2682687 Newsday BUSINESS EXPENSE ACCOUNT / Real Italian, Real Good Peter M. Gianotti Word Count: 316

210. 8/23/98 Newsday G09, 1998 WL 2682576 Newsday LI LIFE DINING OUT BY PETER M. GIANOTTI Word Count: 771

211. 8/17/98 Newsday C02, 1998 WL 2681836 Newsday BUSINESS EXPENSE ACCOUNT / Diner Is Real McCoy Peter M. Gianotti Word Count: 311

212. 8/16/98 N.Y. Times Abstracts 12, 1998 WL 5422939 New York Times Section LI —Page 3 In Tasting, L.I. Wines Hold Own vs. French SCHOLEM, RICHARD JAY Word Count: 289

213. 8/16/98 Newsday G19, 1998 WL 2681690 Newsday LI LIFE DINING OUT BY PETER M. GIANOTTI Word Count: 721

214. 8/14/98 Newsday B22, 1998 WL 2681448 Newsday PART II/WEEKEND FOOD DAY / FRIDAY / Wines of Long Island Word Count: 297

215. 8/13/98 Newsday A52, 1998 WL 2681265 Newsday BUSINESS Star Winemaker Takes Skill West/ Dan Kleck of Palmer Vineyardsis leaving to join Calif. producer. By Alan J. Wax. STAFF WRITER Word Count: 445

216. 8/10/98 Newsday C02, 1998 WL 2680933 Newsday BUSINESS EXPENSE ACCOUNT / Dim Sum Sans Carts Peter M. Gianotti Word Count: 327

217. 8/9/98 Newsday G08, 1998 WL 2680786 Newsday LI LIFE DINING OUT BY PETER M. GIANOTTI Word Count: 753

218. 8/9/98 Times Union (Alb.) I5, 1998 WL 15803975 Times Union (Albany, NY) ARTS Wining and dining on Long Island's North Fork WILLIAM M. DOWD Associate Editor Word Count: 1597

219. 8/5/98 Plain Dealer (Clev.) 4F, 1998 WL 4147664 The Plain Dealer Cleveland, OH FOOD WINES AND SPIRITS LONG ISLAND VINTNERS GIVING UP LABOR OF LOVE FRANK J. PRIAL NEW YORK TIMES Word Count: 923

220. 8/3/98 Newsday C02, 1998 WL 2680088 Newsday BUSINESS EXPENSE ACCOUNT / Chow at Chaophaya Peter M. Gianotti Word Count: 315

221. 8/2/98 Newsday G08, 1998 WL 2679992 Newsday LI LIFE DINING OUT Peter M. Gianotti Word Count: 759

222. 7/27/98 Newsday C02, 1998 WL 2679456 Newsday BUSINESS EXPENSE ACCOUNT / Chinese Fare Blooms Peter M. Gianotti Word Count: 332

223. 7/26/98 Newsday G07, 1998 WL 2679206 Newsday LI LIFE DINING OUT BY PETER M. GIANOTTI Word Count: 740

224. 7/20/98 Newsday A25, 1998 WL 2678442 Newsday VIEWPOINTS THE NEWSDAY INTERVIEW WITH LOUISA AND ALEX HARGRAVE They were interviewed by staff writer Alan J. Wax. Word Count: 1233

225. 7/17/98 Newsday B24, 1998 WL 2678058 Newsday PART II/WEEKEND FOOD DAY / FRIDAY / Wines of Long Island Peter M. Gianotti Word Count: 287

226. 7/17/98 Newsday D09, 1998 WL 2678067 Newsday NEWS WEEK IN WHEELS / PIT STOP / Rallies For Jeeps and Saabs By Lynn Petry. STAFF WRITER E-mail: petry@newsday.com Word Count: 804

227. 7/8/98 Newsday B06, 1998 WL 2677111 Newsday PART II Aged TO PERFECTION / Alex and Louisa Hargrave had a dream of producing wine on Long Island. After 25 years and numerous successes, they're selling the vineyard and moving on. Alan J Wax. Word Count: 2112

228. 7/3/98 Newsday B20, 1998 WL 2676515 Newsday PART II/WEEKEND FOOD DAY / Wines of Long Island Peter M. Gianotti Word Count: 289

229. 6/19/98 Newsday B39, 1998 WL 2674686 Newsday PART II/WEEKEND WINES OF LONG ISLAND Peter M. Gianotti Word Count: 281

