

# PUBLIC INFORMATION STATEMENT

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PNSLOX

...THE SOUTHWESTERN CALIFORNIA 2007 WEATHER YEAR IN REVIEW...

\*\*\*\*\*JANUARY 2007\*\*\*\*\*

RAINFALL FOR THE MONTH OF JANUARY WAS WELL BELOW NORMAL ACROSS MOST OF THE AREA. MONTHLY TOTALS AVERAGED 5 TO 15 PERCENT OF NORMAL ACROSS LOS ANGELES COUNTY...AND GENERALLY 25 TO 50 PERCENT OF NORMAL ACROSS THE REST OF THE AREA. RAINFALL ON THE NORTHERN MOUNTAIN SLOPES OF LOS ANGELES AND VENTURA COUNTIES...AS WELL AS ACROSS THE MOUNTAINS OF SANTA BARBARA COUNTY AND THE ADJACENT SOUTH COAST WAS SOMEWHAT CLOSER TO NORMAL.

TEMPERATURES WERE GENERALLY 1 TO 3 DEGREES BELOW NORMAL ACROSS THE FORECAST AREA...EXCEPT 3 TO 5 DEGREES BELOW NORMAL IN THE MOUNTAINS...DESERTS AND INTERIOR VALLEYS. THE DEPARTURES WERE LARGELY DUE TO A ONE WEEK PERIOD BEGINNING ON THE 12TH...WHEN AN ARCTIC AIRMASS SETTLED OVER THE WESTERN UNITED STATES. DURING THIS TIME THERE WAS A DEVASTATING HARD FREEZE ACROSS MUCH OF THE FORECAST AREA. LOW TEMPERATURES DROPPED BELOW 40 DEGREES AT DOWNTOWN LOS ANGELES 4 DAYS IN A ROW FROM THE 13TH THROUGH THE 16TH. THIS WAS THE FIRST SUCH OCCURRENCE SINCE A 5-DAY STRETCH IN DECEMBER 1988.

THE YEAR BEGAN ON A WINDY NOTE ACROSS SOUTHWESTERN CALIFORNIA. STRONG HIGH PRESSURE PUSHED INTO THE GREAT BASIN ON THE 1ST BRINGING STRONG NORTH TO NORTHEAST WINDS...ESPECIALLY TO THE MOUNTAINS AND VALLEYS. WIND GUSTS REACHED NEARLY 60 MPH IN THE MOUNTAINS OF LOS ANGELES AND VENTURA COUNTIES...AND 30 TO 40 MPH IN THE VALLEYS. THE GUSTY WINDS AND VERY LOW RELATIVE HUMIDITIES IN CONJUNCTION WITH A GENERAL LACK OF RAIN CAUSED FIRE DANGER TO BECOME CRITICAL ONCE AGAIN.

A FAST MOVING COLD FRONT SWEEPED ACROSS SOUTHWESTERN CALIFORNIA ON THE 4TH. IT BROUGHT VERY LIGHT AMOUNTS OF RAIN TO THE REGION...GENERALLY TWO TENTHS OF AN INCH OR LESS TO MOST NON-MOUNTAIN AREAS. IN THE MOUNTAINS...RAINFALL FROM THIS SYSTEM AVERAGED ONE QUARTER TO ONE HALF INCH. SNOW LEVELS WERE QUITE LOW...DROPPING DOWN TO 3000 FEET IN SOME LOCATIONS. AN AVERAGE OF 3 TO 6 INCHES OF SNOW FELL IN THE MOUNTAINS ABOVE 3000 FEET.

BEHIND THIS FRONT...WIDESPREAD STRONG NORTHWEST TO NORTH WINDS DEVELOPED ACROSS THE AREA LATE ON THE 4TH AND CONTINUED INTO THE 5TH. SOME OF THE STRONGER WIND GUSTS INCLUDE 100 MPH AT WHITAKER PEAK AND CAMP NINE...85 MPH AT WARM SPRINGS...83 MPH AT CHEESEBORO...68 MPH AT MALIBU HILLS...64 MPH AT MONTECITO HILLS NEAR SANTA BARBARA AND 63 MPH AT LAGUNA PEAK. IN COASTAL AND VALLEY LOCATIONS...THERE WERE WIDESPREAD GUSTS OVER 40 MPH...INCLUDING 44 MPH AT LOS ANGELES INTERNATIONAL AIRPORT...41 MPH AT SANTA MONICA AND 54 MPH IN SAUGUS. THE WINDS CAUSED A LARGE TREE TO FALL ON AND DAMAGE A HOME IN GLENDALE DURING THE AFTERNOON OF THE 5TH. DURING THE EVENING OF THE 5TH INTO THE MORNING OF THE 6TH...WINDS INCREASED ONCE AGAIN...WITH GUSTS TO 80 MPH IN MALIBU HILLS AND IN MONTECITO HILLS. WINDS SHIFTED TO A NORTHEASTERLY DIRECTION BY THE MORNING OF THE 7TH...WITH STRONG NORTHEAST WINDS CONTINUING INTO THE 8TH. PEAK WIND GUSTS ON THE 7TH AND 8TH INCLUDE 99 MPH AT LAGUNA PEAK...81 MPH AT CHILAO...71 MPH AT MALIBU HILLS...53 MPH AT POINT MUGU...54 MPH AT NEWHALL PASS AND 41 MPH AT THOUSAND OAKS.

DUE TO THE COMBINATION OF STRONG WINDS...EXTREMELY LOW RELATIVE HUMIDITIES AND VERY DRY VEGETATION DUE TO THE LACK OF SIGNIFICANT RAIN...FIRE DANGER REMAINED VERY HIGH ACROSS THE AREA THROUGH JANUARY. RED FLAG WARNINGS WERE IN EFFECT FOR THE MOUNTAINS AND VALLEYS OF LOS ANGELES AND VENTURA COUNTIES FROM THE 5TH THROUGH THE 8TH. ON THE 8TH A VERY FAST MOVING WILDFIRE BURNED ABOUT 20 ACRES IN MALIBU...DESTROYING 5 HOMES AND DAMAGING SEVERAL OTHERS. DAMAGE WAS ESTIMATED AT 60 MILLION DOLLARS. ON THE 8TH...MANY RECORD HIGH TEMPERATURES WERE REPORTED...INCLUDING 87 DEGREES AT LONG BEACH...85 DEGREES AT UCLA AND 83 DEGREES AT SANTA MARIA.

