

PUBLIC INFORMATION STATEMENT

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NATIONAL WEATHER SERVICE LOS ANGELES/OXNARD CA
545 AM PST FEB 24 2009

...SOUTHWESTERN CALIFORNIA WEATHER REVIEW FOR 2008...

*****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.....

PRECIP	AVG	AVG	AVG	NORM	MONTH	TOTAL	NORM		
	HIGH	LOW	MONTH	MONTH	XTRMS	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	AVG	AVG	NORM	MONTH	TOTAL	NORM	
PRECIP	HIGH	LOW	MONTH	MONTH	XTRMS	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	AVG	AVG	NORM	MONTH	TOTAL	NORM	
PRECIP	HIGH	LOW	MONTH	MONTH	XTRMS	PRECIP	PRECIP	%
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	AVG	AVG	NORM	MONTH	TOTAL	NORM	
PRECIP	HIGH	LOW	MONTH	MONTH	XTRMS	PRECIP	PRECIP	%
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	AVG	AVG	NORM	MONTH	TOTAL	NORM	
PRECIP	HIGH	LOW	MONTH	MONTH	XTRMS	PRECIP	PRECIP	%
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 WOODLAND HILLS...AND ON THE LAST 5 DAYS AT PASO ROBLES. EXCESSIVE HEAT WARNINGS WERE ISSUED FOR MANY LOCATIONS.

ON THE 19TH...MANY DAILY RECORD HIGH TEMPERATURES WERE SET... INCLUDING 109 IN WOODLAND HILLS...108 IN OJAI 93 AT MOUNT WILSON...AND 88 DEGREES IN OXNARD. THE 20TH WAS THE HOTTEST DAY OF THE MONTH IN MANY LOCATIONS. RECORD DAILY HIGHS THAT WERE SET OR TIED ON THE 20TH INCLUDED 111 DEGREES IN WOODLAND HILLS...107 DEGREES IN PASO ROBLES...106 DEGREES IN BURBANK AND 93 DEGREES IN OXNARD AND CAMARILLO. THE HIGH TEMPERATURE OF 110 DEGREES AT SANTA MARIA AIRPORT BROKE THE RECORD NOT JUST FOR THE DAY OR THE THE MONTH OF JUNE...BUT FOR THE ENTIRE YEAR. IT BROKE THE OLD RECORD OF 109 DEGREES SET JUNE 21ST 1929.

THE COMBINATION OF AN EXTENDED PERIOD OF HIGH HEAT AND EXTREMELY DRY CONDITIONS RESULTED IN RED FLAG WARNING CONDITIONS ACROSS MUCH OF SOUTHWESTERN CALIFORNIA FROM THE 18TH THROUGH THE 21ST. THEN...VERY DRY AND LOCALLY WINDY CONDITIONS MAINTAINED RED FLAG WARNING CONDITIONS ACROSS MUCH OF SANTA BARBARA AND SAN LUIS OBISPO COUNTIES THROUGH THE 24TH.

.....CLIMATE DATA FOR JUNE 2008.....

	AVG	AVG	AVG	NORM	MONTH	TOTAL	NORM	
PRECIP	HIGH	LOW	MONTH	MONTH	XTRMS	PRECIP	PRECIP	%
NORM	-----							
L.A. DOWNTOWN	81.0	62.2	71.6	70.5	97/56	0.00	0.06	0%
L.A. ARPT	73.9	62.9	68.4	66.4	92/57	0.00	0.08	0%

LONG BEACH ARPT	79.0	61.2	70.1	69.8	100/56	0.00	0.08	0%
UCLA	76.0	59.5	67.8	66.3	93/53	0.00	0.11	0%
BURBANK ARPT	86.0	61.7	73.9	70.8	107/53	0.00	0.12	0%
WOODLAND HILLS	93.5	54.2	73.9	71.0	112/46	0.00	0.07	0%
LANCASTER ARPT	95.9	64.0	79.9	74.8	106/50	0.00	0.05	0%
SANDBERG	79.8	58.8	69.3	67.0	91/45	0.00	0.07	0%
CAMARILLO ARPT	75.1	55.2	65.2	63.3	93/50	0.00	0.05	0%
SANTA BARBARA ARPT	74.9	54.7	64.8	64.2	98/48	0.00	0.05	0%
SANTA MARIA ARPT	74.0	49.6	61.8	60.9	110/44	0.00	0.05	0%
PASO ROBLES ARPT	92.6	49.0	70.8	69.4	108/42	0.00	0.02	0%

*****JULY 2008*****

AS IS TYPICAL IN SOUTHWESTERN CALIFORNIA...JULY WAS VERY DRY...WITH MOST AREAS RECEIVING NO MEASURABLE RAIN. HOWEVER...SOME THUNDERSTORM ACTIVITY DURING THE MIDDLE OF THE MONTH BROUGHT LOCALLY HEAVY RAIN AND ISOLATED FLASH FLOODING TO PORTIONS OF THE REGION.

TEMPERATURES IN JULY WERE GENERALLY WITHIN A DEGREE OR TWO OF NORMAL ACROSS THE REGION...EXCEPT 3 TO 5 DEGREES ABOVE NORMAL IN THE ANTELOPE VALLEY.

DURING THE SECOND WEEK OF THE MONTH...HEAT BEGAN TO BUILD ACROSS THE MOUNTAINS...DESERTS AND INTERIOR VALLEY. ON THE 8TH...HIGH TEMPERATURES OF 111 DEGREES BROKE DAILY RECORDS IN LANCASTER AND PASO ROBLES...AND THE HIGH OF 110 DEGREES BROKE THE DAILY RECORD IN PALMDALE. AT SANDBERG...THE HIGH TEMPERATURE OF 98 DEGREES MATCHED THE RECORD FOR THE DAY. ON THE 9TH...HIGH TEMPERATURES OF 112 DEGREES AT PALMDALE SURPASSED THE RECORD FOR THE DAY...WHILE THE MAXIMUM OF 112 DEGREES OF LANCASTER TIED THE RECORD.

DURING THE AFTERNOON OF THE 12TH...A SURGE OF MONSOONAL MOISTURE CAUSED STRONG THUNDERSTORMS ACROSS THE EASTERN ANTELOPE VALLEY AND SAN GABRIEL MOUNTAINS. VERY HEAVY RAINFALL WAS REPORTED BY A SPOTTER...WITH RATES OVER AN INCH AND A HALF PER HOUR. ON BIG PINES HIGHWAY...THE RAIN PRODUCED SIGNIFICANT ROAD FLOODING WITH DEBRIS OVER THE ROADWAY.

ON THE 13TH...THE MONSOONAL SURGE ACROSS THE REGION STRENGTHENED. THUNDERSTORMS DEVELOPED IN THE MOUNTAINS OF VENTURA AND LOS ANGELES COUNTIES EARLY IN THE AFTERNOON...WITH ADDITIONAL SHOWER ACTIVITY IN THE ANTELOPE VALLEY LATER IN THE DAY. AT LOCKWOOD VALLEY YARD...2.21 INCHES OF RAIN WAS MEASURED IN 1 HOUR AND 15 MINUTES...AND MUD AND DEBRIS FLOW PROBLEMS REPORTED ACROSS LOCKWOOD VALLEY ROAD. LATER THAT AFTERNOON AND EVENING...FLASH FLOODING AFFECTED PORTIONS OF HIGHWAY 138 FROM NEAR THE TOWN OF LLANO TO PEARBLOSSOM. A SPOTTER REPORTED WATER AND DEBRIS UP TO 6 INCHES DEEP ON PORTIONS OF THE ROADWAY.

ON THE 14TH...THUNDERSTORM ACTIVITY ONCE AGAIN DEVELOPED ACROSS THE MOUNTAINS OF VENTURA COUNTY. IN LOCKWOOD VALLEY...HEAVY RAINS OCCURRED FOR THE SECOND DAY IN A ROW. PORTIONS OF LOCKWOOD VALLEY ROAD WERE FLOODED UNDER 2 FEET OF WATER DUE TO A SLOW MOVING THUNDERSTORM DURING THE EARLY TO MID AFTERNOON HOURS.

.....CLIMATE DATA FOR JULY 2008.....

