



Federal Emergency Management Agency

Washington, D.C. 20472

LETTER OF MAP REVISION DETERMINATION DOCUMENT

COMMUNITY AND REVISION INFORMATION		PROJECT DESCRIPTION	BASIS OF REQUEST
COMMUNITY	San Bernardino County California (Unincorporated Areas)	NO PROJECT	1D HYDRAULIC ANALYSIS BASE MAP CHANGES FLOODWAY UPDATED TOPOGRAPHIC DATA
	COMMUNITY NO.: 060270		
IDENTIFIER	Joshua Tree Creek	APPROXIMATE LATITUDE & LONGITUDE: 34.137, -116.317 SOURCE: USGS QUADRANGLE DATUM: NAD 83	
ANNOTATED MAPPING ENCLOSURES		ANNOTATED STUDY ENCLOSURES	
TYPE: FIRM*	NO.: 06071C8140J DATE: September 2, 2016	DATE OF EFFECTIVE FLOOD INSURANCE STUDY: September 2, 2016	
TYPE: FIRM*	NO.: 06071C8145J DATE: September 2, 2016	PROFILE(S): 76P, 77P FLOODWAY DATA TABLE: 11	

Enclosures reflect changes to flooding sources affected by this revision.

* FIRM - Flood Insurance Rate Map

FLOODING SOURCE(S) & REVISED REACH(ES)

See Page 2 for Additional Flooding Sources

Joshua Tree Creek - From approximately 380 feet upstream of Valley View Street to just upstream of Twentynine Palms Highway.

SUMMARY OF REVISIONS

Flooding Source	Effective Flooding	Revised Flooding	Increases	Decreases
Joshua Tree Creek	BFEs*	BFEs	YES	YES
	Floodway	Floodway	YES	YES
	Zone AE	Zone AE	YES	YES
	Zone X (shaded)	Zone X (shaded)	YES	YES

* BFEs - Base Flood Elevations

DETERMINATION

This document provides the determination from the Department of Homeland Security's Federal Emergency Management Agency (FEMA) regarding a request for a Letter of Map Revision (LOMR) for the area described above. Using the information submitted, we have determined that a revision to the flood hazards depicted in the Flood Insurance Study (FIS) report and/or National Flood Insurance Program (NFIP) map is warranted. This document revises the effective NFIP map, as indicated in the attached documentation. Please use the enclosed annotated map panels revised by this LOMR for floodplain management purposes and for all flood insurance policies and renewals in your community.

This determination is based on the flood data presently available. The enclosed documents provide additional information regarding this determination. If you have any questions about this document, please contact the FEMA Mapping and Insurance eXchange (FMIX) toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 3601 Eisenhower Avenue, Suite 500, Alexandria, VA 22304-6426. Additional information about the NFIP is available on our website at <https://www.fema.gov/flood-insurance>.

Patrick "Rick" F. Sacibit, P.E., Branch Chief
Engineering Services Branch
Federal Insurance and Mitigation Administration



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Washington, D.C. 20472

**LETTER OF MAP REVISION
DETERMINATION DOCUMENT (CONTINUED)**

OTHER FLOODING SOURCES AFFECTED BY THIS REVISION

FLOODING SOURCE(S) & REVISED REACH(ES)

Joshua Tree Creek - From approximately 380 feet upstream of Valley View Street to just upstream of Twentynine Palms Highway.

SUMMARY OF REVISIONS

Flooding Source	Effective Flooding	Revised Flooding	Increases	Decreases
Joshua Tree Creek	Zone AE	Floodway	YES	NONE
	Zone AE	Zone X (shaded)	YES	NONE

SUMMARY OF REVISIONS

This Letter of Map Revision (LOMR) is an update to a LOMR issued March 21, 2023 (Case No. 21-09-0621P), which revised the Special Flood Hazard Areas (SFHA), the area subjected to inundations by the base (1-percent-annual-chance) flood, Base Flood Elevations (BFEs) and the regulatory floodway along the flooding source listed above. This LOMR updates the stream stationing of cross sections in the Floodway Data Table (FDT) which were inadvertently mislabeled in the FDT issued with the March 21 LOMR. This LOMR does not revise the SFHA, BFE determinations and regulatory floodway delineations shown on the FIRM panels 06071C8140J and 06071C8145J and BFE determinations on the revised Profile Panels 76P and 77P issued with the March 21 LOMR, but are included with this LOMR for informational purposes.

