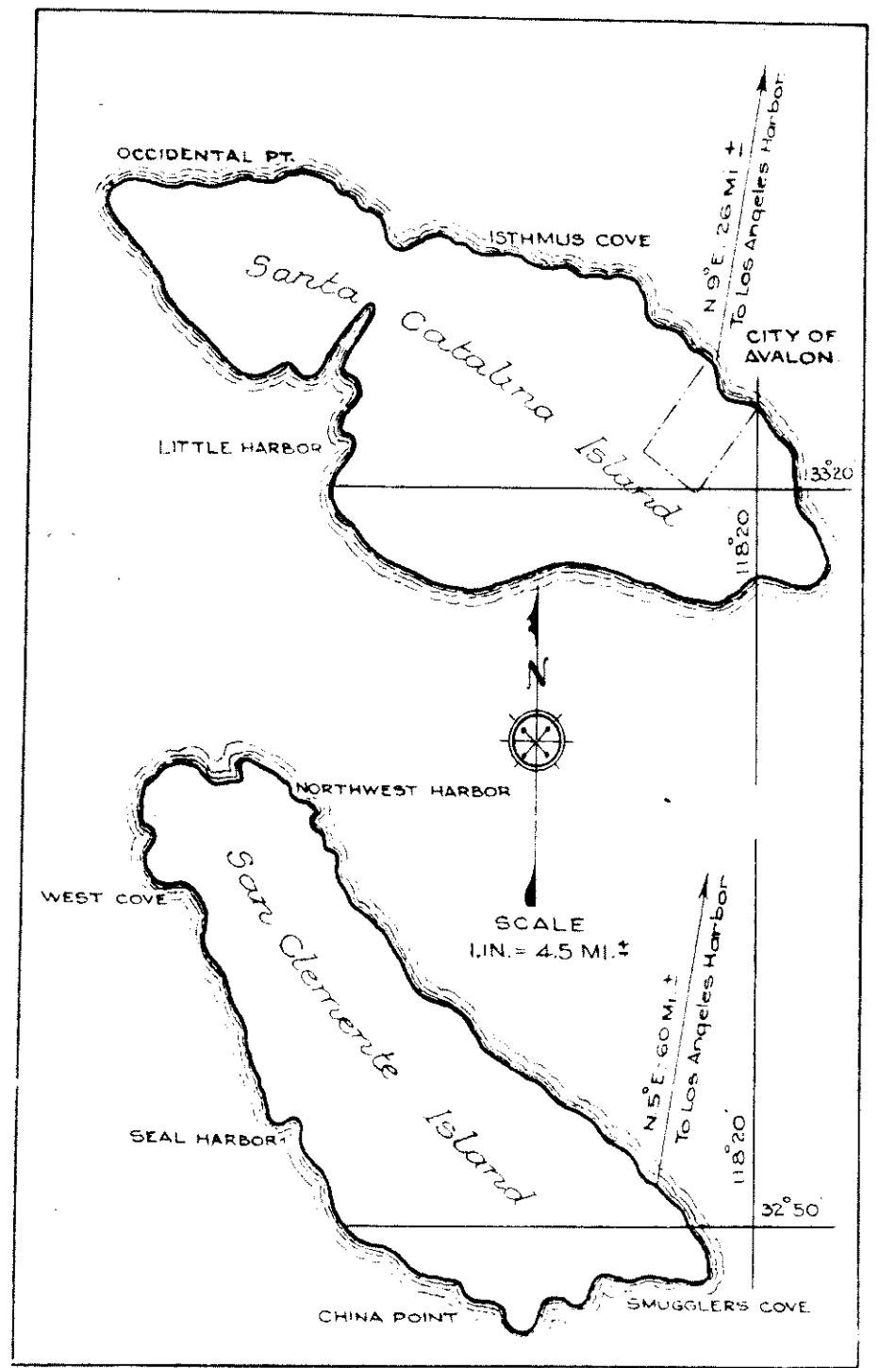


C.S. B-711-3
C.S. B-830-1
C.S. B-875-1
C.S. - 873-3
C.S. - 873-6

C.S. 8175-12
C.S. 8580

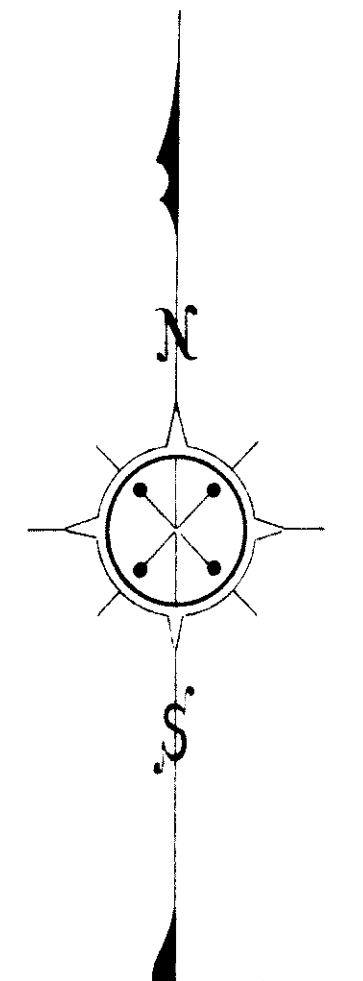
C.S. B-771-1
C.S. 8032-12
C.S. 8750-12, 8733, 8734, 8735



**COMPUTATION OF AREA OF COUNTY OF LOS ANGELES
BY U.S.G.S. QUADRANGLE SHEETS**

NAME	DATE SURVEYED	AREA SQ MILES	NAME	DATE SURVEYED	AREA SQ MILES
Acton		39,358.7	Long Beach	1923	6,015.7
Adobe	1931	16,056.7	Los Angeles		33,542.7
Alder Creek		39,417.3	Lovina Springs		39,675.9
Alhambra		39,542.7	Marysville	1933	46,809.9
Alhambra		39,496.9	Mescal Creek		39,358.7
Angeles	1930	14,724.0	Mint Canyon		39,312.3
Arroyo Seco	1929	7,213.0	Mr. Eames		39,358.7
Arroyo	1925	22,855.0	Mr. Gleason		39,404.8
Ayala		39,450.9	Mr. Lowe		39,450.9
Bear Trap Canyon	1931, 1932	38,667.7	Mr. Waterman		39,404.8
Bell		39,588.4	Mr. Wilson		39,450.9
Black Butte		39,312.3	Neenach	1932	46,402.6
Black Mountain	1935	5,456.7	Newhall		39,404.8
Bonyon Canyon	1934	16,193.0	North Baldy		39,404.8
Burbank		39,450.9	Oak Flat		39,312.3
Campa Bonita		17,435.4	Oban	1930	47,441.0
Campa Rincon		39,450.9	Pico		39,450.9
Casa Delberta	1930	48,142.9	Pallet Creek		39,358.7
Castaic	1929, 1931	38,897.7	Palm Dale		39,312.3
Chatsworth	1933	18,654.1	Pearland		39,312.3
Chileno Canyon		39,450.9	Pico	1929	25,472.6
Cleburn	1925	28,033.3	Pine Mountain		19,432.2
Clearwater		39,634.0	Puente		39,542.7
Compton		39,634.0	Quail	1932, 1933	46,368.3
