## ATTACHMENT A

**Ozone Concentration Data** 



	D	ays >	Stan	dard	1-Hou	r Observ	ations	·	8-Hour	Average	s	·
	St	ate	Na	ational		State	Nat'l	Sta	ate	Na	tional	Year
Year	1-Hr	8-Hr	1-Hr	'08 8-Hr	Max.	D.V.1	D.V.2	Max.	D.V.1	Max.	'08 D.V. <sup>2</sup>	Coverage
2008	67	128	14	102	0.150	0.15	0.135	0.122	0.122	0.121	0.108	96
2007	51	120	3	89	0.129	0.14	0.131	0.110	0.120	0.110	0.107	99
2006	66	125	12	99	0.135	0.14	0.134	0.120	0.117	0.119	0.110	89
2005	64	113	6	90	0.133	0.14	0.149	0.114	0.121	0.113	0.113	98
2004	101	161	8	133	0.155	0.14	0.151	0.126	0.127	0.126	0.116	98
2003	121	160	26	144	0.156	0.15	0.150	0.127	0.127	0.127	0.115	97
2002	88	145	15	125	0.151	0.14	0.142	0.121	0.121	0.120	0.112	99
2001	86	147	16	118	0.134	0.14	0.134	0.115	0.117	0.115	0.109	98
2000	82	130	9	105	0.145	0.14	0.141	0.117	0.119	0.117	0.111	92
1999	94	134	9	116	0.130	0.14	0.137	0.112	0.119	0.112	0.109	97
<b>⊠</b> Graph				[F. ]			<u>}"</u>	<u> </u>		<u>E</u> ^		9

Area: Kern County; San Joaquin Valley Air Basin;

San Joaquin Valley 8-Hour Ozone Planning Area

District: San Joaquin Valley Unified APCD

Years: Ozone data are available for this site from 1989 through 2008.

Notes: All concentrations expressed in parts per million.

The national 1-hour ozone standard was revoked in June 2005 and is no longer in effect. Statistics related

to the revoked standard are shown in italics or italics .

State exceedances shown in yellow . National exceedances shown in orange .

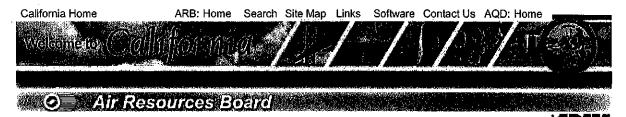
An exceedance is not necessarily a violation.

<sup>1</sup> D.V. = State Designation Value

<sup>2</sup> D.V. = National Design Value

Go to: Data Statistics Home Page Trends Summarles Start Page PM2.5/PM10 Trends for this Site

<sup>\*</sup> There was insufficient (or no) data available to determine the value.



#### Ozone Trends Summary: Bakersfield-Golden State Highway

FAQs

	D	ays >	Stan	dard	1-Hou	r Observ	/ations		8-Hour	Average	s	
	Sta	ate	Na	tional		State	Nat'l	Sta	ate	Na	tional	Year
Year	1-Hr	8-Hr	1-Hr	'08 8-Hr	Max.	D.V.1	D.V.2	Max.	D.V.1	Max.	'08 D.V. <sup>2</sup>	Coverage
2008	9	30	0	18	0.115	0.13	0.112	0.106	0.106	0.105	0.088	67
2007	1	26	1	14	0.127	0.11	0.108	0.103	0.096	0.102	0.086	100
2006	15	62	0	38	0.108	0.11	0.105	0.096	0.096	0.096	0.088	100
2005	7	48	0	27	0.110	0.11	0.109	0.093	0.102	0.092	0.090	100
2004	6	58	0	38	0.104	0.11	0.115	0.093	0.104	0.092	0.094	98
2003	35	88	0	64	0.120	0.11	0.116	0.102	0.106	0.102	0.098	89
2002	29	86	0	62	0.117	0.12	0.116	0.106	0.107	0.105	0.098	94
2001	26	89	1	62	0.125	0.12	0.115	0.107	0.107	0.107	0.096	97
2000	28	83	0	67	0.117	0.12	0.118	0.101	0.112	0.101	0.100	90
1999	26	84	0	62	0.118	0.12	0.118	0.100	0.112	0.099	0.097	100
<b></b> Graph						ж.				·	· .	11 <sup>2</sup>

Info: Click on a column header for more information about the statistic in that column.

Area: Kern County; San Joaquin Valley Air Basin;

San Joaquin Valley 8-Hour Ozone Planning Area

District: San Joaquin Valley Unified APCD

Years: Ozone data are available for this site from 1994 through 2008.

Notes: All concentrations expressed in parts per million.

The national 1-hour ozone standard was revoked in June 2005 and is no longer in effect. Statistics related to the revoked standard are shown in *italics* or *italics*.

State exceedances shown in yellow. National exceedances shown in orange.

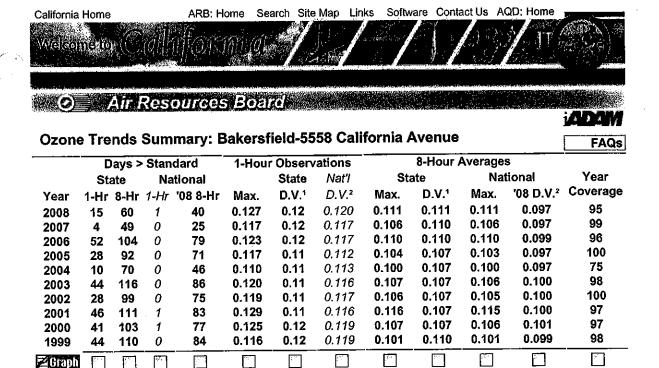
An exceedance is not necessarily a violation.

<sup>1</sup> D.V. = State Designation Value

<sup>2</sup> D.V. = National Design Value

\* There was insufficient (or no) data available to determine the value.

Go to: Data Statistics Home Page Trends Summaries Start Page PM2.5/PM10 Trends for this Site



Area: Kern County; San Joaquin Valley Air Basin;

San Joaquin Valley 8-Hour Ozone Planning Area

District: San Joaquin Valley Unified APCD

Years: Ozone data are available for this site from 1994 through 2008.

Notes: All concentrations expressed in parts per million.

The national 1-hour ozone standard was revoked in June 2005 and is no longer in effect. Statistics related to the revoked standard are shown in *italics* or *italics*.

State exceedances shown in yellow, National exceedances shown in orange.

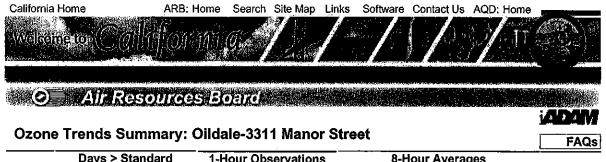
An exceedance is not necessarily a violation.

<sup>1</sup> D.V. = State Designation Value

<sup>2</sup> D.V. = National Design Value

\* There was insufficient (or no) data available to determine the value.

Go to: Data Statistics Home Page Trends Summarles Start Page PM2.5/PM10 Trends for this Site



	D	ays >	Stan	dard	1-Hou	r Observ	ations	· · · · ·	8-Hour	Average	s	
	Sta	ate	Na	itional		State	Nat'l	Sta	ate	Na	tional	Year
Year	1-Hr	8-Hr	1-Hr	'08 8-Hr	Max.	D.V.1	D.V.2	Max.	D.V.1	Max.	'08 D.V. <sup>2</sup>	Coverage
2008	23	81	0	49	0.123	0.12	0.114	0.114	0.106	0.113	0.098	100
2007	11	74	0	41	0.112	0.11	0.112	0.105	0.105	0.105	0.095	99
2006	38	87	0	70	0.118	0.11	0.112	0.105	0.105	0.104	0.096	98
2005	21	91	0	61	0.109	0.11	0.111	0.102	0.104	0.102	0.096	99
2004	20	114	0	77	0.107	0.11	0.112	0.101	0.104	0.101	0.098	99
2003	39	112	0	84	0.119	0.11	0.114	0.104	0.104	0.104	0.099	99
2002	29	101	0	72	0.112	0.11	0.113	0.104	0.107	0.104	0.100	94
2001	28	101	0	74	0.124	0.11	0.113	0.112	0.105	0.111	0.097	96
2000	31	93	0	71	0.124	0.12	0.120	0.107	0.111	0.107	0.101	98
1999	16	101	0	69	0.104	0.12	0.119	0.095	0.111	0.095	0.096	98
<b>⊆</b> Graph		,-	14 v	2	E		50 T	5-				

Area: Kern County; San Joaquin Valley Air Basin;

San Joaquin Valley 8-Hour Ozone Planning Area

District: San Joaquin Valley Unified APCD

Years: Ozone data are available for this site from 1983 through 2008.

Notes: All concentrations expressed in parts per million.

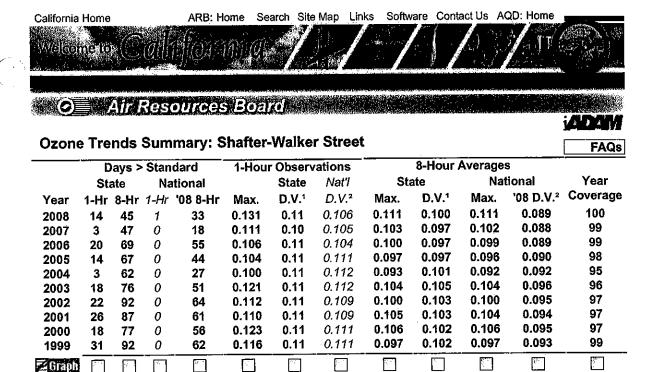
The national 1-hour ozone standard was revoked in June 2005 and is no longer in effect. Statistics related to the revoked standard are shown in *italics* or *italics*.

State exceedances shown in yellow . National exceedances shown in orange .

An exceedance is not necessarily a violation.

- <sup>1</sup> D.V. = State Designation Value
- <sup>2</sup> D.V. = National Design Value
- \* There was insufficient (or no) data available to determine the value.