This determination is based on the flood data presently available. The enclosed documents provide additional information regarding this determination. If you have any questions about this document, please contact the FEMA Mapping and Insurance eXchange (FMIX) toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 3601 Eisenhower Avenue, Suite 500, Alexandria, VA 22304-6426. Additional Information about the NFIP is available on our website at <https://www.fema.gov/flood-insurance>.

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LETTER OF MAP REVISION DETERMINATION DOCUMENT (CONTINUED)

COMMUNITY INFORMATION

APPLICABLE NFIP REGULATIONS/COMMUNITY OBLIGATION

We have made this determination pursuant to Section 206 of the Flood Disaster Protection Act of 1973 (P.L. 93-234) and in accordance with the National Flood Insurance Act of 1968, as amended (Title XIII of the Housing and Urban Development Act of 1968, P.L. 90-448), 42 U.S.C. 4001-4128, and 44 CFR Part 65. Pursuant to Section 1361 of the National Flood Insurance Act of 1968, as amended, communities participating in the NFIP are required to adopt and enforce floodplain management regulations that meet or exceed NFIP criteria. These criteria, including adoption of the FIS report and FIRM, and the modifications made by this LOMR, are the minimum requirements for continued NFIP participation and do not supersede more stringent State/Commonwealth or local requirements to which the regulations apply.

We provide the floodway designation to your community as a tool to regulate floodplain development. Therefore, the floodway revision we have described in this letter, while acceptable to us, must also be acceptable to your community and adopted by appropriate community action, as specified in Paragraph 60.3(d) of the NFIP regulations.

COMMUNITY REMINDERS

We based this determination on the 1-percent-annual-chance flood discharges computed in the FIS for your community without considering subsequent changes in watershed characteristics that could increase flood discharges. Future development of projects upstream could cause increased flood discharges, which could cause increased flood hazards. A comprehensive restudy of your community's flood hazards would consider the cumulative effects of development on flood discharges subsequent to the publication of the FIS report for your community and could, therefore, establish greater flood hazards in this area.

Your community must regulate all proposed floodplain development and ensure that permits required by Federal and/or State/Commonwealth law have been obtained. State/Commonwealth or community officials, based on knowledge of local conditions and in the interest of safety, may set higher standards for construction or may limit development in floodplain areas. If your State/Commonwealth or community has adopted more restrictive or comprehensive floodplain management criteria, those criteria take precedence over the minimum NFIP requirements.

We will not print and distribute this LOMR to primary users, such as local insurance agents or mortgage lenders; instead, the community will serve as a repository for the new data. We encourage you to disseminate the information in this LOMR by preparing a news release for publication in your community's newspaper that describes the revision and explains how your community will provide the data and help interpret the NFIP maps. In that way, interested persons, such as property owners, insurance agents, and mortgage lenders, can benefit from the information.

This determination is based on the flood data presently available. The enclosed documents provide additional information regarding this determination. If you have any questions about this document, please contact the FEMA Mapping and Insurance eXchange (FMIX) toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 3601 Eisenhower Avenue, Suite 500, Alexandria, VA 22304-6426. Additional Information about the NFIP is available on our website at <https://www.fema.gov/flood-insurance>.

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Patrick "Rick" F. Sacibit, P.E., Branch Chief
Engineering Services Branch
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LETTER OF MAP REVISION DETERMINATION DOCUMENT (CONTINUED)

We have designated a Consultation Coordination Officer (CCO) to assist your community. The CCO will be the primary liaison between your community and FEMA. For information regarding your CCO, please contact:

Kathryn Lipiecki
Director, Mitigation Division
Federal Emergency Management Agency, Region IX
1111 Broadway, Suite 1200
Oakland, CA 94607-4052
(510) 627-7211

STATUS OF THE COMMUNITY NFIP MAPS

We will not physically revise and republish the FIRM and FIS report for your community to reflect the modifications made by this LOMR at this time. When changes to the previously cited FIRM panel(s) and FIS report warrant physical revision and republication in the future, we will incorporate the modifications made by this LOMR at that time.

This determination is based on the flood data presently available. The enclosed documents provide additional information regarding this determination. If you have any questions about this document, please contact the FEMA Mapping and Insurance eXchange (FMIX) toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 3601 Eisenhower Avenue, Suite 500, Alexandria, VA 22304-6426. Additional Information about the NFIP is available on our website at <https://www.fema.gov/flood-insurance>.

