

LOS ANGELES COUNTY DEPARTMENT OF PUBLIC WORKS

Water Resources Division Facilities Section 2008- 2009 STORM SEASON

Date : 01/21/09
Time: 1630 Hr

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

DEBRIS AND MUDFLOW POTENTIAL FORECAST:

Duration: 1600 Hour on 01/21/09 thru 1600 Hour on 01/22/09

Reference: National Weather Service (NWS) 4:00 PM JAN 21, 2009

Fire Map Reference	Date of Fire	Affected Areas	MUDFLOW FORECAST PHASE LEVEL	Special Issues
Padua Fire Recovery: 5 years, M4	Oct. 2003	Claremont	NO PHASE	SEE GENERAL NOTES BELOW
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	NO PHASE	SEE GENERAL NOTES BELOW
Harvard Fire Recovery: 3 years, L1	Oct. 2005	Burbank	NO PHASE	SEE GENERAL NOTES BELOW
Cross Fire Recovery: 2 years, L1	Aug. 2006	Sand Canyon Area (Santa Clarita), upstream area of Placerita Canyon	NO PHASE	SEE GENERAL NOTES BELOW
Malibu Fire Recovery: 2 years, L1	Jan. 2007	Malibu, in the Vicinity of Malibu Bluff State Park	PHASE 1	SEE NOTE 1
Island Fire Recovery: 1 year, L1	May 2007	Santa Catalina Island, Avalon and northwest of Avalon	NO PHASE	SEE GENERAL NOTES BELOW
Buckweed Fire Recovery: 1 year, L1	Oct. 2007	Santa Clarita and Angeles National Forest, Between Dry and Mint Canyons	NO PHASE	SEE GENERAL NOTES BELOW
Canyon Fire Recovery: 1 year, L1	Oct. 2007	Malibu, between Las Flores and Malibu Canyons	PHASE 1	SEE NOTE 2
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)	NO PHASE	SEE GENERAL NOTES BELOW
Corral Fire Recovery: 1 year, L1	Nov. 2007	Malibu, between Corral and Latigo Canyons	PHASE 1	SEE NOTE 3
Santa Anita Fire Recovery: 0 year, M1	May 2008	Canyons and Ridges above East Sierra Madre	PHASE 1	SEE NOTE 4
Marek Fire Recovery: 0 year, L1	October 2008	Little Tujunga, Pacoima, Kagel, and Lopez Canyons, Lakeview Terrace	NO PHASE	SEE GENERAL NOTES BELOW
Sesnon Fire Recovery: 0 year, L1	October 2008	Porter Ranch, Twin Lakes, and part of Granada Hills	NO PHASE	SEE GENERAL NOTES BELOW

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	NO PHASE	SEE GENERAL NOTES BELOW

NOTES:

Anticipate **1.0** inch of rainfall during the next 24-hour period per NWS forecast at Moorpark College.
 Anticipate **1.1** inches of rainfall during the next 24-hour period per NWS forecast at Big Dalton Dam.
 Anticipate **0.8** inch of rainfall during the next 24-hour period per NWS forecast at Pacoima Dam.
 Anticipate **0.8** inch of rainfall during the next 24-hour period per NWS forecast at Saugus.
 Anticipate **1.1** inches of rainfall during the next 24-hour period per NWS forecast at Big Rock Mesa in Malibu.

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.

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.