

# LOS ANGELES COUNTY DEPARTMENT OF PUBLIC WORKS

## Water Resources Division Facilities Section 2009- 2010 STORM SEASON

Date : 12/06/09  
Time: 0600 Hr

Prepared by: PW  
Recommended by: PW  
Approved by: CS

### DEBRIS AND MUDFLOW POTENTIAL FORECAST:

Duration: 0400 Hour on 12/07/09 thru 0400 Hour on 12/08/09

Reference: National Weather Service (NWS) QPF at 3:00 AM DEC 06 2009

Fire Map Reference	Date of Fire	Affected Areas	MUDFLOW FORECAST PHASE LEVEL	Special Issues
Foothill Fire Recovery: 5 years, L4	July 2004	East of Santa Clarita on the east side of 14 Fwy	NO PHASE	SEE GENERAL NOTES BELOW
Crown Fire Recovery: 5 years, L4	July 2004	Acton Area, West of Little Rock Reservoir in Palmdale	NO PHASE	SEE GENERAL NOTES BELOW
Topanga Fire Recovery: 5 years, L4	September 2005	Agoura, Agoura Hills, Calabasas, Chatsworth, Hidden Hills, Oak Park, Santa Susana, Simi Valley, West Hills	NO PHASE	SEE GENERAL NOTES BELOW
Harvard Fire Recovery: 4 years, L4	October 2005	Burbank	NO PHASE	SEE GENERAL NOTES BELOW
Cross Fire Recovery: 3 years, L1	August 2006	Sand Canyon Area (Santa Clarita), upstream area of Placerita Canyon	NO PHASE	SEE GENERAL NOTES BELOW
Malibu Fire Recovery: 3 years, L1	January 2007	Malibu, in the Vicinity of Malibu Bluff State Park	PHASE 1	SEE NOTE 1
Island Fire Recovery: 2 years, L1	May 2007	Santa Catalina Island, Avalon and northwest of Avalon	NO PHASE	SEE GENERAL NOTES BELOW
Buckweed Fire Recovery: 2 years, L1	October 2007	Santa Clarita and Angeles National Forest, Between Dry and Mint Canyons	NO PHASE	SEE GENERAL NOTES BELOW
Canyon Fire Recovery: 2 years, L1	October 2007	Malibu, between Las Flores and Malibu Canyons	PHASE 1	SEE NOTE 2
Ranch Fire Recovery: 2 years, L1	October 2007	Val Verde (San Martinez Chiquito and San Martinez Grande Canyon Areas) and Castaic (Haskell and Violin Canyon Areas)	NO PHASE	SEE GENERAL NOTES BELOW
Corral Fire Recovery: 2 years, L1	November 2007	Malibu, between Corral and Latigo Canyons	PHASE 1	SEE NOTE 3
Santa Anita Fire Recovery: 1 year, M1	May 2008	Canyons and Ridges above East Sierra Madre	PHASE 1	SEE NOTE 4
Marek Fire Recovery: 1 year, L1	October 2008	Little Tujunga, Pacoima, Kagel, and Lopez Canyons	PHASE 1	SEE NOTE 5
Sesnon Fire Recovery: 1 year, L1	October 2008	Porter Ranch, Twin Lakes, and part of Granada Hills	PHASE 1	SEE NOTE 6
Sayre Fire Recovery: 1 year, L1	November 2008	Sylmar, Newhall, and San Fernando Reservoir Areas	PHASE 1	SEE NOTE 7
Tujunga Fire Recovery: 0 year, L1	July 2009	Little Tujunga Cyn. and Cottonwood Cyn.	PHASE 1	SEE NOTE 8
Sloan Fire Recovery: 0 year, L1	July 2009	Sloan Cyn Rd and I-5	NO PHASE	SEE GENERAL NOTES BELOW
Freeway Fire Recovery: 0 year, L1	August 2009	Glenoaks Blvd. and 134 & 2 Freeway Interchange	PHASE 1	SEE NOTE 9