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LETTER OF MAP REVISION DETERMINATION DOCUMENT (CONTINUED)

PUBLIC NOTIFICATION OF REVISION

A notice of changes will be published in the *Federal Register*. This information also will be published in your local newspaper on or about the dates listed below, and through FEMA's Flood Hazard Mapping website at

https://www.floodmaps.fema.gov/fhm/bfe_status/bfe_main.asp

LOCAL NEWSPAPER

Name: *The San Bernardino Sun*

Dates: April 12, 2023 and April 19, 2023

Within 90 days of the second publication in the local newspaper, any interested party may request that we reconsider this determination. Any request for reconsideration must be based on scientific or technical data. Therefore, this letter will be effective only after the 90-day appeal period has elapsed and we have resolved any appeals that we receive during this appeal period. Until this LOMR is effective, the revised flood hazard determination presented in this LOMR may be changed.

This determination is based on the flood data presently available. The enclosed documents provide additional information regarding this determination. If you have any questions about this document, please contact the FEMA Mapping and Insurance eXchange (FMIX) toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 3601 Eisenhower Avenue, Suite 500, Alexandria, VA 22304-6426. Additional Information about the NFIP is available on our website at <https://www.fema.gov/flood-insurance>.

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Engineering Services Branch
Federal Insurance and Mitigation Administration

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER-SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
Joshua Tree Creek								
A	2,070 ¹	570	2,060	9.7	2,603.0	2,603.0	2,603.9	0.9
B	5,970 ¹	151	307	8.1	2,657.2	2,657.2	2,657.2	0.0
C	8,490 ¹	80	250	10.0	2,690.1	2,690.1	2,690.1	0.0
D	9,075 ¹	80	340	6.5	2,697.1	2,697.1	2,698.1	1.0
E	10,157 ¹	165	483	4.6	2,706.9	2,706.9	2,707.6	0.7
F	11,403 ¹	149	294	7.5	2,718.8	2,718.8	2,719.3	0.5
G	12,039 ¹	292	366	6.0	2,728.8	2,728.8	2,729.1	0.3
H	13,161 ¹	183	302	7.3	2,752.9	2,752.9	2,753.1	0.2
I	14,014 ¹	55	238	9.2	2,768.6	2,768.6	2,769.4	0.8
Kuffel Canyon Creek								
A	0 ²	40	106	4.7	5,117.5	5,117.5	5,118.5	1.0
B	660 ²	10	69	6.6	5,142.7	5,142.7	5,143.7	1.0
C	1,056 ²	5	32	11.2	5,178.6	5,178.6	5,179.6	1.0
Middle Fork Lytle Creek								
A	470 ³	287	1,472	13.6	2,915.7	2,915.7	2,915.9	0.2
B	1,825 ³	230	1,596	12.5	2,979.7	2,979.7	2,980.7	1.0
C	3,400 ³	159	711	11.7	3,056.7	3,056.7	3,057.5	0.8
D	4,900 ³	125	675	12.3	3,150.8	3,150.8	3,151.8	1.0



