

# LOS ANGELES COUNTY DEPARTMENT OF PUBLIC WORKS

## Water Resources Division Facilities Section 2008- 2009 STORM SEASON

Date : 02/05/09  
Time: 0730 Hr

Prepared by: HR  
Recommended by: LPS  
Approved by: PW

### DEBRIS AND MUDFLOW POTENTIAL FORECAST:

Duration: 0400 Hour on 02/05/09 thru 0400 Hour on 02/06/09

Reference: National Weather Service (NWS) 3:00 AM FEB 05, 2009

Fire Map Reference	Date of Fire	Affected Areas	MUDFLOW FORECAST PHASE LEVEL	Special Issues
Padua Fire Recovery: 5 years, M4	Oct. 2003	Claremont	<b>NO PHASE</b>	<b>SEE GENERAL NOTES BELOW</b>
Verdale Fire Recovery: 5 years, L4	Oct. 2003	Val Verde Area	<b>NO PHASE</b>	<b>SEE GENERAL NOTES BELOW</b>
Simi Fire Recovery: 5 years, L4	Oct. 2003	Stevenson Ranch (Santa Clarita Area), Chatsworth Area	<b>NO PHASE</b>	<b>SEE GENERAL NOTES BELOW</b>
Foothill Fire Recovery: 4 years, L4	July 2004	Southeast of Santa Clarita on the east side of 14 Fwy	<b>NO PHASE</b>	<b>SEE GENERAL NOTES BELOW</b>
Crown Fire Recovery: 4 years, L4	July 2004	Acton Area, West of Little Rock Reservoir in Palmdale	<b>NO PHASE</b>	<b>SEE GENERAL NOTES BELOW</b>
Topanga Fire Recovery: 3 years, L1	Sept. 2005	Agoura, Agoura Hills, Calabasas Chatsworth, Hidden Hills, Oak Park, Santa Susana, Simi Valley, West Hills	<b>NO PHASE</b>	<b>SEE GENERAL NOTES BELOW</b>
Harvard Fire Recovery: 3 years, L1	Oct. 2005	Burbank	<b>PHASE 1</b>	<b>SEE NOTE 1</b>
Cross Fire Recovery: 2 years, L1	Aug. 2006	Sand Canyon Area (Santa Clarita), upstream area of Placerita Canyon	<b>NO PHASE</b>	<b>SEE GENERAL NOTES BELOW</b>
Malibu Fire Recovery: 2 years, L1	Jan. 2007	Malibu, in the Vicinity of Malibu Bluff State Park	<b>PHASE 1</b>	<b>SEE NOTE 2</b>
Island Fire Recovery: 1 year, L1	May 2007	Santa Catalina Island, Avalon and northwest of Avalon	<b>NO PHASE</b>	<b>SEE GENERAL NOTES BELOW</b>
Buckweed Fire Recovery: 1 year, L1	Oct. 2007	Santa Clarita and Angeles National Forest, Between Dry and Mint Canyons	<b>NO PHASE</b>	<b>SEE GENERAL NOTES BELOW</b>
Canyon Fire Recovery: 1 year, L1	Oct. 2007	Malibu, between Las Flores and Malibu Canyons	<b>PHASE 1</b>	<b>SEE NOTE 3</b>
Ranch Fire Recovery: 1 year, L1	Oct. 2007	Val Verde (San Martinez Chiquito and San Martinez Grande Canyon Areas) and Castaic (Haskell and Violin Canyon Areas)	<b>NO PHASE</b>	<b>SEE GENERAL NOTES BELOW</b>
Corral Fire Recovery: 1 year, L1	Nov. 2007	Malibu, between Corral and Latigo Canyons	<b>PHASE 1</b>	<b>SEE NOTE 4</b>
Santa Anita Fire Recovery: 0 year, M1	May 2008	Canyons and Ridges above East Sierra Madre	<b>PHASE 1</b>	<b>SEE NOTE 5</b>
Marek Fire Recovery: 0 year, L1	October 2008	Little Tujunga, Pacoima, Kagel, and Lopez Canyons, Lakeview Terrace	<b>PHASE 1</b>	<b>SEE NOTE 6</b>
Sesnon Fire Recovery: 0 year, L1	October 2008	Porter Ranch, Twin Lakes, and part of Granada Hills	<b>PHASE 1</b>	<b>SEE NOTE 7</b>

Fire Map Reference	Date of Fire	Affected Areas	MUDFLOW FORECAST PHASE LEVEL	Special Issues
Sayre Fire Recovery: 0 year, L1	November 2008	Sylmar, Newhall and San Fernando Reservoir Areas	<b>PHASE 1</b>	<b>SEE NOTE 8</b>

**NOTES:**

Anticipate **1.0** inch of rainfall during the next 24-hour period per NWS forecast at Moorpark College.  
 Anticipate **1.4** inches of rainfall during the next 24-hour period per NWS forecast at Big Dalton Dam.  
 Anticipate **1.1** inches of rainfall during the next 24-hour period per NWS forecast at Pacoima Dam.  
 Anticipate **0.7** inch of rainfall during the next 24-hour period per NWS forecast at Saugus.  
 Anticipate **1.0** inch of rainfall during the next 24-hour period per NWS forecast at Big Rock Mesa in Malibu.

1. Potential mudflow/sediment deposition along Country Club Drive below Sunset-Upper Debris Basin. Potential mudflow damage to homes in Sunset Canyon. Potential sediment flow along Wildwood Canyon Road, Harvard Road, Sunset Canyon Drive, and other locations tributary to major canyons below the burned area. Potential mudflow at De Bell golf course below the burned area.

2. Potential mudflow/sediment on road and at drain inlets along Malibu Road below the burn area.

3. 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.

4. 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.

5. 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.

6. 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.

7. 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.

8. 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 cyps. above Olive View Hospital, potential mudflow deposition on May Cyn Tktr. at Parkland Cir., and potential mudflow along streets abutting hillside within Oakridge Mobile Home Park.

## 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 **significant debris and mudflows** 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) 458-6131, Monday through Thursday, 6:30 A.M. to 5:15 P.M. After hours telephone (800) 675-HELP.