230. 6/19/98 Newsday B39, 1998 WL 2674687 Newsday PART II/WEEKEND FOOD TALK Bernadette Wheeler Word Count: 271

231. 6/10/98 Chi. Daily Herald 8, 1998 WL 27458536 Chicago Daily Herald FOODPLUS Good wine Eastern Long Island, N.Y.: America's newest

vineyard Mary Ross Word Count: 819

232. 6/5/98 Newsday B35, 1998 WL 2672710 Newsday PART II/WEEKEND WINES OF LONG ISLAND Peter M. Gianotti Word Count: 315

233. 5/22/98 Newsday B39, 1998 WL 2671063 Newsday PART II/WEEKEND WINES OF LONG ISLAND. Peter M. Gianotti Word Count: 277

234. 5/18/98 Newsday C03, 1998 WL 2670496 Newsday BUSINESS INSIDE STORIES /Double-Play Needs A Big New Stadium / Entrepreneur envisions Mets-Nets-Islanders facility James Bernstein Word Count: 941

235. 5/17/98 Newsday 160, 1998 WL 2677834 Newsday FUN BOOK FUN BOOK '98 / WINERIES / Raise a Glass to Island's Vineyards. SIDEBAR: FARM TREATS RIPE FOR THE PICKING (see end of text) Word Count: 1953

236. 5/10/98 N.Y. Daily News 19, 1998 WL 11032695 New York Daily News SUBURBAN HERE'S TO GRAPE EXPECTATIONS NORTH FORK PRESSES ON WITH FINE WINES BIZ ROBERT GEARTY Word Count: 652

237. 5/8/98 Newsday B13, 1998 WL 2669345 Newsday PART II/WEEKEND COVER STORY / Making Mom's Day / Sunday outings for you and your dearest By Steve Parks. STAFF WRITER Word Count: 1923

238. 5/8/98 Newsday B43, 1998 WL 2669334 Newsday PART II/WEEKEND WINES OF LONG ISLAND Peter M Gianotti Word Count: 281

239. 5/6/98 Newsday A54, 1998 WL 2669089 Newsday VIEWPOINTS EDITORIAL / A Young Couple's Dream That Changed LI Forever Word Count: 305

240. 4/27/98 Prod. Alert (Pg. Unavail. Online), 1998 WL 9861696 Product Alert Vol. 28, No. 8 ISSN: 0740-3801 Christian Wolffer Cuvee Sparkling Wine - 1993 Methode Champenoise Brut MANUFACTURER: Sagpond Vineyards CATEGORY: Wine & Wine Coolers Word Count: 68

241. 4/26/98 N.Y. Times Abstracts 1, 1998 WL 5409604 New York Times Section LI Page 1 Winegrowing Entrepreneurs To Cultivate Other Fields GOLDBERG, HOWARD G Word Count: 149

242. 4/24/98 Newsday B35, 1998 WL 2667840 Newsday PART II/WEEKEND WINES OF LONG ISLAND Peter M. Gianotti Word Count: 270

243. 4/17/98 Newsday B45, 1998 WL 2666872 Newsday PART II/WEEKEND News & Notes Joan Reminick Word Count: 638

244. 4/10/98 Newsday B31, 1998 WL 2666158 Newsday PART II/WEEKEND WINES OF LONG ISLAND Peter M. Gianotti Word Count: 282

245. 4/6/98 Travel Agent NY1, 1998 WL 10256586 Travel Agent ISSN: 1053-9360 The Spirit of Adventure Word Count: 1239

246. 3/27/98 Newsday B39, 1998 WL 2664302 Newsday PART II/WEEKEND WINES OF LONG ISLAND Peter M. Gianotti Word Count: 275

247. 3/20/98 Newsday B35, 1998 WL 2663180 Newsday PART II/WEEKEND FOOD TALK Word Count: 281

248. 3/20/98 Newsday B35, 1998 WL 2664600 Newsday PART II/WEEKEND FOOD TALK Word Count: 311

249. 3/6/98 Newsday B39, 1998 WL 2661463 Newsday PART II/WEEKEND WINES OF LONG ISLAND Peter M. Gianotti Word Count: 272

