Monthly Report of the Ventura County Air Pollution Control District  $\leq$ 



#### December 2014

# New report from the Intergovernmental Panel on Climate Change

# From Copenhagen, November 2, 2014

new report from the Intergovernmental Panel on Climate Change (IPCC), released November 2, concludes that human influence on the climate system is clear and growing, with impacts observed on all continents. If left unchecked, climate change will increase the likelihood of severe, pervasive and irreversible impacts for people and ecosystems. However, options are available to adapt to climate change and implementing stringent mitigation activities can ensure that the impacts of climate change remain within a manageable range, creating a brighter and more sustainable future.

These are among the clear findings of the Synthesis Report that distills and integrates the findings of the IPCC Fifth Assessment Report produced by over 800 scientists and released over the past 134 months, the most comprehensive assessment of climate change ever undertaken. The IPCC is

the world body for assessing the science related to climate change. It was set up in 1988 by the World Meteorological Organization and the United



Nations Environment Programme to provide policymakers with regular assessments of the scientific basis of climate change, its impacts and future risks, and options for adaption and mitigation.

The Synthesis Report confirms that climate change is being registered around the world and warming of the climate system is unequivocal. Since the 1950s many of the observed changes are unprecedented over decades to millennia. The report expresses with greater certainty than in previous assessments the fact that

emissions of greenhouse gases and other anthropogenic drivers have been the dominant cause of observed warming since the mid-20th century.

The impacts of climate change have already been felt in recent decades on all continents and across the oceans.

The more human activity disrupts the climate, the greater the risks. Continued emissions of greenhouse gases will cause further warming and long-lasting changes in all components of the climate system, increasing the likelihood of widespread and profound impacts affecting all levels of society and the natural world, the report finds. (Continued p. 3)



## **APCD Calendar**

## AIR POLLUTION CONTROL BOARD

Second Tuesday, 1:30 p.m. Board Chambers Administration Building 800 South Victoria Avenue Ventura

Upcoming meeting: December 9, 2014 January 13, 2015

# APCD ADVISORY COMMITTEE

Fourth Tuesday, 7:30 p.m. Large Conference Room 669 County Square Drive Ventura

Next meeting: To Be Announced

#### CLEAN AIR FUND ADVISORY COMMITTEE

Anacapa Conference Room 669 County Square Drive, 2<sup>nd</sup> Floor, Ventura

Next meeting: To Be Announced

#### APCD HEARING BOARD

Mondays, 5:30 p.m., as needed Board Chambers Administration Building 800 South Victoria Avenue Ventura

Next meeting: To Be Announced

#### SOUTH CENTRAL COAST BASINWIDE AIR POLLUTION CONTROL COUNCIL

Santa Barbara APCD 260 North San Antonio Road Santa Barbara

Next meeting: December 17, 2014

For more information, call Mike Villegas at 645-1440.

#### APCD RULE WORKSHOPS

See Rule Update section.

#### **Air Pollution Control Board**

Linda Parks, District 2, Chair Carmen Ramirez, Oxnard, Vice Chair Steve Bennett, District 1 Kathy Long, District 3 Peter Foy, District 4 John Zaragoza, District 5 Mike Morgan, Camarillo Jonathan Sharkey, Pt. Hueneme Doug Tucker, Fillmore David Pollock, Moorpark Cheryl Heitmann, Ventura, Alternate

#### Ventura County Air Pollution Control District

669 County Square Drive, 2<sup>nd</sup> Floor Ventura, CA 93003

#### **Air Pollution Control Officer**

Michael Villegas

#### **Skylines**

Editor – Barbara L. Page Desktop Publishing – Terri Duke

#### **Directory**

General Information 645-1400 Fax 645-1444

Website www.vcapcd.org

Agricultural burning and smog forecast 654-2807

Complaints 645-1445 7am – 5pm, Mon-Thurs

Complaints (recording) 654-2797 Monitoring Division 645-1410 Permit processing 645-1401 Permit renewal 645-1404 Public information 645-1415

Email address: info@vcapcd.org

It makes a clear case that many risks constitute particular challenges for the least developed countries and vulnerable communities, given their limited ability to cope. People who are socially, economically, culturally, politically, institutionally, or otherwise marginalized are especially vulnerable to climate change.

