

PUBLIC INFORMATION STATEMENT
 NATIONAL WEATHER SERVICE LOS ANGELES/OXNARD CA
 600 AM PDT JUL 14 2008

...THE SOUTHWESTERN CALIFORNIA 2007-2008 RAIN SEASON IN REVIEW...

THE FIRST HALF OF THE RAIN SEASON...FROM JULY THROUGH DECEMBER 2007 GENERALLY BROUGHT 40 TO 60 PERCENT OF NORMAL RAINFALL TO SOUTHWESTERN CALIFORNIA. THE EXCEPTION TO THIS WAS ACROSS LOS ANGELES COUNTY...ESPECIALLY SOUTHERN AND EASTERN AREAS...WHERE RAINFALL THROUGH DECEMBER 31 2007 WAS 80 TO 100 PERCENT OF NORMAL THANKS TO WELL ABOVE NORMAL RAINFALL IN SEPTEMBER AND OCTOBER. JANUARY 2008 WAS A VERY WET MONTH ACROSS SOUTHWESTERN CALIFORNIA...WITH MOST LOCATIONS RECEIVING RAINFALL TOTALS THAT WERE 175 TO 250 PERCENT OF NORMAL. A FEW LOCATIONS RECEIVED NEARLY 4 TIMES THE NORMAL RAINFALL IN JANUARY. THAT BROUGHT SEASONAL RAINFALL TO ABOVE NORMAL LEVELS...GENERALLY 120 TO 160 PERCENT ABOVE NORMAL...IN ALL BUT SAN LUIS OBISPO COUNTY WHERE TOTALS WERE CLOSE TO NORMAL. AFTER A DRIER THAN NORMAL FEBRUARY...WITH RAINFALL AVERAGING 30 TO 60 PERCENT OF NORMAL IN MOST LOCATIONS...SEASONAL RAINFALL TO DATE TOTALS WERE GENERALLY NEAR TO SLIGHTLY ABOVE NORMAL...EXCEPT SLIGHTLY BELOW NORMAL ACROSS SAN LUIS OBISPO COUNTY. THE REMAINDER OF THE RAINFALL SEASON WAS INCREDIBLY DRY...WITH MOST LOCATIONS RECEIVING RAINFALL OF AROUND 5 PERCENT OF NORMAL FOR THAT TIME PERIOD. THE EXCEPTION WAS ACROSS THE MOUNTAINS AND DESERTS...WHERE RAINFALL AVERAGED 10 TO AROUND 15 PERCENT OF NORMAL. AS A RESULT...RAINFALL FOR THE 2007-2008 SEASON ENDED UP BELOW NORMAL ACROSS MOST OF SOUTHWESTERN CALIFORNIA...WITH TOTALS GENERALLY 70 TO 85 PERCENT OF NORMAL ON AVERAGE.

IT WAS ONE OF THE DRIEST LATE WINTER/SPRING PERIODS IN THE PAST CENTURY ACROSS SOUTHWESTERN CALIFORNIA. TO ILLUSTRATE THIS...HERE IS A TABLE OF TOTAL RAINFALL DURING THE END OF THE RAIN SEASON (MARCH 1 THROUGH JUNE 30TH)...COMPARED WITH NORMAL RAINFALL DURING THAT TIME...FOR SOME SELECTED LOCATIONS IN SOUTHWESTERN CALIFORNIA PERCENT OF NORMAL RAIN FOR THAT TIME PERIOD HAS ALSO BEEN CALCULATED.

	TOTAL RAIN 3/1/08-6/30/08	NORMAL RAIN 3/1-6/30	PERCENT OF NORMAL
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PASO ROBLES AIRPORT	0.21	3.59	6%
SANTA MARIA	0.23	4.22	5%
SANTA BARBARA	0.22	4.42	5%
JUNCAL DAM	0.41	8.50	5%
CACHUMA LAKE	0.89	8.45	11%
OXNARD	0.12	4.02	3%
CAMARILLO	0.06	4.02	1%
OJAI	0.24	5.96	4%
L.A. AIRPORT	0.17	3.35	5%
L.A. DOWNTOWN	0.16	4.34	4%
LONG BEACH	0.23	3.34	7%

BURBANK	0.13	5.39	2%
WOODLAND HILLS	0.22	4.87	5%
MOUNT WILSON	2.08	11.95	17%
SANDBERG	0.54	3.24	17%
LANCASTER	0.02	1.92	1%
PALMDALE	0.23	1.94	12%

THE FOLLOWING IS A TABLE OF TOTAL RAINFALL FOR THE 2007-2008 SEASON FROM JULY 1ST 2007 THROUGH JUNE 30TH 2008...NORMAL RAINFALL FOR THE SEASON...AND PERCENT OF NORMAL SEASONAL RAIN FOR SOME SELECTED LOCATIONS IN SOUTHWESTERN CALIFORNIA

	TOTAL RAIN 7/1/07-6/30/08	NORMAL RAIN 7/1-6/30	PERCENT OF NORMAL
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PASO ROBLES AIRPORT	8.31	13.08	64%
SANTA MARIA	11.58	14.01	83%
SANTA BARBARA	15.33	16.93	91%
JUNCAL DAM	32.77	31.15	105%
CACHUMA LAKE	22.75	21.86	104%
OXNARD	12.10	15.62	77%
CAMARILLO	10.09	15.62	65%
OJAI	18.50	21.79	85%
L.A. AIRPORT	10.29	13.15	78%
L.A. DOWNTOWN	13.53	15.14	89%
LONG BEACH	11.41	12.94	88%
BURBANK	13.60	17.49	78%
WOODLAND HILLS	14.94	17.79	84%
MOUNT WILSON	26.20	40.37	65%
SANDBERG	9.50	12.60	75%
LANCASTER	5.23	7.40	71%
PALMDALE	5.71	7.36	78%

*****JULY 2007*****

AS IS TYPICAL IN SOUTHWESTERN CALIFORNIA...JULY WAS VERY DRY...WITH MOST AREAS RECEIVING NO MEASURABLE RAIN OR JUST A TRACE OF RAIN. OF THE OFFICIAL REPORTING STATIONS...ONLY LAX AND SANDBERG RECEIVED MEASURABLE RAIN...TOTALING 0.01 INCHES AT EACH LOCATION.

TEMPERATURES IN JULY WERE GENERALLY NEAR NORMAL TO A DEGREE ABOVE NORMAL IN COASTAL AREAS...EXCEPT A DEGREE BELOW NORMAL ON THE SOUTH COAST OF SANTA BARBARA COUNTY. IN THE VALLEYS...TEMPERATURES GENERALLY AVERAGED 1 TO 2 DEGREES ABOVE AVERAGE FOR THE MONTH... WHILE IN THE MOUNTAINS AND DESERTS...AVERAGE TEMPERATURES WERE 2 TO 4 DEGREES ABOVE NORMAL.

ON THE 1ST...GUSTY NORTHWEST TO NORTH WINDS OF 25 TO 35 MPH AFFECTED THE SANTA YNEZ RANGE AND THE ADJACENT SOUTH COAST OF SANTA BARBARA COUNTY. ALTHOUGH LOCAL GUSTS TO 50 MPH WERE REPORTED...NO MAJOR DAMAGE WAS REPORTED.

DUE TO THE COMBINATION OF A PROLONGED PERIOD OF HIGH TEMPERATURES AND VERY LOW RELATIVE HUMIDITIES...RED FLAG WARNINGS WERE IN EFFECT FOR THE MOUNTAINS OF SANTA BARBARA...VENTURA AND SANTA BARBARA COUNTIES...AND THE WESTERN PORTION OF THE ANTELOPE VALLEY FROM THE 3RD THROUGH THE 5TH. THE ZACA FIRE STARTED IN THE MOUNTAINS OF SANTA BARBARA COUNTY ON THE 4TH. THIS FIRE...WHICH WAS NOT FULLY CONTAINED UNTIL SEPTEMBER 4...CHARRED OVER 240000 ACRES...MAKING IT ONE OF THE LARGEST WILDFIRES IN AREA EVER RECORDED ACROSS SOUTHWESTERN CALIFORNIA. THE ESTIMATED COST OF THE FIRE WAS 118 MILLION DOLLARS.

THE HEAT PEAKED ACROSS THE REGION ON THE 4TH AND 5TH. ON THE 4TH...A DAILY RECORD HIGH OF 111 DEGREES WAS REPORTED AT LANCASTER

AIRPORT...WHILE A RECORD HIGH OF 102 DEGREES WAS RECORDED AT SANDBERG. PALMDALE TIED A RECORD WITH 110 DEGREES ON THE 4TH. THE HIGH OF 108 DEGREES AT PASO ROBLES ON THE 4TH FELL SHORT OF THE RECORD. ON THE 5TH...RECORD HIGHS OF 113 DEGREES WERE REPORTED AT PALMDALE AND LANCASTER AIRPORTS...A RECORD HIGH OF 110 DEGREES WAS REPORTED AT PASO ROBLES...WHILE SANDBERG RECORDED ANOTHER RECORD HIGH OF 101 DEGREES. THE HIGH OF 102 DEGREES ON THE 5TH AT SANDBERG AT AN ELEVATION OF ABOUT 4500 FEET WAS JUST ONE DEGREE SHY OF THE ALL TIME RECORD OF 103 DEGREES WHICH WAS SET ON JUNE 28 1994 AND EQUALED ON JULY 28 1995.

.....CLIMATE DATA FOR JULY 2007.....

	AVG HIGH	AVG LOW	AVG MONTH	NORM MONTH	MONTH XTRMS	TOTAL PRECIP	NORM PRECIP	PRECIP % NORM
L.A. DOWNTOWN	83.3	65.2	74.2	74.2	89/62	0.00	0.01	0%
L.A. ARPT	74.9	64.9	69.9	69.3	80/62	0.01	0.03	33%
LONG BEACH ARPT	80.9	66.5	73.7	73.8	92/63	0.00	0.02	0%
UCLA	78.9	63.0	70.9	69.5	85/58	0.00	0.02	0%
BURBANK ARPT	87.5	64.8	76.2	75.5	95/59	0.00	0.02	0%
WOODLAND HILLS	95.7	59.6	77.7	76.0	104/53	0.00	0.01	0%
LANCASTER ARPT	100.5	68.2	84.3	80.8	113/60	0.00	0.10	0%
SANDBERG	88.4	64.7	76.5	73.8	102/55	0.01	0.02	50%
CAMARILLO ARPT	77.2	58.9	68.1	65.9	83/53	0.00	0.02	0%
SANTA BARBARA ARPT	74.6	57.1	65.9	67.0	84/52	0.00	0.03	0%
SANTA MARIA ARPT	73.5	54.4	63.9	63.5	80/50	0.00	0.03	0%
PASO ROBLES ARPT	93.8	55.0	74.4	73.8	110/49	0.00	0.01	0%

*****AUGUST 2007*****

ALTHOUGH MOST OF THE REGION HAD NO MEASURABLE RAINFALL AGAIN IN AUGUST...A FEW LOCATIONS REPORTED LIGHT AMOUNTS OF MEASURABLE RAIN. ACROSS SAN LUIS OBISPO COUNTY...RAINFALL WAS ACTUALLY ABOVE NORMAL FOR THE MONTH AT PASO ROBLES...WHERE 0.15 INCHES WAS REPORTED...ALL OF IT FALLING ON THE 30TH.

AVERAGE TEMPERATURES FOR THE MONTH OF AUGUST WERE GENERALLY NEAR NORMAL TO 2 DEGREES ABOVE NORMAL...EXCEPT 2 TO 4 DEGREES ABOVE NORMAL IN THE ANTELOPE VALLEY AND THE MOUNTAINS. ONCE AGAIN... TEMPERATURES ON THE SOUTH COAST OF SANTA BARBARA COUNTY WERE

AROUND 2 DEGREES BELOW NORMAL FOR THE MONTH.

ON THE 5TH...SANTA MARIA RECEIVED 0.01 INCHES OF RAIN ON THE 5TH...DUE TO A DEEP MARINE LAYER. BELIEVE IT OR NOT...THAT TIED THE RECORD RAINFALL FOR THE DATE WHICH WAS ESTABLISHED IN 1973.

ON THE 18TH...A RECORD HIGH TEMPERATURE OF 85 DEGREES WAS SET AT CAMARILLO AIRPORT...WHILE ON THE 20TH A RECORD HIGH OF 82 DEGREES WAS SET AT SANTA MARIA AIRPORT.