250. 2/22/98 Newsday 153, 1998 WL 2660412 Newsday LI HISTORY LONG ISLAND: OUR STORY / OUR TOWNS / Town of Southold Word Count: 3143

251. 2/20/98 Newsday B35, 1998 WL 2659526 Newsday PART II/WEEKEND WINES OF LONG ISLAND Peter M. Gianotti Word Count: 279

252. 2/20/98 Newsday B35, 1998 WL 2659527 Newsday PART II/WEEKEND FOOD TALK Word Count: 283

253. 2/6/98 Newsday B39, 1998 WL 2657459 Newsday PART II/WEEKEND WINES OF LONG ISLAND Peter M. Gianotti Word Count: 268

254. 1/23/98 Newsday B31, 1998 WL 2655362 Newsday PART II/WEEKEND WINES OF LONG ISLAND Peter M. Gianotti Word Count: 299

255. 1/9/98 Newsday B27, 1998 WL 2653522 Newsday PART II/WEEKEND WINES OF LONG ISLAND Peter M. Gianotti Word Count: 259

256. 12/28/97 Newsday G08, 1997 WL 2723694 Newsday LI LIFE 98 Things To Look Forward To . . . . . '98 PHIL MINTZ. STAFF WRITER; Robert Fresco, Peter Gianotti, Bob Herzog, Aileen Jacobson and Alan Wax contributed to this article. Word Count: 4390

257. 12/28/97 Newsday G08, 1997 WL 2723790 Newsday LI LIFE 98 Things To Look Forward To . . . . . '98 PHIL MINTZ. STAFF WRITER; Robert Fresco, Peter Gianotti, Bob Herzog, Aileen Jacobson and Alan Wax contributed to this article. Word Count: 4447

258. 12/28/97 Newsday G08, 1997 WL 2723995 Newsday LI LIFE 98 Things To Look Forward To . . . . . '98 PHIL MINTZ. STAFF WRITER; Robert Fresco, Peter Gianotti, Bob Herzog, Aileen Jacobson and Alan Wax contributed to this article. Word Count: 4474

259. 12/19/97 Newsday B39, 1997 WL 2722764 Newsday PART II/WEEKEND WINES OF LONG ISLAND Peter M. Gianotti Word Count: 273

260. 12/17/97 Newsday A26, 1997 WL 2722440 Newsday NEWS Upton Laboratory's Time in 2 Bottles Niraj Warikoo. STAFF WRITER Word Count: 345

261. 12/5/97 Newsday B39, 1997 WL 2721006 Newsday PART II/WEEKEND WINES OF LONG ISLAND Peter M. Gianotti Word Count: 266

262. 12/1/97 SmartMoney 207, 1997 WL 9458866 SmartMoney Vol. VI, No. XII

Inconspicuous Consumer The Emergency Gift Grape Expectations: With these top wines in the cellar, You'll never be empty- handed By John J. Miller Word Count: 993

263. 11/25/97 Village Voice 76, 1997 WL 11417608 The Village Voice Music THE GOD CONSUMED GREG TATE Word Count: 1341

264. 11/22/97 Times Union (Alb.) B2, 1997 WL 14933011 Times Union (Albany, NY) Capital Region Five hold winning tickets in Thursday's Take Five Word Count: 87

265. 11/21/97 Newsday B43, 1997 WL 2719169 Newsday PART II/WEEKEND WINES OF LONG ISLAND Peter M. Gianotti Word Count: 275

266. 11/16/97 N.Y. Times Abstracts 1, 1997 WL 8012163 New York Times Section LI Page 1 At the Packed Wineries, It's Nose to Nose CUMMINGS, MARY Word Count: 128

267. 11/10/97 Newsday C05, 1997 WL 2717604 Newsday BUSINESS PEOPLE ON THE MOVE Compiled by Lisa Doll Bruno Word Count: 868

268. 11/7/97 Newsday B39, 1997 WL 2717176 Newsday PART II/WEEKEND WINES OF LONG ISLAND Peter M. Gianotti Word Count: 281

269. 10/22/97 Star-Ledger (Newark N.J.) 080, 1997 WL 12572851 The Star-Ledger Newark, NJ SAVOR A glass of wine Sam Gugino Word Count: 921

270. 10/10/97 Newsday B31, 1997 WL 2712887 Newsday PART II/WEEKEND WINES OF LONG ISLAND Peter M. Gianotti Word Count: 279