(To read the entire news release, visit <a href="http://www.ipcc.ch/pdf/ar5/prpc\_syr/11022014\_syr\_cope">http://www.ipcc.ch/pdf/ar5/prpc\_syr/11022014\_syr\_cope</a> nhagen.pdf)

#### **Airlines**

#### New Year, new look.

Beginning this January, *Skylines* will become a bimonthly newsletter. Editions for 2015 will available online in February, April, June, August, October, and

December. Along with this new schedule, the content is also going to change. The newsletter will concentrate on features, the District calendar, and newsworthy APCD items along with some

state and national updates. The division updates will be available online as part of the Division's page.

## Some tips for a "green" holiday



Recycle wrapping paper, or better yet, forgo it altogether. Try making your own wrapping paper and trimmings from newspapers, paper bags, art projects, clothes, dish towels,

etc. If you do buy new wrapping paper, go for the kind without glossy metallic coating, which makes it harder to recycle.

Celebrate at home. Much of the worst impact to the environment comes from all the carbon dioxide emitted by the transportation we use to get around during the holidays. Consider limiting your plane travel (the worst offender) and long car rides. If must use the car, be sure and carpool.

**Lose the lights.** Think about cutting back on excessive house and yard lights. And if you are decorating with lights, try switching to the LED

variety, which can use 90 percent less energy than regular holiday lights.

**Buy in bulk.** Instead of purchasing cans of soda, small bags of chips, and serving-size baking supplies, stock up on bulk goods to reduce packaging waste.

**Use real dishes.** While disposable plates and silverware are easier if you're hosting crowds, the environment will thank you if you buck up and do the dishes.

Use a real tree, and then recycle it when it's done! Though it may feel sad to cut down a tree for the holidays, consider that most Christmas trees are grown expressly for the purpose (so you're not contributing to deforestation), and can be planted or composted when you're done with them. Plastic trees, in contrast, require petroleum to make, and then can't be recycled easily when you're through with them.

# Rule Development Update

Visit www.vcapcd.org/rules\_division.htm

#### **Air Pollution Control Board**

No public hearings regarding District rule actions are currently scheduled.

On December 9, 2014, the Air Pollution Control Board will consider reappointing the following citizen representatives to the APCD Advisory Committee:

Mr. Kim Lim and Mr. Keith Moore (Supervisorial District V) Mr. Richard Nick (Supervisorial District III)

#### **Recent Board Actions**

No recent Board actions regarding District rules.

#### **APCD ADVISORY COMMITTEE**

Fourth Tuesday, 7:30 p.m. Large Conference Room 669 County Square Drive, 2nd Floor Ventura Next meeting: To Be Announced

#### **APCD Advisory Committee**

On October 28, 2014, the APCD Advisory Committee met to consider proposed new Rule 74.33. This rule will reduce reactive organic compound (ROC) emissions associated with the transfer and dispensing of liquefied petroleum gas (LPG).

This rule, which is based on South Coast Air Quality Management District (SCAQMD) Rule 1177, will apply to the transfer of LPG to or from any cargo tank, any stationary or portable tank, or any cylinder, with the exception of LPG cylinders installed on recreational vehicles. Also, the proposed rule would not apply to the transfer of LPG into any container having a water capacity of less than four gallons. In addition, this new rule will not apply to oilfield LPG tanker truck loading facilities subject to both Rule 71.3, Transfer of ROC Liquids, and Rule 74.10, Components at Crude Oil and

Natural Gas Production and Processing Facilities.

This proposed rule will implement an All Feasible Measures requirement of the California Clean Air Act (Health and Safety Code Section 40914). There have been no changes to the proposed rule since the August 21, 2014 public workshop.

The Advisory Committee recommended that the Air Pollution Control Board approve proposed new Rule 74.33. The rule is tentatively scheduled to be considered for approval by the Air Pollution Control Board on January 15, 2015. The Air Pollution Control Board notice and associated documents may be downloaded from the District's website at <a href="http://www.vcapcd.org/rules\_division.htm">http://www.vcapcd.org/rules\_division.htm</a>, or by contacting Stan Cowen at (805) 645-1408, or <a href="stan@vcapcd.org">stan@vcapcd.org</a>.

#### **Clean Air Fund Advisory Committee**

Anacapa Conference Room 669 County Square Drive, 2<sub>nd</sub> Floor Ventura, CA

Next meeting: To Be Announced

# **Public Workshops and Consultation Meetings**

No public workshops or consultation meetings are currently scheduled.