THE MOST SIGNIFICANT RAIN OCCURRED AT THE END OF THE MONTH...WHEN A SUBTROPICAL FLOW PATTERN SET UP ACROSS THE REGION. ON THE 25TH AND 26TH...THE REMNANTS OF FORMER HURRICANE DEAN DRIFTED NORTHWESTWARD FROM BAJA INTO THE CALIFORNIA BIGHT. THIS BROUGHT ISOLATED SHOWERS AND THUNDERSTORMS INTO THE COASTAL WATERS ON THE 26TH. THESE SHOWERS MOSTLY DISSIPATED BEFORE REACHING SHORE...BUT LIGHTNING STRIKES WERE REPORTED IN THE SAN GABRIEL MOUNTAIN AND ACROSS THE OFFSHORE WATERS ON THE 26TH. SEVERAL LOCATIONS REPORTED A TRACE OF RAIN ON BOTH THE 25TH AND 26TH...AND A COUPLE OF LOCATIONS IN THE ANTELOPE VALLEY RECEIVED AS MUCH AS 0.04 INCHES OF RAIN ON THE 26TH.

ON THE 30TH AND 31ST...VERY HOT WEATHER RETURNED TO MUCH OF THE REGION...AND THERE WERE ISOLATED SHOWERS AND THUNDERSTORMS AS WELL. ON THE 30TH...PASO ROBLES RECEIVED 0.15 INCHES OF RAIN...BREAKING THE OLD RECORD FOR THE DAY WHICH WAS A TRACE...SET IN 1964. ALSO ON THE 30TH...LONG BEACH RECEIVED 0.06 INCHES OF RAIN...BREAKING ITS OLD RECORD OF A TRACE SET IN 1972. THAT RAINFALL BROUGHT THE MONTHLY RAINFALL IN LONG BEACH TO 60 PERCENT OF NORMAL FOR THE MONTH OF AUGUST.

DAILY RECORD MAXIMUM TEMPERATURES WERE SET AT SANDBERG ON THE 29TH...WHEN THE HIGH OF 97 DEGREES BROKE THE OLD RECORD OF 96 SET IN 1998...AND AT BURBANK AIRPORT ON THE 31ST...WHEN THE HIGH TEMPERATURE OF 106 DEGREES...TIED THE OLD RECORD SET IN 1967.

ON THE 29TH...THE LOW TEMPERATURE AT BURBANK AIRPORT WAS 71 DEGREES...WHICH BROKE THE RECORD FOR THE HIGHEST MINIMUM TEMPERATURE FOR THE DATE...WHICH HAD BEEN 69 DEGREES IN 1984. ON THE 30TH...THE LOW TEMPERATURE AT PASO ROBLES WAS 67 DEGREES...BREAKING THE RECORD FOR THE HIGHEST MINIMUM TEMPERATURE FOR THE DATE...WHICH HAD BEEN 63 DEGREES SET IN 1998.

ON THE 31ST...MANY RECORDS FOR HIGHEST MINIMUM TEMPERATURES WERE SET OR TIED ACROSS THE REGION. THE RECORDS ARE AS FOLLOWS:

BURBANK.....75 DEGREES....OLD RECORD 74 DEGREES IN 1998.
WOODLAND HILLS...70 DEGREES....OLD RECORD 69 DEGREES IN 1998.
LANCASTER.....70 DEGREES....OLD RECORD 70 DEGREES IN 2003. (TIE)
SANDBERG.....76 DEGREES....OLD RECORD 76 DEGREES IN 1996. (TIE)
SANTA MARIA.....61 DEGREES....OLD RECORD 60 DEGREES IN 1983.
PASO ROBLES.....67 DEGREES....OLD RECORD 64 DEGREES IN 1972.
SAN LUIS OBISPO..60 DEGREES....OLD RECORD 60 DEGREES IN 1977.

.....CLIMATE DATA FOR AUGUST 2007.....

	AVG	AVG	AVG	NORM	MONTH	TOTAL	NORM	PRECIP
	HIGH	LOW	MONTH	MONTH	XTRMS	PRECIP	PRECIP	% NORM

L.A. DOWNTOWN	85.1	65.9	75.5	75.2	96/63	0.00	0.13	0%
L.A. ARPT	76.5	66.2	71.3	70.7	84/63	0.00	0.14	0%
LONG BEACH ARPT	84.8	66.9	75.9	75.1	96/63	0.06	0.10	60%
UCLA	80.8	63.9	72.4	70.7	91/60	0.00	0.16	0%
BURBANK ARPT	90.2	65.7	77.9	76.2	106/60	0.00	0.18	0%
WOODLAND HILLS	96.8	60.3	78.5	76.8	109/53	0.00	0.15	0%
LANCASTER ARPT	99.3	66.4	82.8	79.5	106/56	0.02	0.14	14%
SANDBERG	87.8	65.2	76.5	73.8	97/51	0.00	0.09	0%
CAMARILLO ARPT	78.9	59.9	69.4	67.0	85/54	0.00	0.07	0%
SANTA BARBARA ARPT	74.6	57.2	65.9	68.6	81/51	0.00	0.11	0%
SANTA MARIA ARPT	74.3	54.9	64.6	64.2	82/47	0.02	0.05	40%
PASO ROBLES ARPT	93.6	55.6	74.6	73.7	108/49	0.15	0.06	250%

*****SEPTEMBER 2007*****

RAINFALL FOR THE MONTH OF SEPTEMBER WAS GENERALLY 150 TO 200 PERCENT OF NORMAL ACROSS LOS ANGELES AND VENTURA COUNTIES...AND GENERALLY 50 TO 100 PERCENT OF NORMAL ACROSS SANTA BARBARA COUNTY...AND NEAR ZERO ACROSS SAN LUIS OBISPO COUNTY.

AVERAGE TEMPERATURES FOR THE MONTH OF SEPTEMBER WERE GENERALLY 1 TO 3 DEGREES BELOW NORMAL ACROSS SOUTHWESTERN CALIFORNIA...EXCEPT OVER 4 DEGREES BELOW NORMAL IN THE MOUNTAINS AND ACROSS THE SOUTH COAST OF SANTA BARBARA COUNTY. NEAR NORMAL TEMPERATURES WERE REPORTED ON THE CENTRAL COAST AND IN COASTAL VENTURA COUNTY

MONSOONAL THUNDERSTORMS DEVELOPED ACROSS THE MOUNTAINS AND DESERTS FROM THE 1ST THROUGH THE 3RD. THESE THUNDERSTORMS PROMPTED THE ISSUANCE OF FLASH FLOOD WARNINGS FOR THESE AREAS. ON THE 1ST... FLASH FLOODING WAS REPORTED IN PALMDALE AND A TORNADO WAS SPOTTED BY A PILOT SOUTHEAST OF LANCASTER. SOME POWER POLES AND TREES WERE KNOCKED DOWN IN THE ANTELOPE VALLEY. ON THE 2ND...FLASH FLOODING WAS REPORTED BETWEEN THE MOUNTAIN HIGH SKI RESORT AND WRIGHTWOOD.

THE INTENSE HEAT WHICH DEVELOPED ACROSS THE REGION AT THE END OF AUGUST CONTINUED THROUGH THE FIRST FEW DAYS OF SEPTEMBER. EXCESSIVE HEAT WARNINGS WERE IN EFFECT FOR MUCH OF THE REGION FROM THE 1ST THROUGH THE 3RD. TEMPERATURES RAN 10 TO 15 DEGREES ABOVE NORMAL DURING THIS PERIOD. DURING THIS TIME...18 DEATHS DUE TO THE HEAT WERE REPORTED IN LOS ANGELES COUNTY. SURPRISINGLY...THE NUMBER OF DEATH DURING THIS PERIOD WAS FAR GREATER THAN THAT WHICH OCCURRED DURING THE MORE SEVERE AND PERVASIVE HEAT WAVE IN JULY 2006.

ON THE 1ST...A RECORD HIGH MINIMUM TEMPERATURE OF 77 DEGREES AT BURBANK AIRPORT TIED THE RECORD SET IN 1955.

ON THE 2ND...THE LOW TEMPERATURE OF 78 DEGREES AT BURBANK BROKE THE RECORD OF 76 DEGREES SET IN 1955. THE HIGH TEMPERATURE OF 94 DEGREES AT CAMARILLO AIRPORT BROKE THE OLD RECORD OF 93 DEGREES SET IN 1955.

ALSO ON THE 2ND...NON-RECORD HIGH TEMPERATURES INCLUDED 112 DEGREES AT WOODLAND HILLS...110 DEGREES AT VAN NUYS...107 DEGREES AT BURBANK AND LANCASTER...106 DEGREES AT PASO ROBLES...105 AT SAN LUIS OBISPO

AIRPORT...AND 101 DEGREES AT DOWNTOWN LOS ANGELES.

ON THE 3RD...RECORD HIGH MINIMUM TEMPERATURES WERE SET AT MANY LOCATIONS INCLUDING BURBANK WITH A LOW OF JUST 80 DEGREES...DOWNTOWN LOS ANGELES AT 76 DEGREES...AND WOODLAND HILLS AT 72 DEGREES.

ON THE 3RD...THE HIGH TEMPERATURE OF 103 DEGREES AT LONG BEACH AIRPORT TIED THE RECORD SET IN 1988.

COOL WEATHER SPREAD INTO THE REGION AFTER THE MIDDLE OF THE MONTH.

ON THE 19TH...NEW RECORD LOW MAXIMUM TEMPERATURES WERE SET AT BURBANK...WHERE THE HIGH WAS JUST 70 DEGREES...BREAKING THE OLD RECORD OF 72 DEGREES SET IN 1989 AND AT PASO ROBLES...WHERE THE HIGH OF 66 DEGREES BROKE THE OLD RECORD OF 70 DEGREES SET IN 1999.

ON THE 20TH...THE LOW TEMPERATURE OF 44 DEGREES AT SANTA BARBARA AIRPORT BROKE THE OLD RECORD OF 45 DEGREES SET IN 1985.

AN UPPER LEVEL CUTOFF LOW AFFECTED THE REGION FROM THE 20TH THROUGH THE 22ND. THE CENTER OF THE UPPER LOW DROPPED SOUTHWEST TO ABOUT 100 MILES WEST OF THE CHANNEL ISLANDS ON THE 21ST...THEN MOVED ONSHORE DURING THE MORNING OF THE 22ND. MOST AREAS OF LOS ANGELES COUNTY RECEIVED ONE QUARTER TO ONE INCH OF RAINFALL WITH LOCALLY HIGHER AMOUNTS. RAINFALL RATES REACHED 0.70 INCHES IN 20 MINUTES.

ONE BAND OF SHOWERS MOVED ONSHORE ACROSS SANTA BARBARA COUNTY DURING THE EVENING OF THE 21ST. THIS BAND WEAKENED...BUT A SECOND STRONG BAND OF SHOWERS AND THUNDERSTORMS DEVELOPED NEAR CATALINA ISLAND AND MOVED ACROSS LOS ANGELES COUNTY LATE THAT EVENING. FLASH FLOOD WARNINGS WERE ISSUED FOR THE ISLAND AND GRIFFITH PARK BURN AREAS. SOME EVACUATIONS TOOK PLACE NEAR THE ISLAND BURN AREA..AND FLASH FLOODING WAS REPORTED NEAR BOTH BURN AREAS.

MANY RAINFALL RECORDS WERE SET ON FRIDAY THE 21ST INCLUDING:

BURBANK AIRPORT.....	0.29 INCHES...OLD RECORD	0.06 INCHES	IN 1983.
LAX.....	0.24 INCHES...OLD RECORD	0.01 INCHES	IN 2005.
LANCASTER.....	0.03 INCHES...OLD RECORD	TRACE	IN 1999.
SANDBERG.....	0.12 INCHES...OLD RECORD	0.01 INCHES	IN 2000.
CAMARILLO.....	0.14 INCHES...OLD RECORD	0.13 INCHES	IN 1999.
OXNARD (WFO).....	0.16 INCHES...OLD RECORD	0.13 INCHES	IN 1999.
SANTA BARBARA ARPT..	0.19 INCHES...OLD RECORD	0.04 INCHES	IN 2000.