REVISED DATA

¹Feet above confluence with Yucca Creek

²Feet above Lake Arrowhead

³Feet above confluence with South Fork Lytle Creek

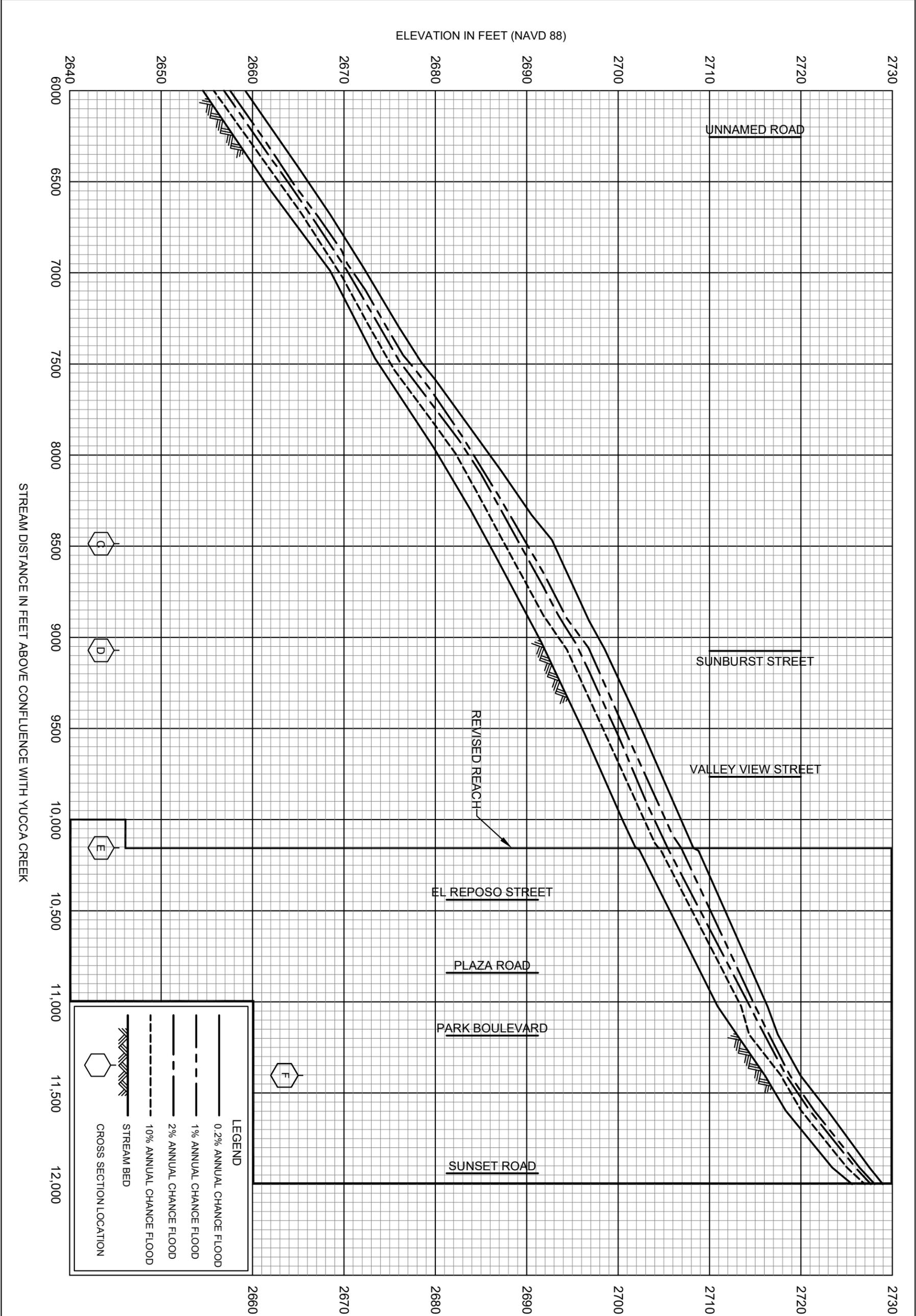
TABLE 11

FEDERAL EMERGENCY MANAGEMENT AGENCY

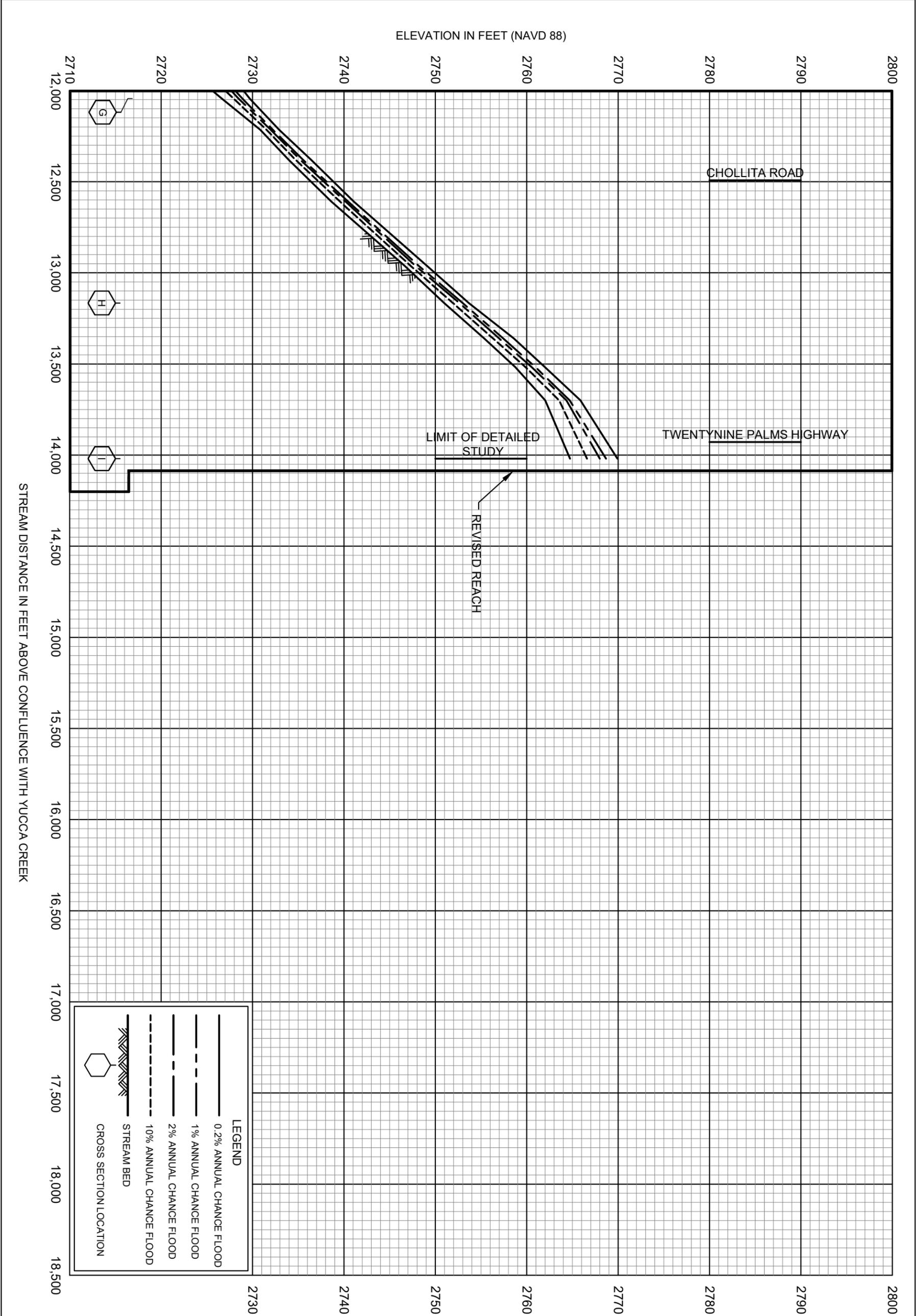
**SAN BERNARDINO COUNTY, CA
AND INCORPORATED AREAS**

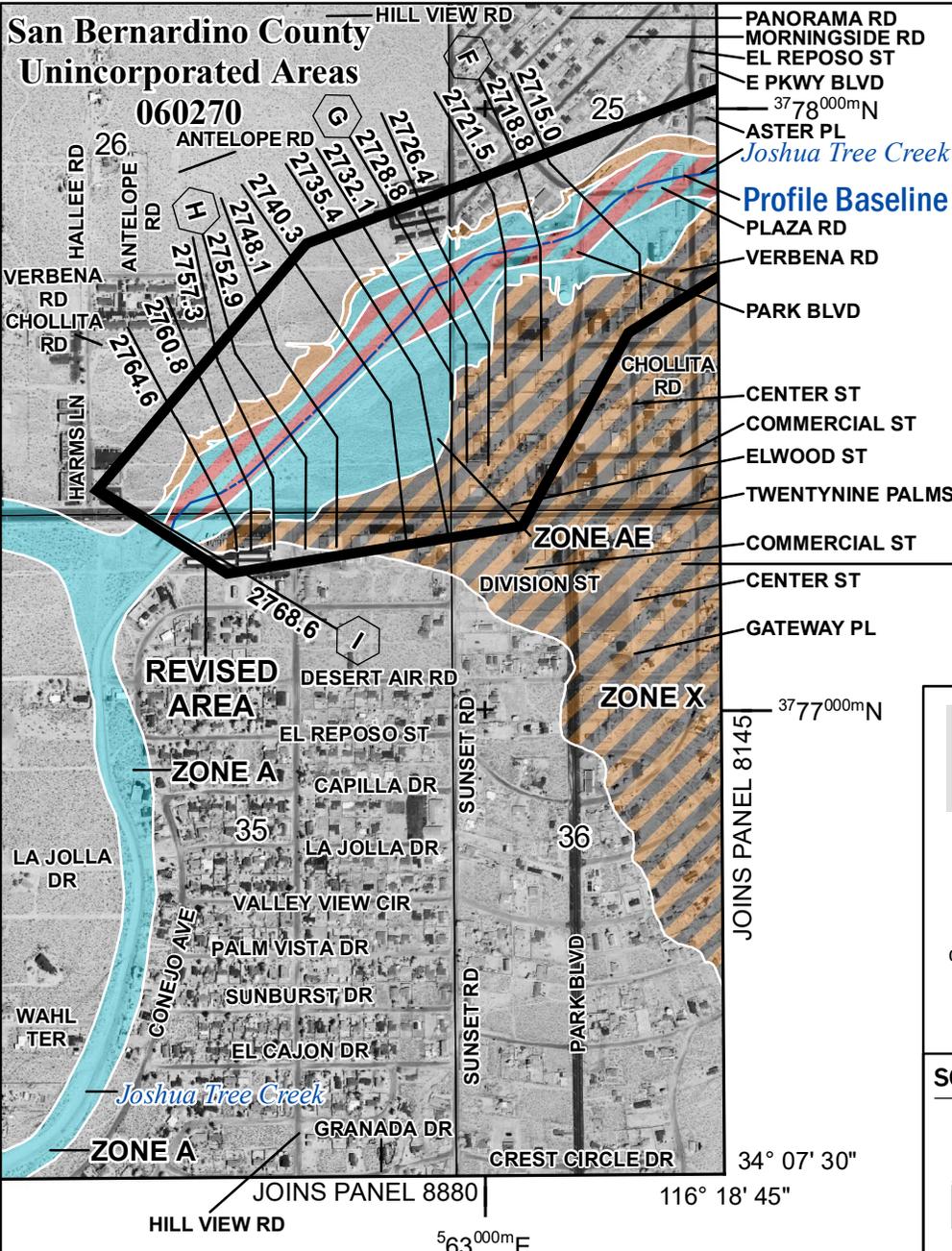