-			
Go to:	Data Statistics Home Page	Trends Summaries Start Page	PM2.5/PM10 Trends for this Site
-	<u> </u>		



Area: Kern County; San Joaquin Valley Air Basin;

San Joaquin Valley 8-Hour Ozone Planning Area

District: San Joaquin Valley Unified APCD

Years: Ozone data are available for this site from 1989 through 2008.

Notes: All concentrations expressed in parts per million.

The national 1-hour ozone standard was revoked in June 2005 and is no longer in effect. Statistics related to the revoked standard are shown in *italics* or *italics*.

State exceedances shown in yellow . National exceedances shown in orange .

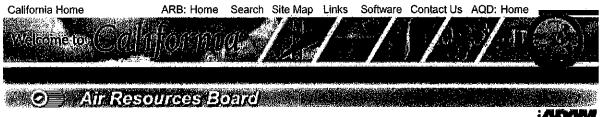
An exceedance is not necessarily a violation.

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<sup>2</sup> D.V. = National Design Value

\* There was insufficient (or no) data available to determine the value.

Go to: Data Statistics Home Page Trends Summaries Start Page PM2.5/PM10 Trends for this Site



#### **Ozone Trends Summary: Edison**

ADAM

100

94

99

**FAQs** 

		ays >	Stan	dard	1-Hou	r Observ	rations		8-Hour Averages			
	St	ate	Na	tional		State	Nat'l	Sta	ate	Nat	tlonal	Year
Year	1-Hr	8-Hr	1-Hr	'08 8-Hr	Max.	D.V.1	D.V.2	Max.	D.V.1	Max.	'08 D.V. <sup>2</sup>	Coverage
2008	55	105	5	79	0.137	0.14	0.136	0.113	0.118	0.112	0.102	99
2007	29	71	1	44	0.138	0.13	0.135	0.105	0.109	0.104	0.099	98
2006	51	90	9	68	0.141	0.13	0.135	0.122	0.109	0.121	0.100	100
2005	38	75	. 0	55	0.124	0.13	0.127	0.100	0.101	0.100	0.097	98
2004	45	96	1	66	0.136	0.14	0.134	0.108	0.112	0.107	0.101	99
2003	70	115	3	81	0.134	0.14	0.134	0.110	0.112	0.109	0.104	99
2002	61	122	8	98	0.142	0.14	0.141	0.116	0.117	0.116	0.106	100

0.138

0.154

0.154

0.108

0.117

0.111

0.113

0.125

0.127

0.107

0.117

0.110

0.104

0.111

0.111

Info: Click on a column header for more information about the statistic in that column.

0.138

0.151

0.140

0.14

0.15

0.15

Area: Kern County; San Joaquin Valley Air Basin;

5

San Joaquin Valley 8-Hour Ozone Planning Area

90

92

89

District: San Joaquin Valley Unified APCD

2001

2000

1999

**⊠**Graph

63

72

68

119

113

113

Years: Ozone data are available for this site from 1981 through 2008.

Notes: All concentrations expressed in parts per million.

The national 1-hour ozone standard was revoked in June 2005 and is no longer in effect. Statistics related to the revoked standard are shown in *italics* or *italics*.

State exceedances shown in yellow . National exceedances shown in orange .

An exceedance is not necessarily a violation.

- <sup>1</sup> D.V. = State Designation Value
- <sup>2</sup> D.V. = National Design Value
- \* There was insufficient (or no) data available to determine the value.

Go to: Data Statistics Home Page Trends Summaries Start Page PM2.5/PM10 Trends for this Site

Bakersfield-5558 California Avenue

FAQs

Year:	20	06	2	007	2	008
	Date	Measurement	Date	Measurement	Date	Measurement
First High:	Sep 13	0.123	Jul 5	0.117	Jui 9	0.127
Second High:	Jun 23	0.120	Jul 6	0.100	Jun 27	0.120
Third High:	Jun 24	0.117	Jun 14	0.098	Jun 25	0.114
Fourth High:	Sep 12	0.115	Sep 8	0.097	Jun 28	0.109
# Days Above Stat	-	52		4	_	15
California Designa				0.12		0.12
Expected Peak				0.119		0.122
# Days Above Na	-			0		1
	esign Value:	0.117		0.117		0.120
	r Coverage:	95		97		95
-	Go Backw	rard One Year	New To	p 4 Summary	Go Forv	vard One Year

Notes: All concentrations are expressed in parts per million.

The national 1-hour ozone standard was revoked in June 2005 and Is no longer in effect. Statistics

related to the revoked standard are shown in italics or italics.

State exceedances are shown in <code>yellow</code> . Exceedances of the revoked national 1-hour standard are shown in <code>orange</code> .

An exceedance is not necessarily a violation.

Year Coverage indicates the extent to which available monitoring data represent the time of the year when concentrations are expected to be highest. 0 means that data represent none of the high period; 100 means that data represent the entire high period.

Go to:	D	ata Statistics H	ome Page		Top 4 Sum	maries Start Pa	age
Switch:	8-Hour Ozone	PM10	PM2.5	Carbon Monoxide	Nitrogen Dioxide	Sultur Dioxide	Sulfide



Year:	20	06	2	007	2008	
	Date	Measurement	Date	Measurement	Date	Measurement
First High:	Jun 23	0.108	Jul 5	0.127	Jun 25	0.115
Second High:	Sep 13	0.108	Jun 14	0.092	Jun 27	0.112
Third High:	Aug 23	0.103	Sep 8	0.092	Jul 9	0.110
Fourth High:	Sep 6	0.103	Jul 6	0.091	Jun 28	0.103
# Days Above State	Standard:	15		1		9
California Designat	tion Value:	0.11		0.11		0.13
Expected Peak I	Day Conc.:	0.106		0.105		*
# Days Above Nat's	l Standard:	0		1		0
National Des		0.105		0.108		0.112
Year Coverage		100		98		66
_	Go Backw	ard One Year	New To	p 4 Summary	Go Forv	ard One Year

Notes: All concentrations are expressed in parts per million.

The national 1-hour ozone standard was revoked in June 2005 and is no longer in effect. Statistics related to the revoked standard are shown in italics or italics.

State exceedances are shown in yellow. Exceedances of the revoked national 1-hour standard are shown in orange.

An exceedance is not necessarily a violation.

Year Coverage indicates the extent to which available monitoring data represent the time of the year when concentrations are expected to be highest. 0 means that data represent none of the high period; 100 means that data represent the entire high period.

Switch:	8-Hour Ozone	PM10	PM2.5	Carbon Monoxide	Nitrogen Dioxide	Sulfur Dioxide	Hydrogen Sulfide
Go to:		ata Statistics Ho	ome Page		Top 4 Sum	maries Start Pa	age

## Highest 4 Daily Maximum Hourly Ozone Measurements Oildale-3311 Manor Street

**ADAM** 

Go Forward One Year

**FAQs** 

Year:	20	06	2	007	2	800
	Date	Measurement	Date	Measurement	Date	Measurement
First High: S	Sep 13	0.118	Jul 5	0.112	Jun 27	0.123
	Sep 6	0.117	Jun 14	0.104	Jun 25	0.113
•	lun 23	0.114	Sep 8	0.104	Jul 9	0.112
	Jul 14	0.112	Jun 18	0.099	Jul 8	0.110
Days Above State S	tandard:	38		11		23
California Designation		0.11		0.11		0.12
Expected Peak Da				0.113		0.117
# Days Above Nat'l S	-	0		0	<u>.</u>	0
National Desig		0.112		0.112		0.114
-	overage:	98		97		100

Notes: All concentrations are expressed in parts per million.

Go Backward One Year

The national 1-hour ozone standard was revoked in June 2005 and is no longer in effect. Statistics

related to the revoked standard are shown in italics or italics.

State exceedances are shown in yellow . Exceedances of the revoked national 1-hour standard are shown in *orange* .

An exceedance is not necessarily a violation.

Year Coverage indicates the extent to which available monitoring data represent the time of the year when concentrations are expected to be highest. 0 means that data represent none of the high period; 100 means that data represent the entire high period.

New Top 4 Summary

Switch:	8-Hour Ozone	PM10	PM2.5	Carbon Monoxide	Nitrogen Dioxide	Sulfur Dioxide	Hydrogen Sulfide
Go to:		Data Statistics H	ome Page		Top 4 Sum	maries Start Pa	age



ADOM

Year:	20	06	2	007	2008		
	Date	Measurement	Date	Measurement	Date	Measurement	
First High:	Aug 28	0.135	Aug 31	0.129	Jun 25	0.150	
Second High:	Jun 23	0.134	Jul 5	0.128	Jul 9	0.144	
Third High:	Sep 12	0.131	Aug 29	0.128	Jul 8	0.138	
Fourth High:	May 11	0.130	Aug 1	0.120	Jun 26	0.135	
# Days Above Stat	e Standard:	66		51		67	
California Design		0.14		0.14		0.15	
Expected Peak	Day Conc.:	0.139		0.142		0.146	
# Days Above Na	t'l Standard:	12		3		14	
National De	esign Value:	0.134		0.131		0.135	
	r Coverage:	87		99		95	
_	Go Backw	ard One Year	Now To	p 4 Summary	Go Foru	vard One Year	

Notes: All concentrations are expressed in parts per million.

The national 1-hour ozone standard was revoked in June 2005 and is no longer in effect. Statistics related to the revoked standard are shown in *Italics* or *italics*.

State exceedances are shown in <code>yellow</code> . Exceedances of the revoked national 1-hour standard are shown in <code>orange</code> .

An exceedance is not necessarily a violation.

Year Coverage indicates the extent to which available monitoring data represent the time of the year when concentrations are expected to be highest. 0 means that data represent none of the high period; 100 means that data represent the entire high period.

