



AIR POLLUTION CONTROL DISTRICT
C O U N T Y O F S A N D I E G O

Trial By Fire In San Diego – Part II

Lessons Learned from Wildfires of 2003 and 2007

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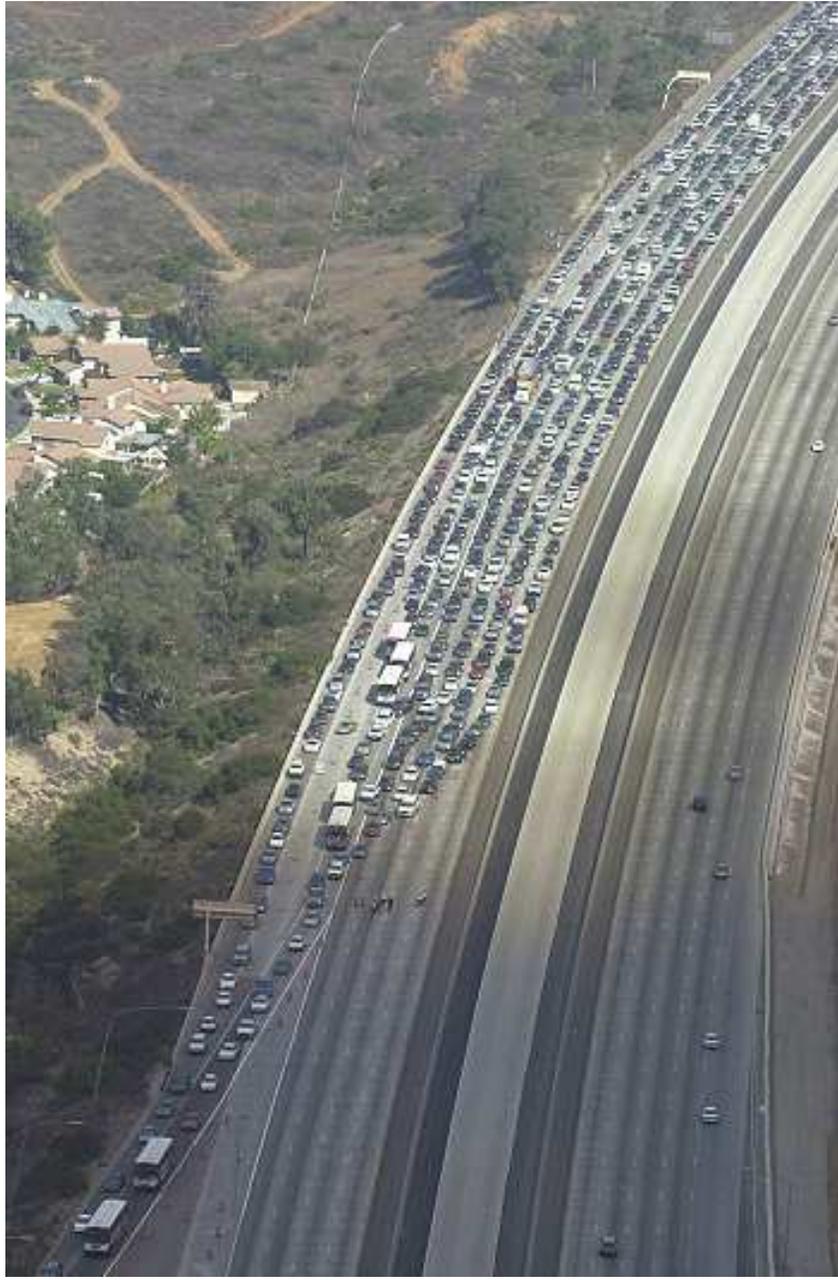