Enforcement Activities OCTOBER 2014						
Inspections	Inspections Month Fisc Yea		Violations	Month	Fiscal Year	
Asbestos Inspections	9	43				
Breakdowns Received and Investigated	12	40	Notices of Violation Issued	12	59	
Complaints Received and Investigated	21	53	Cases Settled after Office Conference	24	64	
Emergency Engine Verifications	0	0				
New Business	6	17				
Total: Permit/Other Inspections/Verifications	219	979	Total: Settlement/Fines	\$88,050	\$442,800	

Sources Operating Under Variance OCTOBER 2014							
No./ Facility/ Source Rule End Date Status Type Location							
855/ Emergency	Trinity ESC	Oxygen Probe	Rule 54.B.1.12, Sulfur Compounds	11-14-14	On Schedule		

Sources Operating Under Stipulated Conditional Order of Abatement OCTOBER 2014							
No.	Facility/Location	Source	Rule	End Date	Status		
	None						

NOV No	Facility Name	Phys City	Comment	NOV Date
022597	Hill Cyn Wastewater Treatment Plant	Camarillo	Permit Condition Not Met - Exceeding Sulfur Limit	10/20/2014
022826	Golden State Petroleum	Santa Paula	Operating Without A Permit - Gasoline Dispensing Facility	10/15/2014
022827	A & J Environmental	Riverside	Installation Without A Permit - Gasoline Dispensing Facility	10/15/2014
022828	Roscoe Morris	Santa Paula	Permit Condition Not Met - Exceeding Throughput Limit	10/21/2014
023047	Burger King #4074	Ventura	Permit Condition Not Met - Recordkeeping	10/8/2014
023048	Buena Vista Collision Ctr. of Ven	Ventura	Operating Without A Permit - Autobody Shop	10/22/2014
023178	Fazio Cleaners	Westlake Village	Inadequate Solvent Storage - Drycleaner Petroleum Solvent	10/2/2014
023179	Baxter BioScience	Thousand Oaks	Permit Condition Not Met - Exceeding Boiler Fuel Consumption	10/22/2014
023180	Baxter BioScience	Thousand Oaks	Permit Condition Not Met - Exceeding Boiler Fuel Consumption	10/22/2014
023181	Baxter BioScience	Thousand Oaks	Permit Condition Not Met - Boiler	10/22/2014
023239	CarMax	Oxnard	Non CARB Title 17 Defect - Check Valve/LRD/B-Away	10/9/2014
023242	Production Tool Specialties	Ventura County	Permit Condition Not Met - Dewaxing Heater	10/28/2014