ARGUABLY THE MOST SIGNIFICANT WEATHER EVENT OF THE SEASON WAS THE SEVERE AND DEVASTATING HARD FREEZE WHICH AFFECTED MUCH OF SOUTHWESTERN CALIFORNIA DURING THE MIDDLE OF THE MONTH. AN ARCTIC AIRMASS SPILLED WEST OF THE ROCKY MOUNTAINS ON THE 10TH AND 11TH...AND Poured INTO SOUTHWESTERN CALIFORNIA ON THE 12TH. THE ARCTIC AIRMASS REMAINED ENTRENCHED ACROSS CALIFORNIA FOR SEVERAL DAYS. THE FRIGID AIR WAS ACCOMPANIED BY STRONG AND GUSTY WINDS IN THE MOUNTAINS FROM THE 12TH THROUGH THE 16TH...AND THESE WINDS OCCASIONALLY SPREAD INTO THE COASTAL AND VALLEY AREAS OF LOS ANGELES AND VENTURA COUNTIES. WIND CHILL VALUES DROPPED TO BETWEEN 5 AND 15 DEGREES BELOW ZERO IN THE MOUNTAINS FROM THE EVENING OF THE 12TH THROUGH THE 14TH.

ALTHOUGH THERE WERE WIND GUSTS TO 60 MPH IN SOME MOUNTAIN LOCATIONS...THE MOST SIGNIFICANT EFFECT OF THIS AIRMASS WERE THE WIDESPREAD AND PROLONGED HARD FREEZES ACROSS SOUTHWESTERN CALIFORNIA DURING A PERIOD OF SEVERAL NIGHTS. ON AT LEAST ONE NIGHT DURING THAT PERIOD...TEMPERATURES DROPPED WELL BELOW FREEZING IN JUST ABOUT ALL VALLEY LOCATIONS...AND EVEN IN SOME COASTAL AREAS...FOR SEVERAL HOURS IN A ROW. MANY LOCATIONS EXPERIENCED SEVERAL NIGHTS WITH A LONG HARD FREEZE. THIS FREEZE WAS DEVASTATING TO AGRICULTURE... PARTICULARLY THE CITRUS CROP...WITH ESTIMATES OF UP TO THREE QUARTERS OF THE CROP LOST. NURSERIES WERE ALSO VERY SEVERELY IMPACTED. PRELIMINARY DAMAGE ESTIMATES FROM THE FREEZE WERE PLACED AT 750 MILLION DOLLARS STATEWIDE. IN ADDITION...THERE WERE MANY REPORTS OF BURST PIPES...ESPECIALLY IN THE ANTELOPE VALLEY. THE ONLY PARTS OF THE FORECAST AREA THAT ESCAPED A HARD FREEZE WERE COASTAL SECTIONS OF LOS ANGELES COUNTY...IMMEDIATE BEACH AREAS IN VENTURA COUNTY...AND LOCATIONS IN THE VALLEYS AND FOOTHILLS THAT REMAINED BREEZY EACH NIGHT.

FREEZING TEMPERATURES WERE MOST WIDESPREAD AND SEVERE ON THE 14TH. ON THAT DAY...MANY RECORD LOW TEMPERATURES WERE SET OR TIED...INCLUDING 39 DEGREES AT SANTA MONICA PIER RIGHT ON THE OCEAN...36 DEGREES IN DOWNTOWN LOS ANGELES...35 DEGREES AT LOS ANGELES AIRPORT...31 DEGREES AT LONG BEACH AIRPORT...27 DEGREES IN CAMARILLO...26 DEGREES IN BURBANK AND SANTA BARBARA AIRPORT...23 DEGREES IN SANTA MARIA...20 DEGREES AT PIERCE COLLEGE IN WOODLAND HILLS...14 DEGREES IN PASO ROBLES...10 DEGREES IN PALMDALE AND A BONE-CHILLING 3 DEGREES IN LANCASTER.

THE LOW TEMPERATURE OF 36 DEGREES IN DOWNTOWN LOS ANGELES WAS ITS LOWEST READING SINCE DECEMBER 22ND 1990...AND IT WAS THE FIRST RECORD LOW TEMPERATURE IN JANUARY IN NEARLY 50 YEARS...SINCE JANUARY 28TH 1957. THE TEMPERATURE OF 3 DEGREES AT LANCASTER WAS A RECORD FOR THE MONTH OF JANUARY...REPLACING THE OLD STANDARD OF 4 DEGREES SET ON JANUARY 13TH 1963. IT WAS JUST ONE DEGREE SHY OF ITS ALL-TIME RECORD LOW OF 2 DEGREES...SET DECEMBER 24TH 1984.

THE COLD AIR BEGAN TO GRADUALLY MODIFY ACROSS MOST OF THE AREA AFTER THE 16TH...BUT REMAINED TRAPPED IN SOME OF THE INTERIOR VALLEYS. MOISTURE ASSOCIATED WITH A FRONTAL SYSTEM CAUSED SOME SHOWERS TO DEVELOP ACROSS SAN LUIS OBISPO COUNTY DURING THE EARLY MORNING HOURS OF THE 17TH. WITH VERY COLD AIR TRAPPED IN THE INTERIOR VALLEYS... THE RAIN FROZE AS IT HIT THE SURFACE IN SOME AREAS...A WEATHER PHENOMENON KNOWN AS FREEZING RAIN...WHICH IS VERY RARE IN SOUTHWESTERN CALIFORNIA. THIS CAUSED ROADS TO QUICKLY BECOME TREACHEROUS ACROSS INTERIOR PORTIONS OF SAN LUIS OBISPO COUNTY...WITH NUMEROUS TRAFFIC ACCIDENTS REPORTED.

AS THE FRONTAL SYSTEM MOVED ACROSS SOUTHWESTERN CALIFORNIA LATER THAT MORNING...SHOWERS SPREAD ACROSS THE REST OF THE REGION. WHILE PRECIPITATION TOTALS WERE GENERALLY ONE THIRD OF AN INCH OR LESS...SNOW LEVELS WERE EXTREMELY LOW...GENERALLY AROUND 2000 FEET. SEVERAL INCHES OF SNOW FELL IN THE MOUNTAINS...WITH SOME ACCUMULATING SNOW ALSO IN THE CUYAMA AND ANTELOPE VALLEYS. IN SOME OF THE HEAVIER SHOWERS...SNOW LEVELS BRIEFLY DROPPED TO BETWEEN 800 AND 1000 FEET...AND SNOW OCCASIONALLY REACHED THE VALLEYS. A DUSTING OF SNOW WAS REPORTED NEAR THE TOP OF KANAN ROAD...BETWEEN MALIBU AND AGOURA HILLS...CAUSING VERY SLIPPERY DRIVING CONDITIONS. A FEW THUNDERSTORMS DEVELOPED ACROSS THE AREA AS WELL...AND THERE WERE NUMEROUS REPORTS OF PEA SIZED HAIL.

