

4817

4817

Form 504
Ed. June, 1928

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY
R. S. Patton, Director

U. S. COAST & GEODETIC SURVEY
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APR 12 1934

State: California

Acct. No.

DESCRIPTIVE REPORT

Topographic } Sheet No. E 4817
~~Hydrographic~~

LOCALITY

Santa Barbara Channel

Ventura.

1933

CHIEF OF PARTY

C. K. Green.

Descriptive Report to Accompany
Topographic Sheet 'E'
Ventura-California
Instructions dated October 31, 1932.

General Description

This sheet embraces the city of Ventura; the official name of which is San Buenaventura. However the city is universally known as Ventura, and this name appears on the present charts.

Since the previous work the small settlement has grown to a modern city of 12-15000.

All the waterfront has been shown in its present development, i.e. all streets, houses etc, including the Pierpont Bay addition at the east end of the city, as far back as the 60-70 ft cliff a half mile inshore. Back of this the street system was checked with the city map.

In the main section west of the large pier the street ends were accurately located, the direction of the streets, and the first three cross streets back from the waterfront.

The streets north of the Court House were transferred from the city map to definitely outline the present limit of the street system at that place, as it does not extend over the hill tops as shown on city map (see attached).

Shoreline

The shoreline is flat and sandy, curving in a shallow bay on which the city is located. A dirt cliff, maximum elevation 65-70 ft, rises abruptly from the flat shoreland about a half mile inshore at the east end of the city, and gradually approaching the present shoreline and decreasing in elevation until as it reaches the beach about two blocks west of the large pier it is only about 12 ft. high. This probably marked the original shoreline.

Near the east end of the sheet, at Pierpont Bay, a recreation pier extends out 250 meters, and a commercial pier ^{#6} extending out 450 meters is located just west of S. Fir St. in the main section of the town.

The Ventura River flows into the sea about a mile west of this commercial pier. Normally the entrance is nearly dry. The mouth is marked by a small boulder beach.

Special Notes.

Under flood water conditions a very considerable volume of water is discharged from this river, and the flood water area back of the railroad bridges is from a fourth to a third of a mile in width. This has been spanned by a new concrete highway bridge as shown

Landmarks

The most distinctive feature in this section is (at night) Padre Serra's Cross (tri. sig. Cross '27. This is located on the hillside behind the town at an elevation of app. 350 ft. and the cross, standing 18 ft high is outlined with red neon tube lights.

Several large oil tanks near the shore (see air photo attached) are fairly prominent

Control

Sta. Venus and Sta. Pont, both directly on the shoreline allowed the topography to be worked from both ends of this short sheet, and the stations on the pier ends were then located, so that no amount of traverse was necessary, and no adjustment required.

Changes in Shoreline

The sand beach has extended seaward with a maximum gain of about 185 M. just west of the Pierpont Bay pier. *See map of San Buena Ventura (attached)*
 At the Ventura Wharf (commercial pier) this extension amounts to 65 M. and from Longitude 119-18 west to the end of the sheet the shoreline, with minor differences at the mouth of the Ventura River, checks with the previous work. *H.B.*

Contours

Contours check with the previous work except for a high dirt fill across the narrow canyon just east of the reservoir on the hill.

*Applied to drawing of
 new Chart No. 5006
 Aug. Sept. 1934. J.F.*

Harry T. Kelsh
 Harry T. Kelsh.

*approved
 Charles R. Green
 Chief of Party*

Plane table Positions

Sheet E

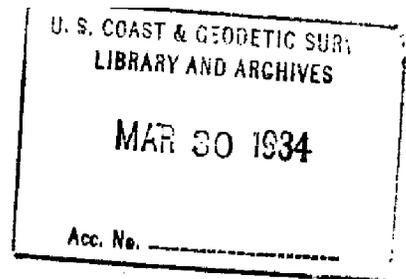
Object and desc.	Latitude	D.M.	Longitude	D.P.	Height	Remarks
Middle V of 2 truss R.R. bridge(sig Mid)	34-16	1273	119-18	1087		seaward face
Small green shed on bank of dirt walled settling tank(sig Chic)	34-16	828	119-18	535	6 ft	
Outer end 12" drainage pipe (sig Pipe)	34-16	728	119-18	480		just above ground
Outer end of west'ly of 2 small rock cribs or jetties in front fairground (sig Rib)	34-16	747	119-18	261		only extends to ordinary high water
Flagpole on east end grandstand for race track (sig And)	34-16	823	119-18	52	40 ft	
High flagpole at fairgrounds entrance(sigFair)	34-16	1074	119-18	9	50 ft	
Outer end 12" discharge pipe in front fair- grounds(sig Fal)	34-16	730	119-17	1486		
Fence corner (SE) of fairgrounds (sig Fen)	34-16	884	119-17	1243		
Outer of twin small wh. storage tanks(sig Tin)	34-16	31,189" 961	119-17	47,258" 1209		
Sthly of 2 large Assoc. Oil Co. tanks(sig Big)	34-16	1050	119-17	1198	20 ft	center of top
S.E. corner buff 2 sty house on NW cor Beach & So. Oak St(sig Buf)	34-16	1014	119-17	976		