SHOWERS AND THUNDERSTORMS CONTINUED TO DEVELOP OVERNIGHT ACROSS LOS ANGELES COUNTY...AND CONTINUED THROUGH THE AFTERNOON HOURS SATURDAY THE 22ND...WITH VERY HEAVY RAINFALL AT TIMES. THE MOST SIGNIFICANT FLOODING INCIDENT WAS WHEN RAIN...FALLING AT RATES OF 0.36 INCHES IN JUST 9 MINUTES...CAUSED THE OVERFLOW OF A CATCH BASIN FROM A DEBRIS FLOW OFF THE BARHAM FIRE WHICH CREATED A 2 FOOT LAYER OF MUD ACROSS FOREST LAWN DRIVE AND AT OAKWOOD APARTMENTS IN UNIVERSAL CITY. A DOZEN PARKED CARS WERE BURIED BY THE MUD AND DEBRIS. HEAVY RAIN ALSO RESULTED IN A DEBRIS FLOW NEAR THE STOUGH NATURE CENTER NEAR THE HARVARD BURN AREA IN BURBANK. THERE WERE NEARLY 130000 POWER OUTAGES REPORTED BY SOUTHERN CALIFORNIA EDISON FROM FRIDAY NIGHT THROUGH SUNDAY.

MANY MORE RAINFALL RECORDS WERE SET ON SEPTEMBER 22ND INCLUDING:

L.A. DOWNTOWN.....0.40 INCHES...OLD RECORD 0.10 INCHES IN 1923.
 BURBANK AIRPORT.....0.69 INCHES...OLD RECORD 0.00 INCHES.
 LAX.....0.25 INCHES...OLD RECORD 0.03 INCHES IN 2000.
 LONG BEACH.....0.33 INCHES...OLD RECORD 0.00 INCHES.
 LANCASTER.....0.17 INCHES...OLD RECORD TRACE IN 1987.
 PALMDALE.....0.20 INCHES...OLD RECORD 0.00 INCHES.
 SANDBERG.....0.51 INCHES...OLD RECORD 0.03 INCHES IN 2000.
 OXNARD (WFO).....0.29 INCHES...OLD RECORD 0.13 INCHES IN 2000.
 SANTA BARBARA ARPT..0.01 INCHES...OLD RECORD 0.01 INCHES IN 1990 (TIE)

.....CLIMATE DATA FOR SEPTEMBER 2007.....

	AVG HIGH	AVG LOW	AVG MONTH	NORM MONTH	MONTH XTRMS	TOTAL PRECIP	NORM PRECIP	PRECIP % NORM
L.A. DOWNTOWN	81.2	62.4	71.8	74.0	101/55	0.52	0.32	163%
L.A. ARPT	74.0	62.6	68.3	70.1	91/57	0.49	0.26	188%
LONG BEACH ARPT	80.9	62.8	71.8	73.4	103/58	0.46	0.24	192%
UCLA	77.2	60.8	69.0	70.2	96/54	0.16	0.32	50%
BURBANK ARPT	83.3	60.7	72.0	73.5	107/51	0.98	0.30	327%
WOODLAND HILLS	87.7	54.4	71.1	73.5	112/44	0.19	0.24	79%
LANCASTER ARPT	87.5	55.2	71.4	72.6	107/40	0.20	0.20	100%
SANDBERG	74.9	55.4	65.2	69.3	95/39	0.64	0.25	256%
CAMARILLO ARPT	77.3	56.0	66.6	66.3	94/51	0.20	0.36	56%
SANTA BARBARA ARPT	73.5	52.0	62.8	67.4	88/44	0.21	0.42	50%
SANTA MARIA ARPT	75.9	52.7	64.3	63.9	89/47	0.01	0.31	3%
PASO ROBLES ARPT	84.3	50.3	67.3	70.0	106/40	0.00	0.36	0%

*****OCTOBER 2007*****

RAINFALL FOR THE MONTH OF OCTOBER WAS GENERALLY 50 TO 80 PERCENT OF NORMAL ACROSS SOUTHWESTERN CALIFORNIA...EXCEPT ACROSS COASTAL SECTIONS OF LOS ANGELES COUNTY...WHERE RAINFALL TOTALS FOR THE MONTH WERE 150 TO 250 PERCENT OF NORMAL...AND IN THE MOUNTAINS AND DESERTS WHERE RAINFALL TOTALED 0 TO 30% OF NORMAL.

AVERAGE TEMPERATURES FOR THE MONTH OF OCTOBER WERE GENERALLY NEAR NORMAL TO 2 DEGREES BELOW NORMAL ACROSS SOUTHWESTERN CALIFORNIA.

ONLY ONE RAIN EVENT AFFECTED THE REGION DURING THE MONTH...ON THE 12TH INTO THE 13TH. THIS SYSTEM GENERALLY PRODUCED RAINFALL TOTALS OF ONE TENTH TO ONE HALF INCH OF RAIN TO THE REGION...EXCEPT BETWEEN ONE HALF INCH AND ONE INCH ACROSS COASTAL SECTIONS OF LOS ANGELES COUNTY. THE RAIN MAY HAVE BEEN RESPONSIBLE FOR AN ACCIDENT INVOLVING 24 TRUCKS AND 3 CARS ON INTERSTATE 5 NEAR SANTA CLARITA...KILLING 3 PEOPLE...AND FORCING THE COMPLETE CLOSURE OF A PORTION OF THE FREEWAY FOR THREE DAYS.

ON THE 16TH...STRONG WEST TO NORTHWEST WINDS AFFECTED THE ANTELOPE VALLEY...ESPECIALLY THE WESTERN PORTION. WIND GUSTS OF NEAR 60 MPH CAUSED BLOWING DUST AND SAND WHICH REDUCED VISIBILITIES TO NEAR ZERO. THE LOW VISIBILITIES WERE LIKELY RESPONSIBLE FOR A MULTI-VEHICLE ACCIDENT ON HIGHWAY 14 INVOLVING 31 VEHICLES...AT LEAST 8 OF WHICH

WERE BIG RIGS. TWO PEOPLE WERE KILLED AND 16 OTHERS WERE INJURED IN THE ACCIDENT.

THE FIRST MAJOR SANTA ANA OF THE SEASON BEGAN ON SATURDAY OCTOBER 20TH...AND PERSISTED THROUGH THE 24TH. WIND GUSTS REACHED 108 MPH AT WHITAKER PEAK NEAR LAKE CASTAIC ON THE 20TH...AND 111 MPH AT LAGUNA PEAK JUST ABOVE POINT MUGU NAVAL BASE. OTHER PEAK WIND GUSTS INCLUDED 86 MPH AT CAMP NINE...82 MPH AT WILEY RIDGE...80 MPH AT WARM SPRINGS...79 MPH AT MONTECITO HILLS...78 MPH AT NEWHALL PASS...69 MPH AT POINT MUGU...60 MPH AT LEO CARRILLO BEACH AND 56 MPH AT CAMARILLO. SEVERAL FIRES BROKE OUT DURING THIS SANTA ANA WIND EVENT.

THE RANCH FIRE IN CASTAIC BEGAN AT 942 PM ON OCTOBER 20TH. IT BURNED 58396 ACRES BEFORE IT WAS CONTAINED ON THE 26TH. IT DESTROYED 1 HOME AND 8 STRUCTURES.

THE CANYON FIRE IN MALIBU BEGAN AT 450 AM ON OCTOBER 21ST. IT BURNED 4565 ACRES...DESTROYED 6 HOMES...A CHURCH AND A COMMERCIAL TRAILER...WITH 14 HOMES AND BUSINESS DAMAGED. THREE FIREFIGHTERS WERE INJURED BATTLING THE BLAZE.

THE PORTER RANCH FIRE NEAR CHATSWORTH BEGAN AT 550 AM ON THE 21ST. IT BURNED JUST 20 ACRES BEFORE IT WAS CONTAINED LATER THAT DAY AND CAUSED NO DAMAGE.

THE SEDGEWICK FIRE IN THE FOOTHILLS ABOVE THE SANTA YNEZ VALLEY BEGAN AT 600 AM ON THE 21ST. IT BURNED 710 ACRES...BUT NO DAMAGE WAS REPORTED.

THE OCTOBER FIRE IN SANTA CLARITA BEGAN AT 947 AM ON THE 21ST. IT BURNED 20 ACRES BEFORE IT WAS CONTAINED LATER THAT DAY AND CAUSED NO DAMAGE.

THE BUCKWEED FIRE IN AGUA DULCE BEGAN AT 1255 PM ON THE 21ST. IT BURNED 38356 ACRES AND DESTROYED 15 HOMES AND 17 STRUCTURES. THE FIRE CAUSED INJURIES TO THREE CIVILIANS AND ONE FIREFIGHTER.

THE MAGIC FIRE IN STEVENSON RANCH BEGAN AT 217 PM ON THE 22ND. IT BURNED 2824 ACRES...BUT CAUSED NO DAMAGE OR INJURIES.

THE MEADOW RIDGE FIRE IN THE NEWHALL PASS BEGAN AT 400 AM ON THE 23RD. IT BURNED JUST 12 ACRES AND CAUSED NO DAMAGE.

THE "Y" FIRE IN ACTON BEGAN AT 243 PM ON THE 23RD. IT BURNED 20 ACRES AND CAUSE NO DAMAGE OR INJURIES.

MANY ADDITIONAL FIRES OCCURRED SOUTH OF LOS ANGELES COUNTY DURING THIS TIME...WITH DEVASTATING CONSEQUENCES...AND MANY HOMES LOST.

.....CLIMATE DATA FOR OCTOBER 2007.....

	AVG HIGH	AVG LOW	AVG MONTH	NORM MONTH	MONTH XTRMS	TOTAL PRECIP	NORM PRECIP	PRECIP % NORM
L.A. DOWNTOWN	78.9	58.0	68.5	69.5	95/53	0.95	0.37	257%

L.A. ARPT	73.9	58.6	66.3	66.9	94/54	0.69	0.36	192%
LONG BEACH ARPT	78.8	57.9	68.3	68.6	98/53	0.56	0.40	140%
UCLA	78.2	59.2	68.7	67.1	96/52	1.13	0.57	198%
BURBANK ARPT	79.3	55.6	67.5	67.6	93/48	0.49	0.55	89%
WOODLAND HILLS	83.2	50.8	67.0	66.8	95/42	0.42	0.62	68%
LANCASTER ARPT	77.1	45.5	61.3	61.8	88/36	0.18	0.30	60%
SANDBERG	66.8	48.3	57.5	59.9	80/36	0.21	0.32	66%
CAMARILLO ARPT	76.4	52.8	64.6	63.7	99/45	0.11	0.36	31%
SANTA BARBARA ARPT	73.9	47.6	60.8	63.5	93/41	0.31	0.52	60%
SANTA MARIA ARPT	73.8	49.5	61.6	61.1	93/41	0.57	0.45	127%
PASO ROBLES ARPT	76.6	44.1	60.3	62.5	95/34	0.45	0.51	88%

*****NOVEMBER 2007*****

RAINFALL FOR THE MONTH OF NOVEMBER WAS QUITE LOW ACROSS MUCH OF SOUTHWESTERN CALIFORNIA...GENERALLY LESS THAN 15 PERCENT OF NORMAL ACROSS SAN LUIS OBISPO...SANTA BARBARA AND VENTURA COUNTIES. AS IN SEPTEMBER...PORTIONS OF LOS ANGELES COUNTY RECEIVED MORE RAIN... GENERALLY AVERAGING 50 TO 70 PERCENT OF NORMAL...WITH A FEW LOCATIONS RECEIVING NEAR NORMAL RAINFALL FOR THE MONTH.

AVERAGE TEMPERATURES FOR THE MONTH WERE GENERALLY NEAR NORMAL TO 2 DEGREES ABOVE NORMAL ACROSS SOUTHWESTERN CALIFORNIA...EXCEPT 4 TO 6 DEGREES ABOVE NORMAL IN THE MOUNTAINS AND THE ANTELOPE VALLEY...AND 2 DEGREES BELOW NORMAL FOR THE MONTH IN SOUTHERN SANTA BARBARA COUNTY.

GUSTY NORTH TO NORTHEAST WINDS AFFECTED MAINLY THE MOUNTAINS AND VALLEYS OF LOS ANGELES AND VENTURA COUNTIES ON THE 2ND AND 3RD. PEAK WIND GUSTS WERE GENERALLY BETWEEN 35 AND 50 MPH.

A WEAK FRONTAL SYSTEM MOVED THROUGH THE AREA ON THE 11TH. MEASURABLE RAINFALL GENERALLY STAYED NORTH AND WEST OF LOS ANGELES COUNTY. IN GENERAL...RAINFALL TOTALS WERE ONE QUARTER OF AN INCH OR LESS ACROSS THE REGION. BEHIND THE FRONT...GUSTY NORTH TO NORTHEAST WINDS AFFECTED THE AREA ON THE 12TH...WITH GUSTS REACHING 62 MPH AT MALIBU HILLS AND CAMP NINE...58 MPH AT WHITAKER PEAK...48 MPH AT NEWHALL PASS...38 MPH AT LEO CARRILLO BEACH.

