

# National Weather Service

Los Angeles/Oxnard, CA

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## QUANTITATIVE PRECIPITATION STATEMENT

FSUS46 KLOX 201249 CCA  
QPSLOX

QUANTITATIVE PRECIPITATION FORECAST  
NATIONAL WEATHER SERVICE LOS ANGELES/OXNARD CA  
300 AM PST WED JAN 20 2010

PRECIPITATION FORECASTS IN INCHES FOR THE NEXT 24 HOURS ARE PROVIDED  
IN 3-HOUR INCREMENTS FOR THE FIRST 12 HOURS...FOLLOWED BY 6-HOUR  
INCREMENTS FOR THE LAST 12 HOURS.

LIGHT RAINFALL AMOUNTS GREATER THAN ZERO BUT LESS THAN A TENTH OF AN  
INCH ARE SHOWN AS LGT.

THE DAY 1 DISCUSSION COVERS THE PERIOD FROM 400 AM WED THROUGH 400 AM THU.  
THE DAY 2 DISCUSSION COVERS THE PERIOD FROM 400 AM THU THROUGH 400 AM FRI.

04-07 07-10 10-13 13-16 | 16-22 22-04

### SAN LUIS OBISPO COUNTY...

|                       |     |     |     |     |  |     |     |
|-----------------------|-----|-----|-----|-----|--|-----|-----|
| LSRC1:CAMBRIA         | 0.3 | 0.3 | 0.7 | 0.6 |  | 0.1 | 0.2 |
| SMRC1:SANTA MARGARITA | 0.3 | 0.4 | 0.9 | 0.8 |  | 0.2 | 0.1 |
| NIPC1:LOPEZ LAKE      | 0.3 | 0.3 | 0.7 | 0.7 |  | 0.2 | 0.1 |

### SANTA BARBARA COUNTY...

|                                   |     |     |     |     |  |     |     |
|-----------------------------------|-----|-----|-----|-----|--|-----|-----|
| GETC1:GETTY BASIN                 | 0.3 | 0.2 | 0.7 | 0.6 |  | 0.2 | 0.1 |
| SBTC1:SANTA BARBARA POTRERO       | 0.3 | 0.2 | 0.6 | 0.7 |  | 0.5 | 0.1 |
| GBRC1:GIBRALTAR DAM               | 0.3 | 0.4 | 1.0 | 1.3 |  | 0.8 | 0.2 |
| SMCC1:SAN MARCOS PASS             | 0.3 | 0.4 | 1.1 | 1.1 |  | 0.7 | 0.2 |
| SBFC1:SANTA BARBARA FLOOD CONTROL | 0.3 | 0.2 | 0.6 | 0.8 |  | 0.4 | 0.1 |

### VENTURA COUNTY...

|                                  |     |     |     |     |  |     |     |
|----------------------------------|-----|-----|-----|-----|--|-----|-----|
| FGEC1:FAGAN CANYON               | 0.3 | 0.2 | 0.6 | 0.8 |  | 0.9 | 0.1 |
| HRCC1:HOPPER CANYON              | 0.3 | 0.2 | 0.5 | 1.1 |  | 1.5 | 0.1 |
| MTDC1:MATILIJA DAM               | 0.3 | 0.3 | 1.0 | 1.2 |  | 1.3 | 0.2 |
| VTUC1:VENTURA COUNTY GOVT CENTER | 0.3 | 0.2 | 0.4 | 0.6 |  | 0.8 | 0.1 |
| MORC1:MOORPARK COUNTY YARD       | 0.3 | 0.1 | 0.3 | 0.5 |  | 0.9 | 0.1 |
| CRXC1:CIRCLE X RANCH             | 0.3 | 0.2 | 0.5 | 0.6 |  | 1.3 | 0.1 |