Object and description	Latitude	D.M.	Longitude	D.P.	Height	Remarks
Flagpole on large casino E. side California St at beach (sig Cas)	34-16	1085	119-17	786		
Large target on outer end of pier (sig Get)	34-16	531	119-17	848	15 ft above pier	middle of face
Outer gable red warehouse east side inner end pier (sig Red)	34-16	970	119-17	579		
West'ly of 2 large oil tanks on top of bluff (sig Con)	34-16	982	119-17	289		center of top
S.E. corner Pierpont Inn (sig Inn)	34-16	725	119-16	1443		
End post west end palmleaf windbreak on beach (sig Has)	34-16	528	119-16	1483		
Last lamppost (west) in line on beach west of Pierpont Bay pier (sig. Lamp)	34-16	47	119-16	1003		
SW cor. long narrow 2 story bldg on beach side of Shore Drive (sig New)	34-16	1657	119-16	809		
Binial on bath ho. just east of Pierpont Bay pier (sig Bat)	34-15	1364	119-16	618		stucco bldg
Small pole on rail near end of Pierpont Bay pier (sig All)	34-15	1273	119-16	836		10 ft above pier
S.E. Gable 1½ sty Eng. type ho on beach (sig Gab)	34-15	982	119-16	394	24ft	
(sig How) Chy 2 sty wh. house (sig How)	34-15	610	119-16	160	24ft	

T-E-3

Object & description	Latitude	D.M.	Longitude	D.P.	Height	Remarks
Flgpole at Jr. High Sch.	34-16	1285	119-16	1140		
Buff Tower M.E.Church	34-16	$\frac{1417.0}{431.7}$	119-16	$\frac{1149}{386.0}$		top ✓
Mosaic topped tower Ventura Community Ch.	34-16	$\frac{1643}{205.7}$	119-16	$\frac{854}{681.0}$		top ✓

H.T.K.



Santa Barbara, Calif.
March 16, 1934.

Topographic sheet E, submitted herewith, has been inspected and approved by me, together with data listed below.

List of data forwarded with Topographic Sheet E

Title sheet
Descriptive Report
Plane table positions
Description of recoverable Topographic station
Print of City of Ventura
Print of air photo, Ventura

Chas. K. Green

Chas. K. Green,
Chief of Party.

May 20, 1936.

The privately maintained light on the Ventura wharf was not shown by the topographer. It is on an inconspicuous iron post located within a few feet of signal, "jet," near the end of the wharf -

C. K. Green.

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

U. S. COAST & GEODETIC SURVEY
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MAR 10 1934

REG. NO. 4817

TOPOGRAPHIC TITLE SHEET

Acc. No. _____

The Topographic Sheet should be accompanied by this form, filled in as completely as possible, when the sheet is forwarded to the Office.

Field Letter E

REGISTER NO. 4817

State California

General locality Santa Barbara Channel

Locality Ventura (San Buenaventura)

Scale 1/5000 Date of survey Feb-Mar, 19 33

Vessel _____

Chief of Party Chas. K. Green

Surveyed by Harry T. Kelsh

Inked by Harry T. Kelsh

Heights in feet above H.W. to ground to ~~tops of trees~~

Contour Approximate contour Form line interval 50 feet

Instructions dated Oct. 31., 19 32

Remarks: _____

Mr. Ellis. —

Top Sheets 4817 and 4824

Hyd Sheets 5419 and ~~5420~~⁵⁴²⁰

On these four sheets is found the name Pierpont and Pierpont Bay. The latter is the correct name.