ON THE 23RD AND 24TH...ANOTHER SANTA ANA WIND EVENT AFFECTED THE REGION. PEAK WIND GUSTS INCLUDED 63 MPH AT WARM SPRINGS...59 MPH AT MALIBU HILLS AND 45 MPH AT BEVERLY HILLS. DURING THIS WIND EVENT...THE CORRAL FIRE BROKE OUT AT 323 AM ON THE 24TH...WITH AT LEAST 20 HOMES DESTROYED BY DAYBREAK. BY THE TIME IT WAS FINALLY CONTAINED...IT HAD BURNED 4901 ACRES AND DESTROYED 53 HOMES. IN ADDITION...33 HOMES...17 OUTBUILDINGS AND 37 AUTOMOBILES WERE DAMAGED. UP TO 15000 PEOPLE WERE EVACUATED BETWEEN KANAN DUME ROAD AND CORRAL CANYON ROAD...SOUTH OF MULHOLLAND HIGHWAY TO THE COAST. PACIFIC COAST HIGHWAY WAS CLOSED UNTIL THE 25TH. DURING THIS FIRE...7 FIREFIGHTERS WERE INJURED.

ON THE 28TH...A SHORT-LIVED SANTA ANA AFFECTING SOUTHWESTERN CALIFORNIA...BRINGING PEAK WIND GUSTS OF 74 MPH AT LAGUNA PEAK...67 MPH AT WILEY RIDGE...51 MPH AT NEWHALL PASS...47 MPH AT MALIBU HILLS...44 MPH AT SIMI VALLEY AND 43 MPH AT CAMARILLO.

THE ONLY MAJOR RAIN EVENT TO AFFECT SOUTHWESTERN CALIFORNIA IN NOVEMBER ARRIVED ON THE 30TH...AND IT AFFECTED MAINLY LOS ANGELES COUNTY. AN UPPER LOW OFF THE COAST OF BAJA CALIFORNIA MOVED NORTHEASTWARD ACROSS EXTREME SOUTHERN CALIFORNIA ON THE 30TH. THIS STORM SYSTEM SPREAD RAIN INTO VENTURA AND LOS ANGELES COUNTY ON THE 30TH...WHICH LINGERED INTO THE EARLY MORNING HOURS OF DECEMBER 1ST. THE SWATH OF HEAVIEST RAINS REMAINED SOUTH AND EAST OF LOS ANGELES COUNTY...ALTHOUGH SOME MODERATE RAINFALL TOTALS WERE REPORTED IN LOS ANGELES COUNTRY. RAINFALL TOTALS ACROSS SAN LUIS OBISPO AND SANTA BARBARA RANGED FROM ZERO TO A FEW HUNDREDTHS OF AN INCH. ACROSS VENTURA COUNTY...RAINFALL GENERALLY AVERAGED ONE TENTH TO ONE THIRD OF AN INCH...WITH LOCAL TOTALS OVER ONE HALF INCH. ACROSS LOS ANGELES COUNTY...RAINFALL GENERALLY RANGED FROM ONE HALF INCH TO ONE INCH...EXCEPT BETWEEN ONE AND TWO INCHES IN THE EASTERN SAN GABRIEL MOUNTAINS AND VALLEY.

.....CLIMATE DATA FOR NOVEMBER 2007.....

	AVG HIGH	AVG LOW	AVG MONTH	NORM MONTH	MONTH XTRMS	TOTAL PRECIP	NORM PRECIP	PRECIP % NORM
L.A. DOWNTOWN	71.1	54.0	62.5	62.9	88/48	0.56	1.05	53%
L.A. ARPT	67.6	55.4	61.5	61.6	87/49	0.50	1.13	44%
LONG BEACH ARPT	71.4	54.0	62.7	61.8	91/45	0.91	1.12	81%
UCLA	71.2	54.3	62.8	62.3	89/48	0.57	1.35	42%
BURBANK ARPT	72.6	50.3	61.4	59.5	88/44	0.61	1.05	58%
WOODLAND HILLS	77.2	44.9	61.0	58.2	90/35	0.62	1.29	48%
LANCASTER ARPT	73.1	36.0	54.6	50.0	84/21	0.50	0.50	100%
SANDBERG	63.7	47.4	55.6	49.2	75/29	0.11	0.82	13%
CAMARILLO ARPT	69.5	48.1	58.8	59.3	93/39	0.07	1.37	5%
SANTA BARBARA ARPT	65.5	44.1	54.8	57.5	84/34	TRACE	1.32	0%
SANTA MARIA ARPT	70.7	44.5	57.6	55.5	88/34	0.03	1.24	2%
PASO ROBLES ARPT	72.2	37.6	54.9	52.7	87/25	TRACE	1.12	0%

*****DECEMBER 2007*****

RAINFALL FOR THE MONTH OF DECEMBER GENERALLY AVERAGED 60 TO 100 PERCENT OF NORMAL ACROSS SOUTHWESTERN CALIFORNIA...EXCEPT 30 TO 50 PERCENT OF NORMAL IN THE LOS ANGELES COUNTY VALLEYS...AND 10 TO 15 PERCENT OF NORMAL IN ANTELOPE VALLEY.

AVERAGE TEMPERATURES FOR THE MONTH WERE GENERALLY 2 TO 4 DEGREES BELOW NORMAL ACROSS MOST OF SOUTHWESTERN CALIFORNIA...EXCEPT LESS THAN 1 DEGREE BELOW NORMAL IN THE ANTELOPE VALLEY AND ON THE CENTRAL COAST.

STRONG NORTHWEST TO NORTH WINDS DEVELOPED ACROSS THE AREA DURING THE AFTERNOON OF THE 4TH...AND CONTINUED THROUGH THE EARLY MORNING HOURS OF THE 5TH. THE WINDS WERE STRONGEST IN THE MOUNTAINS OF LOS ANGELES AND VENTURA COUNTY...PARTICULARLY NEAR THE INTERSTATE 5 CORRIDOR...AND IN THE SANTA MONICA MOUNTAINS...AND WERE ALSO FAIRLY STRONG IN THE SANTA YNEZ RANGE IN SANTA BARBARA COUNTY. PEAK WIND GUSTS INCLUDED 90 MPH AT WHITAKER PEAK...60 MPH AT MALIBU HILLS...56 MPH AT MONTECITO HILLS AND 54 MPH AT CAMP NINE.

A VERY LARGE SWELL GENERATED BY A STRONG STORM SYSTEM IN THE PACIFIC AFFECTED THE COASTAL WATERS ON THE 4TH THROUGH THE 6TH...AND PRODUCED HIGH SURF AND LOCAL COASTAL FLOODING ALONG THE COAST. SEAS OF 20 TO 25 FEET AFFECTED THE OUTER WATERS...WITH 10 TO 15 FOOT SEAS ACROSS THE INNER WATERS. THE PEAK OF THE SURF OCCURRED ON THE 5TH...WITH SURF HEIGHTS OF 16 TO 22 FEET ALONG THE CENTRAL COAST AND 8 TO 15 FEET ON WEST FACING BEACHES FROM SOUTHEASTERN SANTA BARBARA COUNTY THROUGH LOS ANGELES COUNTY. PARKING LOTS WERE FLOODED AT GOLETA AND SILVERSTRAND BEACHES NEAR THE TIME OF HIGH TIDE ON THE MORNING OF THE 5TH.

A STORM SYSTEM BROUGHT THE FIRST RAINS OF THE MONTH ON THE 6TH AND 7TH. THE FRONTAL SYSTEM ASSOCIATED WITH A COLD UPPER LOW WHICH TRACKED SOUTHEASTWARD FROM THE GULF OF ALASKA BROUGHT A 4 TO 7 HOUR PERIOD OF MODERATE RAIN TO THE REGION. RAINFALL TOTALS WERE QUITE VARIABLE ACROSS SOUTHWESTERN CALIFORNIA...BUT GENERALLY AVERAGED ONE THIRD OF AN INCH TO ONE INCH IN MOST AREAS...EXCEPT BETWEEN ONE AND TWO INCHES IN THE MOUNTAINS OF LOS ANGELES COUNTY. GUSTY SOUTH TO SOUTHWEST WINDS DEVELOPED AHEAD OF THE FRONT LATE ON THE 6TH...WITH STRONG WEST WINDS BEHIND THE FRONT. PEAK WIND GUSTS INCLUDED 74 MPH AT LAKE PALMDALE...63 MPH AT CAMP NINE...58 MPH AT POPPY PARK AND MILL CREEK...AND 51 MPH IN THE CUYAMA VALLEY.

AN UPPER LEVEL LOW DROPPED SOUTHWESTWARD ACROSS NEVADA ON THE 8TH. MOIST FLOW WRAPPING AROUND THIS LOW CAUSED SHOWERS TO INCREASE ACROSS SOUTHWESTERN CALIFORNIA DURING THE AFTERNOON AND EVENING HOURS ON THE 8TH...WITH SHOWERS LINGERING INTO THE 9TH. ADDITIONAL RAINFALL WAS ON THE LIGHT SIDE...GENERALLY ONE QUARTER INCH OR LESS. IN THE MOUNTAINS...PRECIPITATION TOTALS WERE SOMEWHAT HIGHER. IN ADDITION...SNOW LEVELS WERE QUITE LOW...DOWN BELOW 3000 FEET...AND ACCUMULATING SNOW AFFECTED THE FOOTHILLS ABOVE THE ANTELOPE VALLEY. SNOWFALL IN THE MOUNTAINS OF LOS ANGELES AND VENTURA COUNTIES AVERAGED 3 TO 8 INCHES...WITH A FEW INCHES OF SNOW IN THE FOOTHILLS ABOVE THE ANTELOPE VALLEY.

A COUPLE OF FAST MOVING COLD FRONTS BROUGHT MODERATE TO LOCALLY HEAVY AMOUNTS OF RAIN AND MOUNTAINS SNOWS TO SOUTHWESTERN CALIFORNIA ON THE 17TH AND 18TH. THE FIRST FRONTAL SYSTEM WEAKENED QUICKLY AS IT MOVED ACROSS THE AREA LATE ON THE 17TH INTO THE MORNING OF THE 18TH. THE SECOND FRONTAL SYSTEM...WHICH WAS STRONGER AND WETTER...AFFECT THE REGION INTO THE 19TH. RAINFALL TOTALS FROM THE 17TH THROUGH THE 19TH AVERAGED THREE QUARTERS OF AN INCH TO TWO INCHES ACROSS MUCH OF LOS ANGELES COUNTY...WITH TWO TO FOUR INCHES IN THE FOOTHILLS AND MOUNTAINS. ACROSS VENTURA...SANTA BARBARA...AND SAN LUIS OBISPO COUNTIES...RAINFALL GENERALLY TOTALED ONE TO THREE INCHES IN COASTAL AND VALLEY AREAS...AND THREE TO FIVE INCHES IN THE FOOTHILLS AND MOUNTAINS. THE HIGHEST TOTALS FOR THAT PERIOD INCLUDED 7.28 INCHES AT SAN MARCOS PASS AND 5.95 INCHES AT REFUGIO PASS...BOTH IN SANTA BARBARA COUNTY...AND 6.06 INCHES AT NORDHOFF RIDGE IN THE MOUNTAINS OF VENTURA COUNTY. SNOW LEVELS WERE FAIRLY HIGH DURING THIS PERIOD...WITH APPRECIABLE SNOW ACCUMULATIONS OF 3 TO 6 INCHES CONFINED TO ELEVATIONS ABOVE 7500 FEET.

FOLLOWING THE PASSAGE OF AN INSIDE SLIDER (A TROUGH WHICH DROPS SOUTHWARD THROUGH INTERIOR CALIFORNIA OR THE GREAT BASIN)...A STRONG SURFACE HIGH PRESSURE SYSTEM WHICH SETTLED INTO THE GREAT BASIN ON THE 24TH AND 25TH...BROUGHT VERY STRONG OFFSHORE PRESSURE GRADIENTS

AND DAMAGING SANTA ANA WINDS TO SOUTHWESTERN CALIFORNIA. NORTHERLY WINDS GUSTED TO 102 MPH AT WHITAKER PEAK AND 93 MPH AT MONTECITO HILLS ON THE EVENING OF THE 24TH. AS WINDS SWITCHED TO A MORE NORTHEASTERLY DIRECTION ON THE MORNING OF THE 25TH...PEAK WIND GUSTS INCLUDED 92 MPH AT LAGUNA PEAK...84 MPH AT WILEY RIDGE...81 MPH AT CHILAO...78 MPH AT MALIBU HILLS AND CAMP NINE...70 MPH AT WARM SPRING...67 MPH AT MILL CREEK...57 MPH AT NEWHALL PASS...53 MPH AT CAMARILLO AND 48 MPH AT LEO CARRILLO BEACH. THE STRONG WINDS CAUSED DOWNED POWER LINES AND TREE BRANCHES IN MANY AREAS. POWER OUTAGES WERE REPORTED IN MORE THAN 13000 HOUSEHOLDS AND BUSINESSES IN THE LOS ANGELES AREA.