Switch:	8-Hour Ozone	PM10	PM2.5	Carbon Monoxide	Nitrogen Dioxide	Sulfur Dioxide	Hydrogen Sulfide
Go to:		Data Statistics He	ome Page		Top 4 Sum	maries Start Pa	age



ADMI

Year:	20	06	2	007	2	.008
	Date	Measurement	Date	Measurement	Date	Measurement
First High:	Aug 28	0.141	Jul 5	0.138	Aug 29	0.137
Second High:	Jun 24	0.135	Aug 29	0.123	Jun 27	0.136
Third High:	Jun 26	0.135	Sep 11	0.116	Jun 25	0.134
Fourth High:	Jun 23	0.134	Sep 8	0.114	Jun 28	0.129
# Days Above Stat	e Standard:	51		29		55
California Designa		0.13		0.13		0.14
Expected Peak		0.133		0.133		0.136
# Days Above Na	_	9		1		5
National Design Value:		0.135		0.135		0.136
	r Coverage:	99	<u> </u>	97		99
_	Go Backw	ard One Year	New Top 4 Summary		Go Forward One Year	

Notes: All concentrations are expressed in parts per million.

The national 1-hour ozone standard was revoked in June 2005 and is no longer in effect. Statistics related to the revoked standard are shown in *italics* or *italics*.

State exceedances are shown in yellow . Exceedances of the revoked national 1-hour standard are shown in orange .

An exceedance is not necessarily a violation.

Year Coverage indicates the extent to which available monitoring data represent the time of the year when concentrations are expected to be highest. 0 means that data represent none of the high period; 100 means that data represent the entire high period.

Switch:	8-Hour Ozone	PM10	PM2.5	Carbon Monoxide	Nitrogen Dioxide	Sulfur Dioxide	Hydrogen Sulfide
Go to:		Data Statistics Ho	me Page	"	Top 4 Sum	maries Start Pa	age



Shafter-Walker Street

FAOs

Year:	20	06	2007		2008	
	Date	Measurement	Date	Measurement	Date	Measurement
First High:	Jun 23	0.106	Jul 5	0.111	Jun 27	0.131
Second High:	Jun 22	0.105	Sep 7	0.099	Jun 28	0.107
Third High:	Sep 13	0.105	Sep 8	0.097	Jun 26	0.106
Fourth High:	Jul 17	0.103	Jun 18	0.093	Jul 8	0.105
# Days Above State	Days Above State Standard:		-	3		14
California Designa	tion Value:	0.11		0.10		0.11
Expected Peak	Day Conc.:	0.105		0.103		0.108
# Days Above Nat	"I Standard:	0		0		1
National Design Value:		0.104		0.105		0.106
Year	Year Coverage:			97		99
	Go Backw	ard One Year	New To	p 4 Summary	Go Forv	vard One Year

Notes: All concentrations are expressed in parts per million.

The national 1-hour ozone standard was revoked in June 2005 and is no longer in effect. Statistics related to the revoked standard are shown in *italics* or *italics*.

State exceedances are shown in <code>yellow</code> . Exceedances of the revoked national 1-hour standard are shown in <code>orange</code> .

An exceedance is not necessarily a violation.

Year Coverage indicates the extent to which available monitoring data represent the time of the year when concentrations are expected to be highest. 0 means that data represent none of the high period; 100 means that data represent the entire high period.

Switch:	8-Hour Ozone	PM10	PM2.5	Carbon Monoxide	Nitrogen Dioxide	Sulfur Dioxide	Hydrogen Sulfide
Go to:	D	ata Statistics He	ome Page			maries Start P	age



ADAM

•	_		
Bakersfie	ld-5558 (	California	Avenue

FAQs

Year:	20	06	2	007	2	008
	Date	8-Hr Average	Date	8-Hr Average	Date	8-Hr Average
National:						
First High: .	Jun 23	0.110	Jul 5	0.106	Jun 27	0.111
Second High:	Jun 24	0.108	Jun 14	0.086	Jun 25	0.103
Third High:	Sep 13	0.108	Jul 4	0.086	Jun 28	0.103
Fourth High:	Jun 22	0.107	Jun 13	0.085	Jun 26	0.101
California:						
	Jun 23	0.110	Jul 5	0.106	Jun 27	0.111
_	Jun 24	0.109	Jun 13	0.086	Jun 28	0.104
	Sep 13	0.109	Jun 14	0.086	Jun 25	0.103
_	Jun 22	0.107	Jun 18	0.086	Jun 26	0.101
National:						
# Days Above '08 N	Nat'l Std.:	79		25		40
'08 Nat'l Std. Desig	gn Value:	0.099		0.097		0.097
National Year C	overage:	96		98		96
California:						
# Days Above State S	Standard:	104		49		60
_	California Designation Value:			0.110	<u> </u>	0.111
	Expected Peak Day Conc.:			0.111		0.114
•	California Year Coverage:			97		95
	Go Backw	ard One Year	New To	p 4 Summary	Go Forward One Year	

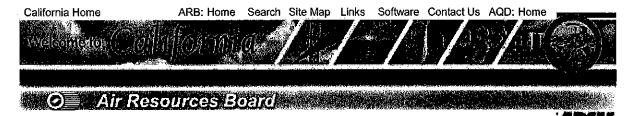
Notes: All averages are expressed in parts per million.

National exceedances are shown in orange . State exceedances are shown in yellow .

An exceedance is not necessarily a violation.

Year Coverage indicates the extent to which available monitoring data represent the time of the year when concentrations are expected to be highest. 0 means that data represent none of the high period; 100 means that data represent the entire high period.

Switch:	Hourly Ozone	PM10	PM2.5	Carbon Mon <u>oxide</u>	Nitrogen Dioxide	Sulfur Dioxide	Hydrogen Sulfide
Go to: _	D	ata Statistics Ho	ome Page		Top 4 Sum	maries Start Pa	age



Bakersfield-Golden State Highway

FAQs

Year:	20	06	2	007	2008	
	Date	8-Hr Average	Date	8-Hr Average	Date	8-Hr Average
National:						
First High:	Jun 23	0.096	Jul 5	0.102	Jun 27	0.105
Second High:	Jun 24	0.094	Sep 8	0.084	Jun 25	0.102
Third High:	Sep 13	0.093	Jul 4	0.082	Jun 28	0.097
Fourth High:	Jun 22	0.091	May 26	0.080	Jun 26	0.094
California:						
First High:	Jun 23	0.096	Jul 5	0.103	Jun 27	0.106
Second High:	Jun 24	0.095	Sep 8	0.084	Jun 25	0.102
Third High:	Sep 13	0.094	Jul 4	0.083	Jun 28	0.098
Fourth High:	Jun 22	0.091	May 26	0.081	Jun 26	0.094
National:						
# Days Above '08 l	Nat'l Std.:	38		14		18
'08 Nat'l Std. Desi	gn Value:	0.088		0.086		0.088
National Year 0	Coverage:	100		99		68
California:		· <u> </u>	•			
# Days Above State	Standard:	62		26		30
California Designati	California Designation Value:			0.096		0.106
Expected Peak Day Conc.:		0.097		0.097		*
•	California Year Coverage:			98		66
<u> </u>	Go Backw	ard One Year	New Top 4 Summary		Go Forward One Year	

Notes: All averages are expressed in parts per million.

National exceedances are shown in  $\ \, {\bf orange}$  . State exceedances are shown in  $\ \, {\bf yellow}$  .

An exceedance is not necessarily a violation.

Year Coverage Indicates the extent to which available monitoring data represent the time of the year when concentrations are expected to be highest. 0 means that data represent none of the high period; 100 means that data represent the entire high period.

<sup>\*</sup> There was insufficient (or no) data available to determine the value.

Switch:	Hourly Ozone	PM10	PM2.5	Carbon Monoxide	Nitrogen Dloxide	Sulfur Dioxide	Hydrogen Sulfide
Go to:		ata Statistics H	ome Page		Top 4 Sum	maries Start Pa	age



ADAM

Oildale-3311	Manor Street

FAQs

O 11 d d 11 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1					<u> </u>		
Year:	20	06	2	007	2	008	
	Date	8-Hr Average	Date	8-Hr Average	Date	8-Hr Average	
National:							
First High: J	lun 23	0.104	Jul 5	0.105	Jun 27	0.113	
Second High: S	Sep 13	0.104	Sep 8	0.094	Jun 25	0.106	
Third High: J	Jun 24	0.103	Jun 18	0.091	Jun 26	0.104	
Fourth High: A	lug 22	0.100	Jul 4	0.090	Jun 28	0.104	
California:	-						
	Jun 23	0.105	Jul 5	0.105	Jun 27	0.114	
	Sep 13	0.105	Sep 8	0.094	Jun 25	0.106	
•	Jun 24	0.104	Jun 18	0.091	Jun 26	0.104	
	Sep 6	0.101	Sep 7	0.091	Jun 28	0.104	
National:	•			<del></del>			
# Days Above '08 N	lat'l Std.:	70		41		49	
'08 Nat'l Std. Desig		0.096		0.095		0.098	
National Year C	overage:	98		98		100	
California:				<del>-</del>			
# Days Above State S	Standard:	87		74		81	
•	California Designation Value:			0.105		0.106	
•	Expected Peak Day Conc.:		0.109			0.109	
California Year C	-	98		97		100	
	Go Backwa		New Top 4 Summary Go Forward			vard One Year	

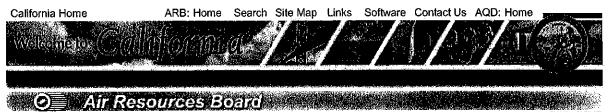
Notes: All averages are expressed in parts per million.

National exceedances are shown in orange. State exceedances are shown in yellow.

An exceedance is not necessarily a violation.

Year Coverage indicates the extent to which available monitoring data represent the time of the year when concentrations are expected to be highest. 0 means that data represent none of the high period; 100 means that data represent the entire high period.