PRECIP	AVG	AVG	AVG	NORM	MONTH	TOTAL	NORM	
NORM	HIGH	LOW	MONTH	MONTH	XTRMS	PRECIP	PRECIP	%
L.A. DOWNTOWN	82.3	65.0	73.6	74.2	89/62	0.00	0.01	0%
L.A. ARPT	74.5	65.2	69.8	69.3	82/62	0.00	0.03	0%
LONG BEACH ARPT	79.8	64.3	72.1	73.8	89/62	0.00	0.02	0%
UCLA	77.0	62.4	69.7	69.5	84/59	0.00	0.02	0%
BURBANK ARPT	87.2	64.5	75.8	75.5	97/60	0.00	0.02	0%
WOODLAND HILLS	95.0	58.8	76.9	76.0	101/54	0.00	0.01	0%
LANCASTER ARPT	99.5	69.8	84.7	80.8	112/56	0.00	0.10	0%
SANDBERG	85.6	64.0	74.8	73.8	98/58	0.00	0.02	0%
CAMARILLO ARPT	75.7	59.8	67.7	65.9	83/54	0.00	0.02	0%
SANTA BARBARA ARPT	73.8	59.3	66.5	67.0	84/55	0.00	0.03	0%
SANTA MARIA ARPT	72.6	54.8	63.7	63.5	86/50	0.00	0.03	0%
PASO ROBLES ARPT	95.4	54.4	74.9	73.8	111/48	0.00	0.01	0%

*****AUGUST 2008*****

ALTHOUGH MOST OF THE REGION HAD NO MEASURABLE RAINFALL AGAIN IN AUGUST...A FEW LOCATIONS DID REPORT LIGHT AMOUNTS.

AVERAGE TEMPERATURES FOR THE MONTH OF AUGUST WERE GENERALLY WITHIN A DEGREE OR TWO OF NORMAL IN MOST AREAS...EXCEPT ONCE AGAIN WERE BETWEEN 3 AND 5 DEGREES ABOVE NORMAL ACROSS THE ANTELOPE VALLEY.

ON THE 13TH...VERY WARM AND EXTREMELY DRY CONDITIONS PROMPTED THE ISSUANCE OF RED FLAG WARNINGS ACROSS THE ANTELOPE VALLEY AND THE MOUNTAINS OF LOS ANGELES COUNTY.

A WEAK UPPER LEVEL DISTURBANCE PUSHED ACROSS LOS ANGELES COUNTY AND INTO THE COASTAL WATERS LATE ON THE 14TH AND EARLY ON THE 15TH...BRINGING SOME MONSOONAL MOISTURE INTO THE REGION ALONG WITH INCREASING INSTABILITY. DURING THE LATE EVENING HOURS OF THE 14TH AND THE EARLY HOURS OF THE 15TH...A BAND OF THUNDERSTORMS DEVELOPED FROM ABOUT REDONDO BEACH TO CATALINA ISLAND. THESE STORMS MOVED NORTHWESTWARD AND BRUSHED EXTREME SOUTHWESTERN VENTURA COUNTY...THEN WEAKENED AS THEY MOVED INTO SOUTHERN SANTA BARBARA COUNTY. OVER 400 CLOUD TO GROUND (OR WATER) LIGHTNING STRIKES WERE RECORDED DURING THE EARLY MORNING HOURS. A FEW RAIN GAUGES MEASURED UP TO A TENTH OF RAIN.

ON THE 28TH...A NEW DAILY RECORD HIGH OF 107 WAS SET IN PALMDALE... BREAKING THE OLD RECORD OF 105 DEGREES. HIGH TEMPERATURES OF 107 DEGREES AT LANCASTER AND PASO ROBLES TIED RECORDS FOR THE DAY. AT SANDBERG...A NEW DAILY RECORD HIGH OF 97 DEGREES WAS ESTABLISHED... BREAKING THE OLD RECORD OF 95 DEGREES.

ON THE 30TH...A WEAK INTRUSION OF MONSOONAL MOISTURE CAUSED ISOLATED THUNDERSTORMS TO DEVELOP ACROSS THE MOUNTAINS OF VENTURA COUNTY. BRIEFLY HEAVY RAIN WAS REPORTED...BUT NO FLASH FLOODING OCCURRED.

.....CLIMATE DATA FOR AUGUST 2008.....

AVG	AVG	AVG	NORM	MONTH	TOTAL	NORM
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PRECIP

	HIGH	LOW	MONTH	MONTH	XTRMS	PRECIP	PRECIP	%
NORM								
L.A. DOWNTOWN	84.5	65.9	75.2	75.2	91/63	0.00	0.13	0%
L.A. ARPT	74.7	65.3	70.0	70.7	78/63	0.00	0.14	0%
LONG BEACH ARPT	83.0	65.7	74.4	75.1	92/63	0.00	0.10	0%
UCLA	78.8	63.7	71.3	70.7	84/60	0.00	0.16	0%
BURBANK ARPT	88.7	64.9	76.8	76.2	97/60	0.00	0.18	0%
WOODLAND HILLS	95.8	58.9	77.4	76.8	104/55	0.00	0.15	0%
LANCASTER ARPT	98.8	68.0	83.4	79.5	107/57	0.00	0.14	0%
SANDBERG	85.9	64.4	75.1	73.8	97/55	0.00	0.09	0%
CAMARILLO ARPT	77.0	62.4	69.7	67.0	81/58	0.02	0.07	0%
SANTA BARBARA ARPT	74.0	60.7	67.4	68.6	77/55	0.00	0.11	0%
SANTA MARIA ARPT	74.1	54.0	64.0	64.2	82/50	0.00	0.05	0%
PASO ROBLES ARPT	95.6	54.6	75.1	73.7	107/50	0.00	0.06	0%

*****SEPTEMBER 2008*****

MOST AREAS RECEIVED LITTLE OR NO MEASURABLE RAIN DURING THE MONTH OF SEPTEMBER. ALTHOUGH THE THREAT OF RAIN BEGINS TO INCREASE SOMEWHAT ACROSS SOUTHWESTERN CALIFORNIA BY LATE SEPTEMBER...NORMAL RAINFALL AVERAGES LESS THAN ONE HALF INCH IN MOST LOCATIONS.

AVERAGE TEMPERATURES FOR THE MONTH OF SEPTEMBER WERE GENERALLY WITHIN A DEGREE OR TWO OF NORMAL IN COASTAL AREAS...1 TO 3 DEGREES ABOVE NORMAL IN THE VALLEYS...AND 2 TO 4 DEGREES ABOVE NORMAL IN THE MOUNTAINS AND ACROSS THE ANTELOPE VALLEY.

ON THE 6TH...THE HIGH TEMPERATURE OF 107 DEGREES AT PASO ROBLES ECLIPSED THE PREVIOUS DAILY RECORD OF 106 DEGREES.

AN EXTENDED PERIOD OF VERY LOW RELATIVE HUMIDITIES CREATED RED FLAG WARNING CONDITIONS ACROSS THE MOUNTAINS OF LOS ANGELES...VENTURA AND SANTA BARBARA COUNTIES ON THE 15TH.

WIDESPREAD DENSE FOG REDUCED VISIBILITIES TO ONE QUARTER MILE OR LESS IN COASTAL AREAS DURING THE MORNING HOURS OF THE 27TH...AND AGAIN FROM THE EVENING HOURS OF THE 27TH THROUGH THE MORNING HOURS OF THE 28TH.

A WEAK UPPER LEVEL DISTURBANCE CAUSED ISOLATED THUNDERSTORMS TO DEVELOP ACROSS THE COASTAL WATERS DURING THE EARLY MORNING HOURS OF THE 29TH. WHILE MOST OF THE THUNDERSTORM ACTIVITY REMAINED OFF THE COAST...SOME LIGHT SHOWERS AND AN ISOLATED THUNDERSTORM OR TWO DID AFFECT LAND AREAS...PRODUCING VERY LIGHT AMOUNTS OF MEASURABLE RAIN AT SEVERAL LOCATIONS. RAINFALL TOTALS WERE GENERALLY A FEW HUNDREDTHS OF AN INCH OR LESS. DURING THE AFTERNOON...ADDITIONAL SHOWER AND THUNDERSTORM ACTIVITY DEVELOPED DURING THE DAY ACROSS THE MOUNTAINS OF LOS ANGELES AND VENTURA COUNTIES...AND IN THE ANTELOPE VALLEY. A FEW LOCATIONS REPORTED MOSTLY LIGHT AMOUNTS OF MEASURABLE RAIN...ALTHOUGH NEARLY ONE HALF INCH OR RAIN WAS RECORDED IN A GAUGE AT BIG TUJUNGA DAM JUST NORTH OF BURBANK.

.....CLIMATE DATA FOR SEPTEMBER 2008.....

