



COUNTY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS

"To Enrich Lives Through Effective and Caring Service"

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January 11, 2005

IN REPLY PLEASE
REFER TO FILE: PD-2

TO: Each Supervisor

FROM: Donald L. Wolfe
Interim Director of Public Works

STORM REPORT-JANUARY 11, 2005

The storm that began on Friday morning at 3 a.m. has produced heavy rainfall throughout the Los Angeles Basin, San Gabriel Mountains, the Santa Clarita area, the San Fernando Valley, and the Antelope Valley causing severe flooding and extensive damage to County facilities at various locations. Attached is a copy of the Public Works Situation Status report.

As of 8 a.m. today, the storm has produced total precipitation amounts of 4.84 inches in Downtown Los Angeles, 17.44 inches in the San Gabriel Mountains, 8.06 inches in the San Gabriel Valley, 10.08 inches in the Santa Clarita area, 7.33 inches in the San Fernando Valley, 8.16 inches in Malibu, and 3.84 inches in the Antelope Valley area. The season total rainfall in the Civic Center is 383 percent of normal to date. We received approximately 130 percent of the normal average rainfall for the entire year already.

The local news has reported that a swift water rescue occurred within the San Dimas Wash where the Fire Department rescued a mother and her infant child.

There are 115 reported County road closures, which are identified on the attached copy of the Road Closure Report. The Angeles Forest Highway is still currently closed.

Malibu and Topanga Canyon continue to experience related rockslides and Public Works will continue to monitor the situation. Operations at the Topanga Beach Pump Station have been restored but rockslides still threaten the facility. The Malibu Mesa Wastewater Treatment Plant has started discharging treated effluent into Marine Canyon pursuant to an existing Regional Water Quality Control Board emergency discharge permit.

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To date, Public Works has expended approximately \$1.8 million in resources to respond to this storm. The cost of storm-related damages to County infrastructure is currently estimated to be approximately \$30 million. Public Works will be continuing with their investigations to update the damage assessments as the storm leaves the area. In addition, Public Works will be conducting a helicopter tour of the Malibu and Antelope Valley areas this morning.

We will update you again as new information becomes available.

SDS:ll
C050894
P:\pdpub\General\SITSTAT\Storm Report Memo 01_11_05.doc

Attach.

cc: Chief Administrative Office
Executive Office

DEPARTMENT OF PUBLIC WORKS SITUATION STATUS

EVENT: Rainstorm of January 7, 2005

STATUS AS OF 8:00 AM, January 11, 2005

The Department Operations Center was activated to LEVEL 1 activation at 3:00 PM, January 7, 2005. SITSTAT was requested to activate at 4:00 PM, January 9, 2005.

EVENT SUMMARY

Location	Amount (inches)*	Amount (inches)**
Alhambra (Fremont) HQ	9.52	28.08
L.A. River @ Wardlow – Long Beach	4.16	14.24
L.A. Civic Center	4.84	20.36
Big Rock Mesa	8.16	23.86
Mint Canyon @ Fitch	5.16	16.20
Puddingstone Diversion Dam	9.80	26.44
L.A. 96th & Central	3.80	18.40

* Report period from 3:00 AM (01/07/05) to 6:30 AM (01/11/05)

** Total storm season year-to-date rainfall.

Total seasonal rainfall to date @ L.A. Civic Center is 20.20 inches. Normal seasonal precipitation to date is 5.31 inches.

ALL UPDATES/NEW ISSUES SINCE THE LAST REPORT ARE NOTED IN BOLD

PRELIMINARY DAMAGE ESTIMATES

- Public Works Resources \$ 2.5 Million
- Public Works Infrastructure and Private Property \$26.4 Million

Total Reported to Date: \$28.9 Million

COUNTY RESERVOIRS

Current flow conditions:

	<u>OUTFLOW</u>	<u>AT SPILLWAY</u>
• Big Dalton	610 cfs	NO
• Big Tujunga	4,400 cfs	YES
• Cogswell	4,100 cfs	YES
• Devil's Gate	2,100 cfs	YES
• Eaton Wash	1,000 cfs	YES
• Live Oak	200 cfs	NO

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	<u>OUTFLOW</u>	<u>AT SPILLWAY</u>
• Morris	18,300 cfs	YES
• Pacoima	1,900 cfs	YES
• Puddingstone	600 cfs	NO
• Puddingstone Diversion	1,550 cfs	YES
• San Dimas	1,200 cfs	YES
• San Gabriel	24,000 cfs	YES
• Santa Anita	1,250 cfs	YES
• Thompson Creek	250 cfs	NO

BRIDGES

Road closures due to bridge structural damage:

East Fork Road - Glendora Mtn Rd to San Gabriel Cyn Rd by LACOFD (citing structural damage to bridge near Camp Williams)

Avenue K – 50th St E/70th St E (Bridge @ Little Rock Wash) Storm flows have undermined the pavement and guardrail on both approaches.

Calgrove Bridge over Wiley Canyon Creek – 50ft of channel wall has failed.

ROADS AND HIGHWAYS

Storm Cost Estimates:

- Public Works Resources: **\$ 1,735,000**
- Infrastructure: **\$16,000,000**

Road Closures:

State Routes

- Interstate 5 – Southbound to southbound 110 connector: Only No.2 lane is closed.
- Interstate 10 – Closed at the following locations:
 - Eastbound connector to southbound Interstate 710 due to mudslide.
 - Eastbound from Robertson to La Cienega: No.1 lane closed until 1/11/05.
- State Route 27 – Route 101 to Robinson Road.
- State Route 71 – Northbound at Route 10 is closed.
- Interstate 110 – Southbound connector to northbound US Hwy 101 (Hollywood Fwy) closed due to flooding.
- State Route 126 (Henry Mayo Drive) – San Martinez Grande Canyon Road to Wolcott Way.
- State Route 138 – Eastbound and westbound 12 miles east of Route 5.
- Interstate 710 – Northbound to eastbound and westbound Interstate 10 connectors.
- Piuma Road – Closed at Malibu Cyn. Road.

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Road Closures Due to Structural Damage (14):

Inverness Dr – Saint Katherine / Normandy (City of La Canada Flintridge)

Big Rock Creek Rd – 3379 S MM5.29/Valyermo: Significant structure damage. 200 tons of riprap/quarry stone ordered to section off damaged area.

Tapia Cyn Rd – Charley Cyn/Castaic Rd: Two 72" pipes have been washed one quarter-mile downstream but five 60" pipes are still intact

Vasquez Cyn Rd – Bouquet Cyn Rd/ Sierra Hwy

Palos Verdes Dr E @ Bridlewood Circle (drain collapse) (reopened)

Arrastre Cyn Rd - Crown Valley Rd/ Detention Center

Latigo & CM 2.08 – Kanan Dume Rd /Newton Cyn (7:30PM 1/9/05): Due to culvert failure and shoulder wash out. Site needs extensive work requiring 1-2 more days before re-opening.

Glendora Mountain Rd-East Fork/Glendora City Limit (9:45 1/8/05): Significant road damage, road washout, lost about 40LF of wall and numerous drains plugged by slides. RD518 is responding.

Vincent View Rd – Angeles Forest Hwy / Cason Mesa Rd: Road washed out at Carson Mesa

Elizabeth Lake Rd – Johnson Hill Rd/ Firtree (shoulder washout)

Santa Anita Canyon Rd - 7775 N Arno Dr / 14465 N Arno Dr: Heavy slides. Unconfirmed report of rock wall failure.

San Francisquito Cyn Rd -Report of roadway loss, Superintendent investigating

Bouquet Canyon Rd - Plum Canyon Rd / Vasquez Canyon Rd: Closed due to road failure.

Avenue N - 50th St East / 70th St East (50' section – washed out)

Road Closures Due to Mud Slides (23):

Highland Dr – Berkshire Ave / Linda Vista Ave (City of LCF)

Topanga Skyline Dr – Old Topanga Cyn / CM 1.69

Sharon Rd – Rambla Pacifico / Saddlepeak

Sharon Rd – Piuma / Saddle Creek Rd

Cold Cyn Rd – Woodbluff Rd / Mulholland Hwy

Chiquito Cyn Rd – Hwy 126/San Martinez (open for emergency vehicles only)

Highridge Rd – Cloud Rest / Ramsdell

Big Dalton Cyn Rd – east of Glendora Mountain Rd. Closed by the City of Glendora.

Big Tujunga Cyn Rd – 5280 W MM1.0/Doske Rd Slide Removal. Re-opening depends on when City of Sunland is able to re-open their section. Estimated earliest date of 1/14/05.