TOWARD THE END OF THE MONTH...A LARGE UPPER LOW MOVED ACROSS THE EASTERN PACIFIC TO A POSITION ABOUT 200 MILES WEST OF SAN FRANCISCO ON THE 26TH. THIS LOW MOVED LITTLE THROUGH THE 28TH...THEN DRIFTED SOUTHWARD ON THE 29TH AND 30TH REACHING A POSITION ABOUT 400 MILES WEST OF LOS ANGELES DURING THE AFTERNOON OF THE 30TH. A BAND OF RAIN SPREAD ACROSS THE REGION LATE ON THE 26TH AND THE 27TH...WITH THE HEAVIEST RAIN FOCUSED ACROSS SANTA BARBARA AND VENTURA COUNTIES. THIS BAND OF RAIN ACTUALLY SHIFTED WESTWARD OUT OF LOS ANGELES COUNTY FOR A WHILE LATE ON THE 27TH AND THE 28TH...AS THE UPPER LOW WOBBLLED WESTWARD OFF THE COAST A BIT. THE MAIN BAND OF RAIN FINALLY MOVED EASTWARD AGAIN ON THE 29TH...BUT SHOWERS CONTINUED TO AFFECT THE REGION THROUGH THE EARLY MORNING HOURS OF THE 31ST. RAINFALL AMOUNTS WITH THIS SYSTEM AVERAGED ONE HALF TO ONE INCH ACROSS SAN LUIS OBISPO COUNTY...1 TO 3 INCHES ACROSS SANTA BARBARA COUNTY AND MOST OF VENTURA COUNTY...WITH LOCAL TOTALS OVER 4 INCHES IN THE MOUNTAINS OF VENTURA COUNTY. AMOUNTS TAPERED OFF RATHER SHARPLY ACROSS LOS ANGELES COUNTY...ESPECIALLY SOUTH OF THE MOUNTAINS...WHERE MOST COASTAL AND VALLEY AREAS RECEIVED TWO TENTHS OF AN INCH TO ONE HALF INCH OF RAIN. SOME OROGRAPHIC ENHANCEMENT OF THE RAIN LED TO HIGHER TOTALS IN THE FOOTHILLS AND MOUNTAINS OF LOS ANGELES COUNTY...WHERE PRECIPITATION TOTALS WERE MAINLY ONE HALF INCH TO AN INCH...WITH LOCAL TOTALS AROUND 2 INCHES. IN THE ANTELOPE VALLEY...RAINFALL TOTALED LESS THAN ONE QUARTER OF AN INCH. SNOW LEVELS WERE AROUND 5000 FEET...AND 4 TO 8 INCHES OF SNOW WAS REPORTED IN THE HIGHER ELEVATIONS...WITH LOCAL TOTALS NEAR TWO FEET IN THE HIGHEST PEAKS. UNFORTUNATELY...THIS STORM SYSTEM DID NOT PRODUCE ENOUGH PRECIPITATION TO END THE HIGH FIRE DANGER ACROSS LOS ANGELES COUNTY.

.....CLIMATE DATA FOR JANUARY 2007.....

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

L.A. DOWNTOWN	68.3	46.8	57.5	58.3	88/36	0.19	3.33	6%
L.A. ARPT	63.7	45.2	54.5	57.1	84/35	0.39	2.98	13%
LONG BEACH ARPT	65.5	42.5	54.0	57.0	87/31	0.20	2.95	7%
UCLA	66.4	48.8	57.6	57.9	86/36	0.58	4.09	14%
BURBANK ARPT	64.8	41.9	53.4	54.8	87/26	0.21	3.56	6%
WOODLAND HILLS	67.6	39.9	53.7	53.7	83/20	0.66	3.83	17%
LANCASTER ARPT	57.8	22.3	40.0	43.9	72/03	0.02	1.60	1%
SANDBERG	47.5	31.8	39.6	43.0	61/14	1.71	2.48	69%
CAMARILLO ARPT	65.0	40.0	52.5	55.6	85/27	1.17	3.41	34%
SANTA BARBARA ARPT	63.4	34.8	49.1	53.1	79/24	2.57	3.57	72%
SANTA MARIA ARPT	64.9	37.2	51.0	51.6	83/23	0.80	2.64	30%
PASO ROBLES ARPT	60.3	26.7	43.5	48.0	73/12	0.65	2.83	23%

\*\*\*\*\*FEBRUARY 2007\*\*\*\*\*

RAINFALL WAS BELOW NORMAL ACROSS ALL OF SOUTHWESTERN CALIFORNIA DURING THE MONTH OF FEBRUARY...AVERAGING 40 TO 60 PERCENT OF NORMAL ACROSS SAN LUIS OBISPO AND SANTA BARBARA COUNTIES...AND GENERALLY JUST 20 TO 40 PERCENT OF NORMAL ACROSS VENTURA AND LOS ANGELES COUNTIES.

TEMPERATURES FOR THE MONTH AVERAGED WITHIN A DEGREE OR TWO OF NORMAL IN MOST AREAS. UNLIKE IN JANUARY...THERE WERE NO EXTENDED COLD STRETCHES DURING THE MONTH OF FEBRUARY.

FROM THE 6TH THROUGH THE 10TH...A VERY LARGE UPPER LEVEL LOW PRESSURE SYSTEM MOVED INTO THE NORTHEASTERN PACIFIC. BANDS OF SUBTROPICAL MOISTURE WERE LIFTED NORTHWARD INTO THE WEST COAST...BUT RAIN REMAINED JUST TO THE NORTH OF THE FORECAST AREA. FINALLY ON THE 10TH...RAIN SPREAD ACROSS THE AREA...REACHING LOS ANGELES COUNTY AFTER MIDNIGHT ON THE 11TH. IN GENERAL...RAIN FELL FOR A 4 TO 8 HOUR PERIOD BEFORE TURNING TO SCATTERED SHOWERS. ACROSS SAN LUIS OBISPO AND SANTA BARBARA COUNTIES...RAINFALL FROM THIS STORM SYSTEM AVERAGED ONE HALF INCH TO ONE INCH...WITH LOCAL TOTALS OVER 2 INCHES IN THE FOOTHILLS AND MOUNTAINS. ACROSS VENTURA AND LOS ANGELES COUNTIES...RAINFALL AVERAGED BETWEEN ONE QUARTER AND ONE HALF INCH IN COASTAL AND VALLEY AREAS...AND ONE HALF INCH TO AN INCH IN THE FOOTHILLS AND MOUNTAINS. RAINFALL IN THE ANTELOPE VALLEY WAS MOSTLY LESS THAN ONE TENTH OF AN INCH. SNOW LEVELS WERE ABOVE 7500 FEET FOR MOST OF THE STORM...SO ANY SNOW ACCUMULATIONS WERE CONFINED TO THE HIGHER PEAKS.