PRECIP	AVG	AVG	AVG	NORM	MONTH	TOTAL	NORM	
NORM	HIGH	LOW	MONTH	MONTH	XTRMS	PRECIP	PRECIP	%
L.A. DOWNTOWN	83.2	64.3	73.7	74.0	99/61	T	0.32	0%
L.A. ARPT	73.7	63.6	68.6	70.1	87/59	T	0.26	0%
LONG BEACH ARPT	81.8	63.4	72.6	73.4	99/59	0.01	0.24	4%
UCLA	78.7	61.9	70.3	70.2	97/57	0.00	0.32	0%
BURBANK ARPT	88.2	63.8	76.0	73.5	101/58	T	0.30	0%
WOODLAND HILLS	92.9	56.9	74.9	73.5	102/50	0.00	0.24	0%
LANCASTER ARPT	94.3	57.4	75.8	72.6	103/48	0.02	0.20	10%
SANDBERG	82.7	62.8	72.8	69.3	94/49	0.01	0.25	4%
CAMARILLO ARPT	76.6	58.9	67.7	66.3	88/52	0.01	0.36	3%
SANTA BARBARA ARPT	73.9	56.9	65.4	67.4	85/51	0.00	0.42	0%
SANTA MARIA ARPT	74.2	52.4	63.3	63.9	87/48	0.00	0.31	0%
PASO ROBLES ARPT	91.7	49.8	70.8	70.0	107/43	0.00	0.36	0%

*****OCTOBER 2008*****

OCTOBER WAS A DRY MONTH ACROSS SOUTHWESTERN CALIFORNIA...WITH MOST AREAS RECEIVING LESS THAN A QUARTER OF AN INCH OF RAIN. SOME LOCATIONS RECEIVED NO MEASURABLE RAIN DURING THE ENTIRE MONTH. RAINFALL FOR THE MONTH OF OCTOBER WAS GENERALLY 20 PERCENT OF NORMAL OR LESS...EXCEPT 20 TO 40 PERCENT OF NORMAL NORTH OF POINT CONCEPTION AND IN THE MOUNTAINS.

AVERAGE TEMPERATURES FOR THE MONTH OF OCTOBER WERE MOSTLY 1 TO 3 DEGREES ABOVE NORMAL ACROSS SOUTHWESTERN CALIFORNIA...EXCEPT 3 TO AROUND 5 DEGREES ABOVE NORMAL ACROSS INTERIOR PORTIONS OF THE LOS ANGELES COUNTY COAST AND IN THE VALLEYS OF LOS ANGELES AND VENTURA COUNTIES.

THE MONTH STARTED OFF ON A HOT NOTE ON THE COASTAL PLAIN AS WEAK OFFSHORE FLOW CAUSED TEMPERATURES TO SOAR. A NEW RECORD HIGH TEMPERATURE WAS SET AT UCLA WHERE THE HIGH OF 98 DEGREES SURPASSED THE OLD RECORD OF 94 DEGREES. THE MAXIMUM TEMPERATURE OF 100 DEGREES IN DOWNTOWN LOS ANGELES TIED THE RECORD FOR THE DATE...WHILE THE 95 DEGREE HIGH AT LOS ANGELES AIRPORT TIED THE DAILY RECORD.

THE SOUTHERN END OF A WEAKENING FRONTAL SYSTEM BROUGHT SOME LIGHT RAIN TO MUCH OF THE REGION ON THE 4TH. RAINFALL TOTALS ACROSS LOS ANGELES AND VENTURA COUNTIES AVERAGED LESS THAN ONE TENTH OF AN INCH...EXCEPT LOCALLY ONE TENTH TO ONE QUARTER OF AN INCH IN THE MOUNTAINS. ACROSS SANTA BARBARA AND SAN LUIS OBISPO COUNTIES... RAINFALL TOTALS AVERAGED ONE TO TWO TENTHS OF AN INCH...BUT A FEW LOCATIONS IN SAN LUIS OBISPO COUNTY RECEIVED UP TO ONE THIRD OF AN INCH.

ON THE 7TH...A RECORD HIGH TEMPERATURE OF 96 DEGREES WAS SET FOR THE DATE IN SANTA MARIA...BREAKING THE OLD RECORD OF 95 DEGREES...AND THE HIGH OF 99 DEGREES AT LONG BEACH AIRPORT BROKE THE DAILY RECORD WHICH HAD BEEN 98 DEGREES.

A TROUGH OF LOW PRESSURE OFF THE COAST OF BRITISH COLUMBIA ON THE 8TH STRENGTHENED AS IT DROPPED SOUTHEASTWARD INTO NEVADA BY THE

10TH. THIS BROUGHT SIGNIFICANT COOLING TO THE REGION. GUSTY NORTHWEST TO NORTH WINDS DEVELOPED ACROSS PORTIONS OF SOUTHERN CALIFORNIA ON THE THURSDAY THE 9TH AND CONTINUED THROUGH THE EARLY MORNING HOURS ON THE 11TH. PEAK WIND GUSTS INCLUDED 70 MPH AT WHITAKER PEAK...56 MPH AT MONTECITO AND SANDBERG...52 MPH AT FIGUEROA MOUNTAIN AND POPPY PARK...51 MPH AT WARM SPRINGS AND 42 MPH AT NEWHALL PASS.

GUSTY WINDS AND DRY CONDITIONS CREATED WIDESPREAD RED FLAG CONDITIONS IN THE MOUNTAINS...PORTIONS OF THE INTERIOR VALLEYS... THE ANTELOPE VALLEY AND THE SOUTH COAST OF SANTA BARBARA COUNTY ON THE 9TH AND 10TH.

THE UNSEASONABLY COLD AIRMASS AND DRY CONDITIONS CREATED VERY EARLY SEASON FREEZING TEMPERATURES ACROSS INLAND SECTIONS OF SANTA BARBARA AND SAN LUIS OBISPO COUNTIES AND THE ANTELOPE VALLEY FROM THE 11TH THROUGH THE 13TH. TEMPERATURES DROPPED INTO THE MID TO UPPER 20S FOR SEVERAL HOURS IN THE COLDEST LOCATIONS EACH NIGHT.

ON THE 11TH...THE LOW TEMPERATURE OF 31 DEGREES AT SANDBERG BROKE THE RECORD FOR THE DATE OF 33 DEGREES...AND THE LOW OF 31 DEGREES AT PASO ROBLES BROKE ITS DAILY RECORD OF 35 DEGREES. IN CAMARILLO...THE LOW OF 43 DEGREES BROKE THE RECORD OF 43 DEGREES.

IN MANY AREAS...THE COLDEST MORNING WAS THE MORNING OF THE 12TH. MANY DAILY MINIMUM TEMPERATURE RECORDS WERE SET...INCLUDING 27 DEGREES IN LANCASTER AND PASO ROBLES...31 DEGREES IN PALMDALE...32 DEGREES AT SANDBERG...41 DEGREES AT SANTA BARBARA AIRPORT...43 DEGREES AT CAMARILLO AND 48 DEGREES IN LONG BEACH. THE LOW OF 36 DEGREES IN SANTA MARIA TIED THE RECORD FOR THE DAY.

ON THE 13TH...MORE DAILY RECORD LOW TEMPERATURES WERE SET... INCLUDING 30 DEGREES AT PASO ROBLES...35 DEGREES AT SANDBERG...36 DEGREES IN PALMDALE AND 38 DEGREES AT SANTA BARBARA AIRPORT. ON THE 14TH...THE TEMPERATURES AT SANTA BARBARA AIRPORT DROPPED TO 41 DEGREES...TYING THE RECORD FOR THE DATE.

THE UNUSUALLY EARLY COLD WEATHER RESULTED IN AT LEAST 3 MILLION DOLLARS IN AGRICULTURAL DAMAGE IN SAN LUIS OBISPO COUNTY...MOSTLY TO AVOCADOS AND UNPICKED GRAPES.

A STRONG AND COLD SURFACEHIGH PRESSURE SYSTEM SETTLED INTO THE GREAT BASIN...CAUSING STRONG AND GUSTY SANTA ANA WINDS TO DEVELOP ACROSS MUCH OF LOS ANGELES AND VENTURA COUNTIES ON THE SUNDAY THE 12TH. GUSTY WINDS CONTINUED AT TIMES INTO THE 15TH. FOR MOST LOCATIONS...THE PEAK OF THE WIND EVENT OCCURRED DURING THE MORNING OF THE 13TH. MAXIMUM WIND GUSTS INCLUDED 87 MPH AT CHILAO...79 MPH AT MALIBU HILLS...73 MPH AT CAMP NINE...67 MPH AT WARM SPRINGS AND MILL CREEK...65 MPH AT LEO CARRILLO BEACH...63 MPH AT WILEY RIDGE AND CHEESEBORO...61 MPH AT WHITAKER PEAK...53 MPH AT NEWHALL PASS AND SAUGUS...48 MPH AT PIRU...46 MPH AT CAMARILLO...45 MPH AT POINT MUGU AND 40 MPH AT VAN NUYS.