271. 10/1/97 Patriot Ledger (Quincy Mass.) 23, 1997 WL 8194064 The Patriot Ledger Quincy, MA Feature Wine notes Sound taste Long Island climate enhances quality William Nesto Word Count: 840

272. 9/28/97 N.Y. Times Abstracts 49, 1997 WL 8005444 New York Times Section LI Page 1 For Wine Lists, Check These Restaurants GOLDBERG, HOWARD G Word Count: 176

273. 9/26/97 Newsday B39, 1997 WL 2711810 Newsday PART II/WEEKEND WINES OF LONG ISLAND Peter M. Gianotti Word Count: 288

274. 9/14/97 Newsday G06, 1997 WL 2709638 Newsday LI LIFE DINING OUT BY PETER M. GIANOTTI Word Count: 760

275. 9/12/97 Newsday B35, 1997 WL 2709404 Newsday PART II/WEEKEND WINES OF LONG ISLAND Peter M. Gianotti Word Count: 293

276. 9/7/97 N.Y. Times Abstracts 1, 1997 WL 8002586 New York Times Section LI Page 1 How Significant Are Medals Awarded in Wine Competitions? GOLDBERG, HOWARD G Word Count: 159

277. 9/7/97 Newsday E17, 1997 WL 2708768 Newsday LI LIFE REVIEWS SMALL BITES Peter. Gianotti Word Count: 212

278. 9/7/97 Newsday E17, 1997 WL 2708817 Newsday LI LIFE SMALL BITES Peter. Gianotti Word Count: 220

279. 9/5/97 Newsday B37, 1997 WL 2708433 Newsday PART II/WEEKEND News & Notes By Joan Reminick Word Count: 624

280. 9/4/97 Balt. Sun 7B, 1997 WL 5528226 The Baltimore Sun METRO From bok choy to wine, Long Island agribusiness booming; Suffolk County leads New York in wholesale value of crops Word Count: 857

281. 8/29/97 Newsday B29, 1997 WL 2707614 Newsday PART II/WEEKEND FOOD TALK Word Count: 274

282. 8/22/97 Newsday B31, 1997 WL 2706817 Newsday PART II/WEEKEND WINES OF LONG ISLAND Peter M. Gianotti Word Count: 245

283. 8/15/97 Newsday B29, 1997 WL 2706006 Newsday PART II/WEEKEND WINES OF LONG ISLAND Peter M. Gianotti Word Count: 272

284. 8/10/97 Phila. Inquirer T6, 1997 WL 8700665 The Philadelphia Inquirer KINDER, GENTLER LONG ISLAND Jill P Capuzzo Word Count: 13

285. 8/8/97 Newsday B31, 1997 WL 2705268 Newsday PART II/WEEKEND WINES OF LONG ISLAND Peter M. Gianotti Word Count: 263

286. 8/8/97 Newsday B31, 1997 WL 2705269 Newsday PART II/WEEKEND FOOD TALK Word Count: 237

287. 7/25/97 Newsday B35, 1997 WL 2703548 Newsday PART II/WEEKEND WINES OF LONG ISLAND Peter M. Gianotti Word Count: 206

288. 7/24/97 Winnipeg Free Press C3, 1997 WL 21483276 Winnipeg Free Press Entertainment Macaroni bar hopping with Fringe-types Night Hawks By Lisa Saunders Unbylined Word Count: 546

289. 7/4/97 Newsday B25, 1997 WL 2701168 Newsday PART II/WEEKEND WINES OF LONG ISLAND Peter M. Gianotti Word Count: 261

290. 6/23/97 Newsday C08, 1997 WL 2699901 Newsday BUSINESS Wine Country / Fine vintages spark new growth in East End vineyards, winemaking By Alan J. Wax. STAFF WRITER Word Count: 2268

291. 6/20/97 Newsday B29, 1997 WL 2699519 Newsday PART II/WEEKEND WINES OF LONG ISLAND Peter M. Gianotti Word Count: 265

292. 6/6/97 Newsday A64, 1997 WL 2697790 Newsday BUSINESS LONG ISLAND INC. / Westin Hotel Chain Puts Palmer on Its Wine List Alan J. Wax; James T. Madore Word Count: 530