Switch:	Hourly Ozone	PM10	PM2.5	Carbon Monoxide	Nitrogen Dioxide	Sulfur Dioxide	Hydrogen Sulfide	
Go to:	Data Statistics Home Page			Top 4 Summaries Start Page				



ADAY

Go Forward One Year

Arvin-Bear Mounta	ain Blvd		_			FAQs
Year:	20	06	2	007	2	008
	Date	8-Hr Average	Date	8-Hr Average	Date	8-Hr Average
National:						
First High:	Jun 24	0.119	Jul 5	0.110	Jun 25	0.121
Second High:	Jun 23	0.116	Aug 29	0.109	Jun 26	0.121
Third High:	Jun 22	0.113	Sep 7	0.106	Jun 27	0.113
Fourth High:	Sep 12	0.111	Jun 18	0.102	Jun 28	0.112
California:						
First High:	Jun 24	0.120	Jul 5	0.110	Jun 25	0.122
Second High:	Jun 23	0.116	Aug 29	0.109	Jun 26	0.122
Third High:	Jun 22	0.113	Sep 7	0.107	Jun 27	0.113
Fourth High:	Sep 12	0.111	Jun 18	0.103	Jun 28	0.113
National:						
# Days Above '08	Nat'l Std.:	99		89		102
'08 Nat'l Std. Des	sign Value:	0.110		0.107		0.108
National Year	Coverage:	92		99		97
California:						
# Days Above State	Standard:	125		120		128
California Designation Value:		0.117		0.120		0.122
Expected Peak		0.118		0.123		0.127
California Year Coverage:		87		99		95

Notes: All averages are expressed in parts per million.

National exceedances are shown in orange . State exceedances are shown in yellow .

An exceedance is not necessarily a violation.

Go Backward One Year

Year Coverage indicates the extent to which available monitoring data represent the time of the year when concentrations are expected to be highest. 0 means that data represent none of the high period; 100 means that data represent the entire high period.

New Top 4 Summary

<sup>\*</sup> There was insufficient (or no) data available to determine the value.

Switch:	Hourly Ozone	PM10	PM2.5	Carbon Monoxide	Nitrogen Dioxide	Sulfur Dioxide	Hydrogen Sulfide
Go to:		Data Statistics Ho	ome Page	<u> </u>	Top 4 Sum	maries Start P	age



Edison						FAQs
Year:	20	06	2	2007		800
	Date	8-Hr Average	Date	8-Hr Average	Date	8-Hr Average
National:						
First High:	Jun 23	0.121	Jul 5	0.104	Jun 27	0.112
Second High:	Jun 24	0.118	Aug 29	0.096	Jun 25	0.111
Third High:	Aug 22	0.109	Sep 7	0.096	Jun 28	0.111
Fourth High:	Jun 25	0.108	Jul 4	0.093	Aug 29	0.107
California:						
First High:	Jun 23	0.122	Jul 5	0.105	Jun 27	0.113
Second High:	Jun 24	0.118	Sep 7	0.097	Jun 25	0.111
Third High:	Aug 22	0.109	Aug 29	0.096	Jun 28	0.111
Fourth High:	Jun 25	0.108	Jul 4	0.093	Aug 29	0.108
National:		•				
# Days Above '0	8 Nat'l Std.:	68		44		79
'08 Nat'l Std. De	esign Value:	0.100		0.099		0.102
National Yea	r Coverage:	100		98		100
California:	-			<u> </u>		
# Days Above Stat	te Standard:	90		71		105
California Design		0.109	-	0.109	· -	0.118
Expected Peak		0.110		0.111		0.121
California Yea	-	99		97		99
-		ard One Year	New Top 4 Summary		Go Forward One Year	
-				<u>-</u>		_

Notes: All averages are expressed in parts per million.

National exceedances are shown in orange . State exceedances are shown in yellow .

An exceedance is not necessarily a violation.

Year Coverage indicates the extent to which available monitoring data represent the time of the year when concentrations are expected to be highest. 0 means that data represent none of the high period; 100 means that data represent the entire high period.

Switch:	Hourly Ozone	PM10	PM2.5	Carbon Monoxide	Nitrogen Dloxide	Sulfur Dioxide	Hydrogen Sulfide	
Go to:	Data Statistics Home Page			Top 4 Summaries Start Page				



Shafter-Walker Street

EAO

Year:	20	06	2	007	2	008
	Date	8-Hr Average	Date	8-Hr Average	Date	8-Hr Average
National:						
First High:	Jun 23	0.099	Jul 5	0.102	Jun 27	0.111
Second High:	Jun 22	0.094	Sep 8	0.088	Jun 28	0.097
Third High:	Jul 17	0.094	Sep 7	0.084	Jun 26	0.095
Fourth High:	Jun 24	0.093	Jun 13	0.083	Jul 8	0.093
California:						
First Hlgh:	Jun 23	0.100	Jul 5	0.103	Jun 27	0.111
Second High:	Jul 17	0.095	Sep 8	0.088	Jun 28	0.098
Third High:	Jun 22	0.094	Sep 7	0.085	Jun 26	0.096
Fourth High:	Jun 24	0.093	Jun 13	0.084	Jul 8	0.094
National:						
# Days Above '08	8 Nat'l Std.:	55		18		33
'08 Nat'l Std. De	sign Value:	0.089		0.088		0.089
National Year	Coverage:	100		97		99
California:						***
# Days Above State	e Standard:	69		47		45
California Designa	tion Value:	0.097		0.097		0.100
Expected Peak		0.097	0.097			0.100
California Year	•	98		97		99
_	Go Backw	ard One Year	New Top 4 Summary		Go Forward One Year	

Notes: All averages are expressed in parts per million.

National exceedances are shown in orange. State exceedances are shown in yellow.

An exceedance is not necessarily a violation.

Year Coverage indicates the extent to which available monitoring data represent the time of the year when concentrations are expected to be highest. 0 means that data represent none of the high period; 100 means that data represent the entire high period.

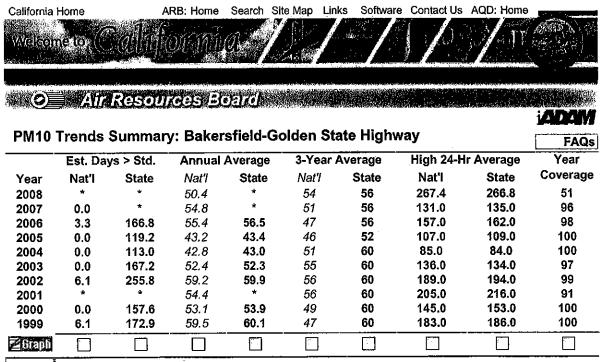
<sup>\*</sup> There was insufficient (or no) data available to determine the value.

Switch:	Hourly Ozone	PM10	PM2.5	Carbon Monoxide	Nitrogen Dloxide	Sulfur Dioxide	Hydrogen Sulfide	
Go to:	Data Statistics Home Page			Top 4 Summarles Start Page				

## **ATTACHMENT B**

 $PM_{10}$  and  $PM_{2.5}$  Concentration Data

( .



Area: Kern County; San Joaquin Valley Air Basin

District: San Joaquin Valley Unified APCD

Years: PM10 data are available for this site from 1994 through 2008. Notes: All concentrations expressed in micrograms per cubic meter.

The national annual average PM10 standard was revoked in December 2006 and is no longer in effect.

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South Coast Air Basin, where State statistics for 2002 and later are based on local conditions).

National statistics are based on standard conditions.

State criteria for ensuring that data are sufficiently complete for calculating valid annual averages

are more stringent than the national criteria.

\* There was insufficient (or no) data available to determine the value.

Go to: Data Statistics Home Page Trends Summaries Start Page Ozone/PM2.5 Trends for this Site

California Home

ARB: Home Search Site Map Links Software Contact Us AQD: Home

Valloamestor

Air Resources Board

#### PM10 Trends Summary: Bakersfield-5558 California Avenue

ADAM

This from Califfra Sanction Cook Califfra								
Est. Days > Std.		Annual	Average	3-Year	Average	High 24-H	r Average	<u> Үеаг</u>
Nat'l	State	Nat'l	State	Nat'l	State	Nat'l	State	Coverage
*	*	48.9	*	48	49	262.3	263.6	59
*	129.5	45.6	48.5	45	49	115.0	118.0	97
0.0	121.2	48.9	48.5	44	48	153.0	159.0	100
0.0	82.7	40.2	40.4	44	48	106.0	108.0	100
0.0	*	43.1	*	47	51	95.0	93.0	85
0.0	160.1	47.7	47.7	48	51	110.0	116.0	98
0.0	176.9	49.9	50.5	48	51	131.0	134.0	100
12.0	119.6	48.7	51.3	48	51	194.0	204.0	100
0.0	100.7	45.9	47.8	44	49	140.0	147.0	100
0.0	114.6	47.6	48.5	43	49	143.0	145.0	100
								\$ ***
	Est. Day Nat'I  * 0.0 0.0 0.0 0.0 0.0 12.0 0.0 0.0	Est. Days > Std.  Nat'l State  *	Est. Days > Std. Annual Nat'l State Nat'l  *	Est. Days > Std. Annual Average  Nat'l State Nat'l State  * * 48.9 *  * 129.5 45.6 48.5  0.0 121.2 48.9 48.5  0.0 82.7 40.2 40.4  0.0 * 43.1 *  0.0 160.1 47.7 47.7  0.0 176.9 49.9 50.5  12.0 119.6 48.7 51.3  0.0 100.7 45.9 47.8  0.0 114.6 47.6 48.5	Est. Days > Std.         Annual Average         3-Year           Nat'l         State         Nat'l         State         Nat'l           *         *         48.9         *         48           *         129.5         45.6         48.5         45           0.0         121.2         48.9         48.5         44           0.0         82.7         40.2         40.4         44           0.0         *         43.1         *         47           0.0         160.1         47.7         47.7         48           0.0         176.9         49.9         50.5         48           12.0         119.6         48.7         51.3         48           0.0         100.7         45.9         47.8         44           0.0         114.6         47.6         48.5         43	Est. Days > Std.         Annual Average         3-Year Average           Nat'l         State         Nat'l         State           *         *         48.9         *         48         49           *         129.5         45.6         48.5         45         49           0.0         121.2         48.9         48.5         44         48           0.0         82.7         40.2         40.4         44         48           0.0         *         43.1         *         47         51           0.0         160.1         47.7         47.7         48         51           0.0         176.9         49.9         50.5         48         51           12.0         119.6         48.7         51.3         48         51           0.0         100.7         45.9         47.8         44         49           0.0         114.6         47.6         48.5         43         49	Est. Days > Std.         Annual Average         3-Year Average         High 24-H           Nat'l         State         Nat'l         State         Nat'l           *         +         48.9         *         48         49         262.3           *         129.5         45.6         48.5         45         49         115.0           0.0         121.2         48.9         48.5         44         48         153.0           0.0         82.7         40.2         40.4         44         48         106.0           0.0         *         43.1         *         47         51         95.0           0.0         160.1         47.7         47.7         48         51         110.0           0.0         176.9         49.9         50.5         48         51         131.0           12.0         119.6         48.7         51.3         48         51         194.0           0.0         100.7         45.9         47.8         44         49         140.0           0.0         114.6         47.6         48.5         43         49         143.0	Est. Days > Std.         Annual Average         3-Year Average         High 24-Hr Average           Nat'l         State         Nat'l         State         Nat'l         State           *         +         48.9         *         48         49         262.3         263.6           *         129.5         45.6         48.5         45         49         115.0         118.0           0.0         121.2         48.9         48.5         44         48         153.0         159.0           0.0         32.7         40.2         40.4         44         48         106.0         108.0           0.0         *         43.1         *         47         51         95.0         93.0           0.0         160.1         47.7         47.7         48         51         110.0         116.0           0.0         176.9         49.9         50.5         48         51         131.0         134.0           12.0         119.6         48.7         51.3         48         51         194.0         204.0           0.0         100.7         45.9         47.8         44         49         140.0         147.0