Covina		39,542.7	Ravenna		39,358.7
Cryshal Lake		39,404.8	Red Mountain		39,312.3
Del Sur		39,265.9	Redrock Mtn		39,265.9
Dry Canyon	1925, 1928	35,493.2	Red Rover		39,312.3
Dume Point	1928	28,806.0	Rezeda		39,450.9
Eve Canyon	1933	19,781.4	Roosevelt School	1930	47,860.1
El Mirage	1930	13,142.5	Russell Valley	1929	12,110.5
El Monte		39,542.7	San Pedro Hills	1925	32,263.6
Esperanza School	1931	47,190.4	Santa Felicia Canyon	1931	39,358.7
Farmont		46,510.9	Saugus		39,358.7
Glendale		39,496.9	Sawfelle	1931	39,125.2
Glendora		39,450.9	Seminole	1929	26,868.6
Gorman	1932, 1933	39,219.9	Sierra Madre		39,265.9
Hi Vista	1931	48,393.4	Solstice Canyon	1929	29,106.0
Hollywood		39,542.7	Sunland		39,450.9
Hughes Lake		39,265.9	Sylmar		39,404.8
Huntington		39,358.7	Terra Bonita		39,265.9
Inglewood		39,588.4	Topanga Canyon	1925	25,737.9
Joshua	1930	48,328.5	Torrance	1930	39,562.1
La Brea	1925	22,369.9	Trail Canyon		39,404.8
La Crescenta		39,450.9	Valerimo		39,358.7
La Habra	1925	25,557.1	Van Nuys		39,496.9
La Verne	1925	29,252.2	Venice	1930	19,048.0
Lake		39,265.9	Warm Spring		39,265.9
Lancaster		39,265.9	Watts		39,528.4
Lang		39,258.7	West Alpine Butte		39,265.9
Los Flores	1929	25,077.9	Whittaker Peak	1931	24,760.7
Le Brun		39,312.3	Whittier		39,588.4
Little Buttes	1931	46,917.9	Wilmington	1923	22,787.1
Little Rock		39,312.3	Wilson		39,265.9
Little Tujunga		39,404.8	Zelzah		39,450.9