293. 6/6/97 Newsday B15, 1997 WL 2697760 Newsday PART II/WEEKEND COVER STORY / A Little Music for All / Mozart festival strives to have something for everybody By Julia Szabo. Julia Szabo is a free-lance writer. Word Count: 1470

294. 6/6/97 Newsday B35, 1997 WL 2697785 Newsday PART II/WEEKEND WINES OF LONG ISLAND Peter M. Gianotti Word Count: 204

295. 5/30/97 Wash. Post N39, 1997 WL 11158360 The Washington Post Fast Forward On-Wine Services Alan S. Kay Word Count: 429

296. 5/23/97 Newsday B35, 1997 WL 2695974 Newsday PART II/WEEKEND WINES OF LONG ISLAND Peter M. Gianotti Word Count: 233

297. 5/18/97 Newsday 125, 1997 WL 2701853 Newsday FUN BOOK NIGHTSPOTS / WHERE THE BREWS ARE Word Count: 629

298. 5/18/97 Newsday 130, 1997 WL 2701855 Newsday FUN BOOK FUN BOOK 97 / A TOAST TO LI'S WINERIES. Sidebar: PICK IT TIME AT LI'S FARMS (see end of text) Word Count: 1912

299. 4/25/97 Newsday B27, 1997 WL 2692078 Newsday PART II/WEEKEND WINES OF LONG ISLAND By Peter M. Gianotti Word Count: 293

300. 4/13/97 Balt. Sun 12B, 1997 WL 5510598 The Baltimore Sun METRO Long Island wines win more respect, bring higher prices; Sales have doubled since 1990; typical chardonnay now $14 Word Count: 1014

301. 4/11/97 Newsday B29, 1997 WL 2690541 Newsday PART II/WEEKEND WINES OF LONG ISLAND Peter M. Gianotti Word Count: 309

302. 4/10/97 St. Louis Post-Dispatch 34, 1997 WL 3334649 St. Louis Post-Dispatch GET OUT A TRIP TO LONG ISLAND Word Count: 168

303. 3/30/97 Observer 007, 1997 WL 7812185 The Observer The Observer News Page Roving brief: The week in ... Wonderland Word Count: 258

304. 3/29/97 N.Y. Times Abstracts 21, 1997 WL 7990467 New York Times Section A Page 2 Finally, a Little Respect For Wineries of Long Island KRAUSS, CLIFFORD Word Count: 162

305. 3/28/97 Newsday B23, 1997 WL 2689108 Newsday PART II/WEEKEND WINES OF LONG ISLAND Peter M. Gianotti Word Count: 295

306. 3/17/97 Newsday C03, 1997 WL 2687223 Newsday BUSINESS INSIDE STORIES / After 72 Years in Queens, Edo Looks for New Home / Leaner Times, Smaller Plant Slimmer Times, Smaller Plant James Bernstein Word Count: 994

307. 3/14/97 Newsday B21, 1997 WL 2686796 Newsday PART II/WEEKEND WINES OF LONG ISLAND Peter M. Gianotti Word Count: 316

308. 3/11/97 Newsday B02, 1997 WL 2686405 Newsday PART II Grading the Wine Server / A panel of sommeliers picks the country's best By Alan J. Wax. STAFF WRITER Word Count: 880

309. 3/5/97 S.F. Examiner Z2, 1997 WL 4335090 San Francisco Examiner EPICURE Food, wine all-stars shine at 11th Masters Alan Goldfarb Word Count: 1160

310. 2/28/97 Newsday B29, 1997 WL 2684859 Newsday PART II/WEEKEND WINES OF LONG ISLAND. Peter M. Gianotti Word Count: 314

311. 2/14/97 Newsday B29, 1997 WL 2683038 Newsday PART II/WEEKEND WINES OF LONG ISLAND Peter M. Gianotti. Word Count: 308

312. 1/31/97 Newsday B23, 1997 WL 2681212 Newsday PART II/WEEKEND WINES OF LONG ISLAND Peter M. Gianotti Word Count: 303

313. 1/17/97 Newsday B25, 1997 WL 2679464 Newsday PART II/WEEKEND WINES OF LONG ISLAND Word Count: 331

314. 1/12/97 Hartford Courant 3, 1997 WL 2976735 The Hartford Courant NORTHEAST Lary Bloom's CONNECTICUT Destination Clinton A CASE OF CONNECTICUT WINING LARY BLOOM Word Count: 2258