# **Engineering Update**

ERC Balances by Company (Units – Tons per Year) As of November 12, 2014						
Company Name	ROC	NOx	$PM_{10}$	SOx	Limitation	
ABA Energy Corporation	3.31	0.00	0.00	0.00	Yes	
Aera Energy LLC	0.02	0.49	0.45	0.04	No	
Aera Energy LLC	233.77	9.55	1.24	0.40	Yes	
Amgen, Inc.	0.00	4.97	0.00	0.00	No	
Amgen, Inc.	0.11	0.00	0.07	0.01	Yes	
Ample Resources, Inc.	0.01	0.00	0.00	0.00	No	
BMW of North America	0.36	0.23	0.03	0.01	Yes	
C. D. Lyon Construction, Inc.	1.00	0.00	0.00	0.00	Yes	
California Resources Production	73.54	54.06	0.27	0.02	No	
California Resources Production	1.56	83.66	1.47	0.06	Yes	
Chevron Environmental Mang.	1.13	0.00	0.00	0.00	Yes	
ChevronTexaco	0.44	1.67	0.09	0.03	No	
ChevronTexaco	118.58	0.28	0.17	0.34	Yes	
Compositair	0.00	0.06	0.00	0.00	No	
Costco Wholesale Corporation	9.29	0.00	0.00	0.00	Yes	
Dos Cuadras Offshore Resources	1.71	0.19	0.00	0.00	No	
Dos Cuadras Offshore Resources	0.00	1.32	1.13	0.10	Yes	
Element Markets LLC	0.00	0.26	0.36	0.00	Yes	
GenOn West, LP	0.27	0.47	0.76	0.00	Yes	
Gilroy Foods, Inc.	0.00	0.09	0.70	0.00	Yes	
Haas Automation	0.00	0.09	0.00	0.00	Yes	
Hanson Aggregates	0.00	0.00	0.69	0.00	Yes	
Houwelings Nurseries Oxnard Inc.	1.28	3.91	1.77	0.00	Yes	
Hunter Resources Development	0.09	0.01	0.01	0.00	No	
KTI Engineers & Constructors	0.00	0.00	1.50	0.00	Yes	
LWFP, LLC	0.00	0.00	0.57	0.00	No	
Mirada Petroleum, Inc.	2.83	0.00	0.00	0.00	Yes	
Naval Base Ventura County	2.25	0.00	3.90	0.04	No	
Naval Base Ventura County  Naval Base Ventura County	0.09	4.74	0.45	0.54	Yes	
Nestle Food Company	0.09	1.54	0.43	0.02	Yes	
Northrop Grumman Corporation	0.00	0.01	0.12	0.02	Yes	
NRG Energy Center Oxnard LLC	3.97	0.00	0.00	0.00	No	
Occidental Chemical Corporation	0.07		1.33	0.00	Yes	
Oxnard Lemon Company	0.00	0.10	0.00	0.02	Yes	
P.W. Gillibrand Company Inc.	0.00	5.11	0.00	0.00	No	
Pacific Operators Offshore LLC	0.00	1.77	0.00	0.03	No	
Pacific Recovery Corporation	0.21	0.00	0.09	0.02	No	
Parker Advanced Filtration	6.33	0.00	0.00	0.00	No	
			0.00			
Peak Operator LLC Peak Operator LLC	0.51	0.00		0.00	No Ves	
	8.48 45.84	0.00 22.17	0.00 19.71	0.00	Yes No	
Procter & Gamble Paper Products						
Procter & Gamble Paper Products	0.00	0.00	3.44	0.00	Yes	
PTI Technologies, Inc.	0.25	0.00	0.00	0.00	No	
Reichhold Chemicals, Inc.	0.00	0.10	0.00	0.00	No No	
Royal Coatings	0.06	0.00	0.00	0.00	No	
Santa Fe Energy Operating Prtrs.	0.01	0.00	0.00	0.00	Yes	

ERC Balances by Company (Units – Tons per Year) As of November 12, 2014						
Company Name	ROC	NOx	$PM_{10}$	SOx	Limitation	
Santa Fe Minerals, Inc.	0.55	0.00	0.00	0.00	Yes	
Seneca Resources Corporation	2.52	0.02	0.00	0.00	No	
Seneca Resources Corporation	0.35	0.14	0.00	0.00	Yes	
Skyworks Solutions, Inc.	0.01	0.00	0.00	0.00	Yes	
Southern California Edison Co.	0.00	52.68	0.22	0.16	No	
St. John's Regional Medical Center	0.00	0.18	0.00	0.00	No	
Sully Miller Contracting Co.	0.00	1.51	3.33	0.02	Yes	
Technicolor Home Entertainment	0.01	0.00	0.00	0.00	Yes	
TEG Oil & Gas USA, Inc.	0.30	0.00	0.00	0.00	No	
The Boeing Company	0.45	0.01	0.00	0.00	No	
The Boeing Company	0.25	2.81	0.61	0.57	Yes	
The Termo Company	0.07	0.00	0.00	0.00	Yes	
Unocal	4.45	0.00	0.00	0.00	Yes	
Vaca Energy, LLC	2.48	0.00	0.00	0.00	No	
Vaca Energy, LLC	0.46	0.51	0.03	0.01	Yes	
Vaquero Energy	0.06	0.79	0.00	0.00	No	
Venoco, Inc.	0.22	19.54	0.05	0.00	No	
Venoco, Inc.	6.64	6.13	0.79	0.14	Yes	
Ventura County APCD Board	55.00	0.00	0.00	0.00	No	
Vulcan Materials Co.	0.00	1.56	0.00	0.00	No	
Waste Management of California	0.00	16.09	0.00	0.00	No	

Each balance above represents one or more ERC Certificates. If there is a "Limitation" on a balance, no reactive organic compound or nitrogen oxide emission reduction credits in that balance may be used for emission offsets at a stationary source that has permitted emissions greater than 25 tons per year of that pollutant. (See Rule 26.4.D.3 for details).