Chaney Tr – 450 N Loma Alta Dr/3200 N Loma Alta Dr

Grandview Dr – Observation Dr/Topanga Cyn BI (1:30PM 1/8/05)

San Francisquito Cyn Rd - Spunky Cyn Rd / Elizabeth Lk Rd (roadway protection and slide removal ongoing)

San Dimas Cyn Rd - 1640 N Golden Hills Rd / 1478 N MM 00.28

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Little Tujunga Cyn Rd - Gold Creek Rd / Placerita Cyn Rd

110th St East - Avenue L / Avenue K

Avenue H - 110th Street East / 120th Street East

Malibu Cyn - Civic Center Wy/Pioma RD (7:30PM 1/9/05): Due to mud and rock slides.

Crews clearing debris but heavy rains create additional slides.

Sand Canyon Rd - S/O Placerita Cyn Rd

Lake Hughes Road - Ridge Route Road / Elizabeth Lake Road

Upper Big Tujunga Canyon Rd - Angeles Forest Hwy / Angeles Crest Hwy (Hwy 2)

Big Tujunga Cyn Rd - Doske Rd / Angeles Forest Hwy

Stunt Rd - Mulholland Hwy to Saddle Peak Rd, T.G. 589. Large mud & rock slide covered

both lanes. Road closed at 12:42 P.M., 1-9-05. Re-opening depends on rainfall today and tomorrow. May take 2-3 days to re-open.

Goldcreek Rd - Halfway Foundation / Little Tujunga Cyn Rd

Road Closures Due to Flooding (61):

Pearblossom Hwy (Hwy 138) – Longview Rd / 165th St E (Closed by Caltrans)

120th St E – Avenue I / Avenue H

Arline St – Gazeley St / Sierra Hwy

Avenue G – 30th St E / 60th St E

60th St East – Avenue I/Avenue E

Avenue E – 30th St E/70th St E

Avenue E – Sierra Hwy / Division St

150th St E – Avenue M 08 – Avenue M

Avenue G – 40th St E/ 50th St E

Carson Mesa Rd – El Sastre Rd/ Vincent View Rd

Avenue H – 40th St/60th St

Lang Station Rd – Soledad Cyn Rd – End

Spunky Cyn Rd – San Francisquito Cyn Rd/ Bouquet Cyn Rd

Fort Tejon Rd – 240th St / Hwy 138

Palos Verdes Dr E S/O PCH Hwy /Bridlewood Circle

Avenue O – 110th St E/145 St E

Avenue G – 30th ST E/ 60th St E (formerly 50th St E / 60th St E)

San Francisquito Cyn Rd – Copper Hill Dr/Spunky Canyon Rd

Avenue F – 50th St E/ 60th St E

Palmdale BI- Longview Rd/165th St. E

Avenue T – 165th St E/Longview RD

Avenue L4- 45th St W/La Gabriela Dr

45th St West – Avenue L4 / Avenue L2

Sierra Hwy – Center St/Davenport Rd

The Old Rd – Hillcrest Parkway /Parker Rd

The Old Rd – Calgrove Blvd/Weldon Canyon

50th St E – Avenue H/Avenue E

60th St E – Avenue H/Avenue F

Avenue L 08 - 43rd St West / 42nd St West

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Avenue M - 50th St West / 35th St West

Avenue N - 55th Street West / 50th Street West

Avenue J - 90th Street East / 140th Street East

Avenue K - 90th Street East / 140th Street East

Quartz Hill Road - 35th St West / 50th Street West

Piuma Rd - Cold Canyon To Las Virgenes Rd: Mud slides through out roadway and large boulder

Avenue H - 50th Street East / 60th Street East

Avenue I - 50th Street East / 60th Street East

Bouquet Canyon Rd - Spunky Cyn Rd / Elizabeth Lake Rd

Three Points Rd - Pine Canyon Rd / Lancaster Rd: Pavement washed away at different locations.

Avenue I - 90th Street East / 110th Street East

Lopez Canyon Rd - Bailey To Kagel Cyn Rd

70th St East - Palmdale Bl / Avenue N

140th Street East - Palmdale Blvd / Avenue Q

Avenue Q - 130th Street East / 145th Street East

Palmdale Bl - 70th Street East / 90th Street East

Bouquet Canyon Rd - Vasquez Canyon Rd / Spunky Canyon Rd

Mt Emma Rd - Cheseboro Rd / Fort Tejon Rd

Country Wy - Crown Valley Rd / Calmgarden Rd

Avenue K - 45th Street West / 40th Street West

Avenue N - 1320 W 50th St West / 50th St West

Avenue K - 60th Street West / 50th Street West

Avenue S - Longview Rd / 165th Street East

Avenue K Bridge over Little Rock Creek (City of Lancaster) – east bound lane undermined.

Vasquez Canyon Bridge closed due to heavy flooding.

Avenue F - 20th Street West / Sierra Hwy

Aliso Canyon Rd - Avenue Y-8 / Carson Mesa Rd

Mulholland Dr, e/o Topanga Canyon Bl (City of Los Angeles)

Sierra Hwy - Vasquez Canyon Rd / Agua Dulce Canyon Rd

North Tr - Kagel Canyon Rd / Spring Tr

Sierra Hwy – Agua Dulce Cyn Rd/Red Rover Mine Rd (Av 14 Fwy Ramp)

Agua Dulce Canyon Road – Av (14) FWY / Sierra Highway

Road Closures Due to Snow and Ice (4):

Big Pine Hwy – Largo Vista Rd/Hwy 2

Table Mountain Rd - Angeles Crest Hwy / 6700 N Angeles Crest Hwy

Glendora Ridge Road - From Glendora Mtn Rd To Mt Baldy Rd

Mt Wilson-Red Box Rd - Video Rd/Angeles Crest Hwy

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Road Closures Due to Rock or Tree Obstruction (9):

Las Flores Cyn Rd – Rambla Pacifico / Hume Rd (3:50 AM 1/10/05): Large tree (40' 24") fell across the roadway between Live Oak Meadow and Manzanita Park Av. Mud and debris blocking the roadway. This will take some time to clear, this is a residential road.

Stratford Rd – Chevy Chase Dr/Hampstead

Hacienda Bl – Glenmark /La Habra Hts

Piuma Rd - Schueren Rd / Cold Canyon: Due To Rock Slides/Boulder

Piuma Rd - Cold Cyn / Malibu Cyn (Tree Down)

110th St East - Avenue K / Avenue H

Angeles Forest Hwy - Aliso Canyon Rd / Angeles Crest Hwy: Due to heavy rock slides

Mulholland Hwy - PCH / Little Sycamore Rd: Rock Slide Covering 2 Lanes. Road closure Needed at Little Sycamore and Pacific Coast Highway Rock Slide @ CM 3.39

Ridge Route Rd - 4 Mi N/O Lake Hughes Rd / Templin Hy: Rock Slides, Mudslides, Debris in the Roadway

Road Closures-Other (1):

45th Street West - Avenue M-8 / Quartz Hill Rd (Road Improvements Since 12/2/04)

Chain Controls (2):

Table Mountain Rd -Chain Controls 7000+

Chain Controls 4500+ RD 557 (Palmdale Area)

General Activities:

Many roads are impassable and crews cannot get to the damaged areas. Road Maintenance crews are working throughout the night to maintain the roads that remain open as well as open any areas where residents may be stranded. Additional equipment has been rented to assist our crews with this emergency. Road Maintenance will assess the situation within the next few weeks to determine our future needs.

Road Maintenance efforts are focused on major, primary routes.

Additional Activities:

(2:23 AM) Las Flores Canyon Rd between Rambla Pacifico and Manzanita Park Av - A large tree and rocks came down on. The road is blocked by large tree down and rocks, Road Crews are currently setting up the road closure. Re-Opened 01/11/05, pending investigation of overflowing drain on Hume Road (see below).

(2:17AM) 50th Street East - Ave I / Ave E closed.

Mount Disappointment closed due to large slide.

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Loma Alta - Large slides originating from private hillsides washed debris on Loma Alta at Stone Hill and Zane Grey intersections. Two loaders were rented to assist crews.

Latigo Canyon Road - at CM 2.08 road is partially washed out and almost impassible, crews working to salvage the road.

Topanga Skyline - Hillside is sliding. County Fire Department is evacuated residents at 1845 Topanga Skyline.

Santa Anita Canyon Rd - Land slide blocking the whole road in City of Sierra Madre city/county sides. Crews working to provide a single lane for access to this area.

Eastern Ave - Crews continue to observe the slide at 912 Eastern Ave.

Ave K Bridge over Little Rock Creek in City of Lancaster. Roadway approaches have been damaged and the road is closed.

Lake Los Angeles - only way out is through Avenue H to 90th St E.

Val Verde - area is landlocked because both Del Valle Rd and Chiquito Cyn Rd are closed. Crews investigating Chiquito Cyn Rd to see if it can be reopened to emergency traffic.

East Fork Rd Bridge @ MM4.75 - investigation taking place.

215th St - received complaint from City of Lakewood regarding underground garage flooding. Crew is en route to investigate.

Templin Hwy - DWP request for assistance at DWP Castaic Power Plant. DWP considers this an emergency due to flooding. Crews are currently responding to the situation.