THE COMBINATION OF STRONG SANTA ANA WINDS AND VERY LOW RELATIVE HUMIDITIES CREATED AN EXTENDED PERIOD OF RED FLAG CONDITIONS ACROSS VENTURA AND MOST OF LOS ANGELES COUNTIES FROM THE 12TH THROUGH THE 15TH...THEN EXTREMELY DRY WEATHER RESULTED IN RED FLAG CONDITIONS

THROUGH THE 17TH. ACROSS INTERIOR SECTIONS OF SAN LUIS OBISPO AND SANTA BARBARA COUNTIES...EXTREMELY LOW RELATIVE HUMIDITIES CAUSED RED FLAG CONDITIONS FROM THE 13TH THROUGH THE 15TH.

EARLY ON THE 12TH...THE MAREK FIRE BROKE OUT WEST OF PASADENA NEAR THE 118 AND 210 FREEWAYS. THE MAREK FIRE BURNED 4824 ACRES... DESTROYED 3 HOMES...38 MOBILE HOMES...2 COMMERCIAL BUILDING AND 22 OUTBUILDINGS. IT DAMAGED 10 OTHER HOMES AND COMMERCIAL BUILDINGS. THE FIRE RESULTED IN ONE DEATH.

ON THE MORNING OF THE 13TH...THE FAST MOVING SESNON FIRE STARTED IN THE PORTER RANCE AREA AND QUICKLY THREATENED STRUCTURES IN NORTHERN SECTIONS OF CHATSWORTH AND EASTERN SIMI VALLEY. THE SESNON FIRE BURNED 14703 ACRES...DESTROYED 15 HOMES AND 63 OUTBUILDINGS. IT DAMAGED 11 OTHER HOMES. THE FIRE RESULTED IN ONE DEATH AND TWO INJURIES.

GUSTY NORTHEAST WINDS AFFECTED THE REGION ON THE 22ND AND 23RD. PEAK WIND GUSTS INCLUDED 59 MPH AT WILEY RIDGE...54 MPH AT WARM SPRINGS...50 MPH AT NEWHALL PASS...47 MPH AT DEL VALLE...46 MPH AT SAUGUS...45 MPH AT MALIBU HILLS AND 41 MPH AT CAMARILLO. RED FLAG CONDITIONS DEVELOPED ACROSS MUCH OF LOS ANGELES AND VENTURA COUNTIES AND THE MOUNTAINS OF SANTA BARBARA COUNTY ON WEDNESDAY THE 22ND AND CONTINUED IN MANY AREAS THROUGH TUESDAY THE 28TH.

ON THE 27TH...RECORD HIGH TEMPERATURES WERE TIED AT WOODLAND HILLS AND BURBANK AS TEMPERATURES CLIMBED TO 97 DEGREES AND 95 DEGREES RESPECTIVELY. ON THE 28TH...DAILY HIGH TEMPERATURE RECORDS WERE SET IN WOODLAND HILLS WITH A HIGH OF 98 DEGREES AND AT BURBANK WITH A HIGH OF 97 DEGREES. HIGH TEMPERATURES OF 94 DEGREES IN DOWNTOWN LOS ANGELES AND 89 DEGREES AT UCLA TIED DAILY RECORDS. ON THE 29TH...RECORD HIGHS WERE SET AT LANCASTER WITH 89 DEGREES AND AT SANDBERG WITH 79 DEGREES. THE HIGH TEMPERATURE OF 90 DEGREES IN PALMDALE TIED THE RECORD FOR THE DAY.

THE FIRST WIDESPREAD SIGNIFICANT RAINS OF THE SEASON AFFECTED THE AREA AT THE TAIL END OF THE MONTH INTO THE VERY BEGINNING OF NOVEMBER. A LARGE UPPER LOW APPROACHED THE COAST OF WASHINGTON ON THURSDAY THE 30TH. INCREASINGLY MOIST FLOW THROUGH THE ATMOSPHERE CAUSED ISOLATED SHOWERS ON THE 30TH...MAINLY ACROSS LOS ANGELES COUNTY. GUSTY SOUTHEAST TO SOUTH WINDS DEVELOPED ACROSS MUCH OF THE REGION ON THE 30TH...ESPECIALLY IN THE MOUNTAINS AND ON THE CENTRAL COAST. WIND GUSTS REACHED 59 MPH AT MILL CREEK...57 MPH IN CHILAO... 48 MPH AT CAMP NINE AND 40 MPH AT VANDENBERG.

THE SOUTHERN END OF A FRONTAL SYSTEM ASSOCIATED WITH THE STORM PUSHED INTO THE CENTRAL COAST DURING THE NIGHT OF THE 30TH INTO THE EARLY MORNING HOURS OF THE 31ST...THEN THE FRONT WEAKENED QUICKLY AS IT MOVED THROUGH THE REGION. RAINFALL WITH THIS INITIAL SYSTEM TOTALED A QUARTER INCH OR LESS ACROSS SANTA BARBARA AND SAN LUIS OBISPO COUNTIES...WITH ONLY LOCAL MEASURABLE RAINFALL UNDER A TENTH OF AN INCH ACROSS VENTURA AND LOS ANGELES COUNTIES. MORE SIGNIFICANT RAINS WITH THIS COMPLEX SYSTEM HELD OFF UNTIL AFTER THE END OF THE MONTH.

.....CLIMATE DATA FOR OCTOBER 2008.....

PRECIP	AVG	AVG	AVG	NORM	MONTH	TOTAL	NORM	
NORM	HIGH	LOW	MONTH	MONTH	XTRMS	PRECIP	PRECIP	%
L.A. DOWNTOWN	84.9	59.8	72.4	69.5	100/50	0.02	0.37	5%
L.A. ARPT	78.3	59.5	68.9	66.9	96/52	T	0.36	0%
LONG BEACH ARPT	82.6	57.7	70.2	68.6	99/48	0.08	0.40	20%
UCLA	82.9	61.8	72.4	67.1	98/53	0.01	0.57	2%
BURBANK ARPT	85.8	58.3	72.0	67.6	99/52	0.01	0.55	2%
WOODLAND HILLS	88.1	49.9	69.0	66.8	101/39	0.00	0.62	0%
LANCASTER ARPT	81.3	43.6	62.5	61.8	96/27	T	0.30	0%
SANDBERG	70.2	52.6	61.4	59.9	84/31	0.12	0.32	38%
CAMARILLO ARPT	79.0	51.5	65.2	63.7	95/43	0.04	0.36	11%
SANTA BARBARA ARPT	76.8	48.2	62.5	63.5	91/38	0.05	0.52	10%
SANTA MARIA ARPT	77.4	48.1	62.8	61.1	96/36	0.14	0.45	31%
PASO ROBLES ARPT	83.5	42.7	63.1	62.5	97/27	0.13	0.51	25%

*****NOVEMBER 2008*****

RAINFALL FOR THE MONTH OF NOVEMBER WAS GENERALLY ABOVE TO WELL ABOVE NORMAL ACROSS MOST OF SOUTHWESTERN CALIFORNIA. MOST AREAS RECEIVED 125 TO 200 PERCENT OF NORMAL...WITH OVER 300 PERCENT OF NORMAL RAIN IN THE ANTELOPE VALLEY AND ACROSS PORTIONS OF THE MOUNTAINS.

IT WAS A RATHER WARM MONTH...WITH AVERAGE TEMPERATURES GENERALLY 3 TO 6 DEGREES ABOVE NORMAL ACROSS THE ENTIRE REGION.

RIGHT ON THE HEELS OF AN UPPER LOW THAT MOVED INTO THE PACIFIC NORTHWEST ON THE 31ST OF OCTOBER...A STRONGER ONE APPROACHED THE WEST COAST...TAKING A TRACK A BIT FARTHER TO THE SOUTH. AS MOISTURE AND INSTABILITY INCREASED ACROSS SOUTHWESTERN CALIFORNIA AHEAD OF THE FRONTAL SYSTEM...NUMEROUS SHOWERS AND SCATTERED THUNDERSTORMS DEVELOPED ON THE 1ST. HEAVY DOWNPOURS WERE REPORTED IN SOME AREAS. MOST OF THE SHOWER ACTIVITY MOVED TO THE EAST OF THE REGION DURING THE EVENING HOURS ON THE 1ST. THE FRONTAL SYSTEM PUSHED THROUGH THE AREA DURING THE NIGHT OF THE 1ST INTO THE MORNING OF THE 2ND. RAIN WITH THE FRONT ITSELF WAS HEAVIEST ACROSS SANTA BARBARA AND SAN LUIS OBISPO COUNTIES. RAINFALL TOTALS FROM THURSDAY NIGHT THE 30TH OF OCTOBER THROUGH SUNDAY THE 2ND OF NOVEMBER WERE HIGHLY VARIABLE...BUT AVERAGE ONE QUARTER TO THREE QUARTERS OF AN INCH IN MOST COASTAL AND VALLEY AREAS...AND ONE HALF INCH TO AN INCH AND A HALF IN THE FOOTHILLS AND MOUNTAINS. SOME OF THE HIGHER TOTALS INCLUDED 1.85 INCHES AT ROCKY BUTTE...1.66 INCHES AT WARM SPRINGS...1.49 INCHES AS SISAR PEAK AND 1.36 INCHES AT TEMESCAL.

