



**LEGEND**

To obtain more detailed information in areas where Base Flood Elevations (BFEs) and/or floodways have been determined, users are encouraged to consult the Flood Profiles and Floodway Data Tables contained within the Flood Insurance Study (FIS) report that accompanies this FIRM. Users should be aware that BFEs shown on the FIRM represent rounded whole-foot elevations and therefore may not exactly reflect the flood elevation data presented in the FIS. For construction and/or floodplain management purposes, users are encouraged to use the flood elevation data presented in the FIS in conjunction with the data shown on the FIRM.

Elevation Reference Marks (ERM) elevations listed on this map were obtained and/or developed to establish vertical control for determination of flood elevations and floodplain boundaries portrayed on this map. Users should be aware that these ERM elevations may have changed since the publication of this map. To obtain up-to-date elevation information on National Geodetic Survey (NGS) ERMs shown on this map, please contact the Information Services Branch of the NGS at (202) 713-2642, or visit their website at [www.ngs.noaa.gov](http://www.ngs.noaa.gov). Map users should seek verification of non-NGS ERM monument elevations when using these elevations for construction or floodplain management purposes.

Coastal BFEs shown on this map apply only to landward of 0.7 National Geodetic Vertical Datum (NGVD). Users of this FIRM should be aware that coastal flood elevations are also provided in the Summary of Stillwater Elevations table in the Flood Insurance Study report for this community. Elevations shown in the Summary of Stillwater Elevations table should be used for construction and/or floodplain management purposes when they are higher than the elevations shown on this FIRM.

- LEGEND**
- ZONE A** No base flood elevations determined.
  - ZONE AE** Base flood elevations determined.
  - ZONE AH** Flood depths of 1 to 3 feet (usually areas of ponding); base flood elevations determined.
  - ZONE AO** Flood depths of 1 to 3 feet (usually sheet flow, on sloping terrain); average depth determined. For areas of alluvial fan flooding, velocities also determined.
  - ZONE A99** To be protected from 100-year flood by Federal flood protection system under construction; no base flood elevations determined.
  - ZONE V** Coastal flood with velocity hazard (wave action); no base flood elevations determined.
  - ZONE VE** Coastal flood with velocity hazard (wave action); base flood elevations determined.
  - FLOODWAY AREAS IN ZONE AE**
  - OTHER FLOOD AREAS**
  - OTHER AREAS**
  - ZONE X** Areas determined to be outside 100-year floodplain.
  - ZONE D** Areas in which flood hazards are undetermined.
  - UNDEVELOPED COASTAL BARRIERS**
  - Identified 1983
  - Identified 1990
  - Otherwise Protected Areas
  - Floodplain Boundary
  - Floodway Boundary
  - Zone D Boundary
  - Boundary Dividing Special Flood Hazard Zones, and Boundary Dividing Areas of Different Coastal Base Flood Elevations Within Special Flood Hazard Zones.
  - Base Flood Elevation Line: Elevation in Feet
  - Cross Section Line
  - Base Flood Elevation in Feet Where Uniform Within Zone\*
  - Elevation Reference Mark
  - River Mile
- \*Referenced to the National Geodetic Vertical Datum of 1929

**NOTES**

This map is for use in administering the National Flood Insurance Program. It does not necessarily identify areas subject to flooding, particularly near local drainage sources of small size, or all planimetric features outside Special Flood Hazard Areas. The community map repository should be consulted for more detailed data on BFEs, and for any information on floodway delineations, prior to use of this map for property purchase or construction purposes.

Areas of Special Flood Hazard (100-year flood) include Zones A, AE, A1-A30, AH, AO, A99, V, VE and V1-V30.

Certain areas not in Special Flood Hazard Areas may be protected by flood control structures.

Boundaries of the floodways were computed at cross sections and interpolated between cross sections. The floodways were based on hydraulic considerations with regard to requirements of the Federal Emergency Management Agency.

Floodway widths in some areas may be too narrow to show to scale. Refer to Floodway Data Table where floodway width is shown at 1:20 scale.

