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PUBLIC INFORMATION STATEMENT
 NATIONAL WEATHER SERVICE LOS ANGELES/OXNARD CA
 800 AM PST THU DEC 23 2010

...A LOOK BACK AT THE RECORD BREAKING WEEK LONG STORM ACROSS
 SOUTHWESTERN CALIFORNIA...

A LARGE UPPER LEVEL LOW PRESSURE SYSTEM TOOK RESIDENCE IN THE
 NORTHEASTERN PACIFIC LATE LAST WEEK. THE CIRCULATION AROUND THE
 SOUTHERN PERIPHERY OF THIS LOW PUMPED VERY MOIST AIR WITH A
 SUBTROPICAL CONNECTION INTO THE REGION. THIS ATMOSPHERIC RIVER OF
 MOISTURE REMAINED FOCUSED ACROSS SOUTHERN CALIFORNIA FROM LAST
 FRIDAY THE 17TH THROUGH YESTERDAY THE 22ND...BRINGING ALMOST
 CONTINUOUS RAIN TO THE REGION DURING THAT TIME. SEVERAL IMPULSES
 MOVING THROUGH THE MOIST FLOW CAUSED PERIODS OF HEAVY RAIN AT TIMES.
 FINALLY...LATE ON TUESDAY...THE UPPER LOW BEGAN TO SHIFT EASTWARD
 AND ITS STRONG FRONTAL SYSTEM MOVED THROUGH THE REGION TUESDAY NIGHT
 AND WEDNESDAY...BRINGING VERY HEAVY RAIN AND SCATTERED
 THUNDERSTORMS...AND PUTTING AN EXCLAMATION POINT ON WHAT WAS A VERY
 WET WEEK. THE RAIN SET MANY DAILY RECORDS ACROSS THE REGION...AND
 HAS MADE THIS ONE OF THE WETTEST DECEMBERS IN RECORDED HISTORY
 ACROSS MUCH OF SOUTHERN CALIFORNIA. UNFORTUNATELY...IT ALSO BROUGHT
 PERIODS OF FLOODING TO THE REGION...ALONG WITH SOME MUD AND DEBRIS
 FLOWS AND ROCK SLIDES...THE MOST SERIOUS OF WHICH OCCURRED ON
 WEDNESDAY.

THE FOLLOWING ARE RAINFALL TOTALS FOR THE MONTH SO FAR AT SOME
 SELECTED STATIONS...COMPARED TO THEIR WETTEST DECEMBERS...AND WHERE
 THIS DECEMBER RANKS SO FAR.

	DEC 2010 RAIN -----	WETTEST DEC/YEAR -----	DEC 2010 RANKING -----
DOWNTOWN LOS ANGELES.....	8.52	15.80/1889	3RD
LOS ANGELES AIRPORT.....	7.68	6.49/2004	1ST
LONG BEACH AIRPORT.....	8.91	5.29/1971	1ST
CAMARILLO AIRPORT.....	6.01	5.32/1964	1ST
SANTA BARBARA AIRPORT....	8.59	6.78/1945	1ST
SANTA MARIA AIRPORT.....	8.24	7.50/1941	1ST
LANCASTER AIRPORT.....	3.73	5.35/1984	3RD
SANDBERG.....	4.34	10.26/1971	8TH
WOODLAND HILLS.....	5.43	8.44/2004	11TH

HERE IS A SUMMARY OF THE OBSERVED RAINFALL FROM EACH DAY OF THE
 EVENT...AS WELL AS SELECTED RECORDS BROKEN ON EACH DAY. MANY
 STATIONS BROKE DAILY RAINFALL RECORDS...AS WELL AS SIGNIFICANT
 WET DECEMBER DAYS ON RECORD.

- * DENOTES DAILY RECORD BROKEN
- + DENOTES BOTH DAILY RECORD AND WETTEST DECEMBER DAY RECORD
 BROKEN...EXPLAINED BELOW TABLE

DECEMBER 17

	2010 RAIN -----	DAILY RECORD/YEAR -----
DOWNTOWN LOS ANGELES.....	0.24	1.97/1880
LOS ANGELES AIRPORT.....	0.48	0.34/1977
LONG BEACH AIRPORT.....	0.98*	0.70/1978
WOODLAND HILLS.....	0.21	0.71/1957
CAMARILLO AIRPORT.....	0.18	1.29/1948
SANDBERG.....	0.13	5.60/1987
SANTA MARIA AIRPORT.....	0.13	0.66/2002
SANTA BARBARA AIRPORT.....	0.51	0.83/1988

DECEMBER 18

	2010 RAIN -----	DAILY RECORD/YEAR -----
DOWNTOWN LOS ANGELES.....	1.19	2.18/1938
LOS ANGELES AIRPORT.....	1.40	2.23/1970
LONG BEACH AIRPORT.....	0.71	1.94/1970
WOODLAND HILLS.....	1.26*	1.04/1949
CAMARILLO AIRPORT.....	2.23*	1.03/1997
SANDBERG.....	0.34	1.87/1988
SANTA MARIA AIRPORT.....	3.19+	1.62/2007
SANTA BARBARA AIRPORT.....	2.80+	1.81/1970

AT SANTA MARIA AIRPORT...THE DAILY TOTAL OF 3.19 INCHES WAS THE MOST FOR ANY DECEMBER DAY. THE PREVIOUS RECORD WAS 3.04 INCHES...SET ON DECEMBER 24 1955.