315. 1/12/97 Hartford Courant 3, 1997 WL 14692129 The Hartford Courant NORTHEAST Lary Bloom's CONNECTICUT Destination Clinton A CASE OF CONNECTICUT WINING LARY BLOOM Word Count: 2258

316. 1/3/97 Newsday B19, 1997 WL 2677654 Newsday PART II/WEEKEND WINES OF LONG ISLAND Peter M. Gianotti Word Count: 302

317. 12/20/96 Sun-Sentinel (Ft. Lauderdale Fla.) 1B, 1996 WL 14333289 Sun-Sentinel Ft. Lauderdale LOCAL FOR PROFESSOR IT WAS LOVE AT FIRST TASTE CONNOISSEUR HAS SAMPLED 4,000 WINES AND LIQUORS ARDEN MOORE Staff Writer Word Count: 584

318. 12/20/96 Sun-Sentinel (Ft. Lauderdale Fla.) 6B, 1996 WL 14333405 Sun-Sentinel Ft. Lauderdale LOCAL FOR FIU'S WINE PROFESSOR, IT WAS LOVE AT FIRST TASTE ARDEN MOORE Staff Writer Word Count: 585

319. 12/13/96 Newsday B41, 1996 WL 2548122 Newsday PART II/WEEKEND WINES OF LONG ISLAND Peter M. Gianotti Word Count: 301

320. 12/9/96 Newsday C07, 1996 WL 2547642 Newsday BUSINESS SECTORS / MARKETING / Winemaker has a Vintage Idea / Heads-up marketing is pouring LI products onto national menu By Alan J. Wax. STAFF WRITER Word Count: 775

321. 11/29/96 Newsday B31, 1996 WL 2546374 Newsday PART II/WEEKEND WINES OF LONG ISLAND Peter M. Gianotti Word Count: 285

322. 11/15/96 Newsday B35, 1996 WL 2544559 Newsday PART II/WEEKEND WINES OF LONG ISLAND Peter M. Gianotti Word Count: 322

323. 11/14/96 Newsday A56, 1996 WL 2544418 Newsday BUSINESS Island's Wines in Their Prime By Alan J. Wax. STAFF WRITER Word Count: 319

324. 11/12/96 Guardian (London) 004, 1996 WL 13386941 The Guardian The Guardian Education Page Higher Education: On Campus: Killjoy is here ADAM HIBBERT Word Count: 467

325. 11/8/96 Newsday B37, 1996 WL 2543648 Newsday PART II/WEEKEND FOOD TALK Word Count: 268

326. 11/1/96 Newsday B41, 1996 WL 2542675 Newsday PART II/WEEKEND WINES OF LONG ISLAND Peter M. Gianotti Word Count: 313

327. 10/31/96 Newsday A49, 1996 WL 2542528 Newsday BUSINESS LI Vintners Plan Pitch to Wine Pros By Alan J. Wax. STAFF WRITER Word Count: 215

328. 10/18/96 Newsday B25, 1996 WL 2540837 Newsday PART II/WEEKEND WINES OF LONG ISLAND Peter M. Gianotti Word Count: 314

329. 10/14/96 Newsday C05, 1996 WL 2540341 Newsday BUSINESS Putting Island Grapes to the Test By Alan J. Wax. STAFF WRITER Word Count: 1002

330. 10/13/96 Newsday E04, 1996 WL 2540234 Newsday LI LIFE DINING OUT BY PETER M. GIANOTTI Word Count: 778

331. 10/13/96 Newsday E30, 1996 WL 2540150 Newsday LI LIFE LABEL IT AN ART FORM BY ALAN J. WAX. STAFF WRITER Word Count: 1042

332. 10/13/96 Newsday E32, 1996 WL 2540148 Newsday LI LIFE VINTAGE LONG ISLAND / A sampler of local wines BY PETER GIANOTTI. STAFF WRITER Word Count: 915

333. 10/4/96 Newsday B43, 1996 WL 2538951 Newsday PART II/WEEKEND WINES OF LONG ISLAND Peter M. Gianotti Word Count: 300

334. 9/29/96 Grand Rapids Press I3, 1996 WL 8107992 The Grand Rapids Press Wine tour uncorks taste of Europe in Ontario Lois Abraham Word Count: 784

335. 9/20/96 Newsday B29, 1996 WL 2537147 Newsday PART II/WEEKEND FOOD TALK Word Count: 276