A more detailed report is available on the forms page (under Downloads-Permits-ERC Report-Emission Reduction Credits) on the District website (<a href="www.vcapcd.org">www.vcapcd.org</a>). If you have any questions, please contact Kerby E. Zozula, Engineering Division Manager, at 805/645-1421.

### Permit Activities October 2014

<b>Authorities to Construct</b>	Month	Permits to Operate	Month
Permits Requested	3	Permits Requested	15
Permits Issued	5	Permits Issued	30
Applications Under Review	23	Applications Under Review	62
Sources Holding Permits	115	Sources Holding Permits	1401
Average Turnaround Time	4.3 Weeks	Average Turnaround Time	5.4 Weeks

# Authority to Construct Applications Received October 2014

Permit	Facility	City	Project Description
01078-190	Baxter BioScience	Thousand Oaks	Add & Modify Boilers, Increase NG Limit
01412-150	Republic Fastener Mfg. Corp.	Newbury Park	Install Solvent Cleaning Machine
08251-100	JR Sandblasting & Painting	Oxnard	Install Painting and Blasting Operation

### Authorities to Construct Issued October 2014

Permit	Facility	City Project Description		
00053-590	California Resources Production	Santa Paula	Install New Process Heater - Willard	
08201-120	DNBG Lease Oxnard Oil Field	Oxnard	Install New Well DNBG No. 1	
08224-100	Oxnard Fire Station No. 8	Oxnard	Install New Emergency Diesel Engine	
08239-100	Pacific Coast Pipeline Site	Fillmore	Install SVE System	
08248-100	Clean Foods, Inc.	Ventura	Install Coffee Roaster	

### Permit to Operate Applications Received October 2014

Permit	Facility	City	Project Description
00012-331	Tenby Production Facility	Oxnard	Transfer of Ownership - CRPC
00035-151	Wayne J. Sand and Gravel Inc.	Moorpark	Diesel Engine Replacement Project
00041-1591	Aera Energy LLC	Ventura	Tank Modifications - RBPU
00053-571	California Resources Production	Santa Paula	Operate Well No. MR-18
00053-572	California Resources Production	Santa Paula	Operate Well No. MR-17
00232-T02	Santa Susana Field Laboratory	Simi Valley	Administrative Permit Changes
00997-621	Naval Base Ventura County	Point Mugu	New Portable Sweeper Diesel Engine
06431-161	Golden State Petroleum	Santa Paula	Replace Dispensers
07371-141	Raypak, Inc.	Oxnard	New Emergency Diesel Engine
07401-111	Alexander Buick GMC Cadillac	Oxnard	Operate Additional Spray Booth
07519-141	MediSil Corporation	Santa Paula	Increase Consumption Limits
08008-151	Mission Rock Rd Facility	Santa Paula	Additional Cold Bin to Hopper
08201-121	DNBG Lease Oxnard Oil Field	Oxnard	Operate New Well DNBG No. 1
08249-101	Runkle Canyon Booster Station	Simi Valley	New Emergency Engine
08250-101	VSS International	Ventura County	Portable Rubber Asphalt Spreader

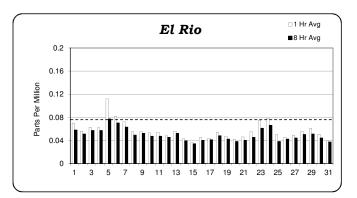
### Permits to Operate Issued October 2014