Fire Map Reference	Date of Fire	Affected Areas	MUDFLOW FORECAST PHASE LEVEL	Special Issues
Palos Verdes Fire Recovery: 0 year, L1	August 2009	Portuguese Bend Area	<b>NO PHASE</b>	<b>SEE GENERAL NOTES BELOW</b>
Station Fire Recovery: 0 year, M1	August 2009	La Canada Flintridge	<b>PHASE 1</b>	<b>SEE NOTE 10</b>
Station Fire Recovery: 0 year, M1	August 2009	La Crescenta (Unincorporated)	<b>PHASE 1</b>	<b>SEE NOTE 11</b>
Station Fire Recovery: 0 year, M1	August 2009	Glendale (La Crescenta Annex)	<b>PHASE 1</b>	<b>SEE NOTE 12</b>
Station Fire Recovery: 0 year, L1	August 2009	City of Los Angeles (Sunland/Tujunga Area)	<b>PHASE 1</b>	<b>SEE NOTE 13</b>
Station Fire Recovery: 0 year, M1	August 2009	Angeles National Forest Communities	<b>PHASE 1</b>	<b>SEE NOTE 14</b>
Station Fire Recovery: 0 year, L1	August 2009	Soledad Cyn/Acton Areas	<b>NO PHASE</b>	<b>SEE GENERAL NOTES BELOW</b>
Station Fire Recovery: 0 year, L1	August 2009	Aliso Canyon	<b>NO PHASE</b>	<b>SEE GENERAL NOTES BELOW</b>

### **NOTES:**

Anticipate **1.0 to 1.5** inches of rainfall during the next 24-hour period per NWS forecast (QPF narrative) at Saugus/Acton.

Anticipate **1.0** inch of rainfall during the next 24-hour period per NWS forecast (QPF narrative) at Avalon.

Anticipate **1.5** inches of rainfall during the next 24-hour period per NWS forecast (QPF narrative) at Rancho Palos Verdes.

Anticipate **2.5** inches of rainfall during the next 24-hour period per NWS forecast (QPF narrative) in Malibu.

Anticipate **2.5 to 3.0 inches** of rainfall during the next 24-hour period per NWS forecast (QPF narrative) in Sunland/Tujunga, La Crescenta, Glendale, La Canada Flintridge and Sierra Madre.

1. Potential mudflow/sediment on road and at drain inlets along Malibu Road below the burn area.
2. Potential moderate mudflow deposition along Malibu Canyon Road and likely plugging of culverts. Potential low mudflow deposition on Ramblo Pacifico. Potential low mudflow deposition on Piuma Road in the stretches that have burned slopes above them. Potential low mudflow deposition on the road behind the Serra Retreat. Potential low to moderate mudflow deposition at the property at the northwest corner of the intersection of Stewart Ranch Road and Civic Center Way
3. It is recommended that emergency response entities monitor the following areas for potential mudflow deposition on: Pacific Coast Highway, from Corral Canyon to Sea Vista Drive; Latigo Canyon Road from Benchmark 643 to Pacific Coast Highway; streets in the Malibu Bowl area; streets and non-public roads in the El Nido area; the non-public roads in the Solstice Canyon; Vista Place between Vista Drive and Wirshing Road (Malibu Vista area); the non-public roads northeast of the Malibu Vista area; Solstice Canyon Road; Via Escondito and Seavista Drive.
4. It is recommended that emergency response entities monitor the following areas for potential mudflow deposition on: Auburn Avenue east of Auburn Debris Basin; the development under construction north of Carter Avenue; Carter Avenue between the development and Mira Monte Avenue; Mt. Wilson Trail near Mira Monte Avenue; Churchill Road near Skyland Drive; Skyland Drive; streets below Sierra Madre Debris Dam (Sumac Trail, Brookside Lane, Woodland Drive); Yucca Trail; Lotus Lane, above Camillo Street and Sturtevant Debris Basin; Sunrise Hill Lane; Santa Anita Canyon Road above Lannan Debris Basin.
5. It is recommended that emergency response entities in unincorporated areas monitor the following areas for potential mudflow deposition on: Pacoima Canyon Road, between Lopez Flood Control Basin and Pacoima Canyon Trail; Boy Scout Mountainway; canyons outletting on to commercial properties in the vicinity of Montero and Gladstone Avenues; Lopez Canyon Road between Pacoima Mountainway to Filmore Street; 12249 Lopez Canyon Road; Bailey Road; Kagel Canyon Road; Blue Sage Road and vicinity trails; Kagel Canyon watercourse/channel; Marek Mountainway; Dexter Park Road; Little Tujunga Canyon Road, between Cottonwood Glen and Middle Ranch; side canyons in vicinity of Little Tujunga Ranger Station; Karl Holton Camp; Angeles Gun Club.