AN UPPER LOW DROPPING SOUTHWARD JUST OFF THE CALIFORNIA COAST BROUGHT WIDESPREAD SHOWER ACTIVITY TO THE AREA ON THE 18TH INTO THE 19TH. DUE TO THE SHOWERY NATURE OF THE PRECIPITATION...RAINFALL TOTALS FROM THIS SYSTEM WERE HIGHLY VARIABLE. IN GENERAL...RAINFALL TOTALS AVERAGED BETWEEN ONE QUARTER AND ONE HALF INCH ACROSS THE AREA...WITH LOCAL TOTALS IN EXCESS OF ONE INCH IN THE MOUNTAINS. COASTAL SECTIONS OF LOS ANGELES AND VENTURA COUNTIES AND THE ANTELOPE VALLEY GENERALLY RECEIVED LESS THAN TWO TENTHS OF AN INCH.

SNOW LEVELS WERE AROUND 5500 FEET WITH THIS STORM...AND MANY LOCATIONS IN THE MOUNTAINS OF LOS ANGELES AND VENTURA COUNTIES RECEIVED 4 TO 8 INCHES OF SNOW ABOVE THIS LEVEL.

A FAIRLY COLD AND FAST MOVING STORM SYSTEM DROPPING OUT OF THE GULF OF ALASKA AFFECTED THE REGION ON THE 22ND. SHOWERS DEVELOPED ACROSS THE AREA DURING THE MORNING...CONTINUED THROUGH THE DAY... THEN TAPERED OFF DURING THE EVENING. THERE WERE EVEN A FEW

THUNDERSTORMS ACROSS THE AREA. ACROSS SAN LUIS OBISPO AND SANTA BARBARA COUNTIES...RAINFALL TOTALS AVERAGED ONE HALF INCH TO ONE INCH...WITH LOCAL TOTALS AROUND ONE AND A HALF INCHES. ACROSS VENTURA AND LOS ANGELES COUNTIES...RAINFALL TOTALS WERE ONCE AGAIN LOWER...AVERAGING ONE QUARTER TO ONE HALF INCH...WITH LOCALLY HIGHER AMOUNTS IN THE FOOTHILLS AND MOUNTAINS. RAINFALL IN THE ANTELOPE VALLEY WAS LESS THAN ONE TENTH OF AN INCH. SNOW LEVELS WERE BETWEEN 4000 AND 5000 FEET...AND ACCUMULATIONS OF 4 TO 7 INCHES WERE COMMON IN THE MOUNTAINS ABOVE 6000 FEET.

A COUPLE OF FAST MOVING SYSTEMS MOVED THROUGH THE AREA DURING THE LAST FEW DAYS OF THE MONTH. THE FIRST OF THESE...ON THE 25TH... BROUGHT RAIN TO ONLY SAN LUIS OBISPO AND SANTA BARBARA COUNTIES... WITH RAINFALL TOTALS LESS THAN A QUARTER OF AN INCH IN MOST AREAS. THE SECOND SYSTEM WAS A BIT STRONGER AND WETTER...BRINGING MEASURABLE RAIN TO THE ENTIRE AREA LATE ON THE 26TH AND 27TH. SOME SHOWERS LINGERED ACROSS THE MOUNTAINS INTO THE MORNING HOURS OF THE 28TH. RAINFALL TOTALS AVERAGED ONE QUARTER TO ONE HALF INCH ACROSS THE AREA...WITH SOMEWHAT HIGHER AMOUNTS IN THE MOUNTAINS OF LOS ANGELES AND VENTURA COUNTIES...WHERE TOTALS LOCALLY EXCEEDED ONE AND A HALF INCHES. SNOW LEVELS DROPPED DURING THE EVENING OF THE 27TH...DOWN TO BETWEEN 2500 AND 3000 FEET. ACROSS THE MOUNTAINS OF LOS ANGELES AND VENTURA COUNTIES...SNOW ACCUMULATIONS WERE MOSTLY 3 TO 6 INCHES...WITH LOCALLY HIGHER AMOUNTS ON THE NORTHERN SLOPES.

.....CLIMATE DATA FOR FEBRUARY 2007.....

PRECIP	AVG	AVG	AVG	NORM	MONTH	TOTAL	NORM	%
	HIGH	LOW	MONTH	MONTH	XTRMS	PRECIP	PRECIP	
NORM								
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L.A. DOWNTOWN	71.4	51.5	61.5	60.0	89/45	0.92	3.68	25%
L.A. ARPT	65.1	49.8	57.5	58.0	87/43	0.82	3.11	26%
LONG BEACH ARPT	67.3	47.6	57.5	58.3	88/40	0.49	3.01	16%
UCLA	68.2	50.1	59.2	58.4	87/42	1.10	4.93	22%
BURBANK ARPT	67.7	45.8	56.8	56.9	85/37	1.29	4.29	30%
WOODLAND HILLS	70.9	40.8	55.8	55.4	87/31	1.88	3.83	50%
LANCASTER ARPT	51.6	37.3	48.4	47.6	77/19	0.74	1.62	46%
SANDBERG	62.3	34.4	44.4	44.5	67/25	0.97	3.21	30%
CAMARILLO ARPT	66.9	42.8	54.9	56.2	87/35	0.58	3.90	15%
SANTA BARBARA ARPT	65.2	42.3	53.7	55.2	82/35	2.02	4.28	47%
SANTA MARIA ARPT	66.2	44.3	55.2	53.1	87/36	1.62	3.23	50%
PASO ROBLES ARPT	62.1	38.1	50.1	51.1	82/30	1.40	2.87	49%

\*\*\*\*\*MARCH  
2007\*\*\*\*\*

MARCH WAS EXTREMELY DRY ACROSS SOUTHWESTERN CALIFORNIA...WITH LITTLE IN THE WAY OF MEASURABLE RAIN FOR THE ENTIRE MONTH. MOST LOCATIONS RECORDED LESS THAN 5 PERCENT OF NORMAL RAINFALL FOR THE MONTH.