ANOTHER INSIDE SLIDER PASSED TO THE EAST OF THE REGION ON THE 26TH...AND THIS WAS FOLLOWED BY ANOTHER ROUND OF GUSTY NORTH TO NORTHEAST WINDS ACROSS THE AREA. PEAK WIND GUSTS REACHED 91 MPH AT WHITAKER PEAK...81 MPH AT WARM SPRINGS...68 MPH AT LAKE PALMDALE...67 MPH AT SANDBERG...65 MPH AT CHILAO...64 MPH AT MALIBU HILLS...61 MPH AT NEWHALL PASS...60 MPH AT CAMP NINE...58 MPH AT BEVERLY HILLS...AND 52 MPH AT MONTECITO HILLS. THERE WERE NUMEROUS REPORTS OF DOWNED TREES AND POWER LINES IN THE HOLLYWOOD HILLS...AND POWER OUTAGES TO MORE THAN 19000 HOUSEHOLDS AND BUSINESSES IN THE LOS ANGELES AREA.

YET ANOTHER STRONG SURFACE HIGH BUILDING INTO THE GREAT BASIN

CAUSED ADDITIONAL STRONG NORTH TO NORTHEAST WINDS ACROSS THE REGION BEGINNING ON THE 31ST OF DECEMBER AND CONTINUING INTO EARLY JANUARY. PEAK WINDS FROM THIS SYSTEM REACHED 87 MPH AT LAGUNA PEAK...77 MPH AT WHITAKER PEAK...74 MPH AT WILEY RIDGE...72 MPH AT GRANADA HILLS AND TONNER CANYON...64 MPH AT POPPY PARK...63 MPH AT MALIBU HILLS AND 46 MPH AT CAMARILLO.

.....CLIMATE DATA FOR DECEMBER 2007.....

	AVG HIGH	AVG LOW	AVG MONTH	NORM MONTH	MONTH XTRMS	TOTAL PRECIP	NORM PRECIP	PRECIP % NORM
L.A. DOWNTOWN	65.3	46.5	55.9	58.5	83/39	1.73	1.91	91%
L.A. ARPT	63.5	48.2	55.8	57.6	76/42	1.59	1.79	89%
LONG BEACH ARPT	65.1	45.5	55.3	57.1	77/40	1.11	1.76	63%
UCLA	65.6	49.0	57.3	58.6	81/43	2.00	2.39	84%
BURBANK ARPT	63.7	41.8	52.7	54.6	83/34	0.98	2.15	46%
WOODLAND HILLS	64.8	37.5	51.2	53.6	84/28	0.96	2.38	40%
LANCASTER ARPT	55.1	28.9	42.0	42.8	76/19	0.09	1.01	9%
SANDBERG	46.8	32.0	39.4	42.5	67/20	0.52	2.17	24%
CAMARILLO ARPT	64.6	40.1	52.4	55.9	82/33	1.11	2.11	53%
SANTA BARBARA ARPT	62.4	37.1	49.7	53.2	80/30	2.16	2.26	96%
SANTA MARIA ARPT	63.7	37.9	50.8	51.6	82/31	1.86	1.84	101%
PASO ROBLES ARPT	57.8	31.3	44.5	47.1	75/22	1.30	1.73	75%

*****JANUARY 2008*****

JANUARY WAS A VERY WET MONTH ACROSS SOUTHWESTERN CALIFORNIA...WITH ALL AREAS RECEIVING WELL ABOVE NORMAL RAINFALL FOR THE MONTH. TWO MAJOR RAIN EVENTS AFFECTED THE AREA IN JANUARY...ONE FROM THE 4TH THROUGH THE 6TH...AND THE OTHER FROM THE 22ND THROUGH THE 27TH.

MOST LOCATIONS REPORTED RAINFALL TOTALING 150 TO 250 PERCENT OF NORMAL...WITH SOME LOCATIONS IN THE MOUNTAINS OF SANTA BARBARA COUNTY REPORTING RAINFALL UP TO 400 PERCENT OF NORMAL.

TEMPERATURES WERE SOMEWHAT BELOW NORMAL FOR THE MONTH...GENERALLY BY 1 TO 3 DEGREES IN MOST AREAS. TEMPERATURES NEVER DROPPED TO THE FREEZING LEVEL IN COASTAL SECTIONS OF LOS ANGELES AND VENTURA COUNTIES...AND IN FACT NEVER DROPPED BELOW 40 DEGREES IN MOST OF THE LOS ANGELES COAST. IN COASTAL SECTIONS OF SANTA BARBARA AND SAN LUIS OBISPO COUNTIES...AND IN MOST OF THE VALLEYS IN VENTURA COUNTY AND WESTERN LOS ANGELES COUNTY...TEMPERATURES SQUEAKED DOWN TO JUST A DEGREE OR TWO BELOW FREEZING ON ONE OR TWO DAYS.

STRONG AND GUSTY NORTHEASTERLY WINDS USHERED IN THE NEW YEAR AS A STRONG SURFACE HIGH PRESSURE SYSTEM SETTLED INTO THE GREAT BASIN. HIGH WIND WARNINGS WERE ISSUED FOR THE MOUNTAINS OF VENTURA AND LOS ANGELES COUNTY...INCLUDING THE SANTA MONICA RANGE. WIND ADVISORIES WERE IN EFFECT FOR COASTAL AND VALLEY AREAS OF VENTURA AND LOS ANGELES COUNTIES. PEAK WIND GUSTS INCLUDED 87 MPH AT LAGUNA PEAK...77 MPH AT WHITAKER PEAK...74 MPH AT WILEY RIDGE...72 MPH AT TONNER CANYON...63 MPH AT MALIBU HILLS...60 MPH AT WARM SPRINGS...59 MPH AT NEWHALL PASS...48 MPH AT SANDBERG AND IN SIMI VALLEY...AND 47 MPH AT CAMARILLO AIRPORT.

A POWERFUL WINTER STORM BROUGHT VERY HEAVY RAINFALL TO SOUTHWESTERN CALIFORNIA FROM THE 4TH THROUGH THE 6TH. THE MAIN FRONTAL BAND SWEEPED THROUGH THE AREA ON FRIDAY THE 4TH...BUT LINGERED INTO THE MORNING OF THE 5TH ACROSS LOS ANGELES COUNTY. RAINFALL RATES APPROACHED OR EXCEEDED ONE INCH PER HOUR AT TIMES FRIDAY EVENING THROUGH SATURDAY MORNING. FLASH FLOODS...ROCK SLIDES AND DEBRIS FLOWS WERE REPORTED BY SPOTTERS AND THE CALIFORNIA HIGHWAY PATROL. NO MAJOR DEBRIS FLOWS OCCURRED NEAR THE BURN AREAS...BUT THERE WERE SEVERAL SMALL FLOWS IN THE CORRAL... BARHAM...BUCKWEED AND DAY BURN AREAS. MUD AND DEBRIS FROM THE BARHAM BURN AREA OVERFLOWED DEBRIS CATCH BASINS ONTO FOREST LAWN DRIVE IN A LAYER ABOUT ONE FOOT DEEP. VOLUNTARY EVACUATIONS WERE CALLED FOR AT THE NEARBY OAKWOOD APARTMENTS. WATER ROSE TO A LEVEL 2 FEET ABOVE A BRIDGE IN MALIBU CREEK ON THE 4TH...AND THERE WAS 2 FEET OF WATER ON INTERSTATE 5 NEAR PARAMOUNT. THE GLENDORA POLICE DEPARTMENT BUILDING SUSTAINED ABOUT 200000 DOLLARS IN FLOOD DAMAGE. UP TO 42000 POWER OUTAGES WERE REPORTED IN THE CITY OF LOS ANGELES. HIGH SURF FROM THE STORM DAMAGED CAYUCOS PIER...AND OTHER PIERS IN SAN LUIS OBISPO COUNTY WERE CLOSED DUE TO HIGH SURF. NO MAJOR RIVER PROBLEMS WERE NOTED...THANKS TO DRY ANTECEDENT CONDITIONS.

RAINFALL TOTALS FROM THE STORM FROM THE 4TH THROUGH THE 6TH WERE THE HEAVIEST IN ANY SINGLE STORM SINCE FEBRUARY 2005...AVERAGING 2 TO 5 INCHES IN COASTAL AND VALLEY AREAS...5 TO 8 INCHES IN THE FOOTHILLS AND MOUNTAINS...WITH 8 TO 12 INCHES IN FAVORED SOUTH FACING MOUNTAIN LOCATIONS. A SPOTTER NEAR MOUNT WILSON REPORTED A STORM TOTAL OF 13.18 INCHES. SNOW LEVELS WERE RATHER HIGH...GENERALLY ABOVE 7000 FEET. TOTAL STORM SNOW ACCUMULATIONS OF 6 TO 12 INCHES WERE REPORTED ON MOUNT PINOS AT 8200 FEET...AND 18 TO 24 INCHES FELL AT MOUNT BALDY THE 7900 FOOT LEVEL.

HIGH SURF AFFECTED MANY BEACHES OF SOUTHWESTERN CALIFORNIA ON THE 12TH AND 13TH. SURF REACHED 10 TO 12 FEET ALONG THE BEACHES OF SAN

LUIS OBISPO AND WESTERN SANTA BARBARA COUNTIES...WITH LOCAL SETS TO 15 FEET. ON THE WEST FACING BEACHES OF VENTURA AND LOS ANGELES COUNTY...SURF HEIGHTS AVERAGED 6 TO 8 FEET...WITH LOCAL SETS TO 10 FT. FROM THE 12TH THROUGH THE 14TH...A ROUND OF GUSTY SANTA ANA WINDS AFFECTED THE REGION. PEAK WIND GUSTS INCLUDED 77 MPH AT LAGUNA PEAK...56 MPH AT WILEY RIDGE...55 MPH AT WHITAKER PEAK...52 MPH AT CHILAO AND CHEESEBORO...51 MPH AT MALIBU HILLS...50 MPH AT WARM SPRINGS AND 42 MPH AT CAMP NINE.

STRONG SANTA ANA WINDS AGAIN IMPACTED THE REGION ON THE 16TH AND 17TH. WINDS FROM THIS EVENT WERE MORE WIDESPREAD ACROSS COASTAL AND VALLEY AREAS OF LOS ANGELES COUNTIES THAN DURING THE PREVIOUS WIND EVENT A FEW DAYS EARLIER. SOME PEAK WIND GUSTS INCLUDED 100 MPH AT LAGUNA PEAK...77 MPH AT CAMP NINE...74 MPH AT MALIBU HILLS...64 MPH AT WILEY RIDGE AND WARM SPRINGS...61 MPH AT NEWHALL PASS...59 MPH AT CHILAO AND AT CAMARILLO AIRPORT...57 MPH AT WHITAKER PEAK...55 MPH AT TONNER CANYON...53 MPH AT CHEESEBORO AND AT LEO CARRILLO BEACH...51 MPH IN SAUGUS...46 MPH AT BURBANK AIRPORT...44 MPH AT POINT MUGU AND IN SIMI VALLEY...43 MPH AT OXNARD AIRPORT...AND 41 MPH AT VAN NUYS AIRPORT AND IN PIRU.

THE SECOND MAJOR WET PERIOD OF THE MONTH FOR SOUTHWESTERN CALIFORNIA...RESULTED FROM SEVERAL IMPULSES ROTATING AROUND A VERY LARGE AND SLOW MOVING UPPER LOW IN THE EASTERN PACIFIC. MOST OF THE PRECIPITATION FELL BETWEEN THE 22ND AND 27TH. AT LEAST INITIALLY...THIS STORM WAS MUCH COLDER THAN THE ONE EARLIER IN THE MONTH...AND BROUGHT SIGNIFICANT SNOWS TO RATHER LOW ELEVATIONS.