NEW DAILY RAINFALL RECORDS WERE SET ON THE 1ST AT SANDBERG WHERE 1.03 INCHES OF RAIN FELL...IN CAMARILLO WHERE 0.44 INCHES OF RAIN FELL AND IN LANCASTER WHERE 0.42 INCHES OF RAIN WAS MEASURED. DURING THE EARLY MORNING HOURS OF THE 2ND...SANTA BARBARA AIRPORT RECEIVED 0.38 INCHES OF RAIN...BREAKING ITS RAINFALL RECORD FOR THE DATE.

A FAST MOVING FRONTAL SYSTEM PUSHED THROUGH THE AREA LATE ON THE 3RD INTO THE MORNING OF THE 4TH. RAINFALL WITH THIS SYSTEM WAS FAIRLY EVENLY DISTRIBUTED ACROSS SOUTHWESTERN CALIFORNIA...WITH MOST AREAS

RECEIVING AN AVERAGE OF TWO TO FOUR TENTHS OF AN INCH OF RAIN. LOCAL RAINFALL TOTALS OVER ONE HALF INCH WERE CONFINED MOSTLY TO SAN LUIS OBISPO COUNTY. HOWEVER...LOS ANGELES AIRPORT RECEIVED 0.57 INCHES OF RAIN...ESTABLISHING A NEW RECORD HIGH RAINFALL FOR THE DATE. RAINFALL OF 0.33 INCHES AT LONG BEACH AIRPORT ALSO SET A RECORD FOR THE DATE.

IN THE WAKE OF THE FRONT...GUSTY NORTHWEST TO NORTH WINDS DEVELOPED IN THE MOUNTAINS ON THE 5TH AND CONTINUED INTO THE 6TH...THEN WINDS TURNED NORTHEASTERLY. GUSTY OFFSHORE WINDS...LOW RELATIVE HUMIDITIES AND FAIRLY WARM WEATHER RESULTED IN RED FLAG CONDITIONS ON THE 6TH INTO THE 7TH. PEAK WIND GUSTS DURING THIS EVENT REACHED 58 MPH IN WARM SPRINGS...57 MPH AT CHILAO...49 MPH AT CAMP NINE AND CLEAR CREEK...48 MPH AT NEWHALL PASS AND WILEY RIDGE...45 MPH AT CHEESEBORO AND 39 MPH AT CAMARILLO.

A FAST MOVING COLD FRONT SWEEPED THROUGH THE REGION LATE ON THE 8TH INTO THE EARLY MORNING HOURS ON THE 9TH. OVERALL RAINFALL WITH THIS SYSTEM WAS LIGHT AND CONFINED MAINLY TO AREAS NORTH OF POINT CONCEPTION. WHERE MEASURABLE RAINFALL OCCURRED...TOTALS WERE GENERALLY ONE TENTH OF AN INCH OR LESS. HOWEVER...SOME SHOWERS WITH BRIEFLY HIGH INTENSITY RAINFALL RATE DEVELOPED IN EASTERN LOS ANGELES COUNTY PROMPTING THE ISSUANCE OF A FLASH FLOOD WARNING FOR THE SANTA ANITA AND BIG HORN BURN AREAS. THESE SHOWERS PRODUCED RAINFALL UP TO A HALF INCH...MOST OF WHICH FELL WITHIN A HALF HOUR.

BEHIND THIS FRONT...STRONG NORTHWEST TO NORTH WINDS AFFECTED MUCH OF THE REGION. PEAK WIND GUSTS INCLUDED 72 MPH AT MONTECITO...70 MPH AT WHITAKER PEAK...59 MPH AT CAMP NINE...51 MPH AT POPPY PARK...49 MPH AT WARM SPRINGS AND SAUGUS...46 MPH AT MALIBU HILLS...44 MPH AT LOS ANGELES AIRPORT AND CAMARILLO AND 43 MPH AT OXNARD AIRPORT.

A VERY STRONG UPPER LEVEL HIGH PRESSURE SYSTEM IN THE EASTERN PACIFIC SLOWLY SHIFTED INTO THE WEST COAST FROM THE 11TH THROUGH THE 13TH. A STEEP NORTH TO SOUTH PRESSURE GRADIENT DEVELOPED ACROSS SANTA BARBARA...VENTURA AND NORTHWESTERN LOS ANGELES COUNTY ON THE 13TH. THIS CAUSED POWERFUL NORTHWEST TO NORTH WINDS TO DEVELOP IN THE MOUNTAINS...AND STRONG WINDS SPREAD INTO THE SOUTH COAST OF SANTA BARBARA COUNTY DURING THE AFTERNOON AND EVENING OF THE 13TH. THE MONTECITO RAWS WIND SENSOR RECORDED A PEAK WIND GUST OF 72 MPH DURING THE LATE EVENING...AND HAD SEVERAL HOURS OF SUSTAINED WINDS OVER 50 MPH.

WITH THE VERY STRONG WINDS AND LOW RELATIVE HUMIDITIES...RED FLAG CONDITIONS DEVELOPED ACROSS SOUTHERN SANTA BARBARA COUNTY. ALTHOUGH HUMIDITIES WERE NOT QUITE AS LOW AS THEY OFTEN ARE WITH NORTHERLY WIND EVENTS...THE SHEER STRENGTH OF THE WINDS AND THE DRY VEGETATION ALLOWED FOR RAPID GROWTH OF A FIRE WHICH BROKE OUT NEAR MONTECITO HILLS DURING THE EVENING OF THE 13TH. THIS FIRE...CALLED THE TEA FIRE BURNED 1940 ACRES...DESTROYED 210 RESIDENCES AND 9 OTHER STRUCTURES AND CAUSED 13 INJURIES. SEVERAL BUILDINGS WERE DAMAGED OR DESTROYED ON WESTMONT COLLEGE CAMPUS. OVER 5000 PEOPLE WERE EVACUATED DUE TO THE FIRE.

THE STRONG NORTHWEST TO NORTH WINDS QUICKLY TRANSITIONED TO A NORTHEASTERLY DIRECTION BY THE MORNING OF FRIDAY THE 14TH...AND THE FOCUS OF THE STRONGEST WINDS SHIFTED TO LOS ANGELES AND VENTURA

COUNTIES. THE PEAK OF THE WIND EVENT WAS FROM FRIDAY EVENING THROUGH THE MORNING HOURS OF SATURDAY THE 15TH. PEAK WIND GUSTS INCLUDED 78 MPH AT CAMP NINE...70 MPH AT WARM SPRINGS AND SYLMAR...66 MPH AT NEWHALL PASS AND SANTA CLARITA...65 MPH AT CHILAO...62 MPH AT MILL CREEK...60 MPH AT WILEY RIDGE...58 MPH AT SIMI VALLEY...52 MPH AT MALIBU HILLS...49 MPH AT SANDBERG AND MALIBU HILLS...48 MPH AT ACTON AND SAUGUS...47 MPH AT CHEESEBORO...46 MPH AT SIMI VALLEY...43 MPH AT OXNARD...41 MPH AT POINT MUGU AND 39 MPH AT CAMARILLO.

WITH THE STRONG OFFSHORE WINDS...VERY WARM AND DRY CONDITIONS DEVELOPED...WITH RED FLAG CONDITIONS ACROSS MOST OF LOS ANGELES AND VENTURA COUNTIES ON THE 14TH THROUGH THE 16TH.. ON THE 14TH...DAILY RECORD HIGH TEMPERATURES OF 91 DEGREES WERE SET AT BURBANK AND SANTA MARIA.

THE SAYRE FIRE BROKE OUT LATE IN THE EVENING ON FRIDAY THE 14TH NEAR SYLMAR AND GREW EXPLOSIVELY DURING THE NIGHT. THE FIRE BURNED 11262 ACRES IN THE SYLMAR AND PORTER RANCH AREAS. IT DESTROYED 634 STRUCTURES...INCLUDING 487 RESIDENCES...1 COMMERCIAL BUILDING AND 146 OUTBUILDINGS...AND CAUSED 4 INJURIES.

ON THE 15TH...THE FREEWAY COMPLEX FIRE BROKE OUT...AND ITS NORTHERN FRINGE AFFECTED EXTREME SOUTHEASTERN LOS ANGELES COUNTY. IT BURNED 30305 ACROSS...ONLY 2180 OF WHICH WERE IN LOS ANGELES COUNTY. THE FIRE DESTROYED 200 HOMES...INCLUDING 187 RESIDENCES...2 COMMERCIAL BUILDINGS AND 11 OUTBUILDINGS...AND DAMAGED 161 HOMES...INCLUDING 127 RESIDENCES...2 COMMERCIAL BUILDINGS AND 32 OUTBUILDINGS.