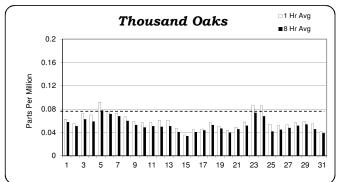
Permit	Facility	City	Project Description
00008-T01	California Resources Production	Ventura	Transfer of Ownership - CRPC
00054-351	California Resources Production	Fillmore	Operate Well Nos. SIZU VPC-1 & VPC-2
00054-352	California Resources Production	Fillmore	Operate Well Nos. SIZU VPC-3 & VPC-5
00054-T02	California Resources Production	Fillmore	Transfer of Ownership - CRPC
00058-T03	California Resources Production	Piru	Transfer of Ownership - CRPC
00126-161	Ventura College	Ventura	Replace Two Emergency Diesel Engines
00310-T03	California Resources Production	Piru	Transfer of Ownership - CRPC
00326-T02	California Resources Production	Piru	Transfer of Ownership - CRPC
00361-131	Ojai Oil Company	Santa Paula	Rule 74.16 Exemption - Two Wells
00378-121	Orchard Exploration & Production	Fillmore	Tank Replacement Project
00392-101	Joro Inc.	Fillmore	Existing / Replacement Oil Field Flare
00939-T02	California Resources Production	Santa Paula	Transfer of Ownership - CRPC
00984-491	California Resources Production	Fillmore	Operate Well Endor 4-6
00984-T03	California Resources Production	Fillmore	Transfer of Ownership - CRPC
01006-581	Naval Base Ventura County	Port Hueneme	Operate Three Blast Cabinets
01006-591	Naval Base Ventura County	Port Hueneme	Minor Part 70 Modification - OOS
01021-201	Vaquero Energy, Inc.	Fillmore	Operate Existing Well - Robertson No. 3
01207-661	Naval Base Ventura County	San Nicolas Island	Operate Additional Sweeper Engine
06404-111	Caltrans-Moorpark 723	Moorpark	Increase Gasoline Throughput Limit
06431-161	Golden State Petroleum	Santa Paula	Replace Dispensers
07297-121	Weatherford Oil Country Mfg.	Ventura	Install Abrasive Blasting Machine
07432-171	Catalytic Solutions, Inc.	Oxnard	Modify Usage Limits
07749-151	Bruker Nano, Inc.	Camarillo	New Process and Equipment
07958-121	Oxnard Hub	Oxnard	Replace Emergency Diesel Engine
08008-151	Mission Rock Rd Facility	Santa Paula	Additional Cold Bin to Hopper
08170-T01	Ocean Honda of Ventura	Ventura	Transfer of Ownership - CMXXXI
08214-101	Jose's Powder Coating	Camarillo	Operate Powder Coating Operation
08235-101	805 Auto Body & Paint	Simi Valley	Operate Motor Vehicle Spray Booth
08236-101	Berry Pack	Oxnard	Graphic Arts Operation
08247-101	DCOR, LLC	Ventura County	Operate Portable Generator - OCS

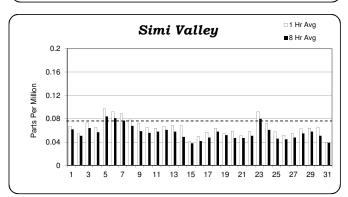
## **Ozone Report**

#### **OCTOBER 2014**

The level of the California 1-hour standard was exceeded in October at El Rio, Piru, and Simi Valley. The level of the National 8-hour standard and California 8-hour standard was exceeded in October at all sites. The maximum 1-hour average was 0.112 ppm at El Rio; the maximum 8-hour average was 0.084 ppm at Simi Valley.

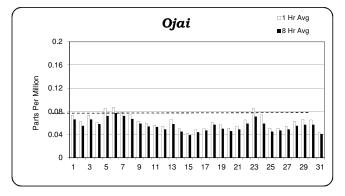


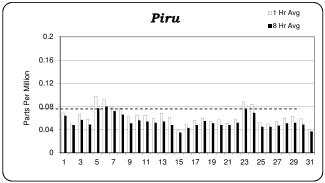




#### OZONE DATA THROUGH 11/18/2014

	Exc	eedan	ce Days Maximum Concentration		
Monitoring Station	State		National	Parts Per Million (ppm)	
	1-hr	8-hr	8-hr	1-hr	8-hr
El Rio – Rio Mesa School #2	1	2	1	0.112	0.077
Ojai – Ojai Avenue	0	9	4	0.087	0.082
Piru – 3301 Pacific Avenue	1	9	5	0.097	0.081
Simi Valley – Cochran Street	1	16	7	0.097	0.085
Thousand Oaks – Moorpark Road	0	6	3	0.092	0.081





#### PPM AIR QUALITY STANDARD

- .070 CALIFORNIA 8 HR AVG CLEAN AIR STANDARD
- .075 NATIONAL 8 HR AVG CLEAN AIR STANDARD
- .09 CALIFORNIA 1 HR AVG CLEAN AIR STANDARD
- .150 CALIFORNIA 1 HR AVG HEALTH ADVISORY
  Avoid prolonged vigorous outdoor exercise.
  Sensitive individuals avoid all outdoor activity.