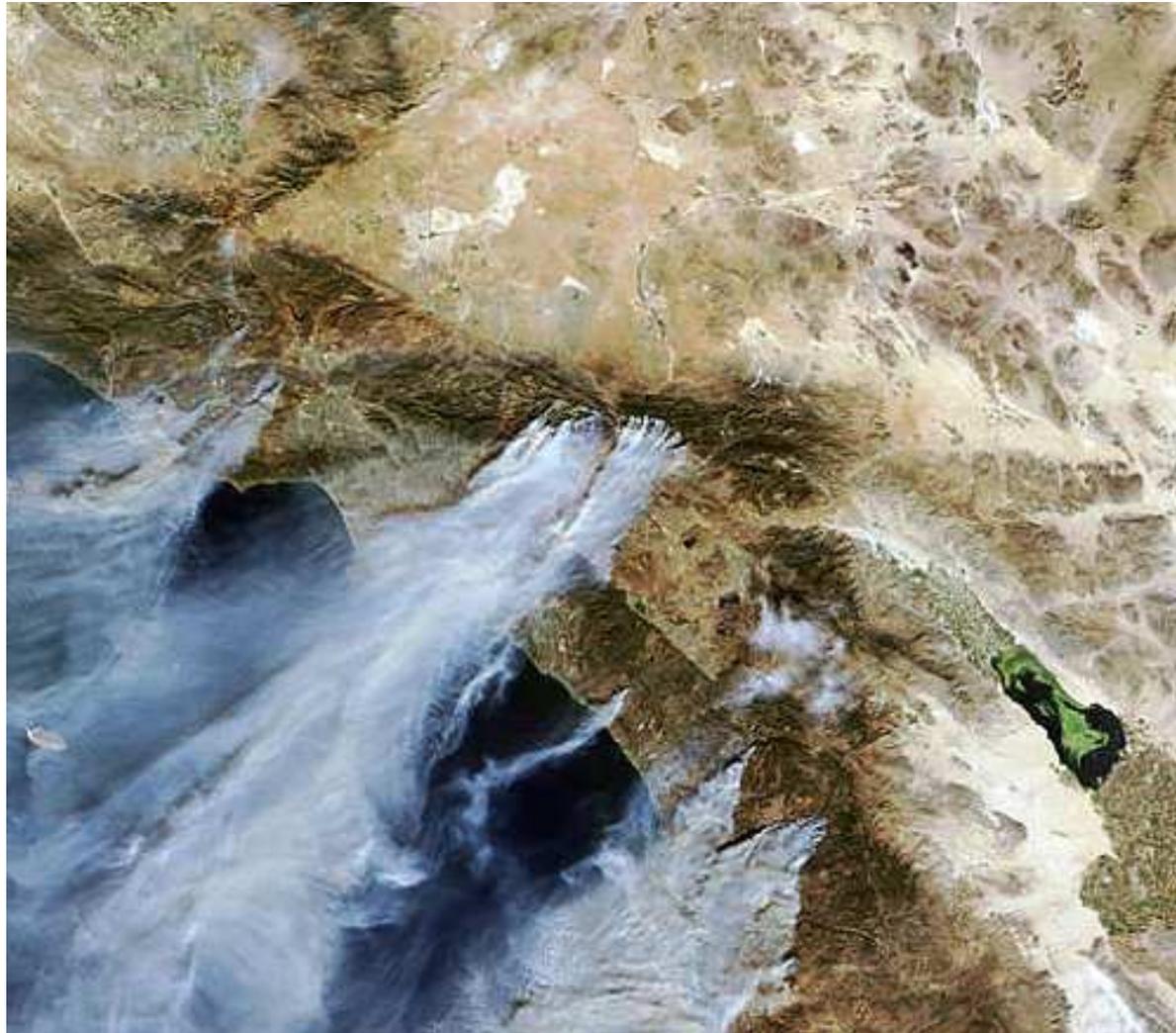


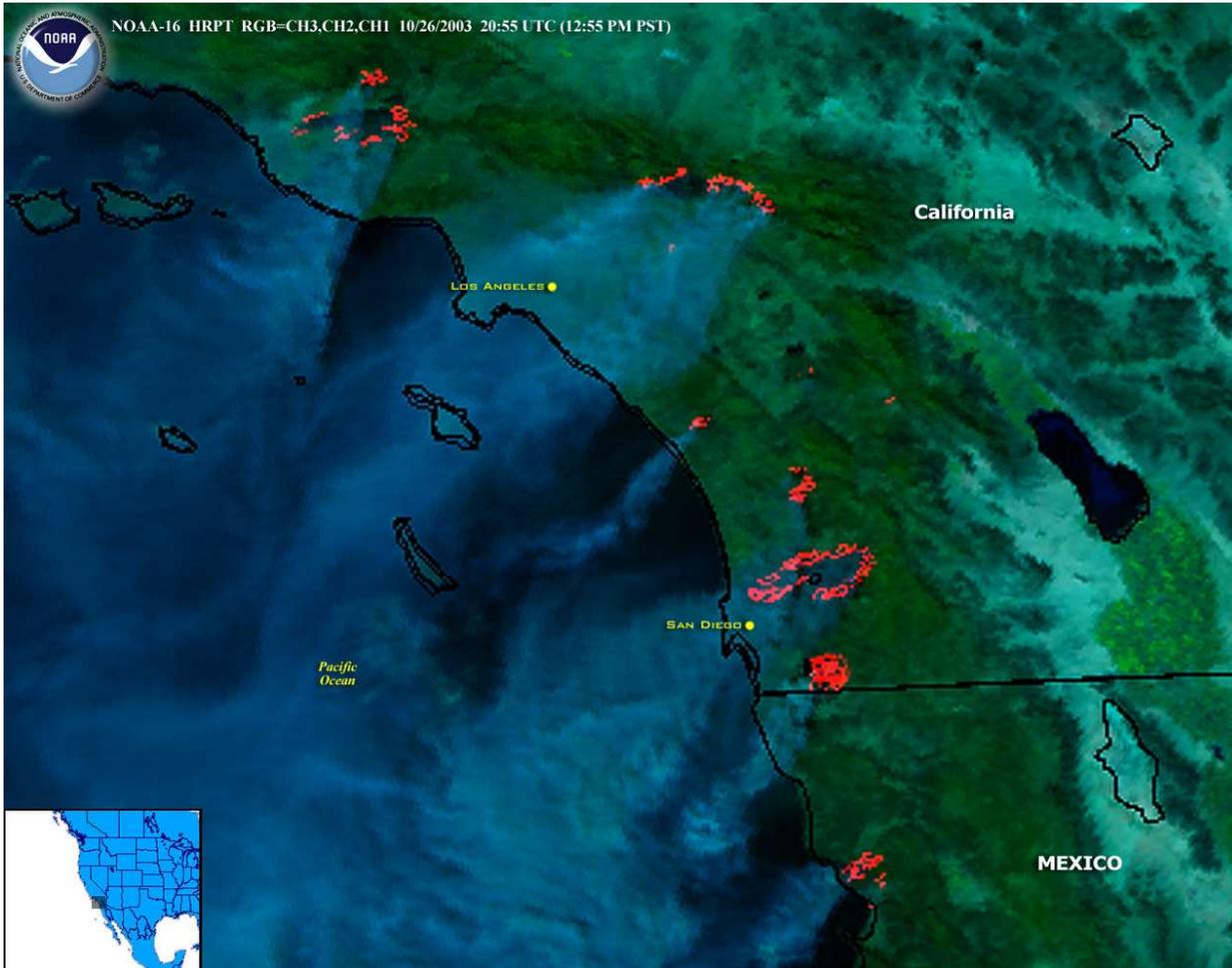






Satellite Image from October 26, 2003

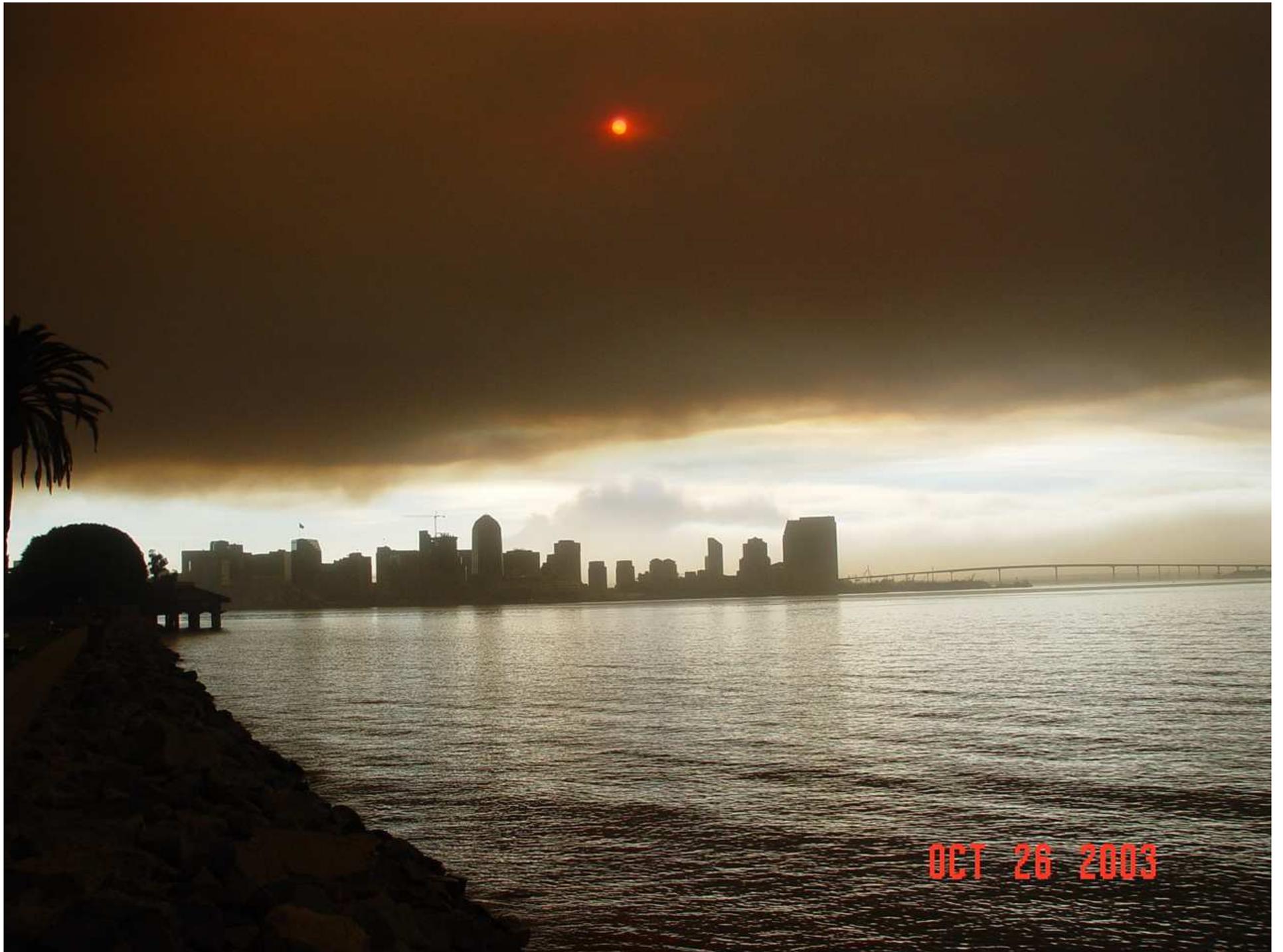












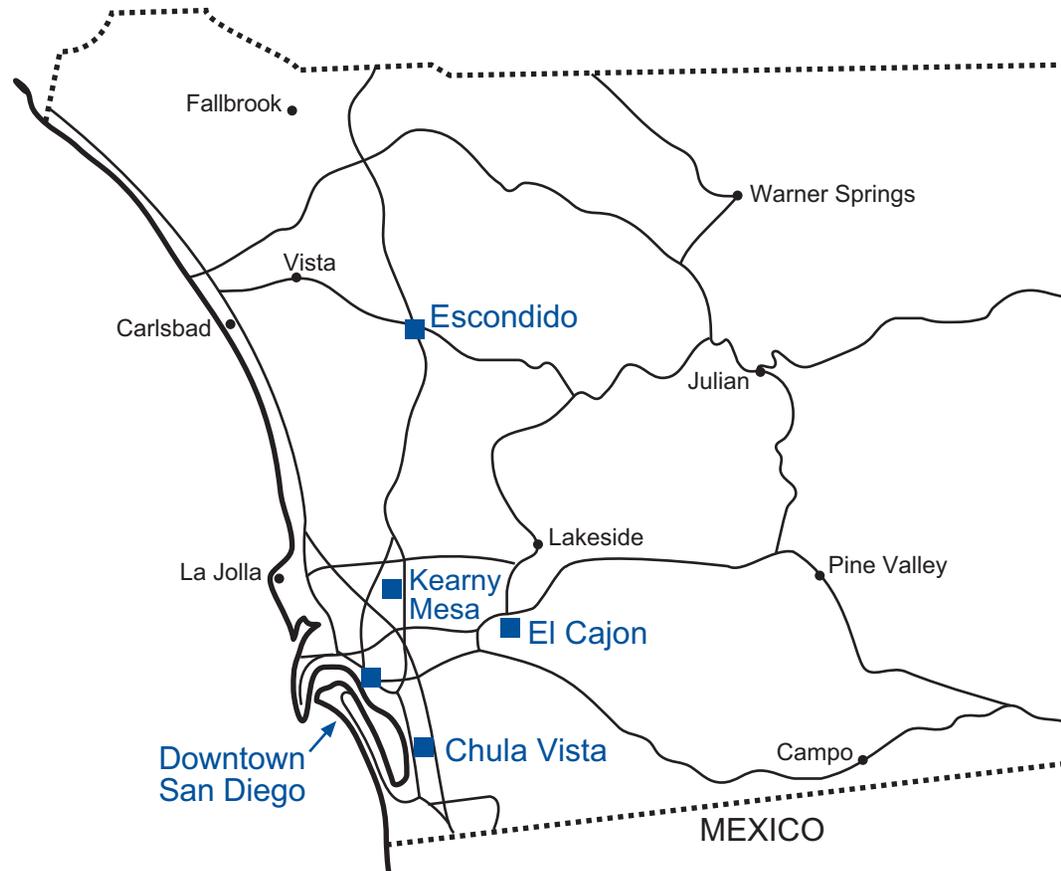
OCT 26 2003



San Diego County Monitoring Stations



San Diego county monitoring stations with PM2.5 filter measurements (FRM)