MANY DAILY RECORD HIGH TEMPERATURES WERE SET ON THE 15TH...INCLUDING 93 DEGREES IN DOWNTOWN LOS ANGELES...91 DEGREES AT LONG BEACH AND UCLA...90 DEGREES AT BURBANK AND CAMARILLO...89 DEGREES AT SAN LUIS OBISPO CAL POLY AND 88 DEGREES AT PASO ROBLES AND LOS ANGELES AIRPORT. THE HIGH TEMPERATURE OF 91 DEGREES AT SAN GABRIEL...89 DEGREES AT OXNARD AND 87 DEGREES AT SANTA MARIA TIED RECORDS FOR THE DAY.

WINDS BEGAN TO DIMINISH BY LATE MORNING ON THE 16TH...BUT IT CONTINUED TO BE VERY WARM AND DRY. MANY MORE DAILY RECORD HIGH TEMPERATURES WERE SET ON THE 16TH...INCLUDING 93 DEGREES AT CAMARILLO AND OXNARD...91 DEGREES IN WOODLAND HILLS...90 DEGREES AT LONG BEACH...89 DEGREES AT PASO ROBLES...87 DEGREES AT SANTA BARBARA...AND 86 DEGREES AT LOS ANGELES AIRPORT. HIGH TEMPERATURES OF 88 DEGREES IN DOWNTOWN LOS ANGELES...AND 87 DEGREES AT SANTA MARIA AND UCLA TIED RECORDS FOR THE DAY.

WARM WEATHER CONTINUED TO BREAK DAILY HIGH TEMPERATURE RECORDS ON THE 17TH. RECORDS WERE SET AT DOWNTOWN LOS ANGELES WITH 91 DEGREES...AT PASO ROBLES WITH 85 DEGREES AND AT SANTA BARBARA WITH 84 DEGREES. HIGH TEMPERATURES OF 92 DEGREES IN SAN GABRIEL...91 DEGREES AT WOODLAND HILLS...87 DEGREES AT LONG BEACH AIRPORT AND SAN LUIS OBISPO CAL POLY AND 81 DEGREES AT LANCASTER ALL TIED RECORDS FOR THE DAY. ON THE 18TH...HIGHS OF 88 DEGREES AT BURBANK AND 89 DEGREES AT UCLA SET DAILY RECORDS.

AN UPPER LEVEL LOW MOVING THROUGH THE EASTERN PACIFIC APPROACHED THE WEST COAST ON THE 25TH. RAIN SPREAD INTO SAN LUIS OBISPO AND SANTA BARBARA COUNTIES DURING THE LATE MORNING ON THE 25TH...THEN

OVERSPREAD VENTURA AND LOS ANGELES COUNTIES DURING THE LATE AFTERNOON AND EVENING. RAIN TURNED TO SHOWERS BY THE MORNING OF THE 26TH...BUT SCATTERED SHOWERS AND ISOLATED THUNDERSTORMS CONTINUED INTO THE MORNING OF THE 27TH. RAINFALL TOTALS WITH THE STORM AVERAGED ONE HALF TO ONE INCH ACROSS SAN LUIS OBISPO AND SANTA BARBARA COUNTIES...WITH LOCAL TOTALS OVER 1 INCH. THE EXCEPTION WAS ACROSS THE SANTA YNEZ RANGE IN SOUTHERN SANTA BARBARA COUNTY...WHERE TOTALS WERE BETWEEN 2 AND 3 INCHES. ACROSS VENTURA AND LOS ANGELES COUNTIES...RAINFALL TOTALS GENERALLY AVERAGED 1 TO 2 INCHES IN COASTAL AND VALLEY AREAS...AND 2 TO 3 INCHES IN THE MOUNTAINS.

MANY DAILY RAINFALL RECORDS WERE SET ON THE 26TH...INCLUDING 1.54 INCHES AT SANDBERG...1.26 INCHES AT WOODLAND HILLS...1.23 INCHES AT BURBANK...1.02 INCHES AT LONG BEACH...0.99 INCHES AT LANCASTER AND UCLA...AND 0.76 INCHES AT PALMDALE.

.....CLIMATE DATA FOR NOVEMBER 2008.....

	AVG	AVG	AVG	NORM	MONTH	TOTAL	NORM	
PRECIP	HIGH	LOW	MONTH	MONTH	XTRMS	PRECIP	PRECIP	%
L.A. DOWNTOWN	77.7	56.5	67.1	62.9	93/51	1.85	1.05	176%
L.A. ARPT	72.3	55.8	64.0	61.6	88/51	1.50	1.13	133%
LONG BEACH ARPT	75.6	53.4	64.5	61.8	91/48	2.07	1.12	185%
UCLA	76.8	57.8	67.3	62.3	91/51	1.25	1.35	93%
BURBANK ARPT	76.6	52.2	64.4	59.5	91/46	2.06	1.05	196%
WOODLAND HILLS	78.5	47.6	63.0	58.2	91/38	1.68	1.29	130%
LANCASTER ARPT	70.3	39.4	54.9	50.0	81/31	1.55	0.50	310%
SANDBERG	59.5	45.6	52.6	49.2	71/33	2.91	0.82	355%
CAMARILLO ARPT	74.3	49.7	62.0	59.3	93/43	1.53	1.37	112%
SANTA BARBARA ARPT	72.2	46.6	59.4	57.5	87/40	1.81	1.32	137%
SANTA MARIA ARPT	72.9	47.5	60.2	55.5	91/41	2.35	1.24	190%
PASO ROBLES ARPT	71.2	40.9	56.0	52.7	89/32	0.47	1.12	42%

*****DECEMBER 2008*****

RAINFALL FOR THE MONTH OF DECEMBER WAS GENERALLY BELOW NORMAL ACROSS THE NORTHERN HALF OF THE REGION AND ABOVE NORMAL ACROSS THE SOUTHERN HALF OF THE REGION. TOTAL RAINFALL FOR THE MONTH GENERALLY AVERAGED 40 TO 60 PERCENT OF NORMAL ACROSS SAN LUIS OBISPO COUNTY AND NORTHERN SANTA BARBARA COUNTY...60 TO 90 PERCENT NORMAL ACROSS SOUTHERN SANTA BARBARA COUNTY...80 TO AROUND 120 PERCENT OF NORMAL ACROSS VENTURA COUNTY...AND 120 TO 150 PERCENT OF NORMAL ACROSS MOST OF LOS ANGELES COUNTY.

AVERAGE TEMPERATURES FOR THE MONTH WERE GENERALLY 1 TO 3 DEGREES BELOW NORMAL ACROSS MOST OF SOUTHWESTERN CALIFORNIA...EXCEPT NEAR TO SLIGHTLY ABOVE NORMAL IN THE ANTELOPE VALLEY.

STRONG NORTH TO NORTHEAST 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 COUNTIES. PEAK WIND GUSTS INCLUDED 60 MPH AT WARM

SPRINGS...51 MPH AT WILEY RIDGE...48 MPH AT SAUGUS...44 MPH AT CAMP NINE AND 41 MPH AT NEWHALL PASS.

A STRONG SURFACE HIGH PRESSURE SYSTEM DROPPED INTO THE GREAT BASIN ON THE 9TH...CAUSING ANOTHER ROUND OF GUSTY NORTHEAST WINDS ACROSS MUCH OF LOS ANGELES AND VENTURA COUNTIES ON THE 9TH AND 10TH. WINDS GUSTS REACHED DAMAGING HIGH WIND WARNING LEVELS IN THE MOUNTAINS ON THE 9TH. PEAK WIND GUSTS INCLUDED 76 MPH AT CHILAO...70 MPH AT WILEY RIDGE...65 MPH AT MILL CREEK...64 MPH AT WARM SPRINGS...63 MPH AT CAMP NINE...61 MPH AT NEWHALL PASS...52 MPH AT SAUGUS...59 MPH AT LAGUNA PEAK...51 MPH AT CHEESEBORO...46 MPH AT MALIBU HILLS...41 MPH IN SIMI VALLEY...AND 40 MPH AT CAMARILLO AND VAN NUYS. THE COMBINATION OF GUSTY WINDS AND VERY DRY CONDITIONS PRODUCED RED FLAG CONDITIONS ACROSS MOST OF VENTURA AND LOS ANGELES COUNTIES ON THE 9TH AND 10TH.

