

# LOS ANGELES COUNTY DEPARTMENT OF PUBLIC WORKS

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

Date : 02/06/09  
Time: 0700 Hr

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

### **DEBRIS AND MUDFLOW POTENTIAL FORECAST:**

Duration: 0400 Hour on 02/06/09 thru 0400 Hour on 02/07/09

Reference: National Weather Service (NWS) 3:00 AM FEB 06, 2009

Fire Map Reference	Date of Fire	Affected Areas	MUDFLOW FORECAST PHASE LEVEL	Special Issues
Padua Fire Recovery: 5 years, M4	Oct. 2003	Claremont	PHASE 1	SEE NOTE 1
Verdale Fire Recovery: 5 years, L4	Oct. 2003	Val Verde Area	NO PHASE	SEE GENERAL NOTES BELOW
Simi Fire Recovery: 5 years, L4	Oct. 2003	Stevenson Ranch (Santa Clarita Area), Chatsworth Area	NO PHASE	SEE GENERAL NOTES BELOW
Foothill Fire Recovery: 4 years, L4	July 2004	Southeast of Santa Clarita on the east side of 14 Fwy	NO PHASE	SEE GENERAL NOTES BELOW
Crown Fire Recovery: 4 years, L4	July 2004	Acton Area, West of Little Rock Reservoir in Palmdale	NO PHASE	SEE GENERAL NOTES BELOW
Topanga Fire Recovery: 3 years, L1	Sept. 2005	Agoura, Agoura Hills, Calabasas Chatsworth, Hidden Hills, Oak Park, Santa Susana, Simi Valley, West Hills	PHASE 1	SEE NOTE 2
Harvard Fire Recovery: 3 years, L1	Oct. 2005	Burbank	PHASE 1	SEE NOTE 3
Cross Fire Recovery: 2 years, L1	Aug. 2006	Sand Canyon Area (Santa Clarita), upstream area of Placerita Canyon	PHASE 1	SEE NOTE 4
Malibu Fire Recovery: 2 years, L1	Jan. 2007	Malibu, in the Vicinity of Malibu Bluff State Park	PHASE 1	SEE NOTE 5
Island Fire Recovery: 1 year, L1	May 2007	Santa Catalina Island, Avalon and northwest of Avalon	PHASE 1	SEE NOTE 6
Buckweed Fire Recovery: 1 year, L1	Oct. 2007	Santa Clarita and Angeles National Forest, Between Dry and Mint Canyons	PHASE 1	SEE NOTE 7
Canyon Fire Recovery: 1 year, L1	Oct. 2007	Malibu, between Las Flores and Malibu Canyons	PHASE 1	SEE NOTE 8
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)	PHASE 1	SEE NOTE 9
Corral Fire Recovery: 1 year, L1	Nov. 2007	Malibu, between Corral and Latigo Canyons	PHASE 1	SEE NOTE 10
Santa Anita Fire Recovery: 0 year, M1	May 2008	Canyons and Ridges above East Sierra Madre	PHASE 1	SEE NOTE 11
Marek Fire Recovery: 0 year, L1	October 2008	Little Tujunga, Pacoima, Kagel, and Lopez Canyons, Lakeview Terrace	PHASE 1	SEE NOTE 12
Sesnon Fire Recovery: 0 year, L1	October 2008	Porter Ranch, Twin Lakes, and part of Granada Hills	PHASE 1	SEE NOTE 13

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 14</b>

### **NOTES:**

Anticipate **1.4** inches of rainfall during the next 24-hour period per NWS forecast at Moorpark College.  
 Anticipate **1.8** inches of rainfall during the next 24-hour period per NWS forecast at Big Dalton Dam.  
 Anticipate **1.6** inches of rainfall during the next 24-hour period per NWS forecast at Pacoima Dam.  
 Anticipate **1.4** inches of rainfall during the next 24-hour period per NWS forecast at Saugus.  
 Anticipate **1.7** inch of rainfall during the next 24-hour period per NWS forecast at Big Rock Mesa in Malibu.

1. Possible mudflow/sediment deposition in Palmer Cyn. Potential flooding/mudflow in areas including Webb School's soccer field tributary to unprotected cyns. Also, potential sediment flow along Mt. Baldy Rd. and other roads below burned cyns.
2. Potential mudflow/sediment deposition in Palo Comado Canyon, Cheseboro Canyon, Las Virgenes Canyon, Bell Canyon, Dayton Canyon, and Woolsey Canyon. Also, possible mudflow/sediment deposition along Las Virgenes Road, Alizia Canyon Road, Kittridge Street, Randiwood Lane, Lassen Street, and Valley Circle Boulevard at Woolsey Canyon Road. Potential flooding/mudflow at inlets and culverts below burned area.
3. 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.
4. Anticipate sediment flow/deposition on: access driveways in canyon bottoms to the residence at the upper end of Pacy St. and a residence on the south side of Placerita Cyn Rd. (between Oakwell Rd and Pacy St.); and driveways at the westerly ends of Pineview Rd. and Ravenglen Rd. Potential sediment deposition along section of Placerita Cyn Rd and potential mudflow at culvert locations below the burn
5. Potential mudflow/sediment on road and at drain inlets along Malibu Road below the burn area.
6. Possible flooding/mudflow northwest of Avalon Canyon Road in canyons within/below burned areas. Potential flooding/sediment flow at culvert crossings along Falls Canyon Rd, Country Club Dr, Los Lomas Ave, and Camino del Monte below burned areas. Potential flooding/mudflow impact to properties along Clemente Avenue adjacent to drainage channel and Wrigley Road and Beacon Street culvert crossings. Potential flooding/mudflow impacts at campsite areas in Gallagher & Swains Canyons. Potential mudflow/sediment deposition along Middle Canyon and Saint Catherine Roads.
7. It is recommended that emergency response entities monitor the following areas for mudflow deposition: Watercourse on north side of Reservoir Av in the Sleepy Valley area; lower reaches of Rowher Cyn; Ponte Corvo Rd; Sierra Hwy in Mint Cyn (15800 block, 15200 block, segment north of Davenport Rd); streets in the Forrest Park area (Burton Way, Sunrise Hill Dr, Gaspé St, Honiton Av, Arline St [30000 block]); Beneda Ln; Canyon Country area streets northwest of the intersection of Whites Canyon Road and Ranier Street; Plum Canyon Rd above City Limits and the development project at the upper end; Bouquet Canyon Road (Texas Cyn Sta, confluence with Texas Cyn); a reach in Texas Cyn; Vasquez Cyn Trail; Lost Ck Rd and Far Hills Road; side street off of Vasquez Cyn Rd; Upper end of Rolla Rd; Scudder Camp; outlet of road in Haskell Canyon at Angeles Forest boundary; reaches in Pettinger and Haskell Cyns in the Angeles National Forest; upper reaches of Dry Canyon Reservoir.
8. 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.

9. It is recommended that emergency response entities monitor the following areas for potential mudflow deposition: Violin Canyon above Oak Valley Road; the upper reaches of Romero Canyon Road; all streets and a trailer park in the Hasley Canyon area above Sloan Canyon Road; Hasley Canyon Road; all streets in the Val Verde community west of the intersection of San Martinez Road and Coolidge Avenue; Chiquito Canyon Road; all streets in San Martinez Grande Canyon, including San Martinez Grande Canyon Road; side canyon outlets along Highway 126 near the Ventura County Line.

10. 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.

11. 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.

12. 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.

13. 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.

14. 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 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:

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| 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.