Webb Cyn Rd - n/o Baseline RD in unincorporated La Verne has a mud slide. Road is still open. Crew is on their way to clean up the slide.

Cold Canyon Rd S/o Mulholland Hwy -New slide developing.

Acton area - County forces are filling wash outs and removing debris.

Ramona Ave - Crews placing additional plastic sheeting on slope to prevent further erosion (slope was previously damaged during 12-30-04 storm event).

Troutdale Drive - Down tree on a power line between Kanan Road and Mulholland Highway. Crews are on the scene and waiting to determine if wires are live, before removing.

Hume Road - Overflowing drain reported by a resident W/O Las Flores Canyon Road. Crews are on the way to investigate the area and place barricades as needed.

Big Rock Creek & Littlerock Wash - Heavy flows over roadways, as deep as 1' in some locations.

Avenue J @ 110th St East - Resident stuck in mud after driving past road closure signs. Police called to get him pulled out and issue a citation.

Notable mud, slide, and debris removal operations on Lake Hughes Rd, Chiquito Cyn Rd, San Francisquito Cyn Rd, Munz Ranch Rd, Elizabeth Lake Rd, Big Tujunga Cyn Rd, Big Pines Hy at Chalk Hill, Largo Vista Rd, and Palmdale BI at MM 20.8.

Time spent extricating citizens that go around road closures from the mud and washes.

Facility Damage:

RD241- Roof is leaking in the crew room and bathroom.

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RD142 – phones and computer services have been restored.

MD4 Hollydale- Roof is leaking in the office, the bridge office, and the body shop. The conference room and north garage have water seeping in from under the doors.

FLOOD CONTROL SYSTEM

Storm Cost Estimates:

- Public Works Resources: \$ 850,000
- Infrastructure: \$ 10,000,000

All yards will be staffed during the next 24 hours. Crews at all the Flood Maintenance Yards have been running storm routines and reported the following:

Imperial Yard (South)

Earl Street at 25th Street in Long Beach buckled, causing an existing storm drain to rise. Crew investigated and found a Pressure Manhole lid risen and separated. We maintain Project 5109 at this location. Need further investigation of the drain and possible repair of the street. The street is currently barricaded.

All Pump Plants are in operation and being patrolled.

Potential settlement at Crenshaw and 235th Street over a drain in Torrance. Location was investigated and determined not at risk , we continue to monitor this location.

We received a complaint from Connie Sziebl, SD 4, about mud washing through a Mobile Home park from the back slope of Dominguez Gap Spreading Grounds. We recently made a repair to this area that should reconcile the problem at least temporarily. We spoke with the complainant and told her we would monitor. We also responded to the Board Office.

83rd Street Yard (South)

Ballona Creek Trash Collection Net is down until further notice.

Trancas Canyon Debris Structure – Overflow Pipes damaged, will reassess the extent of the damage when flow becomes manageable. The Structure itself is still intact.

West Channel Road at PCH needs further investigation of the erosion at abutment. Unable to investigate due to heavy flows.

Walteria Lake has 1 pump running to dewater as weather permits. Being monitored.

Received call from 603 Hightree Road, Rustic Canyon Channel that bank is eroding. 83rd Crew will investigate as soon as flows are reduced.

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Flood Maintenance crews received a complaint and repaired a small sinkhole at the intersection of 235th and Crenshaw in the City of Torrance with cold patch asphalt. Crews continue to monitor the location for any further damage.

Longden Yard (East)

San Gabriel River dirt invert access ramps - ramps have eroded due to large flows down San Gabriel River and will need to be replaced. Currently, the flow is too heavy to investigate.

San Gabriel Dam bypass road is likely to have been destroyed due to significant flows over San Gabriel Dam spillway. No immediate impact but loss of access road will prevent maintenance activities.

West Fork Road - There is a slide at the 1 mile mark from the pipe gate. Will investigate as soon as flows are reduced.

Santa Anita Dam – about 1000 ft of the access road (from double drive gate to the first dip crossing) is gone. The dam operators will be unable to leave this facility without some type of assistance (search and rescue, helicopter) – we can't get up there to evaluate at present since Chantry Flats is closed due to a large landslide.

San Gabriel Dam – The right abutment at the wood bridge is eroding. If bridge is lost, no vehicular access will be available to dam or residences. Still monitoring.

We are investigated right bank levy of the San Gabriel River near the new developments just below El Encanto. Reports of possible erosion of channel armoring. Azusa PD will need to be contacted if reports are verified. Still monitoring.

The Buddhist Temple, Rainbow Ranch and the new housing tract in San Gabriel Canyon are beginning to flood. An eddy eroding the bank armoring adjacent to the homes has been investigated with no visible problem at night. Crews will investigate further at daybreak (1-11-2005). No damage or impact at this time.

Sergeant Lomonico of San Dimas Sheriff station paged Morris Dam operator and indicated they were told Morris Dam was going to overtop tonight. Dam Operator called and explained that it would not.

Crews were called out on a Complaint from 303 Clearhaven, Azusa Road which reported mud and debris blocking our inlet. Crews from Eaton Yard cleared road of mud and debris

Morris Dam - Gunitite on left abutment of spillway slid into the spillway removing the hand rail on the spillway and covering spillway stairway.

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Eaton Yard (East)

Rubio DB was flowing at spillway level for a short time but has receded. We estimate that it is over 25% full.

Potential blockage at PD 54 due to landslide from a house up above (some building materials slid down blocking the stream flow into the inlet). Still investigating.

Sierra Madre Dam - Erosion on the main access road to the dam. Erosion and landslide going to the back of the reservoir. Debris around trash rack. Will investigate as soon as flows are reduced.

San Dimas Yard (East)

In the area of San Dimas Spreading Grounds, the downstream culvert under San Dimas Canyon Road is plugged but will be cleared in the morning. We have people on site watching and waiting to react to any situation. Temporary repair of the right bank downstream of the spillway is scheduled for tomorrow barring more rain. Road repairs at Romola and San Dimas Canyon Rd will have to wait until the storm ends.

The MWD water main is exposed by the washout. The Power Pole on Romola Avenue is threatened. Edison Company was notified. Water Resources Division has directed 50% of the flow out of Puddingstone Diversion and into Puddingstone reservoir in order to reduce erosion to San Dimas Canyon Road. FMD is assisting the City to repair the erosion. Sheriffs have notified homeowners of possible evacuation. The damage to Romola Avenue and San Dimas Canyon Road is as follows:

Romola Avenue – the 36" CSP was unable to pass the 1400 cfs released through the spreading grounds and the road was undermined. Big trees are lying in the middle of the road, the road is impassable. Overhead Edison lines may possibly fall onto the road as well. The power equipment operator tried to remove the trees from the road, he felt the ground unstable underneath him so he backed off. Still waiting for a more stable condition to do the work.

Little Dalton Debris Basin - the top openings in the tower were boarded closed. The runoff from small canyon on right bank of dam has eroded both the upstream and downstream groin. Still Monitoring.

Big Dalton Dam's 458-4167 phone line is out. Crews are continuing to work on cleaning the small landslide on the road in front of the control house.

Palmer Diversion is in need of a clean-out. Will clean out as soon as the rains subside.

San Dimas Canyon Spreading Grounds - Crews are continuing to work at stopping erosion of the levees at the grounds.

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Hansen Yard (West)

The office is staffed to receive complaints and/or requests for assistance. We will be running storm operations **all day** to clear plugged catch basins, drains and inlets.

The temporary repairs for downed concrete channel wall within Lindero Canyon Channel in West Lake Village have been completed. Flood Maintenance crew placed barricades to alert public to potential danger. There is a huge tree sliding into the channel and can potentially plug the inlet to the u/g system. Equipment and crews are mobilized. Removal of the tree is still in progress. Will continue in the morning.

Pickens Yard (West)

Retaining wall belonging to the Sheriff's Department along the property line with Pickens Yard completely collapsed under saturated conditions. Additional walls are likely to fail. The failure affected slopes within Pickens Yard's property. We are keeping close watch. AED is working with the Sheriff's Dept. to investigate. Crews will initiate repair as soon as weather permits. Crews are closely monitoring the situation for any further erosion.

A slope overlooking Blanchard DB has suffered major erosion. A single family residence was evacuated by L.A city officials. This erosion is on private property, however, it could impact the debris basin if it continues to slide. Flood Maintenance crews are monitoring the situation.

In Cooks Canyon, mud and debris flow overtopped the Crib Dams and deposited u/s of Cooks DB. We have covered the mud deposit with Visqueen fabric. The facility has been added to our patrol. A portion of slope behind 5125 Boston Avenue has fallen. This is between Cooks Crib M1 and M2. We covered slope with plastic to prevent further erosion. Still patrolling this area for possible further slides.

Santa Clara Yard (West)

Significant slides and erosion have filled many DB's and DRI's in the Castaic and Newhall area to full capacity. The office is staffed to receive complaints and requests for assistance. We will be operating **all day** to unplug draining towers and trash racks to keep the water flowing.