San Diego County Monitoring Stations with PM2.5 BAM real-time samplers



Air Pollution Report and Forecast:

Dated Sunday, October 26, 2003

Today is Sunday, October 26, 2003.

Due to the severity of the fires affecting San Diego County, some of our air monitoring stations are not reporting real-time data. Therefore, our normal air quality forecast and report has been superceded by the following:

In areas of heavy smoke, assume that air quality levels are unhealthy for sensitive groups to unhealthy for all individuals. In areas with minor smoke impacts, assume that air quality levels are moderate to unhealthy for sensitive groups. The responsible pollutant is fine particulate matter of 2.5 micrometers and less in diameter, known as PM2.5.

In areas where you smell smoke it is advised that you limit physical activity. If possible, stay indoors to limit your exposure to fine particulate matter.

This recording will be updated as we get more information.

Thank you.

WCB / 1600 PST

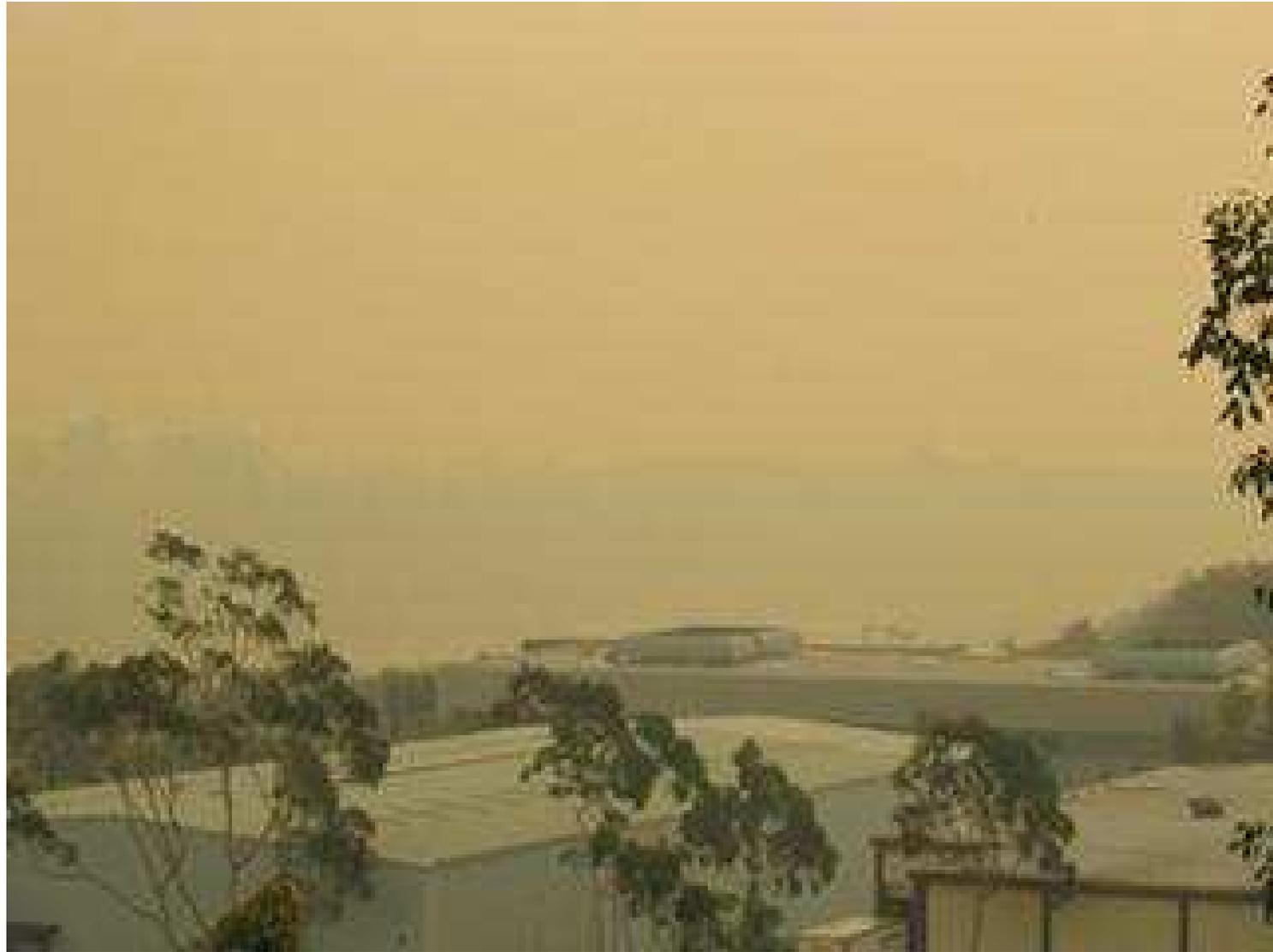
By Sunday afternoon, we knew that the Santa Ana winds would continue, but with decreasing strength over the next few days.