A LARGE AND COLD UPPER TROUGH DEVELOPED IN THE PACIFIC NORTHWEST ON THE 12TH...THEN THIS SYSTEM BEGAN TO INTENSIFY ON THE 13TH. THE SOUTHERN END OF A RATHER DRY FRONTAL SYSTEM BROUGHT SCATTERED SHOWERS TO THE REGION ON THE 13TH. RAINFALL TOTALS WERE LESS THAN A QUARTER OF AN INCH...WITH A COUPLE OF INCHES OF SNOW IN SOME MOUNTAIN LOCATIONS ABOVE 5000 FEET. HOWEVER...BEHIND THE FRONT... MUCH COLDER AND WINDY CONDITIONS DEVELOPED ACROSS THE REGION. SCATTERED SHOWERS CONTINUED ACROSS THE NORTHERN MOUNTAIN SLOPES INTO THE 14TH. SNOW LEVELS LOWERED SIGNIFICANTLY BY THE EARLY MORNING HOURS OF THE 14TH...WITH SNOW FALLING AS LOW AS 2500 FEET. ADDITIONAL ACCUMULATING SNOW DURING THE NIGHT OF THE 13TH AND THE MORNING OF THE 14TH WAS LOCALIZED IN NATURE...AND GENERALLY ON THE LIGHT SIDE.

WHERE SKIES CLEARED...IT GOT QUITE COLD ON THE MORNING OF THE 14TH...WITH LOWS NEAR OR SLIGHTLY BELOW FREEZING IN COASTAL SECTIONS OF SAN LUIS OBISPO...SANTA BARBARA AND VENTURA COUNTIES...AND IN THE VALLEYS OF VENTURA AND WESTERN LOS ANGELES COUNTY. LOW TEMPERATURES INCLUDE 24 DEGREES IN PASO ROBLES...27 DEGREES IN OJAI...29 DEGREES AT PIERCE COLLEGE IN WOODLAND HILLS...31 DEGREES IN SANTA YNEZ...32 DEGREES IN SAN LUIS OBISPO AND 33 DEGREES AT SANTA MARIA. HOWEVER...ONLY ONE RECORD LOW TEMPERATURE WAS RECORDED...THE LOW OF 32 DEGREES AT CAMARILLO.

THE TROUGH EVOLVED INTO A CLOSED UPPER LOW OVER WASHINGTON STATE ON THE 14TH...AND THIS UPPER LOW BEGAN TO DROP SLOWLY SOUTHWARD DOWN THE WEST COAST. A MUCH WETTER FRONTAL SYSTEM PUSHED THROUGH THE FORECAST AREA LATE ON THE 14TH AND THE 15TH...BRINGING HEAVY RAINS AND MOUNTAIN SNOWS TO THE REGION.

AHEAD OF THE FRONT...STRONG SOUTHEAST TO SOUTH WINDS AFFECTED THE MOUNTAINS AND ANTELOPE VALLEY...AS WELL AS PORTIONS OF SANTA BARBARA AND SAN LUIS OBISPO COUNTIES. WIND GUSTS REACHED 62 MPH AT CAMP NINE...56 MPH AT LAKE PALMDALE...49 MPH AT MILL CREEK...46 MPH AT BRANCH MOUNTAIN AND 37 MPH AT CARRIZO.

HEAVY RAIN CAUSED DEBRIS FLOWS IN THE TEA AND GAP FIRE BURN AREAS. MOUNTAIN DRIVE ROAD WAS CLOSED FOR SEVERAL HOURS DUE TO DEBRIS FLOW...AND UP TO 6 FEET OF DEBRIS JAMMED UP AGAINST A DEBRIS FENCE. MANY ROADWAYS AND FREEWAYS REPORTED AT LEAST MINOR FLOODING DURING THE EARLY MORNING OF THE 15TH...WREAKING HAVOC WITH THE BUSY MONDAY

MORNING COMMUTE. MOST OF THE RAIN ENDED BY EARLY AFTERNOON. RAINFALL TOTALS GENERALLY AVERAGED ONE TO THREE INCHES ACROSS THE REGION...WITH LOCALLY HIGHER TOTALS IN THE MOUNTAINS OF SANTA BARBARA COUNTIES. IN THE MOUNTAINS...SNOWFALL ACCUMULATIONS OF ONE TO TWO FEET WERE REPORTED ABOVE 5000 FEET. ACCUMULATING SNOW WAS REPORTED DOWN TO ABOUT THE 3000 FOOT LEVEL...WITH A REPORT OF 2 INCHES OF SNOW AT 3200 FEET IN THE FOOTHILLS ABOVE SIERRA MADRE.

SOME RAINFALL TOTALS INCLUDE 3.39 INCHES AT JUNCAL DAM...3.33 INCHES AT PATERA RANCH...3.30 INCHES AT SAN MARCOS PASS...2.76 INCHES AT THE MONTE NIDO FIRE STATION ABOVE MALIBU...2.71 INCHES AT THE HOLLYWOOD RESERVOIR...2.69 INCHES AT CORRAL CANYON...2.59 INCHES AT SANTA MONICA AIRPORT...2.58 INCHES AS LOS PRIETOS...2.40 INCHES AT MONTECITO AND ROCKY BUTTE...2.39 INCHES IN BEVERLY HILLS...1.89 INCHES AT LOS ANGELES AIRPORT...1.82 INCHES IN DOWNTOWN LOS ANGELES...1.67 INCHES AT SANTA BARBARA AIRPORT...1.58 INCHES AT THE NATIONAL WEATHER SERVICE FORECAST OFFICE IN OXNARD...1.47 INCHES AT BURBANK AIRPORT...AND 1.15 INCHES AT THE AIRPORT IN SAN LUIS OBISPO.

ON THE 15TH...DAILY RAINFALL RECORDS WERE SET AT UCLA WITH 2.59 INCHES...LOS ANGELES AIRPORT WITH 1.89 INCHES...BURBANK AIRPORT WITH 1.44 INCHES...LONG BEACH AIRPORT WITH 1.38 INCHES AND SANTA BARBARA AIRPORT WITH 1.27 INCHES.

THE CENTER OF THE UPPER LOW CONTINUED TO DROP SOUTHWARD DOWN THE WEST COAST ON THE 16TH...REACHING A POSITION NEAR POINT CONCEPTION LATE THAT NIGHT. THEN...THE UPPER LOW SHIFTED EASTWARD ACROSS SOUTHERN CALIFORNIA ON WEDNESDAY THE 17TH.

SCATTERED SHOWERS DEVELOPED ACROSS THE REGION LATE ON THE 16TH AS MOISTURE INCREASED WITH THE APPROACHING UPPER LOW. A SURFACE LOW PRESSURE SYSTEM DEVELOPED IN THE CALIFORNIA BIGHT EARLY ON THE 17TH...AND AN ORGANIZED AREA OF RAIN DEVELOPED...AFFECTING MAINLY LOS ANGELES COUNTY DURING THE DAY. AS THE SURFACE LOW INTENSIFIED...GUSTY EAST TO NORTHEAST DEVELOPED ACROSS THE REGION. PEAK WIND GUSTS INCLUDED 84 MPH AT WILEY RIDGE...69 MPH AT CAMP NINE...62 MPH AT ACTON...58 MPH AT NEWHALL PASS...57 MPH AT MALIBU HILLS...48 MPH AT DEL VALLE...MILL CREEK...AND CHEESEBORO...45 MPH AT SAUGUS...43 MPH AT PIRU AND CAMARILLO AND 41 MPH AT POINT MUGU.

RAINFALL TOTALS WERE GENERALLY TWO TENTHS OF AN INCH OR LESS ACROSS SAN LUIS OBISPO...SANTA BARBARA AND VENTURA COUNTIES...AND GENERALLY ONE QUARTER TO THREE QUARTERS OF AN INCH ACROSS LOS ANGELES COUNTIES. HOWEVER...LOCALLY HIGHER TOTALS WERE REPORTED IN THE SAN GABRIEL VALLEY AND ADJACENT FOOTHILLS.