TEMPERATURES WERE GENERALLY 2 TO 4 DEGREES ABOVE NORMAL ACROSS THE FORECAST AREA...EXCEPT 4 TO MORE THAN 6 DEGREES ABOVE NORMAL ACROSS PORTIONS OF SAN LUIS OBISPO COUNTY AND NORTHERN SANTA BARBARA COUNTY...IN THE ANTELOPE VALLEY AND IN THE MOUNTAINS.

IN DOWNTOWN LOS ANGELES...TEMPERATURES REACHED 70 DEGREES OR HIGHER ON 20 DAYS IN MARCH 2007...ABOVE THE AVERAGE OF 13 DAYS. BY

CONTRAST...THE VERY COOL MARCH OF 2006 PRODUCED JUST 2 SUCH DAYS. LOW TEMPERATURES DROPPED BELOW 50 DEGREES ON JUST 4 DAYS IN DOWNTOWN LOS ANGELES...BELOW THE AVERAGE OF 11 DAYS. TEMPERATURES WERE ABOVE NORMAL IN DOWNTOWN LOS ANGELES ON 24 DAYS IN MARCH...BELOW NORMAL ON 6 DAYS...WHILE 1 DAY AVERAGED EXACTLY NORMAL.

STRONG NORTHWEST TO NORTH WINDS DEVELOPED IN THE MOUNTAINS AND ADJACENT SOUTH COAST OF SANTA BARBARA COUNTY AND IN THE MOUNTAINS OF VENTURA AND LOS ANGELES COUNTIES LATE ON THE 1ST AND INTO THE 2ND BEHIND A DRY FRONTAL SYSTEM. WINDS GUSTS WERE MOSTLY BETWEEN 40 AND 50 MPH IN THESE AREAS...BUT STRONGER GUSTS INCLUDE 64 MPH AT MONTECITO HILLS...57 MPH AT MALIBU HILLS...AND 75 MPH AT WHITAKER PEAK. THE FLOW TURNED NORTHEASTERLY AND INCREASED DURING THE LATE NIGHT HOURS OF THE 2ND AND THE MORNING OF THE 3RD...AND STRONG WINDS SPREAD INTO THE VALLEYS AND COASTAL AREAS OF VENTURA AND LOS ANGELES COUNTIES. SUSTAINED WINDS IN COASTAL AND VALLEY AREAS WERE MOSTLY BETWEEN 25 AND 35 MPH...WITH GUSTS OVER 50 MPH IN FAVORED AREAS. IN THE MOUNTAINS...WINDS WERE STRONGER...WITH GUSTS TO 75 MPH AT MALIBU HILLS...68 MPH AT WARM SPRINGS AND 66 MPH AT WILEY RIDGE.

ANOTHER ROUND OF GUSTY OFFSHORE WINDS AFFECTED THE AREA ON THE 11TH. THESE WINDS WERE ACCOMPANIED BY VERY WARM CONDITIONS...AND HIGH TEMPERATURES IN MANY VALLEY AND COASTAL AREAS OF LOS ANGELES AND VENTURA COUNTIES APPROACHED OR EXCEEDED 90 DEGREES. THE COMBINATION OF THE HIGH TEMPERATURES...GUSTY WINDS AND LOW RELATIVE HUMIDITIES PROMPTED THE ISSUANCE OF RED FLAG WARNINGS FROM THE 11TH THROUGH THE 13TH.

A FAST MOVING STORM SYSTEM SWEEPED ACROSS CENTRAL CALIFORNIA ON THE 20TH. ALTHOUGH LIGHT AMOUNTS OF MEASURABLE RAIN DID OCCUR IN MOST AREAS ON THE 20TH INTO THE 21ST...THE INSIDE TRACK OF THIS STORM SYSTEM LIMITED RAINFALL ACROSS THE REGION. RAINFALL AVERAGED LESS THAN ONE QUARTER OF AN INCH IN MOST AREAS...WITH TOTALS GENERALLY LESS THAN A TENTH OF AN INCH ACROSS MOST COASTAL AREAS OF LOS ANGELES AND VENTURA COUNTIES...AND THE ANTELOPE VALLEY. HIGHER TOTALS OF ONE QUARTER TO ONE HALF INCH WERE CONFINED TO THE MOUNTAINS.

ANOTHER FAST MOVING FRONTAL SYSTEM SWEEPED THROUGH THE REGION ON THE 26TH AND 27TH. ONCE AGAIN MOISTURE WAS VERY LIMITED WITH THIS SYSTEM...AND MOST AREAS RECEIVED ONE TENTH OF AN INCH OF RAIN OR LESS. THE EXCEPTION WAS ACROSS THE MOUNTAINS...WHERE PRECIPITATION TOTALS WERE SOMEWHAT HIGHER. SNOW LEVELS WERE AROUND 3500 FEET...AND A FEW INCHES OF SNOW ACCUMULATED IN THE MOUNTAINS OF LOS ANGELES AND VENTURA COUNTIES...ESPECIALLY ON THE NORTHERN SLOPES ON THE 27TH INTO THE 28TH. DURING THE AFTERNOON OF THE 27TH...A LINE OF THUNDERSTORMS DEVELOPED ACROSS LOS ANGELES COUNTY...PRODUCING SMALL HAIL AND BRIEFLY HEAVY RAIN. ISOLATED DOWNBURST WINDS FROM THESE THUNDERSTORMS KNOCKED DOWN ABOUT 20 POWER POLES AND AN ELECTRICAL TRANSMITTER IN THE CITY OF COMMERCE AND MONTEBELLO. WIDESPREAD STRONG WEST TO NORTHWEST WINDS DEVELOPED ACROSS THE AREA BEHIND THE FRONT ON THE 27TH WITH GUSTS OF 30 TO 50 MPH COMMON. UP TO 200000 PEOPLE WERE LEFT WITHOUT POWER DUE TO THE STRONG WINDS.

.....CLIMATE DATA FOR MARCH 2007.....