**REVISED TO
FLOODWAY DATA REFLECT LOMR
EFFECTIVE: August 17, 2023**

**JOSHUA TREE CREEK - KUFFEL CANYON CREEK -
MIDDLE FORK LYTLE CREEK**

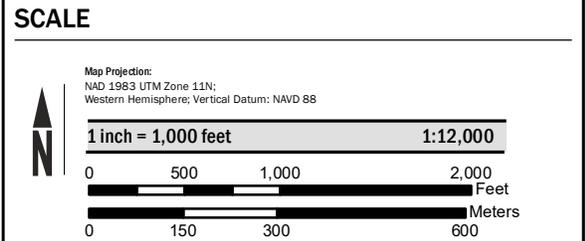
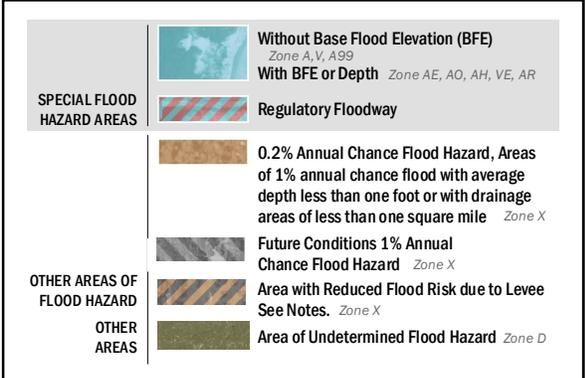


LEGEND	
	0.2% ANNUAL CHANCE FLOOD
	1% ANNUAL CHANCE FLOOD
	2% ANNUAL CHANCE FLOOD
	10% ANNUAL CHANCE FLOOD
	STREAM BED
	CROSS SECTION LOCATION





Note: This area is shown as reduced flood hazard from the 1-percent-annual-chance or greater flood by a levee system. Overtopping or failure of any levee system is possible. For additional information see the "Accredited Levee System Note" in Notes to Users.



NOTE: MAP AREA SHOWN ON THIS PANEL IS LOCATED WITHIN TOWNSHIP 1 NORTH, RANGE 6 EAST.