Unlined westerly bank of Newhall Creek suffered significant erosion damage.

Received numerous calls from residents from the Castaic area concerned with mud inflow into Mustang DRI (PD2049), Greenwood DRI (PD2048), PD 2431 Line A-3 DRI, and Villa Canyon DRI (PD 2157). FMD crews are patrolling these potential trouble spots. Equipment has been moved into a staging area in the vicinity in case mud overflow

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emergency develops. These DRI's shall be cleaned out as soon as there is a break in the weather and when the water subsides.

Non-transferred DSOD Pico Canyon Debris Basin at Stevenson Ranch, is at least 75% full since last Thursday, 1-6-05. Water is flowing over spillway at this moment.

Mint Canyon Channel in Santa Clarita is sustaining significant debris deposition.

PD 2048 was plugged earlier at 28791 Meadow Grass Dr and Heather Ln, Castaic. TG4369-E7. Crew unplugged the drain. We have received multiple calls that the DRI is full. Equipment and crew are on the way to unplug tower. Clean out of sediment and debris will be implemented during dry weather.

PD2279, Cascade DRI (TG4459-G2). 3 inlets are plugged. A boat and 2 vehicles that were parked illegally (encroaching) on our R/W sustained mud/water damage. FMD is working at the site to unplug the drain inlets

PD2279, Knoll DB. Draining Tower is plugged. Equipment and crew are on the way to unplug tower. Clean out of sediment and debris will be implemented during dry weather.

PD2431, DRI on Cherry Drive. We received numerous RFA's for mud flow into the basin. There has been no mud overflow damage as of the moment. Crews continue to dewater and clear the below listed facilities.

PD1993, Kathleen DRI. Inlet is plugged. Equipment and crew are on the way to unplug tower. Clean out of sediment and debris will be implemented during dry weather.

The Dry Canyon Reservoir belonging to the Los Angeles City Water and Power, will possibly go over spillway and impacting our facility d/s. We will add the Dry Canyon Channel to our storm patrols to monitor for potential erosion damage. DWP is aware of the situation.

There has been a report that a 50' channel wall failed South of Wiley Canyon Road and Calgrove on the Old Road in Santa Clarita TG 4550. This section of the channel is under the State jurisdiction.

Facility Damage:

Report of fuel pumps down DPW Longden Yard (Irwindale). Flood staff looking for alternate fueling location. Fleet recommended fueling at Baldwin Park facility.

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WATERWORKS

Storm Cost Estimates:

- Public Works Resources: \$ 125,000
- Infrastructure: \$ 175,000

Topanga Beach Pump Station – The contractor, John Malloy, has installed 50 feet of K-rail to protect the pump station from any further slides. The pumps are not in use at this time. A meeting has been scheduled with GMED for 9:30 am tomorrow morning to assess the rock slide and determine how to proceed with cleaning it up.

Rambla Vista area break due to mudslide - A landslide caused a retaining wall to fall. Three customers are still without water, 21470, 21458, and 21466 Rambla Vista. The area is coned off until daylight to determine if there is more sliding. **The County will arrange to meet with the City of Malibu this morning.**

Cheney Drive area off Topanga Canyon Blvd mudslide - The crew is still working on digging out the landslide to restore service. They will shut off the corp stop to **each service** at the water main. Water service is still out for roughly 30 residents. **The crew is plating the street to allow residents to drive to work.**

The bridge that was recently constructed over Malibu Creek between Civic Center Way and Sierra, with our water main on it, is still under water. Our water main on the bridge is still intact.

Our field crews have been limited in checking our other facilities because of extensive road closures.

SEWER MAINTENANCE

Storm Cost Estimates:

Public Works Resources: \$ 50,000

Grayland Pump Station - The discharge manhole for the Grayland Avenue Pump Station near 183rd Street and Grayland Avenue in the City of Artesia is overflowing every time the pump station operates. Inflow and infiltration has compromised the capacity of the collection system causing these overflows. Sewer Maintenance crews set up a by-pass to divert flows to another branch of the collection system to alleviate the capacity issue. The bypass is still operating.

Malibu Mesa Wastewater Treatment Plant - On or about 12:00 noon today we started discharging the treated effluent from the Malibu Mesa Wastewater Treatment Plant into Marie Canyon under the provisions of our emergency discharge permit from the Regional Water Quality Control Board (RWQCB). We have notified the RWQCB of this discharge.

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Unincorporated City of Industry Area: Sanitary Sewer Collection System – We set up a bypass for this overflow location. The bypass is still operating. Crews are diverting water from a manhole at the intersection of Sandlewood Av and Villa Park to a trunk line in Hurley Street (TG 678).

Electro-mechanic crews responded to 38 lift station service requests from Friday, January 7, until the start of work on Monday, January 10, 2005. The series of storms dropped very heavy rains which caused a significant amount of rainwater infiltration into the sewer system. Many of the stations were at times unable to handle the increased flows and the levels in the wells rose to abnormally high level. The problem was aggravated by sporadic power failures. Three of the affected stations had overflows.

- Longview PS - approximately 1500 gal
- Maybrook - approximately 800 gal
- David's Rd PS - approximately 200 gal.

CONSTRUCTION

No incidents occurred on any projects.

Storm Cost Estimates:

- Public Works Resources: \$ 30,000

PRIVATE STRUCTURES

Infrastructure damage (private) is approximately \$1 million.

Saugus area reports 3 slope failures on resident property causing retaining wall damage.

Val Verde reports a residence damaged by mudflow, but the area is inaccessible, the area has restriction to entry at this time.

City of Carson area reports damage to a residence.

La Canada / Flintridge area reports damage to a residence that is unsafe to occupy and some slope failures to driveways restricting access.

South Whittier area reports an 8'x25' deep sink hole in front yard of a residence, it appears to be an abandoned oil well.

San Gabriel area reports slope failures that have potential for future structure damage, but not at this time.

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La Canada / Flintridge area reports slope failures and mud slides causing unsafe condition for residence to occupation.

OTHER PUBLIC WORKS STORM COSTS

Division:

- Watershed Mgt
- Water Resources
- Survey
- Programs Development (SITSTAT)

Resources

\$ 97,000
\$ 94,000
\$ 40,000
\$ 18,000

Reviewed by:



FILENAME:p:\pdpub\General\SITSTAT\storm report 01-11-05 0800.doc

LOS ANGELES COUNTY DEPARTMENT OF PUBLIC WORKS
ROAD CLOSURE REPORT FOR STORM BEGINNING: 01/11/2005

List of All Closed or Reopened Streets and Highways from 01/11/2005 to 01/11/2005

LOCATION	RD	HWY	IG	Reported by	Date/Time	ROAD CLOSURE	Reported by	Date/Time	ROAD OPENING
RC - SIERRA HY - AGUA DULCE CYN RD / RED ROVER MINE ROAD (AV 14 FWY RAMP) Notes: CLOSURE DUE TO FLOODING AND SLIDES Comments:	553	MAJ	4373F2	BAILEY, WENDY S	01/11/2005 6:00:00AM	-----CLOSED-----			ALERT 2093479
RC - AGUA DULCE CANYON ROAD - AV (14) FWY / SIERRA HIGHWAY Notes: ROAD CLOSED DUE TO FLOODING AND SLIDES Comments:	553	SEC	4463E3	MOORE JR, EARN	01/11/2005 5:30:00AM	-----CLOSED-----			2093478
RC EAST FORK ROAD - GLENDORA MTN RD TO SAN GABRIEL CYN RD BY LACOFD Notes: CLOSED BY LACOFD DUE TO STRUCTURAL DAMAGE TO CAMP WILLIAMS BRIDGE: RO Comments:	518	LIM	0509F5	HUSBANDS, VANC	01/10/2005 9:10:00PM	-----REMAINS CLOSED----			2093090
RC - 120TH ST EAST - AVENUE I / AVENUE H Notes: ROAD CLOSED DUE TO FLOODING Comments:	555	LOC	4018F4	COX, WHITNEY W	01/10/2005 7:52:00PM	-----REMAINS CLOSED----			STRMDAMG 2093065
RC - ARLINE ST - GAZELEY ST / SIERRA HY Notes: CLOSURE DUE TO FLOODING Comments:	553	LOC	4482B5	BAILEY, WENDY S	01/10/2005 6:30:00PM	-----REMAINS CLOSED----			2093050
RC HIGHLAND DRIVE BERKSHIRE TO LINDA VISTA Notes: SLIDE MATERIAL OF INVERNESS DR DEPOSITED ON ROADWAY Comments:	LC	MAJ	0535E6	SALAZAR, JOE	01/10/2005 5:00:00PM	-----REMAINS CLOSED----			2093098
RC INVERNESS DRIVE - SAINT KATHERINE TO NORMANDY Notes: EXTENTS CORRECTED, ROAD CLOSED - WASHOUT @ 521 INVERNESS - CITY CONTRA Comments:	LC	LOC	0535E6	SALAZAR, JOE	01/10/2005 5:00:00PM	-----REMAINS CLOSED----			2093012
RC - AVENUE G - 30TH STREET EAST / 60TH STREET EAST Notes: ROAD CLOSED DUE TO FLOODING Comments:	555	MAJ	4016F1	BROWN JR, DALE	01/10/2005 4:40:00PM	-----REMAINS CLOSED----			2093047
RC COLD CYN. RD. ROAD CLOSURE Notes: LIMITS ARE WOODBLUFF RD TO MULHOLLAND HWY Comments:	339	LIM	0589A7	FUNK, PAUL T	01/10/2005 4:03:00PM	-----REMAINS CLOSED----			STRMDAMG 2093008
RC - NORTH TR - KAGEL CANYON RD / SPRING TR Notes: ROAD CLOSED DUE TO FLOODING Comments:	553	LOC	0482J6	MOORE JR, EARN	01/10/2005 12:10:00PM	-----REMAINS CLOSED----			2092459
RC - RIDGE ROUTE RD - 4 MI N/O LAKE HUGHES RD / TEMPLIN HY Notes: ROCK / MUDSLIDE / DEBRIS ON ROADWAY Comments:	556	SEC	4369G5	NARD, GREGORY F	01/10/2005 11:00:00AM	-----REMAINS CLOSED----			2092620
RC - BOUQUET CANYON RD - PLUM CANYON RD / VASQUEZ CANYON RD Notes: CLOSURE DUE TO PAVEMENT FAILURE Comments:	ST	MAJ	4461D5	HOLMES, ROBERT	01/10/2005 10:00:00AM	-----REMAINS CLOSED----			STRMDAMG 2092328
RC - SIERRA HY - VASQUEZ CANYON RD / AGUA DULCE CYN RD Notes: CLOSURE DUE TO PAVEMENT FAILURE Comments:	553	MAJ	4462C5	BAILEY, WENDY S	01/10/2005 10:00:00AM	-----REMAINS CLOSED----			