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

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L.A. DOWNTOWN	73.3	53.1	63.2	60.7	93/47	0.05	3.14	2%
L.A. ARPT	67.2	52.7	60.0	58.3	86/45	0.09	2.40	4%
LONG BEACH ARPT	73.2	52.2	62.7	59.7	94/40	0.03	2.43	1%
UCLA	71.1	53.5	62.3	58.7	91/47	0.01	3.54	0%
BURBANK ARPT	73.6	50.5	62.1	58.4	93/44	0.06	3.88	2%
WOODLAND HILLS	79.2	45.0	62.1	57.2	94/34	0.02	3.60	1%
LANCASTER ARPT	74.8	40.9	57.9	51.9	89/27	0.19	1.44	13%
SANDBERG	63.2	44.5	53.9	45.8	80/27	0.28	2.29	12%
CAMARILLO ARPT	69.6	46.6	58.1	56.7	94/32	TRACE	3.04	0%
SANTA BARBARA ARPT	67.1	46.2	56.7	56.7	89/38	0.03	3.51	1%
SANTA MARIA ARPT	72.0	46.5	59.3	53.8	94/37	0.17	2.94	6%
PASO ROBLES ARPT	75.0	40.1	57.5	53.5	91/30	0.07	2.66	3%

\*\*\*\*\*APRIL 2007\*\*\*\*\*

RAINFALL IN APRIL WAS BELOW NORMAL AGAIN ACROSS MOST OF SOUTHWESTERN CALIFORNIA...BUT WAS CLOSER TO NORMAL THAN THE PREVIOUS SEVERAL MONTHS.

RAINFALL TOTALS IN APRIL WERE GENERALLY 60 TO 90 PERCENT OF NORMAL FOR THE MONTH.

TEMPERATURES IN APRIL WERE ABOUT A DEGREE OR SO BELOW NORMAL IN MOST AREAS...EXCEPT ABOUT 2 TO 4 DEGREES ABOVE NORMAL ON THE CENTRAL COAST...IN THE MOUNTAINS AND THE ANTELOPE VALLEY. APRIL 20TH WAS A NOTABLY COLD DAY ACROSS SOUTHWESTERN CALIFORNIA. THE HIGH TEMPERATURE OF 55 DEGREES IN DOWNTOWN LOS ANGELES SET A NEW RECORD LOW MAXIMUM FOR THE DATE...BREAKING THE OLD RECORD OF 57 DEGREES.

A VIGOROUS UPPER LEVEL TROUGH MOVED ACROSS CENTRAL CALIFORNIA ON THE 11TH...BUT AS WAS THE CASE FOR MOST OF THE WINTER...ITS TRACK WAS TOO FAR NORTH TO BRING MUCH RAIN TO THE AREA. MEASURABLE PRECIPITATION WAS LIMITED TO SAN LUIS OBISPO COUNTY AND THE NORTHERN MOUNTAINS...AND AMOUNTS WERE GENERALLY ONE TENTH OF AN INCH OR LESS. BEHIND THE SYSTEM...WIDESPREAD STRONG WEST TO NORTHWEST WINDS DEVELOPED ACROSS THE REGION DURING THE AFTERNOON OF THE 11TH AND CONTINUED INTO THE 12TH. PEAK WIND GUSTS INCLUDED 86 MPH AT WHITAKER PEAK...75 MPH AT WARM SPRINGS...69 MPH AT SANDBERG...65 MPH IN SAUGUS AND IN POPPY PARK...55 MPH AT PORT HUENEME...48 MPH AT BURBANK...45 MPH IN SANTA BARBARA...38 MPH AT LOS ANGELES AIRPORT AND 35 MPH IN DOWNTOWN LOS ANGELES. ONE PERSON WAS INJURED BY FLYING DEBRIS IN UNIVERSAL CITY. THE WINDS KNOCKED DOWN TREES...LEFT OVER 250000 PEOPLE WITHOUT POWER AND FUELED A 15 ACRE WILDFIRE IN THE BEVERLY GLEN AREA WHICH DESTROYED A MULTI-MILLION DOLLAR HOME.

IN ADDITION TO THE STRONG WINDS...HIGH SURF AND DANGEROUS RIP CURRENTS AFFECTED THE COAST. ONE PERSON HAD TO BE RESCUED BY THE FIRE DEPARTMENT WHEN THEY WERE PULLED AWAY FROM SHORE BY STRONG RIP CURRENTS NEAR PORT HUENEME. TWO PEOPLE HAD TO BE RESCUED WHEN THEY WERE OVERCOME BY HIGH SURF AFTER JUMPING OFF VENTURA PIER.

ANOTHER FAST MOVING STORM PUSHED INTO CALIFORNIA ON THE 14TH AND 15TH. ONCE AGAIN...THE HEAVIEST PRECIPITATION FROM THIS STORM STAYED TO THE NORTH OF SOUTHWESTERN CALIFORNIA...WITH RAINFALL AMOUNTS ACROSS THE REGION MOSTLY ONE TENTH OF AN INCH OR LESS. THERE WERE ISOLATED TOTALS OVER ONE QUARTER OF AN INCH WHERE SOME HEAVIER SHOWERS AND THUNDERSTORMS DEVELOPED. IN THE MOUNTAINS...SNOW FELL ABOVE 4500 FEET...AND SNOW ACCUMULATIONS AVERAGED 1 TO 2 INCHES. ANOTHER ROUND OF GUSTY WEST TO NORTHWEST WINDS AFFECTED THE AREA ON THE 15TH... WITH WIND GUSTS OF 30 TO 40 MPH COMMON.

YET ANOTHER IN A SERIES OF FAST MOVING STORMS TRACKED TO THE NORTH AND EAST OF THE AREA ON THE 18TH...BRINGING ANOTHER ROUND OF GUSTY WINDS TO THE REGION. PEAK WIND GUSTS INCLUDED 72 MPH AT WHITAKER PEAK...51 MPH AT NEWHALL PASS...40 MPH IN VANDENBERG...39 MPH IN OXNARD AND LOS ANGELES AIRPORT AND 38 MPH AT LONG BEACH AIRPORT.

ON THE 19TH...A SMALL BUT POTENT UPPER LOW DROPPED SOUTHWARD PARALLEL TO THE COAST OF CALIFORNIA...REACHING A POSITION JUST SOUTH OF POINT CONCEPTION ON THE MORNING OF THE 20TH. IT THEN TURNED EASTWARD...MOVING ASHORE OVER LOS ANGELES COUNTY DURING THE LATE AFTERNOON OF THE 20TH. SINCE THIS SYSTEM TOOK A TRACK OVER THE OCEAN...IT WAS ABLE TO PICK UP SOME MOISTURE FROM THE PACIFIC. THIS STORM PRODUCED A 4 TO 8 HOUR PERIOD OF LIGHT TO MODERATE RAIN ACROSS MOST OF THE AREA...WITH SNOW ABOVE 5000 FEET...FOLLOWED BY SCATTERED SHOWERS. RAINFALL FROM THIS SYSTEM AVERAGED ONE THIRD OF AN INCH TO AN INCH ACROSS THE REGION...WITH LOCAL TOTALS OVER 1 INCH...MAINLY IN THE MOUNTAINS AND FOOTHILLS OF LOS ANGELES COUNTY. MOST OF THE ANTELOPE VALLEY RECEIVED LESS THAN A TENTH OF AN INCH OF RAIN FROM THIS STORM. SNOW ACCUMULATIONS OF 6 TO 10 INCHES WERE COMMON ACROSS THE MOUNTAINS OF LOS ANGELES AND VENTURA COUNTIES.