We forecasted continued poor fire and air quality conditions through Wednesday, when conditions would start to improve.























CLEAN FILTER

OVERLAND AVE.

CHULA VISTA

ESCONDIDO

TWELFTH AVE

10/24/2003

10/25/2003

10/26/2003

10/27/2003

10/28/2003

10/29/2003

10/30/2003

Lessons Learned - 2003

- Plan for the unexpected (scripts and templates)
- Forecast/report on the conservative side
- Departments/Agencies need to know responsibilities before the emergency
- Have central contacts for school districts
- Have media packets available to reduce confusion of “new” news reporters
- Coordinate better with private organizations concerned with public health
- Prepare to be inundated with calls
- Watch all pollutants and don't leave the laptop at home!
- Plan for the unexpected!

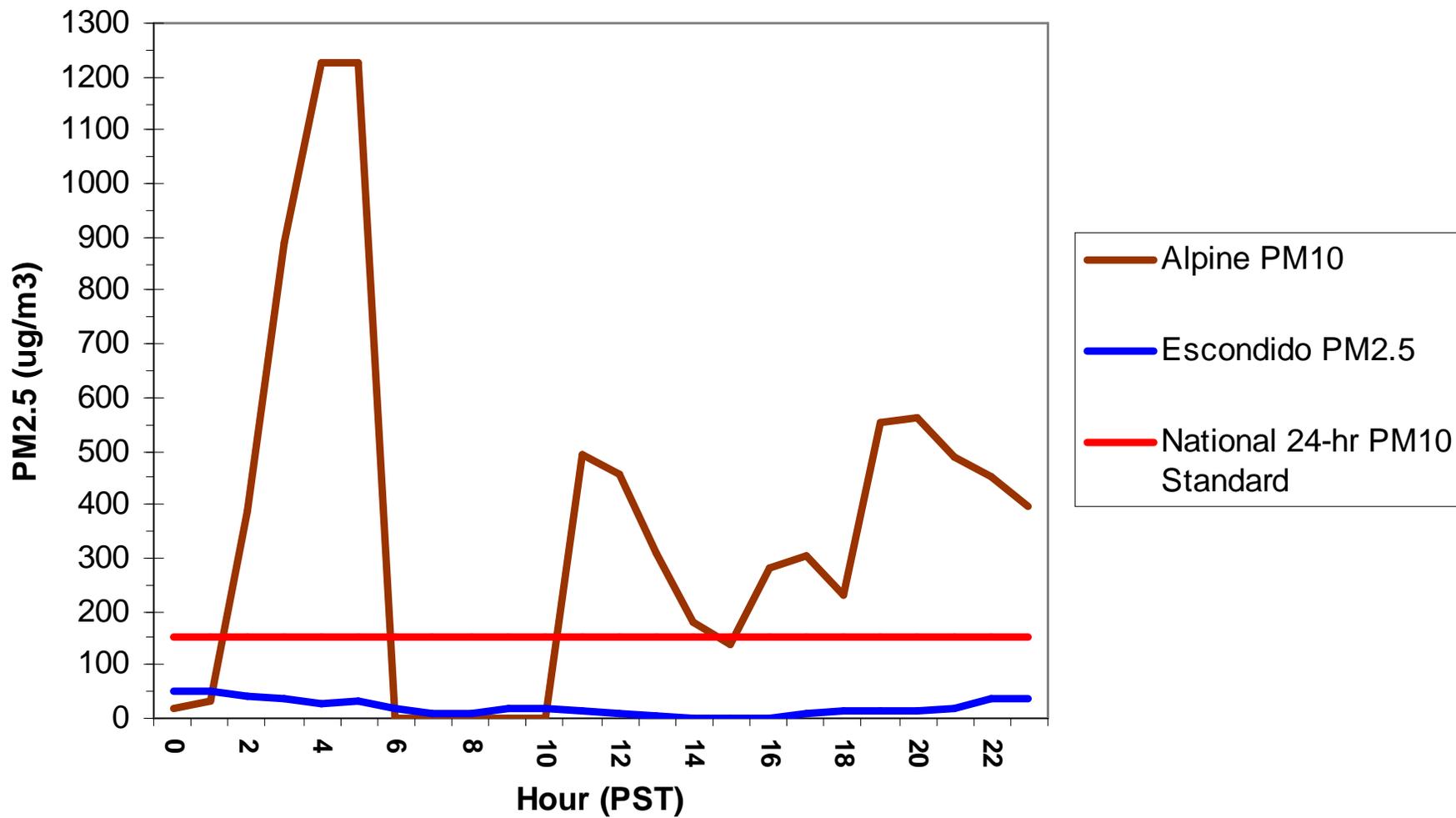








ALP PM10 and ESC PM2.5 for November 27, 2003



Four Years Later - October 2007





**National Video
Conference Calls**

Press Conferences



9am

Noon

6pm



The Call from ARB

- Offering Assistance w/EBAM units
- ????????

EBAM Operated by ARB



District Monitoring Sites with BAM Units – October 2007



ARB Supplemental EBAM Units during 2007 Wildfire



	ALP µg/m3	DTN µg/m3	ECA µg/m3	ESC µg/m3	CVA (EBAM1) µg/m3	SPV (EBAM2) µg/m3	POW (EBAM3/5) µg/m3	OCN (EBAM4) µg/m3	DMF (EBAM5) µg/m3