LOS ANGELES COUNTY DEPARTMENT OF PUBLIC WORKS
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List of All Closed or Reopened Streets and Highways from 01/11/2005 to 01/11/2005

LOCATION	RD	HWY	IG	Reported by	Date/Time	ROAD CLOSURE	Reported by	Date/Time	ROAD OPENING
Notes: CLOSURE DUE TO FLOODING									ALERT
Comments: -----REMAINS CLOSED----									2092498
RC - ALISO CANYON RD - AVENUE Y-8 / CARSON MESA RD	557	SEC	4485F1	CARPENTER, CRAI	01/10/2005 9:00:00AM				FLOODED
Notes: ROAD CLOSED DUE TO FLOODING									
Comments: -----REMAINS CLOSED----									2092232
RC - GOLDGREEK RD - HALFWAY FOUNDATION / LITTLE TUJUNGA CYN RD	553	LOC	4723E2	MOORE JR, EARN	01/10/2005 9:00:00AM				
Notes: ROAD CLOSED DUE TO MUDSLIDE IN SEVERAL LOCATIONS									
Comments: -----REMAINS CLOSED----									2092229
RC MT BALDY RD - CLAREMONT CITY LIMIT TO SHINN RD DUE TO SLIDE	518	LIM	0571H1	SMITH, MICHAEL B	01/10/2005 8:00:00AM				
Notes: RESIDENT ACCESS AND SB TRAFFIC OK, SLIDE IN CLMT CITY CLMT PD/CHP BLOCKS A									
Comments: -----REMAINS CLOSED----									2092816
RC - AVENUE F - 20TH STREET WEST / SIERRA HY	551	MAJ	3925E6	MAHONEY, JIM	01/10/2005 7:00:00AM				FLOODED
Notes: CLOSURE DUE TO FLOODING									
Comments: -----REMAINS CLOSED----									2092165
RC - AVENUE S - LONGVIEW RD / 165TH STREET EAST	558	MAJ	4289XX	DUNLOP, LARRY A	01/10/2005 5:30:00AM				FLOODED
Notes: HIGH VOLUME OF WATER RUNNING OVER ROADWAY									
Comments: -----REMAINS CLOSED----									2091987
RC - 60TH ST EAST - AVENUE I / AVENUE E	555	LOC	4017C4	HOYLE, DAVID A	01/10/2005 4:25:00AM				FLOODED
Notes: CLOSURE DUE TO FLOODING AND DEBRIS IN THE ROADWAY									
Comments: -----REMAINS CLOSED----									2091977
RC - AVENUE E - 30TH ST EAST / 70TH ST EAST	555	MAJ	3926F3	HOYLE, DAVID A	01/10/2005 4:25:00AM				FLOODED
Notes: CLOSURE DUE TO FLOODING AND DEBRIS IN THE ROADWAY									
Comments: -----REMAINS CLOSED----									2091976
RC - AVENUE E - SIERRA HY / DIVISION ST	551	MAJ	3925G4	MAHONEY, JIM	01/10/2005 4:25:00AM				FLOODED
Notes: CLOSURE DUE TO FLOODING									
Comments: -----REMAINS CLOSED----									2091978
RC - 150TH ST EAST - AVENUE M 08 / AVENUE M	555	LOC	4109C6	HOYLE, DAVID A	01/10/2005 4:10:00AM				FLOODED
Notes: CLOSURE DUE TO HIGH WATER VOLUME. NO SINKHOLE AS REPORTED BY THE SHER									
Comments: -----REMAINS CLOSED----									2091975
RC - BIG ROCK CREEK RD - 3379 S MM 05.29 / VALYERMO RD	558	LIM	4560H7	DUNLOP, LARRY A	01/10/2005 3:05:00AM				LANDSLIDE
Notes: CLOSURE DUE TO NUMEROUS ROCK SLIDES AND ROAD FAILURE									
Comments: -----REMAINS CLOSED----									2091965
RC - 50TH ST EAST - AVENUE I / AVENUE H	555	MAJ	4017A4	COX, WHITNEY W	01/10/2005 2:17:00AM				
Notes: CLOSURE DUE TO FLOODING									
Comments: -----REMAINS CLOSED----									2092032
RC LATIGO & C.M. 2.08 ST. FLOODED	336	LOC	587 F7	SANCHEZ, MARK L	01/09/2005 10:39:00PM				BACKLOG
Notes: KANAN DUME TO NEWTON CANYON									
Comments: -----REMAINS CLOSED----									2091764
RC STRATFORD RD - CHEVY CHASE DR TO HAMPSTEAD - CLOSED DUE TO SLIDE	LC	LOC	0535B6	SALAZAR, JOE	01/09/2005 10:30:00PM				

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 ROAD CLOSURE REPORT FOR STORM BEGINNING: 01/11/2005
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01/11/2005
 6:51:26AM