AT SANTA BARBARA AIRPORT...THE DAILY TOTAL OF 2.80 INCHES WAS ALSO THE MOST FOR ANY DECEMBER DAY. THE PREVIOUS RECORD WAS 2.58 INCHES...SET ON DECEMBER 3 1974.

DECEMBER 19

	2010 RAIN -----	DAILY RECORD/YEAR -----
DOWNTOWN LOS ANGELES.....	2.80+	2.12/1921
LOS ANGELES AIRPORT.....	2.23+	1.62/1984
LONG BEACH AIRPORT.....	2.07+	0.52/1984
WOODLAND HILLS.....	1.15	2.98/1970
CAMARILLO AIRPORT.....	1.99	2.80/1970
SANDBERG.....	0.76	1.59/1988
SANTA MARIA AIRPORT.....	2.13*	0.95/1984
SANTA BARBARA AIRPORT.....	2.79+	1.75/1964

AT DOWNTOWN LOS ANGELES...THE DAILY TOTAL OF 2.80 INCHES WAS THE EIGHTH MOST FOR ANY DECEMBER DAY. THE RECORD FOR HIGHEST RAINFALL ON ANY DECEMBER DAY WAS 5.55 INCHES...SET ON DECEMBER 28 2004.

AT LOS ANGELES AIRPORT...THE DAILY TOTAL OF 2.23 INCHES WAS THE FOURTH MOST FOR ANY DECEMBER DAY. THE RECORD FOR HIGHEST RAINFALL ON ANY DECEMBER DAY WAS 4.53 INCHES...SET ON DECEMBER 28 2004.

AT LONG BEACH AIRPORT...THE DAILY TOTAL OF 2.07 INCHES WAS THE THIRD MOST FOR ANY DECEMBER DAY. THE RECORD FOR HIGHEST RAINFALL ON ANY DECEMBER DAY WAS 3.17 INCHES...SET ON DECEMBER 4 1974.

AT SANTA BARBARA AIRPORT...THE DAILY TOTAL OF 2.79 INCHES WAS THE SECOND MOST FOR ANY DECEMBER DAY. THE RECORD FOR HIGHEST RAINFALL ON ANY DAY WAS 2.80 INCHES...SET THE DAY BEFORE ON DECEMBER 18 2010.

DECEMBER 20

	2010 RAIN ----	DAILY RECORD/YEAR -----
DOWNTOWN LOS ANGELES.....	1.32	4.19/1879
LOS ANGELES AIRPORT.....	1.17*	0.70/1952
LONG BEACH AIRPORT.....	2.03+	0.50/1964
WOODLAND HILLS.....	0.92	1.33/1952
CAMARILLO AIRPORT.....	0.38	4.44/1964
SANDBERG.....	0.98	1.15/1952
SANTA MARIA AIRPORT.....	1.44*	0.89/1988
SANTA BARBARA AIRPORT.....	0.65	1.82/1964

AT LONG BEACH AIRPORT...THE DAILY TOTAL OF 2.03 INCHES WAS THE FOURTH MOST FOR ANY DECEMBER DAY. THE RECORD FOR HIGHEST RAINFALL ON ANY DECEMBER DAY WAS 3.17 INCHES...SET ON DECEMBER 4 1974.

DECEMBER 21

	2010 RAIN ----	DAILY RECORD/YEAR -----
DOWNTOWN LOS ANGELES.....	0.89	1.57/1970
LOS ANGELES AIRPORT.....	0.72	1.62/1945
LONG BEACH AIRPORT.....	1.21*	0.58/1970
WOODLAND HILLS.....	0.66	1.40/1970
CAMARILLO AIRPORT.....	0.29	0.70/1970
SANDBERG.....	0.51	0.59/1970
SANTA MARIA AIRPORT.....	0.07	1.16/1970
SANTA BARBARA AIRPORT.....	0.39	2.51/1945

DECEMBER 22

	2010 RAIN ----	DAILY RECORD/YEAR -----
DOWNTOWN LOS ANGELES.....	1.70	2.63/1888
LOS ANGELES AIRPORT.....	1.36	1.86/1945
LONG BEACH AIRPORT.....	1.53*	0.90/1971
WOODLAND HILLS.....	0.87	1.14/1982
CAMARILLO AIRPORT.....	0.65	1.37/1971
SANDBERG.....	1.12	1.84/1971
SANTA MARIA AIRPORT.....	0.72*	0.72/1982
SANTA BARBARA AIRPORT.....	0.80	2.10/1945

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