National Flood Insurance Program

NATIONAL FLOOD INSURANCE PROGRAM
FLOOD INSURANCE RATE MAP

SAN BERNARDINO COUNTY, CALIFORNIA
and Incorporated Areas

PANEL **8140** OF **9400**

Panel Contains:

COMMUNITY	NUMBER	PANEL	SUFFIX
SAN BERNARDINO COUNTY	060270	8140	J
YUCCA VALLEY, TOWN OF	060750	8140	J

FEMA

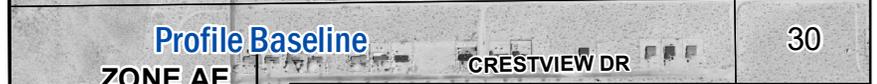
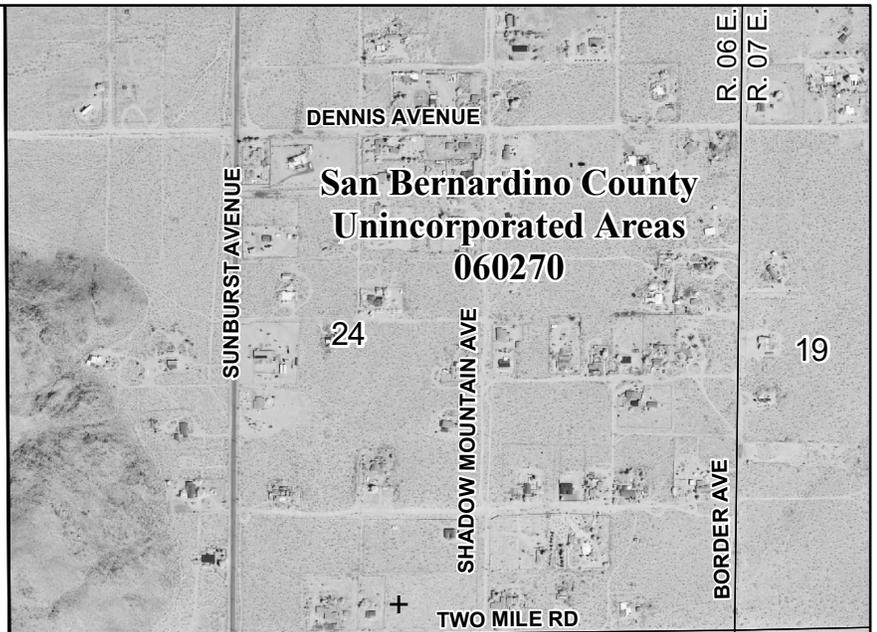
REVISED TO REFLECT LOMR
EFFECTIVE: August 17, 2023

VERSION NUMBER
2.1.3.0

MAP NUMBER
06071C8140J

MAP REVISED
SEPTEMBER 2, 2016

MAP AREA SHOWN ON THIS PANEL IS LOCATED WITHIN TOWNSHIP 1 NORTH, RANGE 6 EAST AND TOWNSHIP 1 NORTH, RANGE 7 EAST.



Yucca Creek (at Joshua Tree)

1880000 FT

HILLTOP DR

PETUNIA DR

OLEANDER DR

TERRACE DR

BEGONIA PL

ASTER PL

Joshua Tree Creek

Profile Baseline



Note: This area is shown as reduced flood hazard from the 1-percent-annual-chance or greater flood by a levee system. Overtopping or failure of any levee system is possible. For additional information see the "Accredited Levee System Note" in Notes to Users.

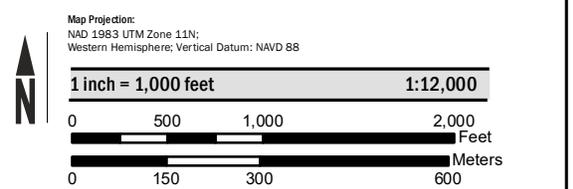
1875000 FT

DESERT AIR RD

Profile Baseline

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
OTHER AREAS OF FLOOD HAZARD		Regulatory Floodway
		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee See Notes. Zone X
OTHER AREAS		Area of Undetermined Flood Hazard Zone D

SCALE



FEMA
National Flood Insurance Program

NATIONAL FLOOD INSURANCE PROGRAM
FLOOD INSURANCE RATE MAP
SAN BERNARDINO COUNTY, CALIFORNIA
and Incorporated Areas

PANEL **8145** OF **9400**

Panel Contains:
COMMUNITY NUMBER: SAN BERNARDINO COUNTY 060270
PANEL SUFFIX: 8145 J

REVISED TO REFLECT LOMR EFFECTIVE: August 17, 2023

VERSION NUMBER: 2.1.3.0
MAP NUMBER: 06071C8145J
MAP REVISED: SEPTEMBER 2, 2016