IT WAS THE WETTEST STORM OF THE SEASON IN DOWNTOWN LOS ANGELES... PRODUCING 0.50 INCHES OF RAIN...OR 16 PERCENT OF THE RAINFALL TOTAL THIS SEASON. APRIL 20TH WAS THE FIRST...AND ULTIMATELY THE ONLY DAY OF THE RAIN SEASON ON WHICH ONE HALF INCH OR MORE OR RAIN WAS RECORDED IN DOWNTOWN LOS ANGELES.

ON THE 23RD...A WEAKENING COLD FRONT ASSOCIATED WITH A TROUGH MOVING ACROSS CENTRAL AND NORTHERN CALIFORNIA PUSHED THROUGH THE AREA. RAINFALL TOTALS WERE BETWEEN ONE TENTH OF AN INCH AND ONE THIRD OF AN INCH ACROSS MOST OF SAN LUIS OBISPO AND SANTA BARBARA COUNTIES... AND LESS THAN ONE TENTH OF AN INCH ACROSS VENTURA AND LOS ANGELES COUNTIES.

.....CLIMATE DATA FOR APRIL 2007.....

	AVG	AVG	AVG	NORM	MONTH	TOTAL	NORM	
PRECIP	HIGH	LOW	MONTH	MONTH	XTRMS	PRECIP	PRECIP	%
NORM	-----							
-	-----							
L.A. DOWNTOWN	71.0	54.2	62.6	63.8	84/46	0.74	0.83	89%
L.A. ARPT	66.3	53.9	59.4	60.1	74/47	0.36	0.63	57%
LONG BEACH ARPT	70.2	55.1	62.6	63.0	82/47	0.48	0.60	80%
UCLA	68.0	52.6	60.3	61.3	78/45	0.50	0.86	58%
BURBANK ARPT	71.4	51.5	61.4	62.2	92/43	0.44	1.02	43%
WOODLAND HILLS	78.2	46.4	62.3	61.3	98/37	0.58	0.88	66%
LANCASTER ARPT	76.4	47.9	62.1	58.0	96/29	TRACE	0.32	0%
SANDBERG	62.9	43.6	53.2	50.4	86/28	0.30	0.60	50%
CAMARILLO ARPT	66.9	47.1	57.0	58.6	77/39	0.52	0.72	72%
SANTA BARBARA ARPT	66.1	46.8	56.4	58.9	78/40	1.11	0.63	176%
SANTA MARIA ARPT	69.7	46.5	58.1	55.5	84/38	0.61	0.91	67%
PASO ROBLES ARPT	76.7	41.0	58.8	57.3	98/31	0.19	0.68	28%

\*\*\*\*\*MAY 2007\*\*\*\*\*

WITH THE EXCEPTION OF SAN LUIS OBISPO COUNTY AND NORTHERN SANTA BARBARA



COUNTY...MOST LOCATIONS IN SOUTHWESTERN CALIFORNIA RECEIVED NO MEASURABLE RAIN DURING MONTH OF MAY.

TEMPERATURES IN MAY GENERALLY AVERAGED WITHIN A DEGREE OR TWO OF NORMAL...EXCEPT AVERAGED 3 TO 5 DEGREES ABOVE NORMAL IN THE MOUNTAINS AND DESERTS.

A WEAKENING FRONTAL SYSTEM BROUGHT MEASURABLE RAIN TO SAN LUIS OBISPO COUNTY AND NORTHERN SANTA BARBARA COUNTY ON THE 4TH. RAINFALL TOTALS WERE MOSTLY LESS THAN ONE TENTH OF AN INCH.

ON MAY 5TH AND 6TH...AN UNUSUALLY LATE-SEASON SANTA ANA WIND EVENT AFFECTED THE MOUNTAINS AND VALLEYS OF LOS ANGELES AND VENTURA COUNTIES.

PEAK WIND GUSTS INCLUDED 64 MPH AT LAGUNA PEAK...52 MPH AT WARM SPRINGS...46 MPH AT MONTECITO HILLS...45 MPH AT SAUGUS AND 40 MPH AT LEO CARRILLO BEACH. THE OFFSHORE WINDS BROUGHT RECORD OR NEAR RECORD HIGH TEMPERATURES TO MANY COASTAL AND VALLEY AREAS OF LOS ANGELES AND VENTURA COUNTIES ON THE 7TH AND 8TH...WITH HIGHS WELL INTO THE 90S IN MANY LOCATIONS. RECORD HIGHS OF 97 AND 98 DEGREES WERE REPORTED AT LONG BEACHES ON THE 7TH AND 8TH RESPECTIVELY...AND THE HIGH OF 97 DEGREES IN DOWNTOWN LOS ANGELES ON THE 8TH SET A NEW RECORD. A FEW LOCATIONS EVEN TOPPED 100 DEGREES.

THE COMBINATION OF GUSTY WINDS...HIGH TEMPERATURES...AND VERY LOW RELATIVE HUMIDITIES RAISED FIRE DANGER TO CRITICAL LEVELS...AND RED FLAG WARNINGS WERE NEEDED FOR THE MOUNTAINS AND VALLEYS OF LOS ANGELES...VENTURA AND SANTA BARBARA COUNTIES FOR THE 6TH AND 7TH. EVEN AFTER THE WINDS SUBSIDED...RELATIVE HUMIDITIES REMAINED CRITICALLY LOW IN THESE AREAS...AND THE WARNINGS CONTINUED THROUGH THE 10TH...DUE TO THE PROLONGED PERIOD OF EXTREMELY LOW RELATIVE HUMIDITIES.

A WILDFIRE BROKE OUT IN GRIFFITH PARK ON THE 8TH...CONSUMING OVER 800 ACRES AND FORCING CLOSURES OF THE LOS ANGELES COUNTY ZOO... A GOLF COURSE...A BOYS CAMP...AND THE GRIFFITH PARK OBSERVATORY. NEARLY 150 HOMES WERE EVACUATED IN THE NEARBY LOS FELIZ AREA.