Info: Click on a column header for more information about the statistic in that column.

Area: Kern County; San Joaquin Valley Air Basin

District: San Joaquin Valley Unified APCD

Years: PM10 data are available for this site from 1994 through 2008. Notes: All concentrations expressed in micrograms per cubic meter.

The national annual average PM10 standard was revoked in December 2006 and Is no longer in effect.

Statistics related to the revoked standard are shown in italics or italics.

State exceedances shown in yellow . National exceedances shown in orange .

An exceedance is not necessarily a violation.

Statistics may include data that are related to an exceptional event.

State and national statistics may differ for the following reasons:

State statistics are based on California approved samplers, whereas national statistics

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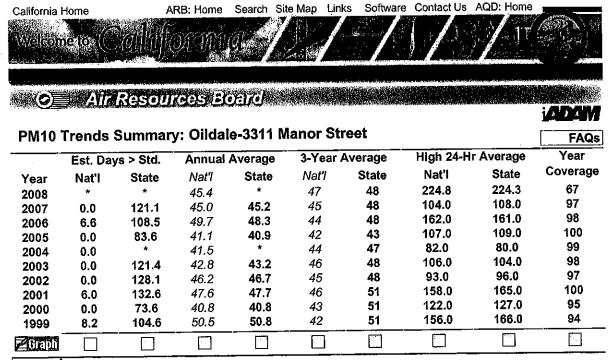
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National statistics are based on standard conditions.

State criteria for ensuring that data are sufficiently complete for calculating valid annual averages are more stringent than the national criteria.

\* There was insufficient (or no) data available to determine the value.

Go to: Data Statistics Home Page Trends Summarles Start Page Ozone/PM2.5 Trends for this Site



Area: Kern County; San Joaquin Valley Air Basin

District: San Joaquin Valley Unified APCD

Years: PM10 data are available for this site from 1988 through 2008. Notes: All concentrations expressed in micrograms per cubic meter.

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Go to: Data Statistics Home Page Trends Summaries Start Page Ozone/PM2.5 Trends for this Site

#### **Highest 4 Daily PM10 Measurements**

Bakersfield-5558 California Avenue

METER

Year:	20	06	2	007	2	008
	Date	Measurement	Date	Measurement	Date	Measuremen
National:						
First High:	Dec 7	153.0	Feb 5	115.0	Oct 9	262.3
Second High:	Sep 14	147.0	Jan 24	107.0	Jan 1	127.7
Third High:	Oct 26	138.0	Nov 8	98.0	Oct 15	111.3
Fourth High:	Sep 28	101.0	Nov 2	94.0	Oct 27	96.0
California:						
First High:	Dec 7	159.0	Feb 5	118.0	Oct 9	263.6
Second High:	Sep 14	142.0	Jan 24	111.0	Jan 1	132.8
Third High:	Oct 26	140.0	Nov 8	96.0	Oct 15	112.6
Fourth High:	Sep 28	100.0	Nov 26	96.0	Oct 27	97.1
Measured:						
# Days Above Nat'l	Standard:	0		0		1
# Days Above State	Standard:	22		24		29
Estimated:			•			
3-Yr Avg # Days Above	Nat'l Std:	0.0		*		*
# Days Above Nat'l	Standard:	0.0		*		*
# Days Above State	Standard:	121.2		129.5		*
State 3-Yr Maximum	Average:	48		49		49
State Annual	_	48.5		48.5		*
National 3-Year	-	44		45		48
National Annua		48.9		45.6		48.9
	Coverage:	100		97		59
	Go Backwa	rd One Year	New Top 4 Summary		Go Forward One Year	

Notes: All concentrations are expressed in micrograms per cubic meter.

The national annual average PM10 standard was revoked in December 2006 and is no longer in effect.

Statistics related to the revoked standard are shown in italics or italics.

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National statistics are based on standard conditions.

State criteria for ensuring that data are sufficiently complete for calculating valid annual averages are more stringent than the national criteria.

Measurements are usually collected every six days. Measured days counts the days that a measurement was greater than the level of the standard; Estimated days mathematically estimates how many days concentrations would have been greater than the level of the standard had each day been monitored.

3-Year statistics represent the listed year and the 2 years before the listed year.

Year Coverage indicates the extent to which available monitoring data represent the time of the year when concentrations are expected to be highest. 0 means that data represent none of the high period; 100 means that data represent the entire high period. A high Year Coverage does not mean that there was sufficient data for annual statistics to be considered valid.

Switch:	Hourly Ozone	8-Hour Ozone	PM2.5	Carbon Monoxide	Nitrogen Dioxide	Sulfur Dioxide	Hydrogen Sulfide	
Go to:	Data Statistics Home Page			Top 4 Summaries Start Page				



#### O Air Resources Board

#### **Highest 4 Daily PM10 Measurements**

Bakersfield-Golden State Highway

FAQs

Sakersneid-Golden State Highway				17100
2006	2	007	20	800
Measurement	Date	Measurement	Date	Measurement
157.0	Feb 5	131.0	Oct 9	267.4
154.0	Dec 14	109.3	Oct 27	116.7
116.0	Jan 24	103.0	Sep 23	113.7
112.0	Apr 12	103.0	Sep 18	110.7
162.0	Feb 5	135.0	Oct 9	266.8
156.0	Dec 14	116.2	Oct 27	117.9
119.0	Jan 24	108.0	Sep 23	112.8
106.0	Apr <u>12</u>	106.0	Oct 15	110.4
d; 1		0		1
		28		29
		-		
d: 1.0		1.0		*
		0.0		*
		*		*
		56	-	56
		*		*
		51		54
		54.8		50.4
		96		51
vard One Year	New Top 4 Summary		Go Forward One Year	
	2006 Measurement  157.0 154.0 116.0 112.0  162.0 156.0 119.0 106.0  d: 1 d: 27  d: 1.0 d: 3.3 d: 166.8 e: 56 e: 56.5 e: 47 e: 98	2006 2006 2006 Measurement Date  157.0 Feb 5 154.0 Dec 14 116.0 Jan 24 112.0 Apr 12  162.0 Feb 5 156.0 Dec 14 119.0 Jan 24 106.0 Apr 12  d: 1 d: 27  d: 1.0 d: 3.3 d: 166.8 e: 56 e: 56.5 e: 47 e: 98	157.0   Feb 5   131.0     154.0   Dec 14   109.3     116.0   Jan 24   103.0     112.0   Apr 12   103.0     162.0   Feb 5   135.0     156.0   Dec 14   116.2     119.0   Jan 24   108.0     106.0   Apr 12   106.0     101.0   Apr 12   106.0     101.0   Apr 12   106.0     101.0   Apr 12   Apr 12     101.0   Apr	Measurement   Date   Measurement   Date

Notes: All concentrations are expressed in micrograms per cubic meter.

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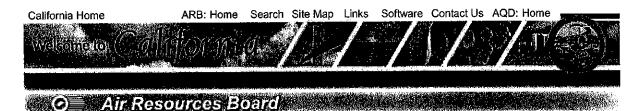
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Switch:	Hourly Ozone	8-Hour Ozone	PM2.5	Carbon Monoxide	Nitrogen Dioxide	Sulfur Dioxide	Hydrogen Sulfide
Go to:	Data Statistics Home Page			Top 4 Summaries Start Page			



#### **Highest 4 Daily PM10 Measurements**

Oildale-3311 Manor Street

Year:	20	06	2	007	2	800	
	Date	Measurement	Date	Measurement	Date	Measuremen	
National:							
First High: Se	ep 22	162.0	Jan 24	104.0	Oct 9	224.8	
Second High: D	ec 6	145.0	Nov 27	103.0	Oct 27	107.7	
Third High: O	ct 26	126.0	Nov 8	102.0	Oct 15	105.0	
Fourth High: Se	ep 14	111.0	Nov 2	87.0	Sep 17	99.9	
California:							
First High: So	ep 22	161.0	Jan 24	108.0	Oct 9	224.3	
_	ec 6	150.0	Nov 27	107.0	Oct 27	107.9	
-	ct 26	127.0	Nov 8	103.0	Oct 15	105.2	
Fourth High: Se	ep 14	109.0	Nov 2	88.0	Sep 17	97.9	
Measured:							
# Days Above Nat'l Sta	andard:	1		0		1	
# Days Above State Sta	andard:	19		21		21	
Estimated:				<del></del>			
3-Yr Avg # Days Above Na	at'l Std:	2.0		2.0		*	
# Days Above Nat'l Sta		6.6		0.0		*	
# Days Above State Sta		108.5	_	121.1		*	
State 3-Yr Maximum A	verage:	48		48		48	
State Annual A				45.2		*	
National 3-Year A	-	44		45		47	
National Annual A	-	49.7		45.0		45.4	
Year Co	_			97		67	
Go	Backwa	rd One Year	New Tor	4 Summary	Go Forv	Go Forward One Year	

Notes: All concentrations are expressed in micrograms per cubic meter.