6. It is recommended that emergency response entities in unincorporated areas monitor the following areas for potential mudflow/sediment deposition on streets in the Twin lakes area (Chickasaw trail, Saugus Trail, et. al) and inundation of culvert crossing bridge at Brown's Cyn Rd. in Browns Cyn.
7. It is recommended that emergency response entities monitor the following areas for potential flooding/mudflow: potential plugging of the culvert at Sesnon Blvd. below Bee Cyn., potential mudflow at the bridge crossing at the entrance to Polynesian Trailer Park located at San Fernando Road, mudflow potential along Sierra Hwy. at Fwy 14 & I-5 Intersection, mudflow potential from cyns. above Olive View Hospital, potential mudflow deposition on May Cyn Truck Trail at Parkland Cir., and potential mudflow along streets abutting hillside within Oakridge Mobile Home Park.
8. It is recommended that emergency response entities in unincorporated areas monitor Little Tujunga Wash stream crossings below the burned area for potential flooding/mudflow deposition.
9. Potential flooding/mudflow deposition along Waltonia Dr., Glen Ivy Dr., & Scholl Dr. below the burned cyns. Potential flooding/mudflow deposition along westbound 134 Freeway transtion to northbound 2 Freeway.
10. Possible minor to moderate mudflow deposition on streets below the burned hillsides: upper Rock Castle Drive; upper Escalante Drive; upper La Forest Drive; upper La Canada Blvd; Big Briar Wy.
11. Possible minor to moderate mudflow deposition on streets below the burned hillsides: in the Briggs Terrace area including upper Canyonside Rd and Maurice Av; Pineglen Rd (between Ridgepine Dr and Pinelawn Dr); and Pennsylvania Av (between Markridge Rd and Harmony Pl).
12. Possible minor to moderate mudflow deposition on streets in: upper Boston Av; Dunsmore Av (above Henrietta Av); Deukmejian Park; Pennsylvania Av (above Harmony Pl); and access road west of Pennsylvania Av.
13. Possible minor to moderate mudflow deposition on streets below the burned hillsides including: private portions of Grenoble St; Owens St; upper Alpine Wy; Big Tujunga Cyn Rd; Oro Vista Av and its crossing over Big Tujunga Wash; Ebey Cyn Rd; Big Tujunga Wash (down to Hansen Flood Control Basin).
14. For all phases, public roads in the Angeles National Forest may be subject to closure due to mudflow/debris deposition at numerous locations below the burned hillsides. Streambeds and watercourses will also be subject to mudflows and deposition.

## GENERAL NOTES

The debris and mudflow potential forecast is based upon a review of watershed conditions and weather forecasts from the National Weather Service and other weather predicting sources. It represents conditions within the watershed that could lead to debris and mudflow events. Debris and mudflows are highly unpredictable events. The following description is to assist storm response Divisions and emergency response agencies to plan accordingly:

Phase 1	Small isolated debris and mudflows possible at specific locations. Streets may be flooded or blocked by debris. Reports of debris on private property may be received. Few, if any, structures may be endangered.
Phase 2	Moderate debris and mudflows possible at more widespread locations. Some streets may be completely blocked by debris. Depending on location and terrain, some structures may be endangered by debris and mudflows.
Phase 3	The potential exists for <b>significant debris and mudflows</b> to be widespread over specific areas. Streets may be blocked and considered unsafe for travel. Many structures could be endangered by debris and mudflows. Extreme caution should be exercised below uncontrolled canyons due to sudden debris and mudflows.

For questions or further information, contact (626) 458-6164, Monday through Thursday, 6:30 A.M. to 5:15 P.M. After hours telephone (800) 675-HELP.