### LOS ANGELES COUNTY...

|                                       |     |     |     |     |  |     |     |
|---------------------------------------|-----|-----|-----|-----|--|-----|-----|
| WFKC1:WEST FORK HELIPOINT (MT WILSON) | 0.3 | 0.2 | 0.2 | 0.9 |  | 2.6 | 0.2 |
| BDDC1:BIG DALTON DAM                  | 0.3 | 0.1 | 0.1 | 0.8 |  | 2.5 | 0.2 |
| PCDC1:PACOIMA DAM                     | 0.3 | 0.1 | 0.2 | 0.6 |  | 1.8 | 0.1 |
| SAUC1:SAUGUS                          | 0.3 | LGT | 0.2 | 0.5 |  | 1.1 | 0.1 |
| CQT :LOS ANGELES DOWNTOWN (USC)       | 0.3 | LGT | 0.1 | 0.3 |  | 1.1 | 0.1 |

MLUC1:BIG ROCK MESA

0.3 0.1 0.2 0.3 | 1.5 0.1

## SYNOPSIS:

A POWERFUL AND VERY WET PACIFIC STORM WILL AFFECT SOUTHWESTERN CALIFORNIA THROUGH THURSDAY NIGHT OR EARLY FRIDAY.

SHOWERS...LOCALLY HEAVY AT TIMES WILL AFFECT THE REGION THIS MORNING. RAIN IS EXPECTED TO INCREASE IN INTENSITY LATER THIS MORNING INTO THIS AFTERNOON. ALTHOUGH HEAVY RAIN MAY OCCUR AT ANY TIME TODAY...THE PEAK OF THE RAIN IS EXPECTED TO AFFECT THE BURN AREAS OF SANTA BARBARA COUNTY BETWEEN 10 AM AND 6 PM...VENTURA COUNTY BETWEEN NOON AND 8 PM...AND LOS ANGELES COUNTY BETWEEN 2 PM AND 10 PM. DURING THIS TIME...PEAK HOURLY RAINFALL RATES BETWEEN 0.75 INCHES AND 1.00 INCH PER HOUR CAN BE EXPECTED. THERE IS THE POTENTIAL FOR RATES AS HIGH AS 1.50 INCHES PER HOUR NEAR THUNDERSTORMS AND ACROSS FAVORED SOUTH FACING SLOPES...INCLUDING THE STATION...MORRIS...AND JESUSITA BURN AREAS. RAINFALL AT THESE RATES COULD CAUSE SIGNIFICANT FLASH FLOODING WITH LIFE THREATENING MUD AND DEBRIS FLOWS IN AND BELOW THE RECENT BURN AREAS...ESPECIALLY SINCE THE GROUNDS ARE SATURATED. A FLASH FLOOD WATCH IS IN EFFECT FOR THE 2008 AND 2009 BURN AREAS THROUGH LATE THURSDAY NIGHT.

THERE MAY BE SOMEWHAT OF A DECREASE IN RAINFALL ACTIVITY LATE TONIGHT AND EARLY THURSDAY...ALTHOUGH HEAVY SHOWERS WILL STILL BE A POSSIBILITY. THEN...ANOTHER PERIOD OF HEAVY RAIN WITH A CHANCE OF THUNDERSTORMS IS EXPECTED LATE THURSDAY MORNING THROUGH THURSDAY NIGHT. DURING THE SECOND PERIOD OF HEAVY RAINFALL...THERE IS AGAIN THE POTENTIAL FOR SIMILAR HIGH INTENSITY RAINFALL RATES.

ADDITIONAL RAINFALL TOTALS TODAY THROUGH THURSDAY NIGHT ARE GENERALLY EXPECTED TO RANGE FROM 2 TO 5 INCHES ACROSS COASTAL AND VALLEY AREAS...WITH 5 TO 10 INCHES IN THE FOOTHILLS AND MOUNTAINS BELOW THE SNOW LEVEL.