The national annual average PM10 standard was revoked in December 2006 and is no longer in effect.

Statistics related to the revoked standard are shown in italics or italics.

State exceedances are shown in yellow . National exceedances are shown in orange .

An exceedance is not necessarily a violation.

Statistics may include data that are related to an exceptional event.

State and national statistics may differ for the following reasons:

State statistics are based on California approved samplers, whereas national statistics

are based on samplers using federal reference or equivalent methods.

State and national statistics may therefore be based on different samplers.

State statistics for 1998 and later are based on *local* conditions (except for sites in the South Coast Air Basin, where State statistics for 2002 and later are based on *local* conditions).

National statistics are based on *standard* conditions.

State criteria for ensuring that data are sufficiently complete for calculating valid annual averages are more stringent than the national criteria.

Measurements are usually collected every six days. Measured days counts the days that a measurement was greater than the level of the standard; Estimated days mathematically estimates how many days concentrations would have been greater than the level of the standard had each day been monitored.

3-Year statistics represent the listed year and the 2 years before the listed year.

Year Coverage indicates the extent to which available monitoring data represent the time of the year when concentrations are expected to be highest. 0 means that data represent none of the high period; 100 means that data represent the entire high period. A high Year Coverage does not mean that there was sufficient data for annual statistics to be considered valid.

Switch:	Hourly Ozone	8-Hour Ozone	PM2.5	Carbon Monoxide	Nitrogen Dioxide	Sulfur Dioxide	Hydrogen Sulfide
Go to:	D	ata Statistics He	ome Page		Top 4 Sum	maries Start Pa	age



### PM2.5 Trends Summary: Bakersfield-Golden State Highway

DAN

			•							
	Est. Days	Annual	Average	Nat'l Ann. Std.	State Annual	Nat'l '06 Std. 98th	Nat'l '06 24-Hr Std.	High 2	4-Hour	Year
Year	'06 Std.	Nat'l	State	D.V. <sup>1</sup>	D.V. <sup>2</sup>	Percentile	D.V.1	Nat'l	State	Coverage
2008	*	14.7	*	17.8	25	60.8	64	65.3	88.7	36
2007	*	19.9	25.2	19.2	25	67.7	69	86.6	154.0	88
2006	38.7	18.6	18.6	18.6	19	64.4	64	76.4	76.4	100
2005	45.7	19.1	19.1	19.0	19	74.9	60	83.6	83.6	98
2004	44.0	18.2	18.2	20.6	24	53.9	62	66.6	66.6	98
2003	45.4	19.6	*	21.8	24	51.9	76	67.8	67.8	100
2002	84.9	24.0	24.0	22.8	24	80.4	90	85.0	85.0	100
2001	44.6	21.8	*	23.6	23	95.9	95	120.4	120.4	78
2000	66.8	22.6	22.6	*	23	93.9	*	108.1	108.1	100
1999	68.5	26.2	*	*	*	95.3	*	133.9	133.9	92
Grant							3.			

Info: Click on a column header for more information about the statistic in that column.

Area: Kern County; San Joaquin Valley Air Basin

District: San Joaquin Valley Unified APCD

Years: Annual PM2.5 statistics are available for this site from 1999 through 2008.

Notes: All concentrations expressed in micrograms per cubic meter.

State exceedances shown in yellow. National exceedances shown in orange.

An exceedance is not necessarily a violation.

State and national statistics may differ for the following reasons:

State statistics are based on California approved samplers, whereas national statistics

are based on samplers using federal reference or equivalent methods. State and national statistics may therefore be based on different samplers.

State criteria for ensuring that data are sufficiently complete for calculating valid annual averages are more stringent than the national criteria.

- <sup>1</sup> D.V. = National Design Value
- <sup>2</sup> D.V. = State Designation Value
- \* There was insufficient (or no) data available to determine the value.

Go to: Data Statistics Home Page Trends Summaries Start Page Ozone/PM10 Trends for this Site

California Home

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Wellcometo

Air Resources Board

#### PM2.5 Trends Summary: Bakersfield-5558 California Avenue

ADAY

	Est. Days > Nat'l			Ann. Std.	State Annual	Nat'l '06 Std. 98th	Nat'l '06 24-Hr Std. D.V.1	High 2		Year
Year	'06 Std.	Nat'l	State	D.V.1	D.V. <sup>2</sup>	Percentile	D.V.	Nat'i	State	Coverage
2008	. *	20.1	*	20.3	22	78.5	71	99.3	99.3	48
2007	*	22.0	21.9	19.6	22	73.0	66	85.8	93.7	96
2006	36.7	18.7	21.6	18.5	22	60.5	62	77.7	81.0	83
2005	40.1	17.9	22.4	18.0	25	63.2	58	85.7	102.1	75
2004	*	18.8	*	19.6	25	61.5	61	70.0	72.8	86
2003	*	17.1	24.8	20.3	25	48.3	72	59.3	84.5	80
2002	73.2	22.6	22.7	22.1	23	73.0	87	89.6	104.3	93
2001	48.3	21.1	*	23.7	22	94.9	95	154.7	154.7	92
2000	65.7	22.5	21.9	*	22	92.7	*	112.7	112.7	91
1999	*	27.4	*	*	*	98.0	*	134.8	134.8	83
<b>∑</b> Graph							[F	(N		\$9.5°

Info: Click on a column header for more information about the statistic in that column.

Area: Kern County; San Joaquin Valley Air Basin

District: San Joaquin Valley Unified APCD

Years: Annual PM2.5 statistics are available for this site from 1999 through 2008.

Notes: All concentrations expressed in micrograms per cubic meter.

State exceedances shown in yellow . National exceedances shown in orange .

An exceedance is not necessarily a violation.

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State statistics are based on California approved samplers, whereas national statistics

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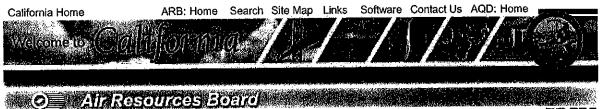
State criteria for ensuring that data are sufficiently complete for calculating valid annual averages are more stringent than the national criteria.

<sup>1</sup> D.V. = National Design Value

<sup>2</sup> D.V. = State Designation Value

\* There was insufficient (or no) data available to determine the value.

Go to: Data Statistics Home Page Trends Summaries Start Page Ozone/PM10 Trends for this Site



#### PM2.5 Trends Summary: Bakersfield-410 E Planz Road

										1743
	Est. Days > Nat'l	Annual	Average	Ann. Std.	State Annual	Nat'l '06 Std. 98th	Nat'l '06 24-Hr Std.	High 2		Year
Year	'06 Std.	Nat'l	State	D.V.1	D.V. <sup>2</sup>	Percentile	D.V.¹	Nat'l	State	Coverage
2008	*	22.5	*	21.2	*	72.3	70	100.3	100.3	32
2007	53.1	21.7	*	20.3	*	72.2	68	90.7	90.7	84
2006	*	19.3	*	18.9	*	64.7	60	78.6	78.6	85
2005	40.4	19.8	*	18.4	*	66.4	54	77.5	77.5	83
2004	*	17.4	*	19.6	24	47.6	54	59.5	59.5	72
2003	26.0	17.8	*	20.7	24	47.5	68	51.9	51.9	93
2002	74.0	23.5	23.5	21.5	24	66.8	78	76.4	76.4	96
2001	42.2	20.8	20.8	*	21	90.6	*	114.2	114.2	93
2000	*	20.2	* .	*	*	76.5	*	91.0	91.0	84
<b>Graph</b>					$\overline{\Box}$					

Info: Click on a column header for more information about the statistic in that column.

Area: Kern County; San Joaquin Valley Air Basin

District: San Joaquin Valley Unified APCD

Years: Annual PM2.5 statistics are available for this site from 2000 through 2008.

Notes: All concentrations expressed in micrograms per cubic meter.

State exceedances shown in yellow. National exceedances shown in orange.

An exceedance is not necessarily a violation.

State and national statistics may differ for the following reasons: State statistics are based on California approved samplers, whereas national statistics

are based on samplers using federal reference or equivalent methods.

State and national statistics may therefore be based on different samplers.

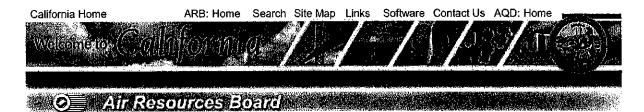
State criteria for ensuring that data are sufficiently complete for calculating valid annual averages are more stringent than the national criteria.

Ozone/PM10 Trends for this Site Go to: Data Statistics Home Page Trends Summaries Start Page

<sup>&</sup>lt;sup>1</sup> D.V. = National Design Value

<sup>&</sup>lt;sup>2</sup> D.V. = State Designation Value

<sup>\*</sup> There was insufficient (or no) data available to determine the value.