10/21/2007	11	41	18	5					
10/22/2007	17	32	33	154					
10/23/2007	41	42	60	141	77	63	53		
10/24/2007	22	71	61	43	97	86	64	81	83
10/25/2007	14	48	40	38	78	55	36	77	58
10/26/2007	35	35	39	42	46	47	43	48	56
10/27/2007	20	28	30	41	28	34	29	41	45
10/28/2007	36	33	37	57	38	44	42	78	33
10/29/2007	17	21	19	19	22		20		31
10/30/2007	15	13	14	11			12		18
10/31/2007	20	16	17	17		23		25	25
11/1/2007	24	21	29	26	27	29	33	38	30
11/2/2007	28	31	39	38	43	55	26	48	38
11/3/2007	17	36	37	31	64	62	26	52	47
11/4/2007	21	31	30	26	36	46	20	45	49
11/5/2007	29	24	35	31	43	59	22	36	33
11/6/2007	33	21	32	28	28	45	27	28	32
11/7/2007	30	21	34	30	31	41	27	33	30
11/8/2007	39	17	22	24	18	28	17	26	25
11/9/2007	29	11	17	17	14	25	13	45	23
11/10/2007	17	12	14	12	21	23	9	20	13
11/11/2007	16	10	14	11	23	26	10	16	22
11/12/2007	11	12	14	11	21	13	11	11	18
11/13/2007	9	8	7	9	11	9	9	7	11
11/14/2007	7	10	8	7	11	8	9	6	14
11/15/2007	10	13	18	9	17	10	11		16
11/16/2007	20	18	29	19					
11/17/2007	22	10	26	25					
11/18/2007	11	33	31	32					

Lessons Learned - 2007

- Plan for the unexpected (EOC IT Rules; main office access)
- Know the capabilities of State and other agencies and how quickly they can respond
- Plan to be inundated by the media (local, national, and international)
- Expect VIP visits (lockdowns!)