LOCATION	RD	HWY	IG	Reported by	Date/Time	ROAD CLOSURE	Reported by	Date/Time	ROAD OPENING
Notes: CLOSED BY LA COUNTY FIRE DEPT DUE TO ROCK SLIDE									ALERTI
Comments: ROAD OPEN						-----REMAINS CLOSED----			2091907
RC - CARSON MESA RD - EL SASTRE RD / VINCENT VIEW RD	557	LOC	4465E1	CARPENTER, CRAI	01/09/2005 10:30:00PM				FLOODED
Notes: ROAD CLOSED DUE TO WASH OUTS. SEVERAL DITCHES IN THE ROADWAY.						-----REMAINS CLOSED----			2091944
Comments:									STRMIDAMG
RC - VINCENT VIEW RD - ANGELES FOREST HY / CARSON MESA RD	557	LOC	4376B5	CARPENTER, CRAI	01/09/2005 10:30:00PM				2091971
Notes: ROAD CLOSED DUE TO WASHOUTS ON CARSON MESA RD						-----REMAINS CLOSED----			FLOODED
Comments:									2091896
RC - AVENUE H - 40TH STREET EAST / 60TH STREET EAST	555	MAJ	4016H2	BROWN JR, DALE	01/09/2005 10:00:00PM				2091873
Notes: CLOSED DUE TO FLOODING, AND MUD AND DEBRIS						-----REMAINS CLOSED----			2091861
Comments:									2091855
RC - CHIQUITO CYN RD - HWY 126 / SAN MARTINEZ	556	LIM	4549C3	HOLMES, ROBERT	01/09/2005 9:16:00PM				2091853
Notes: ROAD CLOSURE DUE MUD ON ROADWAY						-----REMAINS CLOSED----			
Comments:									
RC - LANG STATION RD - SOLEDAD CYN RD / END	553	LOC		MOORE JR, EARN	01/09/2005 8:39:00PM				
Notes: ROAD CLOSED DUE TO FLOODING						-----REMAINS CLOSED----			
Comments:									
RC - ELIZABETH LAKE RD - JOHNSON HILL RD / FIRTREE DR	551	MAJ		MAHONEY, JIM	01/09/2005 8:30:00PM				
Notes: ROAD CLOSED DUE TO FLOODING						-----REMAINS CLOSED----			
Comments:									
RC - TAPIA CN RD - CHARLEY CYN / CASTAIC ROAD	556	LOC	4459H1	HOLMES, ROBERT	01/09/2005 8:17:00PM				
Notes: CLOSED DUE TO ROAD FAILURE						-----REMAINS CLOSED----			
Comments:									
RC - LATIGO CYN RD FROM KANAN DUME RD TO NEWTON CANYON RD	336	LOC	587 D6	CRITTENDEN, JIMM	01/09/2005 7:47:00PM				
Notes: KANAN DUME RD / NEWTON CYN RD						-----REMAINS CLOSED----			
Comments:									
RC - MALIBU CANYON RD FROM CIVIC CENTER WAY TO PIUMA RD	MA	MAJ	0628H6	KNITTLE, DANNY J	01/09/2005 7:47:00PM				
Notes: ROAD CLOSED FROM CIVIC CENTER WAY TO PIUMA ROAD						-----REMAINS CLOSED----			
Comments:									
RC - AVENUE K - 50TH STREET EAST / 70TH STREET EAST	LA	MAJ	4107A1	BROWN JR, DALE	01/09/2005 7:40:00PM				
Notes: ROAD CLOSED IN CITY OF LANCASTER DUE TO PAVEMENT FAILURE						-----REMAINS CLOSED----			
Comments:									
RC - SPUNKY CYN RD - SN FRANSQT CN RD / BOUQUET CYN RD	551	LIM	4192D2	MAHONEY, JIM	01/09/2005 7:07:00PM				
Notes: CLOSURE DUE TO FLOODING						-----REMAINS CLOSED----			
Comments:									
RC - FORT TEJON RD - 204TH STREET EAST / HWY 138	558	LOC	4390XX	DUNLOP, LARRY A	01/09/2005 6:55:00PM				
Notes: ROAD CLOSED DUE TO HEAVY FLOODING, DEEP MUD AND DEBRIS, AND WASHOUTS						-----REMAINS CLOSED----			
Comments:									

LOS ANGELES COUNTY DEPARTMENT OF PUBLIC WORKS
ROAD CLOSURE REPORT FOR STORM BEGINNING: 01/11/2005

List of All Closed or Reopened Streets and Highways from 01/11/2005 to 01/11/2005

LOCATION	RD	HWY	IG	ROAD CLOSURE		ROAD OPENING	
				Reported by	Date/Time	Reported by	Date/Time
RC HIGHRIDGE RD FROM CLOUD CREST TO RAMSDELL - DUE TO SLIDE Notes: ROAD CLOSED DUE TO SLIDE Comments: ROAD CLOSED DUE TO SLIDE	514	LOC	0504F5	SALAZAR, JOE	01/09/2005 6:20:00PM		ALERT
RC BIG DALTON CANYON RD CLOSED TO SLIDE Notes: ROAD CLOSED BY CITY OF GLENDORA DUE TO SLIDE Comments: ROAD CLOSED DUE TO SLIDE	518	LOC	0569H2	HUSBANDS, VANC	01/09/2005 6:19:00PM		2091848
RC - VASQUEZ CYN RD - BOUQUET CYN RD / SIERRA HWY Notes: ROAD CLOSURE DUE DOWN ROAD FAILURE Comments: ROAD CLOSURE DUE TO MUD SLIDE	553	MAJ	4461G2	MOORE JR, EARN	01/09/2005 4:29:00PM		2091849
RC - BIG TUJUNGA CANYON RD - 5280 W MM 01.00 / DOSKE RD Notes: CLOSURE DUE TO MUD SLIDE Comments: CLOSURE DUE TO MUD SLIDE	557	SEC	4724D4	CARPENTER, CRAI	01/09/2005 3:56:00PM		2091779
RC - AVENUE O - 110TH ST EAST / 145TH ST EAST Notes: ROAD CLOSED DUE TO HIGH VOLUME FLOODING OF BIG ROCK CREEK, MUD & DEBRIS Comments: ROAD CLOSED DUE TO FLOODING	555	MAJ	4198F2	HOYLE, DAVID A	01/09/2005 3:12:00PM		2091773
RC - SAN FRANCISQUITO CYN RD - COPPER HILL DR / SPUNKY CANYON RD Notes: CLOSURE DUE TO FLOODING Comments: ROAD CLOSED DUE TO FLOODING	556	SEC	4460G4	HOLMES, ROBERT	01/09/2005 2:16:00PM		2091760
RC - AVENUE F - 50TH STREET EAST / 60TH STREET EAST Notes: CLOSURE DUE TO FLOODING, AND MUD AND DEBRIS Comments: ROAD CLOSED DUE TO FLOODING	555	LOC	3930XX	COX, WHITNEY W	01/09/2005 2:13:00PM		2091718
RC - CHANEY TR - 0450 N LOMA ALTA DR / 3200 N LOMA ALTA DR Notes: Road closed due to slides Comments: ROAD CLOSED DUE TO FLOODING	514	LOC	0535H4	SALAZAR, JOE	01/09/2005 2:00:00PM		2091715
RC - PALMDALE BL - LONGVIEW RD / 165TH ST EAST Notes: CLOSURE DUE TO FLOODING FROM BIG ROCK CK WASH Comments: ROAD CLOSED DUE TO FLOODING	558	MAJ	4198H7	DUNLOP, LARRY A	01/09/2005 1:56:00PM		2091728
RC - AVENUE T - 165TH ST EAST / LONGVIEW RD Notes: BIG ROCK CREEK FLOWING OVER ROADWAY Comments: ROAD CLOSED DUE TO FLOODING	558	MAJ	4289XX	DUNLOP, LARRY A	01/09/2005 1:52:00PM		2091704
RC - AVENUE L 4 - 45TH ST WEST / LA GABRIELLA DR Notes: CLOSURE DUE TO FLOODING Comments: ROAD CLOSED DUE TO FLOODING	551	LOC	4104J5	MAHONEY, JIM	01/09/2005 1:42:00PM		2091700
RC - 45TH ST WEST - AVENUE L-4 / AVENUE L-2 Notes: ROAD CLOSED DUE TO FLOODING Comments: ROAD CLOSED DUE TO FLOODING	551	SEC	4104J4	MAHONEY, JIM	01/09/2005 1:35:00PM		2091694
RC - GRANDVIEW DR FROM OBSERVATION DR TO TOPANGA CYN BL Notes: GRANDVIEW DR @ FALLS DRIVE - ROAD CLOSURE DUE TO MUDSLIDE Comments: ROAD CLOSED DUE TO FLOODING	336	LOC	0590A7	CRITTENDEN, JIMM	01/09/2005 1:33:00PM		2091692
							2091691