AN UPPER LOW DEVELOPING OFF THE PACIFIC NORTHWEST ON MONDAY THE 21ST DROPPED SLOWLY SOUTHWARD LATE MONDAY AND TUESDAY. SOME SHOWER ACTIVITY DEVELOPED ACROSS SOUTHWESTERN CALIFORNIA MONDAY NIGHT AND TUESDAY THE 22ND. RAINFALL AMOUNTS THROUGH TUESDAY AFTERNOON GENERALLY AVERAGED ONE TENTH TO ONE THIRD OF AN INCH...WITH LOCAL TOTALS OVER ONE HALF INCH. THE EXCEPTION WAS ACROSS SAN LUIS OBISPO COUNTY AND THE MOUNTAINS OF SANTA BARBARA COUNTIES...WHERE TOTALS OVER ONE INCH WERE COMMON.

RAIN WITH THE MAIN FRONTAL SYSTEM SPREAD INTO SAN LUIS OBISPO AND SANTA BARBARA COUNTIES LATE IN THE DAY ON THE 22ND...AND INTO VENTURA COUNTY DURING THE EVENING. RAIN HELD OFF UNTIL WEDNESDAY MORNING ACROSS LOS ANGELES COUNTY. SNOW LEVELS DROPPED AS LOW AS 1000 FEET AT TIMES ACROSS SANTA BARBARA COUNTY...WITH SNOW OBSERVED IN SAN MARCOS PASS. IN GENERAL...SEVERAL INCHES OF SNOW FELL ABOVE THE 2500 TO 3000 FOOT LEVEL...WITH SEVERAL FEET OF SNOW ABOVE 4000 FEET. HIGHWAY 33 TO ROSE VALLEY WAS CLOSED FOR OVER A WEEK DUE TO FIVE FOOT SNOW DRIFTS. AN ESTIMATED 300 TO 500 CARS WERE STRANDED OVERNIGHT WEDNESDAY NIGHT ON INTERSTATE 5 OVER THE GRAPEVINE.

BEHIND THE FRONTAL BAND...MOIST UNSTABLE AIR ASSOCIATED WITH THE COLD UPPER CENTER OF THE LOW CONTINUED TO PRODUCE NUMEROUS SHOWERS AND SOME THUNDERSTORMS ACROSS THE AREA ON THURSDAY THE 24TH. A WATERSPOUT MOVED ONSHORE AS A SMALL TORNADO NEAR POINT MUGU CAUSING SOME DAMAGE TO ONE BUILDING. SNOW LEVELS REMAINED QUITE LOW...GENERALLY BETWEEN 2000 AND 3000 FEET...BUT THEN BEGAN TO RISE SLOWLY LATE THURSDAY AND THURSDAY NIGHT. LIGHT SNOW ACCUMULATIONS WERE REPORTED ACROSS PORTIONS OF THE ANTELOPE VALLEY...ESPECIALLY IN

THE FOOTHILLS.

SHOWERS AND ISOLATED THUNDERSTORMS LINGERED ACROSS LOS ANGELES COUNTY DURING THURSDAY NIGHT INTO THE MORNING HOURS OF FRIDAY THE 25TH...AND THERE WERE MANY REPORTS OF FLASH FLOODING AND SMALL DEBRIS FLOWS ACROSS THE COUNTY. THREE DIFFERENT AVALANCHES OCCURRED NEAR THE MOUNTAIN HIGH SKI RESORT ON THE 25TH...UNFORTUNATELY RESULTING IN THREE DEATHS. SHOWERS BECAME MORE SCATTERED IN NATURE ACROSS THE REST OF THE FORECAST AREA FRIDAY MORNING...AND ACROSS LOS ANGELES COUNTY FRIDAY AFTERNOON.

THE LARGE UPPER LEVEL LOW WOBBLLED BACK WESTWARD FARTHER AWAY FROM CALIFORNIA BRINGING A LULL TO THE RAINS FRIDAY AFTERNOON THROUGH SATURDAY. HOWEVER...THEN THE CENTER OF THE UPPER LOW DROPPED SOUTHWARD SEVERAL HUNDRED MILES OFF THE COAST AND BEGAN TO INTERACT WITH A STRONG SUBTROPICAL JET AND ABUNDANT SUBTROPICAL MOISTURE. THIS CAUSED A SURFACE LOW PRESSURE SYSTEM TO DEVELOP IN THE EASTERN PACIFIC. A SHARP SURFACE PRESSURE GRADIENT CAUSED GUSTY E TO SE WINDS TO DEVELOP ACROSS MUCH OF THE REGION IN SATURDAY THE 26TH. ON SATURDAY...WINDS GUSTED TO 57 MPH AT VANDENBERG...51 MPH AT LAGUNA PEAK...47 MPH AT SANTA MARIA...40 MPH AT AVALON AIRPORT...SANDBERG AND MALIBU HILLS.

RAIN SPREAD INTO THE REGION AGAIN SATURDAY AFTERNOON AND EVENING... THIS TIME FROM THE SOUTH. RAIN CONTINUED THROUGH THE NIGHT BEFORE TURNING TO SHOWERS ON THE MORNING HOURS OF SUNDAY THE 27TH. SNOW LEVELS CONTINUED TO RISE THROUGH SATURDAY...REACHING ABOUT 8000 FEET BY EVENING. NUMEROUS SHOWERS...OCCASIONALLY HEAVY...AND ISOLATED THUNDERSTORMS CONTINUED ACROSS MUCH OF THE AREA ON THE 27TH...THEN BEGAN TO DECREASE IN COVERAGE AND INTENSITY ON SUNDAY NIGHT. IT CONTINUED TO BE VERY WINDY THROUGH AT LEAST EARLY SUNDAY AFTERNOON...WITH WINDS MAINLY FROM THE SOUTH. WIND GUSTS REACHED 66 MPH AT LAGUNA PEAK...61 MPH AT CHILAO...58 MPH AT WHITAKER PEAK...57 MPH AT CLEAR CREEK...54 MPH AT MILL CREEK...52 MPH AT VANDENBERG...49 MPH AT SANDBERG AND 47 MPH AT CHEESEBORO. RAIN FINALLY ENDED ACROSS THE AREA ON MONDAY.

ALTHOUGH THE RAIN...WHICH FELL AT TIMES FROM LATE MONDAY THE 21ST THROUGH MONDAY THE 28TH WAS THE RESULT OF SEVERAL DIFFERENT IMPULSES ROTATING AROUND A GIANT UPPER LOW...STORM TOTALS WERE CALCULATED FOR THE ENTIRE EVENT. RAINFALL FOR THE PERIOD GENERALLY AVERAGED 4 TO 8 INCHES IN COASTAL AND VALLEY AREAS...8 TO 12 INCHES IN THE FOOTHILLS AND MOUNTAINS...WITH A MAXIMUM OF 18.16 INCHES AT OPIDS CAMP IN THE EASTERN SAN GABRIELS MOUNTAINS. EVEN THE DESERTS RECEIVED 2 TO 3 INCHES OF RAIN.

SOME RAIN TOTALS FOR SELECTED LOCATIONS FROM THE 21ST THROUGH THE 28TH INCLUDE 5.81 INCHES IN DOWNTOWN LOS ANGELES...7.19 INCHES...6.36 INCHES IN BURBANK...7.52 INCHES IN AGOURA HILLS...9.69 INCHES IN NEWHALL...13.39 INCHES AT MOUNT WILSON...4.69 INCHES IN OXNARD...9.27 INCHES IN OJAI...14.34 INCHES AT MATILIJA CANYON...12.04 INCHES AT NORDHOFF RIDGE...7.62 INCHES AT SANTA BARBARA AIRPORT...12.68 INCHES AT SAN MARCOS PASS...4.67 INCHES AT SANTA MARIA...4.36 INCHES AT SAN LUIS OBISPO AND 3.57 INCHES AT PASO ROBLES.

ANOTHER ROUND OF GUSTY NORTH WINDS AFFECTED THE AREA ON THE 30TH.

PEAK WIND GUSTS INCLUDE 68 MPH AT MONTECITO...56 MPH AT MALIBU HILLS AND 47 MPH AT WHITAKER PEAK.

.....CLIMATE DATA FOR JANUARY 2008.....

	AVG HIGH	AVG LOW	AVG MONTH	NORM MONTH	MONTH XTRMS	TOTAL PRECIP	NORM PRECIP	PRECIP % NORM
L.A. DOWNTOWN	64.1	46.6	55.4	58.3	77/41	7.97	3.33	239%
L.A. ARPT	63.0	48.8	55.9	57.1	75/43	4.67	2.98	157%
LONG BEACH ARPT	64.0	46.0	55.0	57.0	78/41	5.89	2.95	200%
UCLA	63.9	48.9	56.4	57.9	79/41	8.89	4.09	217%
BURBANK ARPT	62.3	42.8	52.6	54.8	79/36	9.40	3.56	264%
WOODLAND HILLS	63.3	40.5	51.9	53.7	78/29	10.38	3.83	271%
LANCASTER ARPT	54.3	31.5	42.9	43.9	70/19	3.74	1.60	234%
SANDBERG	44.1	32.6	38.4	43.0	58/24	6.82	2.48	275%
CAMARILLO ARPT	63.6	44.2	53.9	55.6	78/35	7.24	3.41	212%
SANTA BARBARA ARPT	60.9	39.8	50.3	53.1	74/33	10.44	3.57	292%
SANTA MARIA ARPT	61.8	40.9	51.3	51.6	76/33	7.01	2.64	266%
PASO ROBLES ARPT	56.5	36.5	46.5	48.0	67/27	5.39	2.83	190%

*****FEBRUARY 2008*****

FEBRUARY WAS A RATHER DRY MONTH ACROSS SOUTHWESTERN CALIFORNIA. RAINFALL TOTALED 25 TO 50 PERCENT OF NORMAL ACROSS MOST OF THE REGION...EXCEPT UP TO AROUND 70 PERCENT OF NORMAL IN COASTAL SECTIONS OF LOS ANGELES COUNTY.

AVERAGE TEMPERATURES FOR THE MONTH OF FEBRUARY WERE GENERALLY 1 TO 3 DEGREES BELOW NORMAL...EXCEPT NEAR NORMAL TO SLIGHTLY ABOVE NORMAL IN THE MOUNTAINS AND DESERTS. WIDESPREAD TEMPERATURES AT OR BELOW FREEZING DID NOT OCCUR...EXCEPT ACROSS THE MOUNTAINS...DESERTS AND INTERIOR VALLEYS OF SAN LUIS OBISPO COUNTY AND THE CUYAMA VALLEY.

A STORM SYSTEM DROPPED SOUTHEASTWARD THROUGH THE EASTERN PACIFIC ON SATURDAY THE 2ND. ITS FRONTAL SYSTEM BROUGHT SOME RAIN TO THE REGION SATURDAY NIGHT INTO SUNDAY THE 3RD...THEN SHOWERS PERSISTED BEHIND THE FRONT INTO SUNDAY NIGHT. SNOW LEVELS WERE INITIALLY BETWEEN 5000 AND 6000 FEET SATURDAY NIGHT...THEN THEY LOWERED TO AROUND 4500 FEET BY LATE SUNDAY. RAINFALL TOTAL WITH THIS STORM SYSTEM AVERAGED ONE QUARTER OF AN INCH TO THREE QUARTERS OF AN INCH ACROSS COASTAL AND VALLEY SECTIONS OF LOS ANGELES AND VENTURA COUNTIES...WITH LOCAL TOTALS OVER AN INCH IN THE FOOTHILLS AND MOUNTAINS. ACROSS SANTA BARBARA AND SAN LUIS OBISPO COUNTIES...AMOUNTS WERE SOMEWHAT HIGHER...AVERAGING ONE HALF INCH TO ONE INCH IN COASTAL AREAS...AND ONE TO TWO INCHES IN THE FOOTHILLS AND MOUNTAINS.

WITH AND BEHIND THE FRONTAL SYSTEM...WIDESPREAD GUSTY SOUTHWEST TO WEST WINDS AFFECTED THE REGION. PEAK WIND GUSTS INCLUDED 81 MPH AT LAKE PALMDALE....70 MPH AT MILL CREEK...57 MPH AT POPPY PARK...53 MPH AT WILEY RIDGE...45 MPH AT ACTON AND CHEESEBORO...44 MPH AT SANDBERG AND SAUGUS...38 MPH AT OXNARD AND LOS ANGELES AIRPORT AND 36 MPH AT CAMARILLO.