Corporate limits shown are current as of the date of this map. The user should contact appropriate community officials to determine if corporate limits have changed subsequent to the issuance of this map.

For adjoining panels, see separately printed Map Index.

**MAP REPOSITORY**

Department of Public Works 333 W. Ocean Boulevard Long Beach, California 90802 (Maps available for reference only, not for distribution.)

**INITIAL IDENTIFICATION:** JULY 26, 1974

**FLOOD HAZARD BOUNDARY MAP REVISION:** JULY 11, 1978

**FLOOD INSURANCE RATE MAP EFFECTIVE:** SEPTEMBER 15, 1983

**FLOOD INSURANCE RATE MAP REVISIONS:** Map revised July 6, 1998 to add base flood elevations, to add special flood hazard areas, to change zone designations, to update map format, and to reflect updated topographic information.

To determine if flood insurance is available in this community, contact your insurance agent or call the National Flood Insurance Program at (800) 638-6620.

**APPROXIMATE SCALE IN FEET**

0 1000 2000

**ELEVATION REFERENCE MARKS**

REFERENCE MARK	ELEVATION (FT. NGVD)	DESCRIPTION OF LOCATION
RM1	29.00	A Los Angeles County Flood Control District lead and track located on the north curb of the east approach ramp, approximately 100 feet east of edge of San Francisco Avenue bridge over the Los Angeles River at the northwest corner of the intersection of Anaheim Street and San Francisco Avenue.
RM5	37.039	Southwest 49th Street at Virginia Avenue, bolt in west curb, 12.8 feet south of curb line.
RM6	59.262	Southwest San Antonio Drive at Cherry Avenue, standard brass disc in portland cement concrete, flush with pavement, marked "City of Long Beach bench mark 1978", 63.0 feet south of curb, 1.1 feet west of curb.
RM7	21.718	Southwest Arlington Street at Hesperian Avenue, lead and tack in south curb, 3.0 feet east of beginning curb return.
RM8	24.842	Northeast 33rd Street at Pacific Place, lead and tack in catch basin east side of Pacific Place, 15.7 feet north of 33rd Street projected centerline.
RM9	53.706	Southeast Wardlow Road at Cherry Avenue, standard brass disc in portland cement concrete, flush with pavement, marked City of Long Beach registered civil engineer 9673 bench mark 93-A 1976, 23.0 feet west of curb, 1.1 feet south of curb.
RM10	15.366	Set lead and concrete nail, top of south curb of Pacific Coast highway east end catch basin and approximately 25 feet west of intersection of Pacific Coast Highway and off ramp from Terminal Island Freeway.
RM11	10.134	Northeast Pacific Coast Highway at Chestnut Avenue, lead and tack in portland cement concrete curb, 37 feet east of curb.
RM12	18.057	Southwest Pacific Coast Highway at Cherry Avenue, brass clip in well, 6.0 feet east of curb, 39.4 feet south of curb line.

This area protected from the one percent annual chance (100-year) flood by levee, dike, or other structures subject to possible failure or overtopping during larger floods.

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AREA REVISED BY LOMR DATED FEBRUARY 25, 2000

AREA REVISED BY LOMR DATED FEBRUARY 25, 2000

AREA REVISED BY LOMR DATED SEPTEMBER 1, 2000

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- KEY TO NUMBERED STREETS**
1. PALM
  2. SCHOONER
  3. WINWARD STREET
  4. SLOOP

**NATIONAL FLOOD INSURANCE PROGRAM**

**FIRM**

**FLOOD INSURANCE RATE MAP**

CITY OF LONG BEACH, CALIFORNIA  
LOS ANGELES COUNTY

PANEL 10 OF 35  
(SEE MAP INDEX FOR PANELS NOT PRINTED)

COMMUNITY-PANEL NUMBER  
060136 0010 C

REVISED MAP REVISION:  
REFLECT LOMR  
DATED JAN 1 2002  
Federal Emergency Management Agency