H. Bacon

REVIEW OF TOPOGRAPHIC SURVEY No. 4817

Title (Par. 56) *Ventura, California*Chief of Party *C.K. Green* Surveyed by *H.T. Kelsa* Inked by *H.T. Kelsa*Ship *Stove Party* Instructions dated *Oct 31-1932* Surveyed in *Feb.-Mar. 1933*

1. The survey and preparation for it conform to the requirements of the Topographic Manual. (Par. 7, 8, 9, 13, 16.) ✓
2. The character and scope of the survey satisfy the instructions. ✓
3. The control and closures of traverses were adequate. (Par. 12, 29.) ✓
4. The amount of vertical control that the Manual specifies for -contours-formlines- was accomplished. (Par. 18, 19, 20, 21, 22, 23.)
Very few elevations shown
5. The delineation of -contours-formlines- is satisfactory. (Par. 49, 50.) *Every fifth contour not accentuated and numbers placed incorrectly,*
6. There is sufficient control on maps from other sources that were transmitted by the field party to enable their application to the charts. (Par. 28.) *Map of Ventura submitted and placed in Descriptive Report*
7. High water line ~~on marshy and mangrove coast~~ is clear and adequate for chart compilation. (Par. 16a, 43, 44.) ✓
8. The representation of low water lines, ~~reefs, coral reefs and rocks,~~ and legends pertaining to them is satisfactory. (Par. 36, 37, 38, 39, 40, 41.) ✓
9. Rocks and other important details shown on previous surveys and on the chart were verified. (Par. 25, 26, 27.)
see reverse side
10. ~~The span, draw and clearance of bridges are shown. (Par. 16c.)~~
11. Locations and elevations of summits are given. (Par. 19, 51.) ✓
12. The tree line was shown on mountains. (Par. 16g.) *Tree Line not shown*

NOTE: Strike out paragraphs, words or phrases not applicable and modify those requiring it. Paragraph numbers refer to those in the Topographic Manual. Use reverse side for extending remarks.

Paragraph 9

T1190(1870) T683 (1855)

The beach as shown on T4817 appears to have extended from 65 to 185 meters between the two piers in comparison with T1190 and T683. Otherwise the comparison was very good. Sheet T4817 supersedes T1190 and T683.

Chart 5006

The privately maintained light at the end of the pier at Ventura is not shown on the present survey nor on any previous surveys. The light is charted and shown in Pacific Coast Light List (Page 34--No. 120) (See Chief of Party's note at the end of the Descriptive Report).

13. The descriptive report covers all details listed in the Manual, in so far as they apply to this survey. (Par. 64, 65, 66, 67.) ✓
14. ~~The descriptive report also contains additional information required in aero-topography relative to type of photographs, method of compilation and type of ground control.~~
15. The descriptions of recoverable stations and references to shore line were accomplished on Form 524. (Par. 29, 30, 57, 67 except scaling of DMs and DPs, 68.) *1 Card submitted*
16. A list of landmarks for charts was furnished on Form 567 and plotting checked. (Par. 16d, e, 60.) ✓
17. The magnetic meridian was shown and declination was checked. (Par. 17, 52.) *No note of having checked declinatoire*
18. The geographic datum of the sheet is *N.A. 1927 (Adjusted)* and the reference station is correctly noted. (Par. 34.)
19. Junctions with contemporary surveys are adequate. ✓
20. Geographic names are shown on the sheet and are covered by the Descriptive report. (Par. 64, 66k.) ✓
21. The quality of the drafting is ^{*Fair*} good. (Par. 31, 32, 33, 35, 36, 37, 38, 39, 40, 41, 42, 45, 46, 47, 48, 49, 50.) *Lettering is not very good*
General Drafting is only fair
22. No additional surveying is recommended. —
23. The Chief of Party inspected and approved the sheet and the descriptive report ~~after review by~~ ✓