#### **Highest 4 Daily PM2.5 Measurements**

Bakersfield-5558 California Avenue

FAQs

Year:	20	006	2	007	2	800	
ŧ	Date	Measurement	Date	Measurement	Date	Measurement	
National:							
First High: C	ec 7	77.7	Feb 5	85.8	Jun 27	99.3	
Second High: D	ec 25	71.2	Feb 4	84.5	Feb 10	78.5	
Third High: Fo	eb 12	65.9	Nov 3	80.2	Feb 12	73.2	
Fourth High: F	eb 11	65.5	Feb 6	79.8	Jan 19	67.2	
California:							
First High: [	Dec 7	81.0	Feb 5	93.7	Jun 27	99.3	
——————————————————————————————————————	ec 25	72.5	Nov 3	92.2	Feb 10	90.7	
Third High: N	ov 21	67.4	Feb 4	91.3	Feb 12	81.7	
	eb 11	66. <del>6</del>	Nov 4	84.7	Feb 11	76.5	
Estimated Days > '06 Nat	''l 24-Hr Std:	36.7		*	•	*	
Measured Days > '06 Nat	t'l 24-Hr Std:	32		49		30	
'06 Nat'l 24-Hr Std Design	Value:	62		66		71	
'06 Nat'l 24-Hr Std 98th Perd	centile:	60.5		73.0		78.5	
National Annual Std Design	Value:	18.5	·	19.6		20.3	
National Annual Av		18.7		22.0		20.1	
State Ann'l Std Designation	_	22		22		22	
State Annual Av		<del></del>		22.0		*	
Year Cov	_	83		96		48	
Go Backward O	ne Year	New 1	Гор 4 Sum	marv	Go Forward One Year		

Notes: All concentrations are expressed in micrograms per cubic meter.

State exceedances are shown in yellow. National exceedances are shown in orange.

An exceedance is not necessarily a violation.

State and national statistics may differ for the following reasons:

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Year Coverage indicates the extent to which available monitoring data represent the time of the year when concentrations are expected to be highest. 0 means that data represent none of the high period; 100 means that data represent the entire high period. A high Year Coverage does not mean that there was sufficient data for annual statistics to be considered valid.

\* There was insufficient data available throughout the year to determine the value.

Switch:	Hourly Ozone	8-Hour Ozone	PM10	Carbon Monoxide	Nitrogen Dioxide	Sulfur Dioxide	Hydrogen Sulfide
Go to:	. 0	Data Statistics Ho	ome Page		Top 4 Sum	maries Start Pa	age



#### **Highest 4 Daily PM2.5 Measurements**

Bakersfield-Golden State Highway

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**FAQs** 

Year:	2006		2	007	2	800	
ι	Date	Measurement	Date	Measurement	Date	Measuremen	
National:							
First High: D	ec 7	76.4	Feb 5	86.6	Jan 19	65.3	
Second High: De	ec 25	75.2	Jan 9	69.4	Feb 9	60.8	
	ov 19	64.4	Nov 2	67.7	Jan 16	52.3	
•	eb 10	60.9	Dec 14	66.6	Jan 13	49.2	
California:							
	ec 7	76.4	Jul 4	154.0	Feb 10	88.7	
	ec 25	75.2	Feb 5	92.6	Feb 12	81.7	
	ov 19	64.4	Feb 4	88.8	Feb 11	73.1	
	eb 10	60.9	Nov 3	88.7	Feb 9	66.8	
Estimated Days > '06 Nat	'l 24-Hr Std:	38.7		Å		*	
Measured Days > '06 Nat	i'l 24-Hr Std:	13		17		4	
'06 Nat'l 24-Hr Std Design	Value:	64		69		64	
'06 Nat'l 24-Hr Std 98th Perc		64.4		67.7		60.8	
National Annual Std Design		18.6	-	19.2		17.8	
National Annual Av		18.6		19.9		14.8	
State Ann'l Std Designation	_	19	·	25		25	
State Annual Av		18.6		25.2		*	
Year Cov	_	100		88		36	
Go Backward Or		New	Top 4 Sum	mary	Go Forward One Year		

Notes: All concentrations are expressed in micrograms per cubic meter.

State exceedances are shown in yellow . National exceedances are shown in orange .

An exceedance is not necessarily a violation.

State and national statistics may differ for the following reasons:

State statistics are based on California approved samplers, whereas national statistics

are based on samplers using federal reference or equivalent methods.

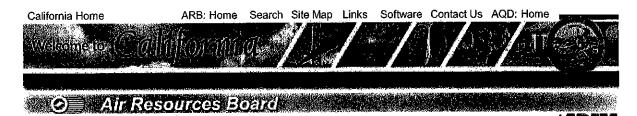
State and national statistics may therefore be based on different samplers.

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\* There was insufficient data available throughout the year to determine the value.

Switch:	Hourly Ozone	8-Hour Ozone	PM10	Carbon Monoxide	Nitrogen Dioxide	Sulfur Dioxide	Hydrogen Sulfide
Go to:		ata Statistics He	ome Page		Top 4 Sum	maries Start Pa	age



#### **Highest 4 Daily PM2.5 Measurements**

Bakersfield-410 E Planz Road

FAQs

Year:	20	06	2	007	2	800
I	Date	Measurement	Date	Measurement	Date	Measurement
National:						
First High: D	Dec 7	78.6	Feb 5	90.7	Jan 4	100.3
Second High: N	ov 19	64.7	Nov 7	73.3	Feb 12	72.3
Third High: N	1ov 9	50.6	Nov 2	72.2	Jan 19	61.3
Fourth High: N	ov 22	50.2	Jan 9	67.0	Jun 26	61.0
California:						
First High: 0	Dec 7	78.6	Feb 5	90.7	Jan 4	100.3
_	ov 19	64.7	Nov 7	73.3	Feb 12	72.3
	lov 9	50.6	Nov 2	72.2	Jan 19	61.3
——————————————————————————————————————	lov 22	50.2	Jan 9	67.0	Jun 26	61.0
Estimated Days > '06 Nat	t'l 24-Hr Std:	*		53.1	•	*
Measured Days > '06 Nat	t'l 24-Hr Std:	10		15		10
'06 Nat'l 24-Hr Std Design	Value:	60		68		70
'06 Nat'l 24-Hr Std 98th Perc		64.7		72.2		72.3
National Annual Std Design	Value:	18.9		20.3		21.2
National Annual Av		19.3		21.8		22.6
State Ann'l Std Designation	-	*		*		*
State Annual Av		*		*		*
Year Cov	-	85	<del></del>	84		32
Go Backward O	ne Year	New	Top 4 Sum	marv	Go Forwar	rd One Year

Notes: All concentrations are expressed in micrograms per cubic meter.

State exceedances are shown in yellow. National exceedances are shown in orange.

An exceedance is not necessarily a violation.

State and national statistics may differ for the following reasons:

State statistics are based on California approved samplers, whereas national statistics

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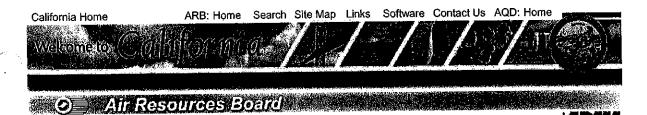
\* There was insufficient data available throughout the year to determine the value.

Switch:	Hourly Ozone	8-Hour Ozone	PM10	Carbon Monoxide	Nitrogen Dioxide	Sulfur Dioxide	Hydrogen Sulfide
Go to:		Data Statistics He	ome Page		Top 4 Sum	marles Start P	age

## ATTACHMENT C

SOx, NOx and CO Concentration Data

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### Highest 4 Daily Maximum 8-Hour Carbon Monoxide Averages

Bakersfield-Golden State Highway

FAQs

Year:	20	06	2	007	2	008
	Date	Measurement	Date	Measurement	Date	Measurement
National:						
First High:	Dec 26	2.19	Jul 5	1.97	Feb 8	2.17
Second High:	Dec 3	2.04	Jan 25	1.91	Jan 19	2.13
Third High:	Dec 6	1.98	Jan 20	1.63	May 25	1.76
Fourth High:	Dec 7	1.90	Jul 4	1.61	Mar 18	1.73
California:						
First High:	Dec 25	2.19	Jul 4	1.97	Feb 8	2.17
Second High:	Dec 2	2.04	Jan 25	1.91	Jan 18	2,13
Third High:	Dec 6	1.98	Jan 19	1.63	May 25	1.76
Fourth High:	Dec 7	1.90	Dec 4	1.61	Mar 17	1.73
# Days Above Nat"	l Standard:	0		0		0
Days Above State				0		0
•	Coverage:			96		33
<del>-</del>	Go Backw	ard One Year	New To	p 4 Summary	Go Forv	vard One Year

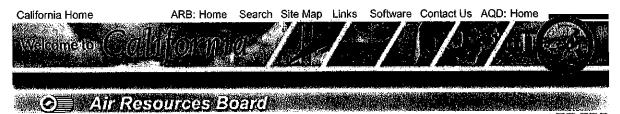
Notes: All averages are expressed in parts per million.

State exceedances are shown in yellow . National exceedances are shown in orange .

An exceedance is not necessarily a violation.

Year Coverage Indicates the extent to which available monitoring data represent the time of the year when concentrations are expected to be highest. 0 means that data represent none of the high period; 100 means that data represent the entire high period.

Switch:	Hourly Ozone	8-Hour Ozone	PM10	PM2.5	Nitrogen Dioxide	Sultur Dioxide	Sulfide
Go to:		Data Statistics H	ome Page		Top 4 Sum	maries Start Pa	age



Bakersfield-5558 California Avenue				
	Bakers	field-5558	California	Avenue

FAQs

Year:	20	06	2007		2008	
	Date	Measurement	Date	Measurement	Date	Measurement
First High:	Sep 27	0.073	Mar 16	0.072	Oct 28	0.083
Second High:	Sep 28	0.072	Oct 26	0.068	Oct 29	0.083
Third High:	Sep 29	0.069	Jan 24	0.064	Sep 15	0.075
Fourth High:	Sep 11	0.068	Nov 5	0.062	Oct 25	0.072
# Days Above Stat	e Standard:	0		0		0
Annual Average: Year Coverage:		0.017	**	0.017		0.016
		96		98		86
_	Go Backward One Year		New Top 4 Summary		Go Forward One Year	

Notes: All concentrations are expressed in parts per million.