LOCATION	RD	HWY	IG	Reported by	Date/Time	ROAD CLOSURE	Reported by	Date/Time	ROAD OPENING
RC - BIG PINES HY - LARGO VISTA ROAD / ANGELES CREST HY Notes: ROAD CLOSED DUE TO SNOW AND ICE, AND MUDSLIDES Comments: -----REMAINS CLOSED----	558	LIM	4560F2	DUNLOP, LARRY A	01/09/2005 1:22:00PM				ALERT 2091688
RC - THE OLD RD - HILLCREST PARKWAY TO PARKER ROAD Notes: CLOSURE DUE TO FLOODING Comments: -----REMAINS CLOSED----	556	SEC	4459H3	HOLMES, ROBERT	01/09/2005 12:53:00PM				2091681
RC - THE OLD RD - CALGROVE BLVD TO WELDON CYN Notes: CLOSURE DUE TO FLOODING Comments: -----REMAINS CLOSED----	556	MAJ	4640F4	HOLMES, ROBERT	01/09/2005 12:45:00PM				2091679
RC - STUNT RD FROM MULHOLLAND HWY TO SADDLE PEAK DR Notes: SEE NOTES Comments: -----REMAINS CLOSED----	339	LIM	0589F7	FUNK, PAUL T	01/09/2005 12:42:00PM				2091678
RC - 50TH ST EAST - AVENUE H / AVENUE E Notes: CLOSURE DUE TO FLOODING Comments: -----REMAINS CLOSED----	555	SEC	3927XX	COX, WHITNEY W	01/09/2005 12:00:00PM				FLOODED 2091706
RC - AVENUE L 08 - 43RD ST WEST / 42ND ST WEST Notes: ROAD CLOSED DUE TO FLOODING Comments: -----REMAINS CLOSED----	551	SEC	4104J5	MAHONEY, JIM	01/09/2005 12:00:00PM				FLOODED 2091667
RC - LITTLE TUJUNGA CYN RD - OSBORNE ST / PLACERITA CYN RD Notes: ROAD CLOSED DUE TO MUDSLIDE Comments: -----REMAINS CLOSED----	553	MAJ	4641D1	MOORE JR, EARN	01/09/2005 11:30:00AM				2092207
RC - AVENUE M - 50TH ST WEST / 35TH ST WEST Notes: ROAD CLOSED DUE TO FLOODING Comments: -----REMAINS CLOSED----	551	MAJ	4104H6	MAHONEY, JIM	01/09/2005 10:55:00AM				FLOODED 2091666
RC - AVENUE N - 56TH STREET WEST / 50TH STREET WEST Notes: ROAD CLOSED DUE TO FLOODING Comments: -----REMAINS CLOSED----	551	MAJ	4194G1	MAHONEY, JIM	01/09/2005 10:55:00AM				FLOODED 2091663
RC - SAN FRANCISQUITO CYN RD - SPUNKY CYN RD / ELIZABETH LK RD Notes: ROAD CLOSED DUE TO SLIDES Comments: -----REMAINS CLOSED----	551	SEC	4192D2	MAHONEY, JIM	01/09/2005 10:55:00AM				2091654
RC - AVENUE J - 90TH STREET EAST / 140TH STREET EAST Notes: CLOSURE DUE TO FLOODING Comments: -----REMAINS CLOSED----	555	MAJ	4017J6	COX, WHITNEY W	01/09/2005 10:45:00AM				FLOODED 2091684
RC - AVENUE K - 90TH STREET EAST / 140TH STREET EAST Notes: CLOSURE DUE TO FLOODING, AND MUD AND DEBRIS Comments: -----REMAINS CLOSED----	555	MAJ	4107J1	COX, WHITNEY W	01/09/2005 10:45:00AM				FLOODED 2091693
RC PIJMA RD (F/SCHUREAN RD TO COLD CANYON DUE TO ROCK SLIDES/BOULDER Notes: due to large boulder and mud slides through out the canyon Comments: -----REMAINS CLOSED----	336	LIM	0628J1	CRITTENDEN, JIMM	01/09/2005 10:35:00AM				2091642

LOS ANGELES COUNTY DEPARTMENT OF PUBLIC WORKS
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List of All Closed or Reopened Streets and Highways from 01/11/2005 to 01/11/2005

01/11/2005
6:51:28AM

LOCATION	ROAD CLOSURE				ROAD OPENING		
	RD	HWY	IG	Reported by	Date/Time	Reported by	Date/Time
RC - QUARTZ HILL ROAD - 35TH ST W / 50TH STREET W Notes: ROAD CLOSED DUE TO FLOODING Comments: -----REMAINS CLOSED----	551	MAJ	4104J6	MAHONEY, JIM	01/09/2005 10:30:00AM		ALERT
RC - MULHOLLAND HWY FROM PCH TO LITTLE SYCAMORE RD Notes: SEE NOTES Comments: -----REMAINS CLOSED----	339	PKY	0626A1	FUNK, PAUL T	01/09/2005 10:15:00AM		2091671
RC SAN DIMAS CYN RD - 1640 N GOLDEN HILLS RD / 1478 N MM 00.28 Notes: CLOSED DUE TO 2 LAND SLIDES COVERING THE ROAD Comments: -----REMAINS CLOSED----	518	LOC	0570F3	SMITH, MICHAEL B	01/09/2005 10:15:00AM		2091632
RC - SANTA ANITA CANYON RD - 7775 N ARNO DR / 14465 N ARNO DR Notes: DUE TO SLIDE BLOCKING WHOLE ROAD ON CITY OF SIERRA MADRE JURISDICTION Comments: -----REMAINS CLOSED----	519	LOC	0567D6	LILLICH, STUART L	01/09/2005 9:30:00AM		2091615
RC PIJUMA RD (CLOSED DUE TO FLOODING F/COLD CYN TO LAS VIRGENES Notes: CLOSED CREEK CAME OVER THE ROAD/FLOODED Comments: -----REMAINS CLOSED----	336	LIM	0588H7	CRITTENDEN, JIMM	01/09/2005 9:30:00AM		2091656
RC - AVENUE H - 50TH STREET EAST / 60TH STREET EAST Notes: CLOSED DUE TO FLOODING Comments: -----REMAINS CLOSED----	LA	MAJ	4013F3	COX, WHITNEY W	01/09/2005 9:25:00AM		2091622
RC - AVENUE I - 50TH STREET EAST / 60TH STREET EAST Notes: CLOSED DUE TO FLOODING Comments: -----REMAINS CLOSED----	LA	MAJ	4014F5	COX, WHITNEY W	01/09/2005 9:25:00AM		2091629
RC - BOUQUET CANYON RD - SPUNKY CYN RD / ELIZABETH LK RD Notes: ROAD CLOSED DUE TO FLOODING Comments: -----REMAINS CLOSED----	551	SEC	4194A6	MAHONEY, JIM	01/09/2005 9:10:00AM		2091630
RC - THREE POINTS RD - PINE CANYON RD / LANCASTER RD Notes: ROAD CLOSED DUE TO PAVEMENT WASHED AWAY IN DIFFERENT LOCATIONS Comments: -----REMAINS CLOSED----	556	SEC	3919XX	HOLMES, ROBERT	01/09/2005 4:00:00AM		FLOODED
RC - FAIRWAY DR @ VALLEY BL Notes: FATALITY ACCIDENT Comments: ROAD NEEDS TO BE CLOSED OFF ON BOTH DIRECTIONS ON FAIRWAY DR	IND	MAJ	0679D3	JENKINS, JOE P	01/09/2005 2:25:00AM		2091624
RC - 110TH ST EAST - AVENUE L / AVENUE K Notes: CLOSED DUE TO MUD REMOVAL BETWEEN AVE K AND AVE H Comments: -----REMAINS CLOSED----	555	SEC	4108D2	COX, WHITNEY W	01/09/2005 1:24:00AM		STRMDAMG
RC - AVENUE I - 90TH STREET EAST / 110TH STREET EAST Notes: ROAD CLOSED DUE TO FLOODING Comments: -----REMAINS CLOSED----	555	SEC	4017J4	COX, WHITNEY W	01/09/2005 12:25:00AM		2091597
R. C. Pujma Rd between Cold Cyn and Malibu cyn (tree down) Notes: Oak Tree down . (Blocking both lane) Comments: -----REMAINS CLOSED----	336	LIM	0628J1	CRITTENDEN, JIMM	01/09/2005 12:00:00AM		FLOODED
							2091595
							2091607

LOS ANGELES COUNTY DEPARTMENT OF PUBLIC WORKS
 ROAD CLOSURE REPORT FOR STORM BEGINNING: 01/11/2005
 List of All Closed or Reopened Streets and Highways from 01/11/2005 to 01/11/2005

01/11/2005
 6:51:28AM

LOCATION	RD	HWY	IG	Reported by	Date/Time	ROAD CLOSURE	Reported by	Date/Time	ROAD OPENING
R.C MALIBU CYN @ CIVIC CENTER RD. Notes: MUD SLIDES AND ROCK IN ROAD WAY Comments: -----REMAINS CLOSED----	MA	MAJ	0628H6	CRITTENDEN, JIMM	01/09/2005 12:00:00AM				ALERT
RC - SAND CANYON RD S/O PLACERITA CYN RD Notes: ROAD CLOSED DUE TO MUDSLIDE, TREE DOWN AND ACCIDENT Comments: -----REMAINS CLOSED----	553	MAJ	4641D1	MOORE JR, EARN	01/08/2005 11:55:00PM				2091590
RC - LOPEZ CYN RD - BAILEY TO KAGEL CYN RD Notes: ROAD CLOSED DUE TO FLOODING Comments: -----REMAINS CLOSED----	553	LIM	0482F5	MOORE JR, EARN	01/08/2005 11:50:00PM				2091589
RC - 110TH ST EAST - AVENUE K / AVENUE H Notes: CLOSED DUE TO DEBRIS AND MUD ON THE ROAD Comments: -----REMAINS CLOSED----	555	SEC	4108D1	COX, WHITNEY W	01/08/2005 11:40:00PM				STRMDAMG
RC - 70TH ST EAST - PALMDALE BL / AVENUE N Notes: ROAD CLOSED DUE TO FLOODING Comments: -----REMAINS CLOSED----	555	MAJ	4197E7	BROWN JR, DALE	01/08/2005 10:50:00PM				2091588
RC - AVENUE N - 50TH STREET EAST / 70TH STREET EAST Notes: CLOSED DUE TO HIGH VOLUME FLOODING, MUD & DEBRIS. 50' W/BOUND LANE GONE Comments: -----REMAINS CLOSED----	555	LOC	4107B7	COX, WHITNEY W	01/08/2005 10:15:00PM				FLOODED
RC-GMR-EAST FORK/GLENNDORA CITY LIMIT Notes: MAJOR SLIDE Comments: -----REMAINS CLOSED----	518	LOC	0569H2	HUSBANDS, VANC	01/08/2005 9:45:00PM				2091579
RC - LAKE HUGHES ROAD - RIDGE ROUTE ROAD / ELIZABETH LAKE ROAD Notes: ROAD CLOSED DUE TO SLIDE Comments: -----REMAINS CLOSED----	556	MAJ	4369H6	HOLMES, ROBERT	01/08/2005 8:45:00PM				2091578
RC - UPPER BIG TUJUNGA CANYON RD - ANGELES FOREST HY / ANGELES CREST HY (HWY 2) Notes: ROAD CLOSED DUE TO SLIDES NEAR ANGELES CREST HY Comments: -----REMAINS CLOSED----	557	LOC	4646B7	CARPENTER, CRAI	01/08/2005 7:58:00PM				2091576
RC - CHAIN CONTROLS 7000+ Notes: CHAIN CONTROLS 7000+ . ROAD DIVISION 558 Comments: -----REMAINS CLOSED----	558	LOC	4561F4	ASHTON, THOMAS J	01/08/2005 7:42:00PM				2091575
RC - ANGELES FOREST HY - ALISO CANYON RD / ANGELES CREST HY Notes: ROAD CLOSED DUE TO ROCK SLIDES Comments: -----REMAINS CLOSED----	557	MAJ	4556F2	CARPENTER, CRAI	01/08/2005 7:18:00PM				2091574
RC - 140TH STREET EAST - PALMDALE BLVD / AVENUE Q Notes: ROAD CLOSED DUE TO RUSHING WATER Comments: -----REMAINS CLOSED----	555	LOC	4199B7	HOYLE, DAVID A	01/08/2005 6:15:00PM				2091569
RC - AVENUE Q - 130TH STREET EAST / 145TH STREET EAST Notes: ROAD CLOSED DUE TO FLOODING Comments: -----REMAINS CLOSED----	555	LOC	4198H6	HOYLE, DAVID A	01/08/2005 6:15:00PM				FLOODED
									2091568
									FLOODED
									2091567