24. Remarks:

Reviewed in office by *Chas. R. Bush Jr.* *May 20, 1936.*

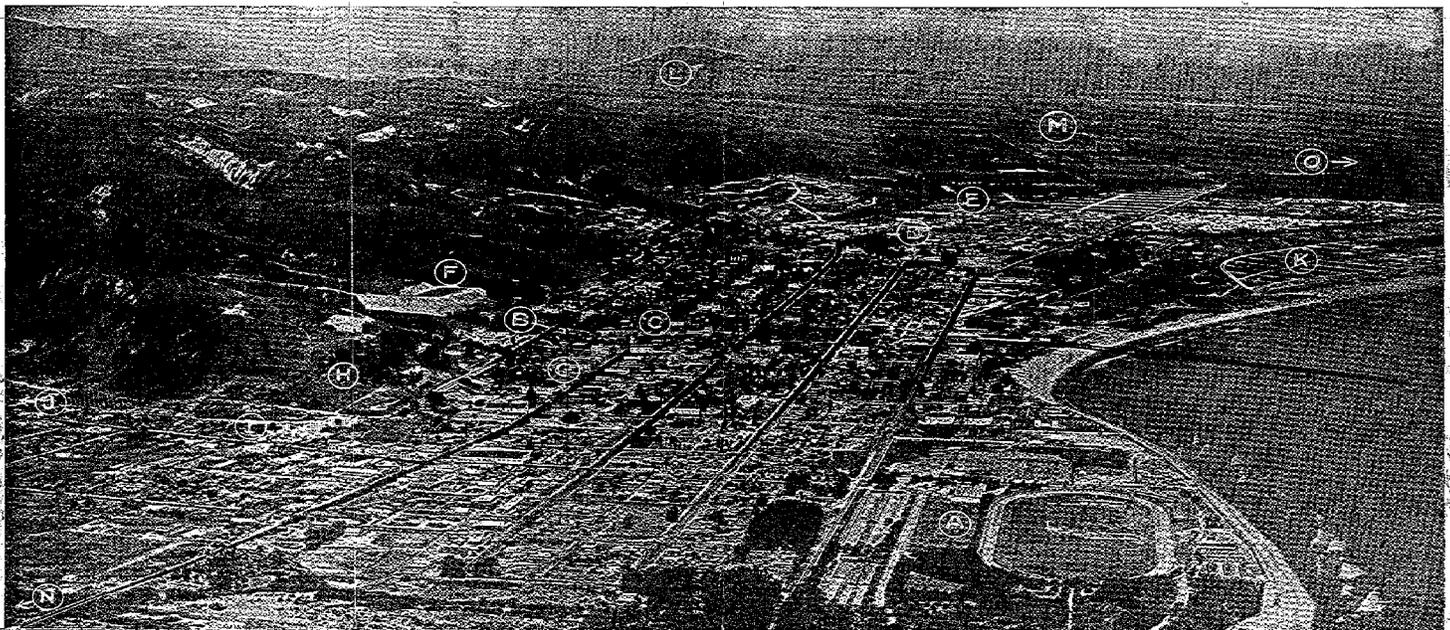
Examined and approved:

E. H. Green
Chief, Section of Field Records

L. O. Tolbert
Chief, Division of Charts

Fred. R. Peacock
Chief, Section of Field Work

G. H. Hude
Chief, Division of Hyd. and Top.



Airplane View of the City of Ventura (Officially San Buenaventura) and Surroundings *Photo taken sometime between 1929 and 1932.*

- (A) Seaside Park, Cooney Fair Grounds, Race Track and Ball Park.
- (B) Ventura County Court House.
- (C) Ventura City Hall.
- (D) Ventura High School and Grounds.
- (E) Ventura Junior College and Grounds.
- (F) City Emergency Water Storage Reservoir.
- (G) San Buenaventura Mission, founded in 1782 by Father Junipero Serra.
- (H) Grant Park with Cross placed by Father Serra. This spot affords a magnificent panorama view of the city and coast line.
- (I) Ventura Avenue, West Business District.
- (J) Highway leading to the Ventura Avenue Oil Fields, Ojai, Roser Park. This will also be the terminus of the Maricopa-Ventura Highway from the San Joaquin Valley.

- (K) Pierpont Bay, Beach Suburb with Municipal Beach Park immediately adjacent to the lido.
- (L) South Mountain.
- (M) Santa Clara Valley planted to citrus fruit, walnuts, lima beans and sugar beets. One of the most fertile and productive valleys in California.
- (N) Coast Highway to Santa Barbara and San Francisco.
- (O) Ventura Boulevard with diversion points furnishing four major paved Highways to Los Angeles via Saugus and San Fernando Valley, via Santa Susana, Burbank and Glendale, via Conejo and Hollywood, and via Oxnard, Malibu Highway and Santa Monica. Also Coast Route to San Diego.