WITH THE ADDITIONAL HEAVY AND POTENTIALLY HIGH INTENSITY RAINS...THERE WILL BE A CONTINUED THREAT OF LIFE-THREATENING FLASH FLOODING AND MUD AND DEBRIS FLOWS FOR LOCATIONS IN AND AROUND THE RECENT BURN AREAS. THERE WILL ALSO BE A THREAT OF URBAN AND SMALL STREAM FLOODING THROUGH THURSDAY NIGHT. FLOODING CONCERNS MAY EVEN SPREAD TO SOME OF THE MAIN STEM RIVERS AS WELL.

SNOW LEVELS WILL GENERALLY BE AROUND 5000 FEET THROUGH THURSDAY...THEN LOWER TO 4000 FEET THURSDAY NIGHT AND FRIDAY.

RAINFALL TOTALS FOR THE ENTIRE WEEK ARE EXPECTED TO RANGE FROM 5 TO 10 INCHES IN COASTAL AND VALLEY AREAS...AND 10 TO 18 INCHES IN THE FOOTHILLS AND MOUNTAINS BELOW THE SNOW LEVELS. ISOLATED TOTALS OVER 20 INCHES ARE POSSIBLE FOR THE FAVORABLE SOUTH FACING SLOPES. HIGHER MOUNTAIN AREAS ABOVE 6000 FEET ARE STILL IN LINE FOR SEVERAL FEET OF FRESH SNOW BY WEEKS END.

\*\*\*\*ESTIMATED PEAK HOURLY RAINFALL RATES FOR DAY 1 AND DAY 2\*\*\*\*

FOR DAY 1...PEAK HOURLY RAINFALL RATES OF 0.75-1.00 INCH PER HOUR ARE EXPECTED...WITH LOCAL RATES UP TO 1.50 INCHES PER HOUR OVER FAVORED SOUTH FACING SLOPES AND UNDER ANY THUNDERSTORMS THAT DEVELOP. THE HEAVIEST RAINFALL FOR THIS PERIOD IS EXPECTED

1/20/2010

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ACROSS SANTA BARBARA COUNTY BETWEEN 10 AM AND 6 PM...VENTURA COUNTY BETWEEN NOON AND 8 PM...AND LOS ANGELES COUNTY BETWEEN 2 PM AND 10 PM. HOWEVER...RAINFALL RATES OVER ONE HALF INCH PER HOUR MAY OCCUR AT ANY TIME THROUGH TONIGHT.

FOR DAY 2...PEAK HOURLY RAINFALL RATES OF 0.75-1.00 INCH PER HOUR ARE EXPECTED...WITH LOCAL RATES UP TO 1.50 INCHES PER HOUR OVER FAVORED SOUTH FACING SLOPES AND UNDER ANY THUNDERSTORMS THAT DEVELOP. THE HEAVIEST RAINFALL FOR THIS PERIOD IS EXPECTED IN THE AFTERNOON AND EVENING.

DAY 1 DISCUSSION...THERE WILL BE PERIODS OF RAIN...HEAVY AT TIMES AND SCATTERED THUNDERSTORMS. RAINFALL THROUGH 4 AM PST THURSDAY WILL AVERAGE 1.00 TO 2.50 INCHES IN COASTAL AND VALLEY AREAS AND 2 TO 5 INCHES IN THE FOOTHILLS AND MOUNTAINS BELOW THE SNOW LEVELS. ABOVE 6000 FEET...1 TO 2 FEET OF SNOW CAN BE EXPECTED.

DAY 2 DISCUSSION...THERE WILL BE PERIODS OF RAIN...HEAVY AT TIMES AND SCATTERED THUNDERSTORMS. RAINFALL WILL BE HEAVIEST DURING THE AFTERNOON AND EVENING. RAINFALL TOTALS FROM 4 AM PST THURSDAY THROUGH 4 AM PST FRIDAY WILL AGAIN AVERAGE 1.00 TO 2.50 INCHES IN COASTAL AND VALLEY AREAS AND 2 TO 5 INCHES IN THE FOOTHILLS AND MOUNTAINS BELOW THE SNOW LEVELS. IN THE MOUNTAINS ABOVE 6000 FEET...ANOTHER 1 TO 2 FEET OF SNOW IS EXPECTED.

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