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01/11/2005
 6:51:28AM

LOCATION	ROAD CLOSURE				ROAD OPENING		
	RD	HWY	IG	Reported by	Date/Time	Reported by	Date/Time
RC - PALMDALE BL - 70TH STREET EAST / 90TH STREET EAST Notes: ROAD CLOSED DUE TO FLOODING OF LITTLEROCK WASH (FAST MOVING WATER 18-) Comments: -----REMAINS CLOSED----	558	MAJ	4197F7	DUNLOP, LARRY A	01/08/2005 5:45:00PM		ALERTI 2091566
RC - SHINN ROAD FROM MT BALDY RD / MOUNTAIN AV Notes: FROM MT BALDY RD TO SBD CO LINE - CLOSED BY SBD COUNTY, DUE TO SLIDES Comments: -----REMAINS CLOSED----	518	LOC	0571H1	SMITH, MICHAEL B	01/08/2005 3:40:00PM		2092781 FLOODED
RC - BOUQUET CANYON RD - VASQUEZ CANYON RD / SPUNKY CANYON RD Notes: ROAD CLOSED DUE TO FLOODING Comments: -----REMAINS CLOSED----	563	MAJ	4461G2	MOORE JR, EARN	01/08/2005 3:09:00PM		2091536
RC - PINE CANYON RD - RIDGE ROUTE RD / THREE POINTS RD Notes: ROAD CLOSED DUE TO PAVEMENT WASHED AWAY Comments: -----REMAINS CLOSED----	556	LIM	3917XX	HOLMES, ROBERT	01/08/2005 12:00:00PM		2092239
RC - MT EMMA RD - CHESEBORO RD / FORT TEJON RD Notes: ROAD CLOSED DUE TO HEAVY FLOODING (24"+ DEEP) OF LITTLEROCK WASH Comments: -----REMAINS CLOSED----	558	SEC	4377J3	DUNLOP, LARRY A	01/08/2005 11:10:00AM		2091530
RC - BIG TUJUNGA CYN RD - DOSKE RD / ANGELES FOREST HY Notes: CLOSURE DUE TO 1,000 CY SLIDE Comments: -----REMAINS CLOSED----	557	SEC	4724XX	SMOTHERMAN, ST	01/08/2005 2:45:00AM		2091475 FLOODED
RC - COPCO AV - 3400 S BS/CAL AQDT/2363 / QUAIL LAKE RD Notes: Comments: -----REMAINS CLOSED----	556	LOC	3916XX	KELLEY, JOHNATHA	01/07/2005 9:00:00PM		2091474
RC - TABLE MOUNTAIN RD - ANGELES CREST HY / 6700 N ANGELES CREST HY Notes: ROAD CLOSED DUE TO SNOW AND ICE. ONE LANE DUE TO 6-7 FT DRIFTS. Comments: -----REMAINS CLOSED----	558	LOC	4561F4	DUNLOP, LARRY A	01/07/2005 10:40:00AM		2091492
RC - COUNTRY WY - CROWN VALLEY RD / CALM/GARDEN RD Notes: CLOSED DUE TO FLOODING OF ALISO OK. HEAVY DEBRIS AND MUDFLOWS Comments: -----REMAINS CLOSED----	557	LOC	4465C4	GRIMES, TERRY H	01/07/2005 10:35:00AM		2091277
RC - GLENDORA RIDGE ROAD- FROM GLENDORA MTN RD TO MT BALDY RD Notes: CLOSURE DUE TO SNOW - WILL REMAIN CLOSED TILL FURTHER NOTICE Comments: -----REMAINS CLOSED----	518	LOC	0540B3	SMITH, MICHAEL B	01/07/2005 10:00:00AM		STRMDAMG 2091193
RC - CHAIN CONTROLS 4500+ Notes: CHAIN CONTROLS 4500+. ROAD DIVISION 557 Comments: -----REMAINS CLOSED----	557	MAJ	4466D5	CARPENTER, CRAI	01/07/2005 6:26:00AM		2091188
Palos Verdes Drive East @ Bridlewood circle Notes: Road is close do to drain collapse Comments: -----REMAINS CLOSED----	RH	MAJ	0793H6	MICKEY, ROBERT	01/03/2005 5:00:00AM		FLOODED 2087604
RC - AVENUE K - 45TH STREET WEST / 40TH STREET WEST Notes: Comments: -----REMAINS CLOSED----	551	MAJ	4104J2	MAHONEY, JIM	12/30/2004 4:00:00PM		FLOODED

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LOCATION	RD	HWY	IG	Reported by	Date/Time	ROAD CLOSURE	Reported by	Date/Time	ROAD OPENING
Notes: ROAD CLOSED DUE TO FLOODING									
Comments:						-----REMAINS CLOSED----			ALERT
RC - AVENUE L - 70TH STREET WEST / 60TH STREET WEST	LA	MAJ	4104D4	MAHONEY, JIM	12/30/2004 9:54:00AM				2087331
Notes: ROAD CLOSED DUE TO FLOODING BY CITY OF LANCASTER									FLOODED
Comments:						-----REMAINS CLOSED----			2086906
RC - MT WILSON-RED BOX RD - VIDEO RD ANGELES CREST HY	559	LOC	0506H7	SMITH, CLINTON	12/29/2004 2:00:00AM				STRMDAMG
Notes: ROAD CLOSURE DUE TO SNOW AND SLIDES									
Comments: CALLED INTO THE RADIO ROOM @ 2:15 AM ON 12/29/04						-----REMAINS CLOSED----			2084089
RC - AVENUE N - 1320 W 50TH ST WEST / 50TH ST WEST	551	MAJ	4194G1	FAULK, J T	12/28/2004 10:00:00AM				
Notes: ROAD CLOSURE DUE TO CONSTRUCTION AND FLOODING. CLOSED BY MUIRFIELD CO						-----REMAINS CLOSED----			2085837
Comments:									
RC - ARRASTRE CANYON RD - CROWN VALLEY RD / DETENTION CTR	557	LOC	4465A5	GRIMES, TERRY H	12/28/2004 9:28:00AM				
Notes: CLOSED DUE TO FLOODING; 1/9/04 - CLOSED DUE TO ROAD FAILURE						-----REMAINS CLOSED----			2082971
Comments:									
RC - AVENUE K - 60TH STREET WEST / 50TH STREET WEST	551	MAJ	4104G2	MAHONEY, JIM	12/28/2004 8:30:00AM				
Notes: ROAD CLOSED DUE TO FLOODING						-----REMAINS CLOSED----			2086634
Comments:									
RC - 45TH STREET WEST - AVENUE M-8 / QUARTZ HILL RD	551	SEC	4104J7	MAHONEY, JIM	12/02/2004 7:00:00AM				
Notes: ROAD CLOSED DUE TO ROAD IMPROVEMENTS						-----REMAINS CLOSED----			2075450
Comments:									

Current Count = 109

109 ROADS CURRENTLY CLOSED