A STRONG UPPER LOW DROPPED SOUTHWESTWARD THROUGH THE GREAT BASIN WEDNESDAY THE 13TH...THEN TRACKED RIGHT ACROSS SOUTHWESTERN CALIFORNIA WEDNESDAY NIGHT AND EARLY THURSDAY THE 14TH. A STRONG IMPULSE WRAPPING AROUND ITS SOUTHERN SIDE WAS ABLE TO TAP INTO ENOUGH MOISTURE TO CAUSE AN UNEXPECTED PERIOD OF RAIN ACROSS LOS ANGELES COUNTY...WITH SOME SNOW IN THE SAN GABRIELS. MEASURABLE RAINFALL ON THE 14TH WAS CONFINED TO LOS ANGELES COUNTY...AND GENERALLY TOTALED LESS THAN ONE QUARTER OF AN INCH...WITH LOCALLY HIGHER TOTALS ACROSS THE SAN GABRIEL VALLEY.

AS THE UPPER LOW SHIFTED EAST OF THE REGION...STRONG NORTH TO NORTHEAST WINDS AFFECTED MUCH OF LOS ANGELES AND VENTURA COUNTIES DURING THE 14TH. PEAK WIND GUSTS INCLUDE 63 MPH AT WARM SPRINGS AND ACTON...61 MPH AT NEWHALL PASS...59 MPH AT CAMP NINE...56 MPH AT WILEY RIDGE...55 MPH AT MALIBU HILLS...54 MPH AT WHITAKER PEAK...48 MPH AT SAUGUS...47 MPH AT CHEESEBORO...45 MPH AT LEO CARRILLO BEACH...38 MPH AT VAN NUYS...36 MPH AT CAMARILLO...AND 35 MPH AT BURBANK AND OXNARD.

A WEAK FRONTAL SYSTEM PUSHED INTO THE CENTRAL COAST DURING TUESDAY EVENING THE 19TH...AND BROUGHT LIGHT RAIN TO MOST OF THE AREA DURING THE NIGHT AND INTO THE MORNING OF THE 20TH. RAINFALL AMOUNTS GENERALLY AVERAGED ONE TENTH TO ONE THIRD OF AN INCH IN MOST AREAS...ALTHOUGH THERE WERE LOCAL TOTALS OVER ONE HALF INCH IN THE FOOTHILLS AND MOUNTAINS.

ANOTHER FAST MOVING FRONTAL SYSTEM ARRIVED DURING THE AFTERNOON AND EVENING HOURS OF THURSDAY THE 21ST...THEN RAIN CONTINUED INTO FRIDAY MORNING BEFORE TURNING TO SCATTERED SHOWERS. RAINFALL TOTALS AVERAGED ONE QUARTER TO THREE QUARTERS OF AN INCH IN MOST

AREAS...WITH LOCAL TOTALS OVER AN INCH IN THE FOOTHILLS AND MOUNTAINS.

ON SATURDAY THE 23RD...A STRONG STORM SYSTEM IN THE PACIFIC APPROACHED THE WEST COAST. ITS FRONTAL SYSTEM BROUGHT PERIODS OF RAIN TO SOUTHWESTERN CALIFORNIA FROM LATE AFTERNOON ON THE 23RD...INTO THE AFTERNOON OF SUNDAY THE 24TH. GUSTY SOUTHEAST TO SOUTH WINDS AFFECTED MUCH OF THE AREA IN ADVANCE OF AND WITH THE FRONT ITSELF. WIND GUSTS INCLUDED 73 MPH AT VALYERMO...66 MPH AT LAKE PALMDALE...64 MPH AT CAMP NINE AND CHILAO...63 MPH AT MILL CREEK...61 MPH AT VANDENBERG...51 MPH AT FIGUEROA MOUNTAIN...45 MPH AT POINT MUGU...44 MPH AT SAN LUIS OBISPO...43 MPH AT ACTON AND NEWHALL PASS AND 41 MPH AT SANTA MARIA.

RAINFALL TOTALS WITH THE FRONTAL SYSTEM AVERAGE ONE HALF INCH TO ONE INCH IN MOST AREAS...WITH LOCAL TOTALS BETWEEN 1 AND 2 INCHES IN THE FOOTHILLS AND MOUNTAINS.

THE STORM SYSTEM ALSO BROUGHT VERY LARGE SURF TO THE BEACHES OF SOUTHWESTERN CALIFORNIA FROM THE AFTERNOON HOURS ON SUNDAY THE 24TH THROUGH THE MORNING HOURS OF TUESDAY THE 26TH. DURING THE PEAK OF THE SURF EVENT...BREAKERS OF 16 TO 24 FEET WERE COMMON ON THE COAST OF SAN LUIS OBISPO AND WESTERN SANTA BARBARA COUNTIES...WITH OCCASIONAL SETS AS HIGH AS 28 FEET. ON WEST FACING BEACHES OF VENTURA AND LOS ANGELES COUNTIES...BREAKERS REACHED 8 TO 13 FEET...AND THERE WERE OCCASIONAL SETS AS HIGH AS 18 FEET.

SURFACE HIGH PRESSURE DROPPING INTO THE GREAT BASIN CAUSED GUSTY NORTHEAST WINDS TO DEVELOP ACROSS PORTIONS OF VENTURA AND LOS ANGELES COUNTY DURING THE MORNING OF TUESDAY THE 26TH. PEAK WIND GUSTS REACHED 65 MPH AT LAGUNA PEAK...62 MPH AT WILEY RIDGE...52 MPH AT WARM SPRINGS...44 MPH AT DEL VALLEY AND 42 MPH AT MALIBU HILLS.

.....CLIMATE DATA FOR FEBRUARY 2008.....

	AVG HIGH	AVG LOW	AVG MONTH	NORM MONTH	MONTH XTRMS	TOTAL PRECIP	NORM PRECIP	PRECIP % NORM
L.A. DOWNTOWN	67.2	47.9	57.5	60.0	83/41	1.64	3.68	45%
L.A. ARPT	64.4	49.1	56.8	58.0	82/43	2.17	3.11	70%
LONG BEACH ARPT	65.1	46.2	55.7	58.3	82/40	2.19	3.01	73%
UCLA	67.0	49.6	58.3	58.4	85/44	2.48	4.93	50%
BURBANK ARPT	66.8	44.8	55.8	56.9	81/36	1.01	4.29	24%
WOODLAND HILLS	68.8	39.2	54.0	55.4	84/30	2.15	4.40	49%
LANCASTER ARPT	62.4	33.9	48.2	47.6	77/26	0.48	1.62	30%
SANDBERG	52.2	37.4	44.8	44.5	67/26	0.65	3.21	20%
CAMARILLO ARPT	65.7	44.1	54.9	56.2	83/36	1.30	3.90	33%
SANTA BARBARA ARPT	63.1	41.6	52.3	55.2	78/34	1.99	4.28	47%
SANTA MARIA ARPT	63.7	41.9	52.8	53.1	79/33	1.85	3.23	57%
PASO ROBLES ARPT	61.7	36.9	49.3	51.1	75/28	0.81	2.87	28%

*****MARCH 2008*****

MARCH WAS AN EXTREMELY DRY MONTH ACROSS SOUTHWESTERN CALIFORNIA. MANY AREAS RECEIVED NO MEASURABLE RAIN. WHERE MEASURABLE RAIN DID OCCUR...TOTALS WERE GENERALLY ONE QUARTER OF AN INCH OR LESS. IN GENERAL...RAINFALL TOTALED 3% OR LESS OF NORMAL.

AVERAGE TEMPERATURES FOR THE MONTH OF MARCH WERE GENERALLY 1 TO 3 DEGREES ABOVE NORMAL...EXCEPT NEAR NORMAL TO A DEGREE BELOW NORMAL ACROSS SANTA BARBARA AND SAN LUIS OBISPO COUNTIES.

A VIGOROUS UPPER LEVEL TROUGH DROPPING INTO THE GREAT BASIN CAUSED STRONG NORTHERLY WINDS TO DEVELOP ACROSS MUCH OF SOUTHWESTERN CALIFORNIA ON SATURDAY THE 1ST...THEN WINDS SHIFTED TO THE NORTHEAST ON THE MORNING OF THE 2ND. PEAK WIND GUSTS INCLUDED 78 MPH AT WARM SPRINGS...74 MPH AT WARM SPRINGS AND WILEY RIDGE...73 MPH AT CHILAO...72 MPH AT LAGUNA PEAK...69 MPH AT MILL CREEK...67 MPH AT CAMP NINE...62 MPH AT WHITAKER PEAK...61 MPH AT MONTECITO...59 MPH AT CHEESEBORO AND NEWHALL PASS...56 MPH AT ACTON...54 MPH AT SAUGUS...48 MPH AT LEO CARRILLO BEACH...44 MPH AT SIMI VALLEY...43 MPH AT CAMARILLO AND VANDENBERG...AND 41 MPH AT POINT MUGU.

ON SUNDAY THE 9TH...ANOTHER ROUND OF GUSTY OFFSHORE WINDS AFFECTED MUCH OF SOUTHWESTERN CALIFORNIA. PEAK WIND GUSTS REACHED 83 MPH AT LAGUNA PEAK...61 MPH AT WHITAKER PEAK AND CAMP NINE...60 MPH AT MALIBU HILLS...57 MPH AT CHILAO...56 MPH AT WARM SPRINGS 54 MPH AT WILEY RIDGE...51 MPH AT NEWHALL PASS AND 46 MPH AT LEO CARRILLO BEACH.

ON SATURDAY THE 15TH...AN UPPER LEVEL LOW DROPPING SOUTHWARD THROUGH

CALIFORNIA BROUGHT SOME SHOWER ACTIVITY TO PORTIONS OF THE REGION. RAINFALL GENERALLY TOTALED LESS THAN ONE TENTH OF AN INCH...EXCEPT LOCALLY BETWEEN ONE AND TWO TENTH IN THE FOOTHILLS AND MOUNTAINS OF VENTURA AND LOS ANGELES COUNTIES. GUSTY WEST WINDS DEVELOPED BEHIND THIS SYSTEM DURING THE AFTERNOON OF THE 15TH. PEAK WIND GUSTS REACHED 43 MPH AT OXNARD...POINT MUGU AND LAKE PALMDALE...42 MPH AT SAUGUS...41 MPH AT LOS ANGELES AIRPORT AND 39 MPH AT CAMARILLO. COLD AIR POURING INTO SOUTHWESTERN CALIFORNIA CAUSED SNOW LEVELS TO LOWER TO BELOW 2500 FEET DURING EARLY MORNING HOURS OF THE 16TH. SOME MOISTURE WRAPPING INTO THE REGION BEHIND THE DEPARTING STORM SYSTEM PRODUCED SOME SNOW SHOWERS IN THE ANTELOPE VALLEY...AND LOCAL ACCUMULATIONS OF 1 TO 3 INCHES OCCURRED IN THE FOOTHILLS.

AN UPPER TROUGH MOVING THROUGH THE REGION ON SUNDAY THE 30TH BROUGHT SOME LIGHT RAIN TO PORTIONS OF THE REGION. NOT ALL LOCATIONS RECEIVED MEASURABLE RAIN...AND WHERE IT DID OCCUR...RAINFALL TOTALS WERE LESS THAN ONE TENTH OF AN INCH. THE EXCEPTION TO THIS WAS ACROSS

IN THE EASTERN SAN GABRIEL MOUNTAINS AND FOOTHILLS...WHERE LOCAL TOTALS OF ONE QUARTER TO ONE THIRD OF AN WERE REPORTED.

.....CLIMATE DATA FOR MARCH 2008.....

	AVG HIGH	AVG LOW	AVG MONTH	NORM MONTH	MONTH XTRMS	TOTAL PRECIP	NORM PRECIP	PRECIP % NORM
L.A. DOWNTOWN	72.4	51.9	62.1	60.7	88/45	0.01	3.14	0%
L.A. ARPT	68.0	52.2	60.1	58.3	84/46	0.03	2.40	1%
LONG BEACH ARPT	70.6	49.8	60.2	59.7	89/42	TRACE	2.43	0%
UCLA	70.9	52.5	61.7	58.7	86/45	0.04	3.54	1%
BURBANK ARPT	73.2	49.0	61.1	58.4	86/43	0.04	3.88	1%
WOODLAND HILLS	76.2	42.4	59.3	57.2	88/35	0.12	3.60	3%
LANCASTER ARPT	68.8	38.8	53.8	51.9	82/23	TRACE	1.44	0%
SANDBERG	56.8	38.9	47.9	45.8	68/28	0.03	2.29	1%
CAMARILLO ARPT	71.2	44.4	57.8	56.7	89/38	TRACE	3.04	0%
SANTA BARBARA ARPT	68.8	43.8	56.3	56.7	79/38	0.01	3.51	0%
SANTA MARIA ARPT	66.5	40.3	53.4	53.8	78/32	0.01	2.94	0%
PASO ROBLES ARPT	68.5	36.4	52.4	53.5	79/30	TRACE	2.66	0%

*****APRIL 2008*****

APRIL WAS ANOTHER VERY DRY MONTH ACROSS SOUTHWESTERN CALIFORNIA. RAINFALL IN MOST AREAS TOTALED ONE TENTH OF AN INCH OR LESS FOR THE MONTH...EXCEPT IN THE FOOTHILLS AND MOUNTAINS...AND ACROSS SAN LUIS OBISPO AND NORTHERN SANTA BARBARA COUNTIES...WHERE TOTALS AVERAGED ONE TENTH TO ONE THIRD OF AN INCH. ACROSS THE HIGHER TERRAIN OF NORTHWESTERN SAN LUIS OBISPO COUNTY...RAINFALL TOTALS WERE LOCALLY IN EXCESS OF ONE INCH. RAINFALL GENERALLY TOTALED LESS THAN 10 PERCENT OF NORMAL ACROSS LOS ANGELES AND VENTURA COUNTIES...AND 15 TO 30 PERCENT OF NORMAL ACROSS SANTA BARBARA AND SAN LUIS OBISPO COUNTIES.