ON THE 10TH...ANOTHER FIRE BEGAN ON SANTA CATALINA ISLAND. IT BURNED 4750 ACRES...AND FORCED NEARLY 4000 PEOPLE TO BE EVACUATED FROM THE ISLAND. THEY WERE NOT ALLOWED TO RETURN UNTIL THE 14TH. HUNDREDS OF FIREFIGHTING CREWS WERE INVOLVED IN BATTLING THE FIRE...AND THE UNITED STATES COAST GUARD AND THE NAVY ASSISTED IN TRANSPORTING EVACUEES AND EQUIPMENT.

.....CLIMATE DATA FOR MAY 2007.....

	AVG	AVG	AVG	NORM	MONTH	TOTAL	NORM	
PRECIP	HIGH	LOW	MONTH	MONTH	XTRMS	PRECIP	PRECIP	%
NORM	-----							
L.A. DOWNTOWN	73.6	56.7	65.2	66.2	97/53	0.00	0.31	0%
L.A. ARPT	67.7	56.5	62.1	63.1	91/53	0.00	0.24	0%
LONG BEACH ARPT	73.9	57.8	65.9	65.9	98/54	0.00	0.23	0%
UCLA	70.5	55.5	63.0	62.9	94/51	TRACE	0.34	0%
BURBANK ARPT	75.7	55.4	65.5	65.9	95/50	0.00	0.37	0%
WOODLAND HILLS	83.3	49.8	66.6	65.2	97/43	0.00	0.00	0%
LANCASTER ARPT	85.3	53.4	69.3	66.1	92/37	0.00	0.12	0%

SANDBERG	72.9	51.5	62.2	57.4	82/34	TRACE	0.28	0%
CAMARILLO ARPT	68.2	50.6	59.4	60.5	94/45	TRACE	0.21	0%
SANTA BARBARA ARPT	67.4	49.0	58.2	60.9	90/44	0.00	0.23	0%
SANTA MARIA ARPT	70.1	47.8	58.9	57.8	93/42	0.04	0.32	13%
PASO ROBLES ARPT	83.4	44.9	64.2	63.3	98/38	TRACE	0.23	0%

\*\*\*\*\*JUNE 2007\*\*\*\*\*

AS IS TYPICAL IN SOUTHWESTERN CALIFORNIA...JUNE WAS VERY DRY...WITH MOST AREAS RECEIVING NO RAIN OR JUST A TRACE OF RAIN.

TEMPERATURES IN JUNE WERE GENERALLY NEAR NORMAL TO A COUPLE OF DEGREES BELOW NORMAL IN MOST AREAS...EXCEPT THEY WERE 2 TO 4 DEGREES ABOVE NORMAL IN THE MOUNTAINS AND DESERTS.

ON THE 5TH AND 6TH...GUSTY WEST TO NORTHWEST WINDS AFFECTED THE REGION...ESPECIALLY THE MOUNTAINS OF LOS ANGELES...VENTURA AND SANTA BARBARA COUNTIES...AND THE SOUTH COAST OF SANTA BARBARA COUNTY. PEAK WIND GUSTS INCLUDE 54 MPH AT SANDBERG...45 MPH AT MONTECITO HILLS...44 MPH IN SAUGUS...41 MPH AT LAS FLORES CANYON AND 38 MPH IN SANTA BARBARA.

.....CLIMATE DATA FOR JUNE 2007.....

	AVG	AVG	AVG	NORM	MONTH	TOTAL	NORM	
PRECIP	HIGH	LOW	MONTH	MONTH	XTRMS	PRECIP	PRECIP	%
NORM	-----							
L.A. DOWNTOWN	77.6	60.1	68.9	70.5	84/54	0.00	0.06	0%
L.A. ARPT	69.8	59.8	64.8	66.4	76/55	TRACE	0.08	0%
LONG BEACH ARPT	75.9	61.5	68.7	69.8	85/57	TRACE	0.08	0%
UCLA	72.8	57.8	65.3	66.3	79/53	0.00	0.11	0%
BURBANK ARPT	81.7	58.8	70.2	70.8	91/54	0.00	0.12	0%
WOODLAND HILLS	90.4	53.1	71.8	71.0	99/48	0.00	0.07	0%
LANCASTER ARPT	93.9	63.9	78.9	74.8	103/46	0.00	0.05	0%
SANDBERG	80.8	58.4	69.6	67.0	92/38	0.00	0.07	0%
CAMARILLO ARPT	70.6	58.4	61.7	63.3	78/47	0.00	0.05	0%
SANTA BARBARA ARPT	70.0	52.3	61.2	64.2	79/48	0.00	0.05	0%
SANTA MARIA ARPT	71.0	52.3	60.8	60.9	82/44	0.00	0.05	0%
PASO ROBLES ARPT	90.8	49.6	70.2	69.4	106/42	0.00	0.02	0%

\*\*\*\*\*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.....

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



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

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

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\*\*\*\*\*DOWNTOWN LOS ANGELES ANNUAL CLIMATE SUMMARY FOR  
 2007\*\*\*\*\*

(TEMPERATURE AND PRECIPITATION NORMALS ARE TAKEN FROM THE  
 30-YEAR NORMALS FROM THE 1971-2000 PERIOD)

PRECIPITATION IN INCHES

	TEMPERATURES			TEMP	PRECIPITATION		
	AVG MAX	AVG MIN	AVG	EXTREMES	ACTUAL	NORMAL	% NORMAL
JANUARY	68.3	46.8	57.5	88/36	0.19	3.33	6 %
NORMAL	68.1	48.5	58.3				
FEBRUARY	71.4	51.5	61.5	89/45	0.92	3.68	25 %
NORMAL	69.6	50.3	60.0				
MARCH	73.3	53.1	63.2	93/47	0.05	3.14	2 %
NORMAL	69.8	51.6	60.7				

APRIL	71.0	54.2	62.6	84/46	0.74	0.83	89 %
NORMAL	73.1	54.4	63.8				
MAY	73.6	56.7	65.2	97/53	0.00	0.31	0 %
NORMAL	74.5	57.9	66.2				
JUNE	77.6	60.1	68.9	84/54	0.00	0.06	0 %
NORMAL	79.5	61.4	70.5				
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				
ANNUAL	75.0	56.2	65.6	101/36	5.66	15.14	37 %
NORMAL	75.6	56.6	66.1				

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

BRUNO/EMCH/KAPLAN