History

Ventura (officially San Buenaventura) is one of the oldest settlements on the Pacific Coast. As an Indian fishing village it welcomed the explorer Juan Rodriguez Cabrillo and later Don Gaspar de Portola. Cabrillo was burnt on San Miguel Island directly opposite Ventura. This city is also the site of the last of the California missions, the mission of San Buenaventura being established by Father Junipero Serra in 1782. This mission still stands and is an object of great interest to tourists. Ventura was incorporated as a town by the legislature on March 10, 1886, and on June 5, 1906, was recognized as a city of the fifth class. In 1873, the county of Santa Barbara was divided and the county of Ventura was created with Ventura as the county seat.

Some Interesting Facts

Ventura is the busiest seat and principal trading center of a country that has averaged, for the past six years, more than twenty million dollars in agricultural products and more than twenty-five million dollars in mineral products. The income from citrus fruits including oranges, lemons and grapefruit averages better than eight millions yearly; walnuts, almond and milliflor lima beans, between four and five millions; sugar beets, one million; hay and grain, better than one million; dairy products, one million; vegetables, principally tomatoes, carrots and peppers, more than half a million; and apricots, better than half a million. This rich agricultural and oil region is concentrated within a radius of thirty miles of Ventura, or less than one hour's driving time from its farthest extremity. This explains why the U. S. census of 1930 credited Ventura with better than thirteen million dollars of retail trade. Five oil fields, including the Ventura Avenue field two miles from the northern city limits of Ventura, produced annually during this period of cartholium better than seven million dollars of oil and gas and at peak production two years ago, ran better than thirty-six million. The Ventura Avenue field, which has the deepest proven producing zone of any field in the world, has a potential production capability of around 75,000 barrels daily without any additional drilling. A new field, San Miguelito, has recently been proven between the Ventura Avenue and the Saugus fields and extensive drilling is taking place to prove a deeper zone in the Fillmore and Santa Paula areas. Ventura County oil fields are controlled by major companies, thus insuring steady and rational development that will prolong their existence for many years after the flush fields are exhausted and give Ventura an assured income for the next forty years at least. Oil and gasoline is shipped from Ventura by tankers to the Orient and to ports on the Atlantic and Pacific Coasts. Sheltered from the prevailing northwesterly winds by the Channel Islands and Point Arguello, tankers and lumber schooners are the port the year around. A commercial pier at the foot of Fir Street and a pleasure pier at Pierpont Bay, afford access to ships and are available for fishermen at all seasons. Boats in charge of experienced pilots make regular trips to the islands during the summer season and are available for charter during the winter. Ventura is the nearest port to Anacapa and Santa Cruz Islands where the finest fishing grounds on the coast are located and where wild boar hunting and other sports furnish unique and inexpensive thrills. Ventura also has at Seaside Park, a modernly equipped baseball park with a grass diamond, a full mile race track, basketball playground, accommodations for campers and picnicers. Its beaches are open to the public for a distance of six miles and are equipped with life guards during the bathing season. The Fisher Museum at the Court House is ranked with the best in the state with its immense collection of data and artifacts, dating from prehistoric periods to the early pioneer days. It is amply supplemented by the Museum at the Mission San Buenaventura and together, they provide the tourist many interesting hours.



THE VENTURA-MARICOPA HIGHWAY shown upon the above map will furnish a direct route from the San Joaquin valley to Ventura, cutting off forty miles between the west side of the valley and making it the nearest available route for this rich oil, cattle and agricultural domain. In addition, this highway will develop the Coyote valley which it traverses, creating a new seasonal district tributary to Ventura and will open up a wonderful scenic area in the Santa Barbara forest reserve, now practically inaccessible. This region contains great potential mineral resources as well as natural wonders such as mineral hot springs, the best trout fishing streams in Southern California, hunting grounds where deer and mountain lions abound and unsurpassed views from high mountain ranges which the highway crosses. Through the Ventura-Maricopa highway the proposed West Side Highway will eventually pour traffic from the northern part of the state into Ventura where it will have the choice of four main highways to Los Angeles and other Southern California points. Ventura beaches, being closest both in time and distance, will be the Mecca for San Joaquin valley residents during the hot summer months and Ventura will be the summer capital for the valley. Completion of the road is scheduled for 1933. Work upon the final seventeen mile link is now well under way.