Mainland Area - County of Los Angeles - Sq Miles = 3951.9733
 Area of San Clemente Island per C.S.B-1138-2 - Sq Miles = 56.471
 Area of Santa Catalina Island per C.S.B-1138-1 - Sq Miles = 74.8542
Total Area - County of Los Angeles - Sq Miles = 4083.2996



NOTE -
 The Area of the County is based on the recognized boundaries as defined in Political Code Sec. 3927 (1923) and validated by Stats. 1927-1666.

The Method used in computing the Area of the County of Los Angeles was as follows -
 The areas of quadrilaterals both for 2 minutes and 6 minutes extent in latitude and longitude were computed on the Clarke Spheroid of 1866 using the formulas as given on Page 165 of "Geodesy & Least Squares" by Charles L. Crandall.

The areas of the irregular U.S.G.S. quadrangles adjoining the ocean were obtained by planimetry, a comparison being made between the reading on each irregular area and the reading on the known area of the corresponding 2 minute quadrilateral.

The areas of the other irregular quadrangle sheets were obtained either by planimetry or by cutting the irregular figures up into triangles and quadrilaterals and scaling the various dimensions. The scaled distances between parallels and meridians were compared with the true distances as shown in U.S. Department of Commerce Special Publication No. 5 and the ratio of true to scaled was used in reducing the various scaled distances.

In planimetry, each irregular area was measured on an average of four times by each of two computers and the mean of the two computers' averages was adopted as the final area for that particular figure.

Likewise the areas of San Clemente and Santa Catalina Islands were obtained by planimetry on the maps of these islands noted above, comparison being made between the readings on the islands and the readings on the known area of the corresponding 5 minute quadrilaterals.

The detailed calculations are on file in the office of the County Surveyor.

Upon recommendation of the County Surveyor, September 16, 1936, the Board of Supervisors by order of September 30, 1936 (Minute Book 225, Page 143) adopted the following as the official areas of the mainland and islands of the County of Los Angeles:-
 Mainland 3951.98 Square Miles
 San Clemente Island 56.41 " "
 Santa Catalina Island 74.82 " "
TOTAL AREA OF THE COUNTY OF L.A. - 4083.21 SQUARE MILES.

**MAP SHOWING
 AREA OF
 LOS ANGELES COUNTY,
 CALIFORNIA**

COUNTY SURVEYORS MAP NO. B-1095
 SCALE - 1 INCH = 4.5 MILES

JOB NUMBER 5066

ALFRED JONES - COUNTY SURVEYOR
 COMPILED OCT.-NOV. 1935.

CALCULATED BY E. C. MENTZ
 CHECKED BY H. E. HAYES

Negative of this Map Filed in Blue Print Dept. as Negative No. 231.

CSB-1095-2
 A1 OF A1