UPSLOPE NORTHEAST WINDS IN THE ANTELOPE VALLEY CAUSED OROGRAPHIC ENHANCEMENT OF THE PRECIPITATION...AND THE HIGHEST PRECIPITATION TOTALS OCCURRED IN THE ANTELOPE VALLEYS AND THE MOUNTAINS OF LOS ANGELES COUNTY. AS THE COLDEST AIR ALOFT ASSOCIATED WITH THE UPPER LOW Poured INTO SOUTHERN CALIFORNIA...SNOW LEVELS DROPPED SHARPLY...DOWN TO AS LOW AS 1500 FEET. RAIN IN THE ANTELOPE VALLEY TURNED TO SNOW IN THE FOOTHILLS BY DAYBREAK WEDNESDAY...AND ON THE VALLEY FLOOR DURING MID TO LATE MORNING. WIDESPREAD HEAVY SNOW WAS REPORTED IN THE ANTELOPE VALLEY...CAUSING MASSIVE DISRUPTION TO TRAVEL. IN LLANO AT 2800 FEET...A WHOPPING 22 INCHES OF SNOW WAS RECORDED. IN PALMDALE...8 TO 9 INCHES OF SNOW WAS REPORTED AT 2400 FEET. AT LAKE

LOS ANGELES...8 INCHES OF SNOW WAS REPORTED...WHILE 12 INCHES FELL PEARBLOSSOM AND NEENACH. IN THE MOUNTAINS OF LOS ANGELES COUNTY...30 INCHES OF SNOW WAS REPORTED AT WRIGHTWOOD. IN THE SANTA MONICA MOUNTAINS...ONE HALF INCH OF SNOW FELL AT AN ELEVATION JUST BELOW 2000 FEET IN THE HILLS ABOVE MALIBU.

IN THE WAKE OF THE STORM SYSTEM...THE VERY COLD AIRMASS IN PLACE MADE FOR SOME RATHER LOW TEMPERATURES EARLY ON THE MORNING THE 18TH...ESPECIALLY IN THE ANTELOPE VALLEY WHERE A FRESH SNOW PACK ALLOWED FOR EXCELLENT RADIATIONAL COOLING. A RECORD LOWS OF 18 DEGREES WAS SET IN PALMDALE...AND A RECORD OF 24 DEGREES WAS SET AT SANDBERG. COLD CONDITIONS AFFECTED AREAS WEST OF THE MOUNTAINS AS WELL...AND THE LOW TEMPERATURE OF 34 AT CAMARILLO TIED THE RECORD FOR THE DATE.

COLD WEATHER CONTINUED ON THE 19TH...AND NEW DAILY RECORDS INCLUDED 18 DEGREES AT PALMDALE...23 DEGREES AT SANDBERG AND 40 DEGREES AT UCLA. ONCE AGAIN...THE LOW TEMPERATURE OF 34 DEGREES AT CAMARILLO TIED A RECORD FOR THE DATE.

A WEAK FRONTAL SYSTEM MOVED THROUGH THE REGION LATE ON THE 21ST AND EARLY ON THE 22ND...BRINGING SOME RAIN AND SNOW TO MOST AREAS...HEAVIEST NORTH OF POINT CONCEPTION. RAINFALL TOTALS WERE GENERALLY ONE TENTH TO ONE THIRD OF AN INCH ACROSS LOS ANGELES AND VENTURA COUNTIES...WITH LOCALLY HIGHER AMOUNTS. ACROSS SANTA BARBARA AND SAN LUIS OBISPO COUNTIES...RAINFALL TOTALS WERE MOSTLY BETWEEN ONE QUARTER AND ONE HALF INCH...WITH LOCAL TOTALS NEAR THREE QUARTERS OF AN INCH ACROSS NORTHWESTERN SAN LUIS OBISPO COUNTY. IN THE MOUNTAINS OF LOS ANGELES AND VENTURA COUNTIES... SEVERAL INCHES OF SNOW FELL AT ELEVATIONS ABOVE 5000 FEET.

A FAIRLY VIGOROUS UPPER LOW DROPPED QUICKLY SOUTHEASTWARD THROUGH THE PACIFIC ON THE 23TH...REACHING A POSITION ABOUT 300 MILES WEST OF POINT CONCEPTION ON THE AFTERNOON OF THE 24TH. THEREAFTER THE SYSTEM TRACKED SOUTHEASTWARD...KEEPING THE HEAVIEST PRECIPITATION TO THE SOUTH OF THE REGION. IN GENERAL...ONE TENTH TO ONE THIRD OF AN INCH OF RAIN FELL IN MOST AREAS FROM THE EVENING OF THE 24TH THROUGH THE 25TH...WITH LOCAL TOTALS UP TO ONE HALF INCH. THE EXCEPTION WAS ACROSS THE MOUNTAINS OF VENTURA COUNTY AND EASTERN SANTA BARBARA COUNTY...WHERE TOTALS AVERAGED ONE HALF INCH TO AN INCH AND A THIRD. IN THE MOUNTAINS OF LOS ANGELES AND VENTURA COUNTIES...2 TO 4 INCHES OF SNOW FELL ABOVE 6000 FEET.

THE COLD AIRMASS BEHIND THE STORM SYSTEM...ALLOWED FOR SOME DAILY RECORD LOW TEMPERATURES ON THE 26TH. THE LOW OF 32 DEGREES AT CAMARILLO SET A NEW RECORD FOR THE DATE...WHILE LOWS OF 34 DEGREES IN OXNARD AND 40 DEGREES AT UCLA TIED RECORDS FOR THE DAY.

.....CLIMATE DATA FOR DECEMBER 2008.....

	AVG	AVG	AVG	NORM	MONTH	TOTAL	NORM	
PRECIP	HIGH	LOW	MONTH	MONTH	XTRMS	PRECIP	PRECIP	%
NORM	-----							
L.A. DOWNTOWN	65.8	48.5	57.2	58.5	80/39	2.79	1.91	146%

L.A. ARPT	61.6	48.1	54.9	57.6	77/40	2.51	1.79	140%
LONG BEACH ARPT	64.0	45.5	54.7	57.1	77/35	2.61	1.76	148%
UCLA	65.1	49.3	57.2	58.6	80/40	3.57	2.39	149%
BURBANK ARPT	63.3	42.8	53.1	54.6	81/33	2.17	2.15	101%
WOODLAND HILLS	64.8	37.4	51.1	53.6	85/28	2.38	2.38	100%
LANCASTER ARPT	54.7	31.8	43.2	42.8	73/24	1.30	1.01	129%
SANDBERG	44.7	33.4	39.0	42.5	71/23	3.73	2.17	206%
CAMARILLO ARPT	62.5	41.1	51.8	55.9	77/32	1.45	2.11	134%
SANTA BARBARA ARPT	62.4	40.1	51.2	53.2	71/32	2.12	2.26	94%
SANTA MARIA ARPT	60.7	38.0	49.3	51.6	72/31	0.91	1.84	49%
PASO ROBLES ARPT	59.4	31.6	45.5	47.1	78/24	0.91	1.73	53%

THE FOLLOWING IS A TABLE OF TOTAL RAINFALL FOR THE 2008 CALENDAR YEAR FROM JANUARY 1ST 2008 THROUGH DECEMBER 31TH 2008...NORMAL RAINFALL FOR THE SEASON...AND PERCENT OF NORMAL SEASONAL RAIN FOR SOME SELECTED LOCATIONS IN SOUTHWESTERN CALIFORNIA.

	TOTAL RAIN 1/01/08-12/31/08	NORMAL RAIN (1/01-12/31)	PERCENT OF NORMAL
PASO ROBLES AIRPORT	7.92	13.08	64%
SANTA MARIA	12.49	14.01	83%
SANTA BARBARA	16.63	16.93	91%
JUNCAL DAM	32.82	31.15	105%
CACHUMA LAKE	25.79	21.86	118%
OXNARD	14.07	15.62	90%
CAMARILLO	11.65	15.62	65%
OJAI	19.78	21.79	91%
L.A. AIRPORT	11.02	13.15	78%
L.A. DOWNTOWN	14.43	15.14	89%
LONG BEACH	13.08	12.94	101%
BURBANK	14.78	17.49	78%
WOODLAND HILLS	16.52	17.79	93%
MOUNT WILSON	27.04	40.37	67%
SANDBERG	14.78	12.60	75%
LANCASTER	7.11	7.40	71%
PALMDALE	6.97	7.36	95%

*****DOWNTOWN LOS ANGELES CLIMATE SUMMARY FOR THE 2008 CALENDAR YEAR*****

(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	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	61.2	88/45	0.01	3.14	0.3 %
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				
JULY	82.3	65.0	73.6	89/62	0.00	0.01	0 %
NORMAL	83.8	64.6	74.2				
AUGUST	84.5	65.9	75.2	91/63	0.00	0.13	0 %
NORMAL	84.8	65.6	75.2				
SEPTEMBER	83.2	64.3	73.7	99/61	0.00	0.32	0 %
NORMAL	83.3	64.6	74.0				
OCTOBER	84.9	59.8	72.4	100/50	0.02	0.37	5 %
NORMAL	79.0	59.9	69.5				
NOVEMBER	77.7	56.5	67.1	93/51	1.85	1.05	176 %
NORMAL	73.2	52.6	62.9				
DECEMBER	65.8	48.5	57.2	80/39	2.79	1.91	146 %
NORMAL	68.7	48.3	58.5				
ANNUAL	76.1	56.7	66.4	100/39	14.43	15.14	95 %
NORMAL	75.6	56.6	66.1				

BRUNO/MEIER