Location and Transportation

Ventura is located on the Coast Highway, also known as the Mission Trail or the Road to Romance. This is one of the two present established main north and south highways of California. From the city four paved highways radiate, giving the automobilist a choice of four roads to Los Angeles via Saugus and the San Fernando valley, via Santa Susana Pass through Glendale and Burbank, via the Conejo Pass through Hollywood and Universal City, via the Roosevelt Coast Line Highway through Santa Monica, one of the most beautiful scenic routes in the world. By the Roosevelt Highway, it is possible to avoid Los Angeles traffic entirely and travel directly to Long Beach, Santa Ana and San Diego. The Coast Highway extends west to Santa Barbara along the famous Rincon Drive thence northward to San Francisco. With the completion of the Maricopa Road, now under construction, Ventura will become the terminus of a third major State Highway traversing the west side of the great San Joaquin valley. The Southern Pacific railroad, through its main coast line, serves Ventura with four daily trains to Los Angeles with branch lines to Santa Paula and Fillmore and to Ojai. The Pacific Greyhound Lines serve Ventura with schedules to Los Angeles, San Francisco and San Diego and intermediate points over four different routes.

Ventura Offers

To visitors and prospective residents, a fine all-year around climate with no extremes of heat or cold and a warm temperature of fifty-fifty degrees. Three hundred days of sunshine. Fifteen miles of fine ocean beaches. Some of the most beautiful mountain scenery in the world. Mineral hot springs resorts in the famed Ojai district, including Wheeler's Hot Springs, Matijis, Sulphur Mountain and Buenaventura. Trout streams in the Sespe and Ventura river watersheds. Mountains filled with deer and game birds. The finest deep sea fishing in the world off Anacapa and Santa Cruz Islands opposite the city and less than 20 miles distant. Ideal yachting in the Channel between the islands and mainland. The cream of the town's attractions of Southern California within two hours drive of Ventura. Beautiful residential sites on the hills overlooking the ocean. Joint city and county library containing 170,000 volumes with two local branches, one on Ventura Avenue and one on East Main Street. It has special collection of historical material about the city and county. Open every day except Sunday from 9 A. M. to 9 P. M. A modern 6-4 school system which takes the child from the kindergarten on and through two years of college. The Ventura Junior College ranks with other institutions of its nature in the state.

Statistical Data

Population U. S. Census Figures: 1920-11,623; 1930-14,156. Increase-21.9%.	Tax Rate, City, 1932: \$2.86 per \$100 assessed valuation, computed on basis of one-third real valuation.
Ventura Township: 36,669.	Tax Rate, County, 1932: \$0.28 per \$100 inside city limits.
Trading Area: 36,600.	Ventura has three banks with deposits aggregating nearly ten million dollars and has had no bank failures.
Retail Sales: \$12,781,818. Census Figures: \$13,124,313.	Gas Rate: Domestic service charge 90c per meter per month, 7c per hundred cubic feet. Industrial: Rates to meet any situation.
Assessed Valuation: \$10,661,010.	Water Rate: First 300 cu. ft. 25c per 100 cu. ft.; 2nd 300 cu. ft. 17c per 100 cu. ft.; 10,000 cu. ft. 12c per 100 cu. ft.; 20,000 cu. ft. 9c per 100 cu. ft. Minimum rate \$1.40.
Building Permits, 1932: \$76,724.	Electric Rates: 70-250 kwh. per meter per mo. 53c per k.w.h. Next 750 kwh. per meter per mo. 9c per k.w.h. Next 1000 kwh. per meter per mo. 43c per k.w.h. Next 2000 kwh. per meter per mo. 39c per k.w.h. All over 5000 per meter per mo. 3c per k.w.h. Minimum charge \$1.00.
Postal Receipts, 1932: \$86,418.12.	Telephone, 1932: 4,500.
Electric Meters, 1932: 4,876.	Gas Meters, 1932: 4,678.
Water Meters, 1932: 4,000.	School Enrollment, 1932: 6,000.
School Enrollment, 1932: 6,000.	Gymnasiums, 1,226.
Junior High School, 1,049.	Senior High and Junior College, 780.
Parochial School, 265.	St. Catherine's Academy, 66.

Ventura Has: Four parks and playgrounds, including beach park. Two hospitals, three theatres, public library, city hall, county court house, two museums, modern apartment houses, twenty hotels, four clubs—country, golf and beach, modern ball park, municipal golf course, race track and fair grounds, sanitary sewer system, 38.5 miles of paved streets, 5.5 miles of unpaved streets, ornamental light and city owned water system.