AVERAGE TEMPERATURES FOR THE MONTH OF APRIL WERE GENERALLY NEAR NORMAL TO TWO DEGREES ABOVE NORMAL ACROSS LOS ANGELES AND VENTURA

COUNTIES...AND ONE TO TWO DEGREES BELOW NORMAL ACROSS SAN LUIS OBISPO AND SANTA BARBARA COUNTIES.

THE ONLY WEATHER SYSTEM TO REALLY HAVE ANY IMPACT ON SOUTHWESTERN CALIFORNIA IN APRIL TRACKED JUST TO THE WEST OF POINT CONCEPTION LATE ON THE 2ND...BRINGING SOME LIGHT RAIN TO SOUTHWESTERN CALIFORNIA FROM LATE ON THE 2ND INTO THE MORNING OF THE 3ED. RAINFALL TOTALS WERE GENERALLY LESS THAN ONE TENTH OF AN INCH ACROSS LOS ANGELES AND VENTURA COUNTIES...WITH LOCAL TOTALS AROUND TWO TENTHS OF AN INCH IN THE FOOTHILLS AND MOUNTAINS. ACROSS SAN LUIS OBISPO AND SANTA BARBARA COUNTIES...RAINFALL TOTALS AVERAGED ONE TENTH TO ONE THIRD OF AN INCH...WITH LOCAL TOTALS OVER ONE HALF INCH ACROSS HIGHER TERRAIN OF SAN LUIS OBISPO COUNTY.

.....CLIMATE DATA FOR APRIL 2008.....

	AVG HIGH	AVG LOW	AVG MONTH	NORM MONTH	MONTH XTRMS	TOTAL PRECIP	NORM PRECIP	PRECIP % NORM
L.A. DOWNTOWN	75.2	54.3	64.7	63.8	97/48	0.04	0.83	5%
L.A. ARPT	70.4	54.9	62.7	60.8	96/49	0.03	0.63	5%
LONG BEACH ARPT	74.4	53.0	63.7	63.0	98/47	0.05	0.60	8%
UCLA	73.2	54.5	63.9	61.3	95/46	0.07	0.86	8%
BURBANK ARPT	75.5	51.9	63.7	62.2	96/45	0.02	1.02	2%
WOODLAND HILLS	80.1	43.2	61.7	61.3	97/30	0.05	0.88	6%
LANCASTER ARPT	74.3	42.9	58.6	58.0	91/34	0.01	0.32	3%
SANDBERG	61.4	41.1	51.2	50.4	81/26	0.16	0.60	27%
CAMARILLO ARPT	72.9	46.6	59.8	58.6	98/40	0.03	0.72	4%
SANTA BARBARA ARPT	70.7	44.8	57.8	58.9	91/39	0.11	0.63	17%
SANTA MARIA ARPT	67.1	40.4	53.8	55.5	88/31	0.21	0.91	23%
PASO ROBLES ARPT	74.3	38.2	56.3	57.3	94/29	0.20	0.68	29%

*****MAY 2008*****

RAINFALL FOR THE MONTH OF MAY WAS GENERALLY ONE QUARTER OF AN INCH OR LESS ACROSS SOUTHWESTERN CALIFORNIA. THE EXCEPTION WAS ACROSS THE SAN GABRIEL MOUNTAINS AND FOOTHILLS...WHERE LOCAL RAINFALL TOTALS OF 1 TO 3 INCHES WERE REPORTED. ACROSS PORTIONS OF SOUTHERN SANTA BARBARA COUNTY...LOCAL RAINFALL TOTALS OVER ONE INCH WERE REPORTED. ON A PERCENT OF NORMAL BASIS...AVERAGES VARIED WIDELY FROM NEAR 0 TO OVER 150 PERCENT OF NORMAL. THIS IS DUE IN LARGE PART TO THE FACT THAT NORMAL RAINFALL FOR MAY IS QUITE LOW... GENERALLY ONE HALF INCH OR LESS.

AVERAGE TEMPERATURES FOR THE MONTH WERE GENERALLY NEAR NORMAL TO 2 DEGREES BELOW NORMAL ACROSS SOUTHWESTERN CALIFORNIA.

ON THE 21ST...A DRY COLD FRONT SWEEPED THROUGH THE AREA AS A STRONG UPPER LOW DROPPED THROUGH THE GREAT BASIN. BEHIND THIS FRONT... STRONG AND GUSTY NORTHWEST TO NORTH WINDS DEVELOPED ACROSS THE REGION DURING THE AFTERNOON AND EVENING HOURS. PEAK WIND GUSTS

INCLUDED 85 MPH AT WHITAKER PEAK...68 MPH AT WARM SPRINGS...67 MPH AT SAUGUS...65 MPH AT CAMP NINE...59 MPH AT SANDBERG...53 MPH AT

POPPY PARK...51 MPH AT CHILAO...46 MPH AT LANCASTER...45 MPH AT LAKE PALMDALE...42 MPH AT NEWHALL PASS...AND 37 MPH AT VAN NUYS.

AFTER THE UPPER LOW DROPPED THROUGH THE GREAT BASIN...IT STARTED TO TRACK WESTWARD RIGHT OVER SOUTHWESTERN CALIFORNIA ON THE 22ND. MOISTURE AND INSTABILITY ASSOCIATED WITH THE COLD CENTER OF THE UPPER LOW CAUSED SOME SHOWERS AND THUNDERSTORMS TO DEVELOP OVER EASTERN LOS ANGELES COUNTY. SOME VERY HEAVY RAIN WAS REPORTED IN PORTIONS OF THE SAN GABRIEL VALLEY AND ADJACENT FOOTHILLS. THE RAINS CAUSED A DEBRIS FLOW IN THE SANTA ANITA BURN AREA DURING THE LATE AFTERNOON HOURS ON THE 22ND. ADDITIONAL SHOWERS AND THUNDERSTORMS DEVELOPED ON THE 23RD AND 24TH...WITH THE FOCUS OF THE ACTIVITY SHIFTING WESTWARD EACH DAY AS THE UPPER LOW DRIFTED ACROSS THE REGION. RAINFALL TOTALS FROM THE 22ND THROUGH THE 24TH VARIED WIDELY DUE TO THE SHOWERY NATURE OF THE PRECIPITATION...BUT WERE MOSTLY LESS THAN ONE HALF INCH. SOME NOTABLE EXCEPTIONS INCLUDE 3.60 INCHES AT OPIDS CAMP...2.77 INCHES AT SANTA FE DAM...2.72 INCHES AT SANTA ANITA DAM...2.36 INCHES AT BIG DALTON DAM...2.35 INCHES AT TANBARK...1.71 INCHES AT MOUNT BALDY...1.63 INCHES AT CLAREMONT...1.22 INCHES AT SISAR PEAK...0.95 INCHES AT SAN MARCOS PASS AND 0.87 INCHES AT OLD MAN MOUNTAIN.

...CLIMATE DATA FOR MAY 2008.....

	AVG HIGH	AVG LOW	AVG MONTH	NORM MONTH	MONTH XTRMS	TOTAL PRECIP	NORM PRECIP	PRECIP % NORM
L.A. DOWNTOWN	74.3	57.5	65.9	66.2	96/52	0.11	0.31	35%
L.A. ARPT	70.0	58.1	64.1	63.1	89/53	0.11	0.24	46%
LONG BEACH ARPT	73.2	56.1	64.6	65.9	98/51	0.18	0.23	78%
UCLA	71.5	55.3	63.4	62.9	92/49	0.21	0.34	62%
BURBANK ARPT	74.7	55.6	65.1	65.9	98/50	0.07	0.37	19%
WOODLAND HILLS	79.2	48.5	63.9	65.2	102/41	0.05	0.32	16%
LANCASTER ARPT	80.0	52.9	66.0	66.1	103/36	0.01	0.12	8%
SANDBERG	66.8	47.1	57.0	57.4	86/35	0.35	0.28	125%
CAMARILLO ARPT	70.7	50.6	60.6	60.5	89/43	0.03	0.21	14%
SANTA BARBARA ARPT	68.9	49.0	59.0	60.9	84/43	0.10	0.23	43%
SANTA MARIA ARPT	68.2	46.2	57.2	57.8	87/40	0.01	0.32	3%
PASO ROBLES ARPT	80.5	45.4	62.9	63.3	103/34	0.01	0.23	4%

*****JUNE 2008*****

NO MEASURABLE RAIN WAS REPORTED IN SOUTHWESTERN CALIFORNIA DURING THE MONTH OF JUNE. IN GENERAL...JUNE IS A VERY DRY MONTH ACROSS THE REGION...WITH RAINFALL AVERAGING ONE TENTH OF AN INCH OR LESS AT JUST ABOUT ALL REPORTING STATIONS.

TEMPERATURES ACROSS SOUTHWESTERN CALIFORNIA IN JUNE WERE GENERALLY NEAR NORMAL TO 2 DEGREES ABOVE NORMAL ON THE COASTAL PLAIN...1 TO 3 DEGREES ABOVE NORMAL IN THE VALLEYS AND MOUNTAINS...AND NEARLY 5 DEGREES ABOVE NORMAL IN THE ANTELOPE VALLEY.

AN INTENSE EARLY SEASON HEAT WAVE AFFECTED SOUTHWESTERN CALIFORNIA FROM THE 17TH THROUGH THE 22ND. DAYTIME HIGH TEMPERATURES REACHED OR EXCEEDED 100 DEGREE MARK DURING THAT ENTIRE 6 DAY STRETCH AT

	AVG MAX	AVG MIN	AVG		ACTUAL	NORMAL	% NORMAL
2007							
JULY	83.3	65.2	74.2	89/62	0.00	0.01	0 %
NORMAL	83.8	64.6	74.2				
AUGUST	85.1	65.9	75.5	96/63	0.00	0.13	0 %
NORMAL	84.8	65.6	75.2				
SEPTEMBER	81.2	62.4	71.8	101/55	0.52	0.32	163 %
NORMAL	83.3	64.6	74.0				
OCTOBER	78.9	58.0	68.5	95/53	0.95	0.37	257 %
NORMAL	79.0	59.9	69.5				
NOVEMBER	71.1	54.0	62.5	88/48	0.56	1.05	53 %
NORMAL	73.2	52.6	62.9				
DECEMBER	65.3	46.5	55.9	83/39	1.73	1.91	91 %
NORMAL	68.7	48.3	58.5				
2008							
JANUARY	64.1	46.6	55.4	77/41	7.97	3.33	239 %
NORMAL	68.1	48.5	58.3				
FEBRUARY	67.2	47.9	57.5	83/41	1.64	3.68	45 %
NORMAL	69.6	50.3	60.0				
MARCH	72.4	51.9	62.1	88/45	0.01	3.14	.3 %
NORMAL	69.8	51.6	60.7				
APRIL	75.2	54.3	64.7	97/48	0.04	0.83	5 %
NORMAL	73.1	54.4	63.8				
MAY	74.3	57.5	65.9	96/52	0.11	0.31	35 %
NORMAL	74.5	57.9	66.2				
JUNE	81.0	62.2	71.6	97/56	0.00	0.06	0 %
NORMAL	79.5	61.4	70.5				
SEASONAL	74.9	56.0	65.5	101/39	13.53	15.14	89 %
NORMAL	75.6	56.6	66.1				

* WEATHER RECORDS HAVE BEEN KEPT FOR DOWNTOWN LOS ANGELES SINCE JULY 1877.

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BRUNO/MEIER