336. 9/20/96 Newsday B29, 1996 WL 2537149 Newsday PART II/WEEKEND WINES OF LONG ISLAND Peter M. Gianotti Word Count: 320

337. 9/11/96 Newsday B02, 1996 WL 2536079 Newsday PART II ARTS ON THE ISLAND Word Count: 209

338. 9/6/96 Newsday B31, 1996 WL 2535451 Newsday PART II/WEEKEND WINES OF LONG ISLAND Peter M. Gianotti Word Count: 294

339. 8/25/96 Newsday E02, 1996 WL 2534242 Newsday LI LIFE VITAL SIGNS / Taking the Pulse Of Life on Long Island EDITED BY DENISE FLAIM; Jack Otter; Stacey Altherr; Andrew Friedman Word Count: 1360

340. 8/23/96 Newsday B29, 1996 WL 2533976 Newsday PART II/WEEKEND WINES OF LONG ISLAND. Peter M. Gianotti Word Count: 306

341. 8/21/96 S.F. Chron. 4ZZ1, 1996 WL 3226070 The San Francisco Chronicle

FOOD WINE POTPOURRI Lavish Wines of Long Island Gerald D. Boyd Word Count: 822

342. 8/16/96 Newsday A56, 1996 WL 2533262 Newsday BUSINESS Standup Idea From LI Wineries Alan Wax Word Count: 232

343. 8/16/96 Newsday D02, 1996 WL 2533253 Newsday REAL ESTATE COVER STORY / North Fork Intends to Keep The Country In Wine Country By Rhoda Amon. STAFF WRITER Word Count: 1878

344. 8/11/96 Newsday E14, 1996 WL 2532714 Newsday LI LIFE DAY TRIPPER Word Count: 437

345. 8/9/96 Newsday B23, 1996 WL 2532517 Newsday PART II/WEEKEND FOOD TALK Peter M. Gianotti Word Count: 262

346. 8/9/96 Newsday B23, 1996 WL 2532518 Newsday PART II/WEEKEND WINES OF LONG ISLAND Compiled by Peter M. Gianotti Word Count: 295

347. 8/5/96 Newsday C02, 1996 WL 2531952 Newsday BUSINESS INSIDE STORIES / A twice-monthly look behind the LI business headlines / Scrappy Negotiations Over Grumman HQ By James Bernstein. STAFF WRITER Word Count: 896

348. 8/5/96 Travel Agent 74, 1996 WL 8353679 Travel Agent ISSN: 1053-9360 Cheers to Fall Word Count: 447

349. 7/26/96 Newsday B27, 1996 WL 2530962 Newsday PART II/WEEKEND WINES OF LONG ISLAND Peter M. Gianotti Word Count: 300

350. 7/19/96 Newsday A43, 1996 WL 2530085 Newsday BUSINESS LI Cruises for Share Of City's Tourists By Alan J. Wax. STAFF WRITER Word Count: 389

351. 7/17/96 Syracuse Newspapers F1, 1996 WL 7173805 Syracuse Herald-Journal Business ONTARIO, N.Y. WINE TRAIL IS FORGED Elizabeth Doran Contributing Writer Word Count: 671

352. 7/12/96 Newsday B29, 1996 WL 2529409 Newsday PART II/WEEKEND WINES OF LONG ISLAND Peter M. Gianotti Word Count: 280

353. 6/28/96 Newsday B31, 1996 WL 2527849 Newsday PART II/WEEKEND WINES OF LONG ISLAND Peter M. Gianotti Word Count: 297

354. 6/14/96 Newsday B25, 1996 WL 2526228 Newsday PART II/WEEKEND WINES OF LONG ISLAND Peter M. Gianotti Word Count: 316

355. 6/7/96 Newsday B27, 1996 WL 2525665 Newsday PART II/WEEKEND FOOD TALK Word Count: 279

356. 6/7/96 Newsday B27, 1996 WL 2525667 Newsday PART II/WEEKEND FOOD TALK Word Count: 279

357. 6/1/96 SmartMoney 181, 1996 WL 16053184 SmartMoney Vol. V, No. VI

Inconspicuous Consumer The Cocktail Hour France? Italy? California? Try Long Island, Home to the newest world-class Merlots By Anthony Brandt Word Count: 985