State exceedances are shown in yellow . National exceedances are shown in orange .

An exceedance is not necessarily a violation.

Year Coverage Indicates the extent to which available monitoring data represent the time of the year when concentrations are expected to be highest. 0 means that data represent none of the high period; 100 means that data represent the entire high period. A high Year Coverage does not mean that there was sufficient data for annual statistics to be considered valid.

Switch:	Hourly Ozone	8-Hour Ozone	PM10	PM2.5	Carbon Monoxide	Sulfur Dioxide	Hydrogen Sulfide
Go to:		ata Statistics He	ome Page		Top 4 Sum	maries Start P	age



Bakersfield-Golden State Highway

FAQs

Year:	20	06	2007		2008	
First High: Second High: Third High:	Date Sep 28 Sep 29 Sep 13	Measurement 0.076 0.074 0.072	Date Nov 7 Mar 16 Oct 26	Measurement 0.073 0.069 0.065	Date May 13 Sep 16 Jul 23	Measurement 0.064 0.063 0.062
Fourth High:	Nov 1	0.072	Jul 4	0.063	Jul 18	0.061 0
# Days Above State Standard: Annual Average: Year Coverage:		0.021		0.020		*
		99		95		48
<del></del>	Go Backw	ard One Year	New Top 4 Summary		Go Forward One Year	

Notes: All concentrations are expressed in parts per million.

State exceedances are shown in yellow . National exceedances are shown in orange .

An exceedance is not necessarily a violation.

Year Coverage indicates the extent to which available monitoring data represent the time of the year when concentrations are expected to be highest. 0 means that data represent none of the high period; 100 means that data represent the entire high period. A high Year Coverage does not mean that there was sufficient data for annual statistics to be considered valid.

Switch:	Hourly Ozone	8-Hour Ozone	PM10	PM2.5	Carbon Monoxide	Sulfur Dioxide	Hydrogen Sulfide
Go to:		ata Statistics Ho	ome Page		Top 4 Sum	maries Start Pa	age



FAQs

Year:	20	06	2007		2008	
	Date	Measurement	Date	Measurement	Date	Measurement
First High:	May 11	0.047	Mar 16	0.052	Oct 15	0.033
Second High:	Sep 12	0.046	Aug 3	0.040	Jun 12	0.032
Third High:	Sep 5	0.044	Jan 17	0.036	Apr 2	0.031
Fourth High:	Jun 16	0.043	Feb 7	0.035	Apr 18	0.031
Days Above State	e Standard:	0		0		0
Annual Average: Year Coverage:		0.008		0.008		*
		95		95		70
	Go Backward		New Top 4 Summary		Go Forward One Year	

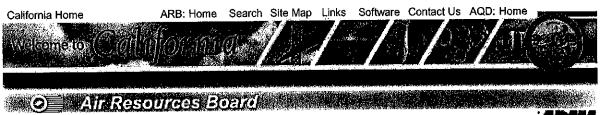
Notes: All concentrations are expressed in parts per million.

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Switch:	Hourly Ozone	8-Hour Ozone	PM10	PM2.5	Carbon Monoxide	Sulfur Dioxide	Hydrogen Sulfide	
Go to:	[	ata Statistics Ho	ome Page		Top 4 Summaries Start Page			



ADAN

**FAQs** 

Year:	2006		2	2007	2008	
1 0411	Date	Measurement	Date	Measurement	Date	Measurement
First High:	Dec 7	0.066	Sep 11	0.048	Jun 19	0.098
Second High:	Dec 6	0.054	Jan 3	0.045	Feb 12	0.048
Third High:	Feb 10	0.046	Feb 5	0.045	Feb 8	0.043
Fourth High:	Feb 23	0.044	Oct 24	0.045	Feb 7	0.041
# Days Above State Standard:		0		0		0
•	al Assarana	0.011		0.010		0.007

 Annual Average:
 0.011
 0.010
 0.007

 Year Coverage:
 98
 99
 72

 Go Backward One Year
 New Top 4 Summary
 Go Forward One Year

Notes: All concentrations are expressed in parts per million.

State exceedances are shown in yellow . National exceedances are shown in orange .

An exceedance is not necessarily a violation.

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Switch:	Hourly Ozone	8-Hour Ozone	PM10	PM2.5	Carbon Monoxide	Sulfur Dioxide	Hydrogen Sulfide
Go to:	Ţ	Data Statistics H	ome Page		Top 4 Sum	maries Start P	age



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Year:	20	06	2007		2008	
	Date	Measurement	Date	Measurement	Date	Measurement
First High:	Dec 7	0.100	Jan 24	0.101	Oct 16	0.057
Second High:	Dec 6	0.094	Jan 9	0.089	Oct 15	0.055
Third High:	Oct 23	0.086	Jan 25	0.089	Oct 28	0.055
Fourth High:	Nov 7	0.079	Jan 10	0.083	Sep 10	0.054
# Days Above State	Standard:	0		0		0
Annual Average: Year Coverage:		0.019		0.014	_	0.013
		96		97		76
		ard One Year	ar New Top 4 Summary		Go Forward One Year	

Notes: All concentrations are expressed in parts per million.

State exceedances are shown in yellow . National exceedances are shown in orange .

An exceedance is not necessarily a violation.

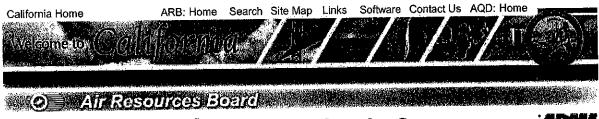
Year Coverage indicates the extent to which available monitoring data represent the time of the year when concentrations are expected to be highest. 0 means that data represent none of the high period; 100 means that data represent the entire high period. A high Year Coverage does not mean that there was sufficient data for annual statistics to be considered valid.

Switch:	Hourly Ozone	8-Hour Ozone	PM10	PM2.5	Carbon Monoxide	Sulfur Dioxide	Hydrogen Sulfide
Go to:		Data Statistics He	ome Page		Top 4 Sum	maries Start P	age

## ATTACHMENT D

**Lead Concentration Data** 

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# Annual Toxics Summary Bakersfield-5558 California Avenue Lead

FAQS

nanograms per cubic meter

in de Albinia a a de la facto	Months	VALUE AND COMMON TO THE COMMON			90th		Standard	Number of	Detection	Estimate
Year	Present	Minimum	Median	<u>Mean</u>	Percentile	Maximum	Deviation	Observations	Limit	<u>Risk</u>
2007	•••••	0.75	7.1	*	11.7	13	3.23	24	1.5	*
2006		*	*	*	*	*	*	0	*	*
2005		*	*	*	*	*	*	0	*	*
2004		*	*	*	*	*	*	0	*	*
2003		4.0	*	*	*	7.0	1.64	5	3.0	*
2002		1.5	7.0	6.78	10	17	3.34	36	3.0	0.08
2001		2	5.0	5.83	9.2	26	4.41	39	4.0	0.07
2000		2	5.0	5.92	14.1	22	4.76	40	4.0	0.07
1999		2	5.0	5.70	11.2	25	4.55	39	4.0	0.07
1998		2	7.0	9.43	14	78	11.8	42	4.0	0.1
1997		2	7.0	7.92	14	20	4.40	34	4.0	0.1
1996		2	7.0	7.69	14.5	35	6.10	36	4.0	0.09
1995		2	8.0	8.68	15.1	21	5.14	30	4.0	0.1
1994		2	10	*	16	39	7.11	25	4.0	*
1993		*	*	*	*	•	*	0	*	*
1993		*	*	*	*	*	*	0	*	*
1992		*	*	*	*	*	*	0	*	*
1990		*	*	*	*	*	*	0	*	*
1989		*	*	*	*	*	*	0	*	*
1909						aph It!				



Notes: Values below the Limit of Detection (LoD) assumed to be ½ LoD.

Means and risks shown only for years with data in all 12 months.

"\*" means there was insufficient or no data available to determine the value.

Data Descriptions Page



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## Annual Toxics Summary Bakersfield-Chester Avenue

FAQS

**Lead**nanograms per cubic meter

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actor is surrounded	Months	Maria Berneral Balance Balance Section of	CONTRACTOR AND A SOCIAL TO	2. 424	90th		Standard	Number of	Detection	Estimated
Year	Present	Minimum	Median	<u>Mean</u>	Percentile	Maximum	Deviation	Observations	Limit *	<u>Risk</u>
2007		*	*	*	*	*	*	0	•	
2006		*	*	*	*	*	*	0	*	*
2005		*	*	*	*	*	*	0	*	*
2004		*	*	*	*	*	*	0	*	*
2003		*	*	*	*	*	*	0	*	*
2002		*	*	*	*	*	+	0	*	*
2001		*	*	*	*	*	*	0	*	*
2000		*	*	*	*	*	*	0 .	*	*
1999		*	*	*	*	*	*	0	*	*
1998		*	*	*	*	*	*	0	*	*
1997		*	*	*	*	*	*	0	*	*
1996		*	*	*	*	*	*	0	*	*
1995		*	*	*	*	*	*	0	*	*
1994		6.0	*	*	*	150	42.8	10	4.0	*
1993		2	15	17.8	30.2	49	9.39	35	4.0	0.2
1992		*	*	*	*	*	*	0	*	*
1991		5.0	27	32.3	62.8	94	21.2	33	4.0	0.4
1990		8.0	31.5	36.3		79	21.3	34	1.0	0.4
1989		2.0	29.5	34.9		172	26.2	60	1.0	0.4
1909	•	2.0								
Graph Iti										



Notes: Values below the Limit of Detection (LoD) assumed to be ½ LoD.

Means and risks shown only for years with data in all 12 months.

"\*" means there was insufficient or no data available to determine the value.

Data Descriptions Page