358. 6/1/96 SmartMoney 182, 1996 WL 16053041 SmartMoney Vol. V, No. VI Inconspicuous Consumer The Cocktail Hour Red Alert By Anthony Brandt Word Count: 291

359. 6/1/96 Wines & Vines 26, 1996 WL 9353336 Wines & Vines Vol. 77, No. 6, ISSN: 0043-583X Look for growth on Long Island's North Fork. (wine industry) Alan Goldfarb Word Count: 2145

360. 5/31/96 Newsday B33, 1996 WL 2524442 Newsday PART II/WEEKEND WINES OF LONG ISLAND Peter M. Gianotti Word Count: 320

361. 5/19/96 Newsday 119, 1996 WL 2525775 Newsday FUN BOOK FUN BOOK '96 / WINERIES / A TOAST TO LI'S WINERIES Word Count: 1228

362. 5/19/96 Newsday 119, 1996 WL 2534974 Newsday FUN BOOK FUN BOOK '96 / WINERIES / A TOAST TO LI'S WINERIES Word Count: 1293

363. 5/17/96 Newsday B25, 1996 WL 2522937 Newsday PART II/WEEKEND WINES OF LONG ISLAND Peter M. Gianotti Word Count: 305

364. 5/3/96 Newsday B27, 1996 WL 2521541 Newsday PART II/WEEKEND FOOD TALK Word Count: 243

365. 5/3/96 Newsday B27, 1996 WL 2521556 Newsday PART II/WEEKEND WINES OF LONG ISLAND Peter M. Gianotti Word Count: 320

366. 4/28/96 N.Y. Times Abstracts 15, 1996 WL 7505404 New York Times Section LI Page 1 Wide Opportunities for Tasting Island's Wines SCHOLEM, RICHARD JAY Word Count: 16

367. 4/22/96 Newsday C06, 1996 WL 2519871 Newsday BUSINESS Critic Gets A Taste Of LI's Wines By Alan J. Wax. STAFF WRITER Word Count: 587

368. 4/19/96 Newsday B23, 1996 WL 2519516 Newsday PART II/WEEKEND WINES OF LONG ISLAND Peter M. Gianotti Word Count: 308

369. 4/12/96 Newsday B23, 1996 WL 2518815 Newsday PART II/WEEKEND FOOD TALK Word Count: 292

370. 3/31/96 Newsday F11, 1996 WL 2517540 Newsday MONEY & CAREERS LI BUSINESS SPOTLIGHT / Two Shores and Bus Tours By Alan J. Wax. STAFF WRITER Word Count: 739

371. 3/22/96 Newsday B29, 1996 WL 2516859 Newsday PART II/WEEKEND WINES OF LONG ISLAND Peter M. Gianotti Word Count: 313

372. 3/8/96 Newsday B25, 1996 WL 2514940 Newsday PART II/WEEKEND LONG ISLAND WINES Peter M. Gianotti Word Count: 307

373. 2/23/96 Newsday B26, 1996 WL 2513235 Newsday PART II/WEEKEND LONG ISLAND WINES Peter M. Gianotti Word Count: 289

374. 2/9/96 Newsday B29, 1996 WL 2512060 Newsday PART II/WEEKEND LONG ISLAND WINES Peter M. Gianotti Word Count: 293

375. 1/26/96 Newsday B23, 1996 WL 2510833 Newsday PART II/WEEKEND LONG ISLAND WINES By Peter M. Gianotti. STAFF WRITER Word Count: 271

376. 1/17/96 Newsday A38, 1996 WL 2510050 Newsday BUSINESS SHORT CUTS Compiled from staff, Associated Press, Bloomberg Business News and Reuter reports. Word Count: 855

377. 1/7/96 N.Y. Times Abstracts 11, 1996 WL 7486634 New York Times Section LI Page 1 Does price influence the choice of wine? SCHOLEM, RICHARD JAY Word Count: 28

378. 1/3/96 Newsday A30, 1996 WL 2509105 Newsday BUSINESS Mail-Order Wine Bill Vetoed / Pataki cites possible negative effects of reciprocal deal By Alan J. Wax. STAFF WRITER Word Count: 392

379. 1/2/96 Buff. News B4, 1996 WL 5815379 Buffalo News LOCAL PATAKI'S VETO UPSETS HEAD OF FARM BUREAU Word Count: 146