

US EPA ARCHIVE DOCUMENT



STATE OF ARIZONA

OFFICE OF THE GOVERNOR

1700 WEST WASHINGTON STREET, PHOENIX, AZ 85007

MAIN PHONE: 602-542-4331

FACSIMILE: 602-542-7601

JANET NAPOLITANO
GOVERNOR

July 11, 2003

Wayne Nastri, Regional Administrator
Environmental Protection Agency, Region IX
75 Hawthorne Street
San Francisco, CA 94105-3901

Re: Arizona's 8-Hour Ozone Area Designation Recommendations

Dear Mr. Nastri:

Pursuant to Section 107(d)(1) of the Clean Air Act, Arizona hereby submits the following 8-hour area designation recommendation for all areas of the State outside of Indian Country.

Arizona recommends that all parts of the State (except for Indian Country) be designated attainment/unclassifiable, except for portions of Maricopa County as defined in the Enclosure. Arizona's supporting analysis for this recommendation will be provided to you by Stephen Owens, Director of the Arizona Department of Environmental Quality, under separate cover.

I look forward to working with you to finalize the designation by April 15, 2004. If you have any questions, please contact Director Owens at (602) 771-2203 or Nancy C. Wrona, Director, Air Quality Division, at (602) 771-2308.

Yours very truly,

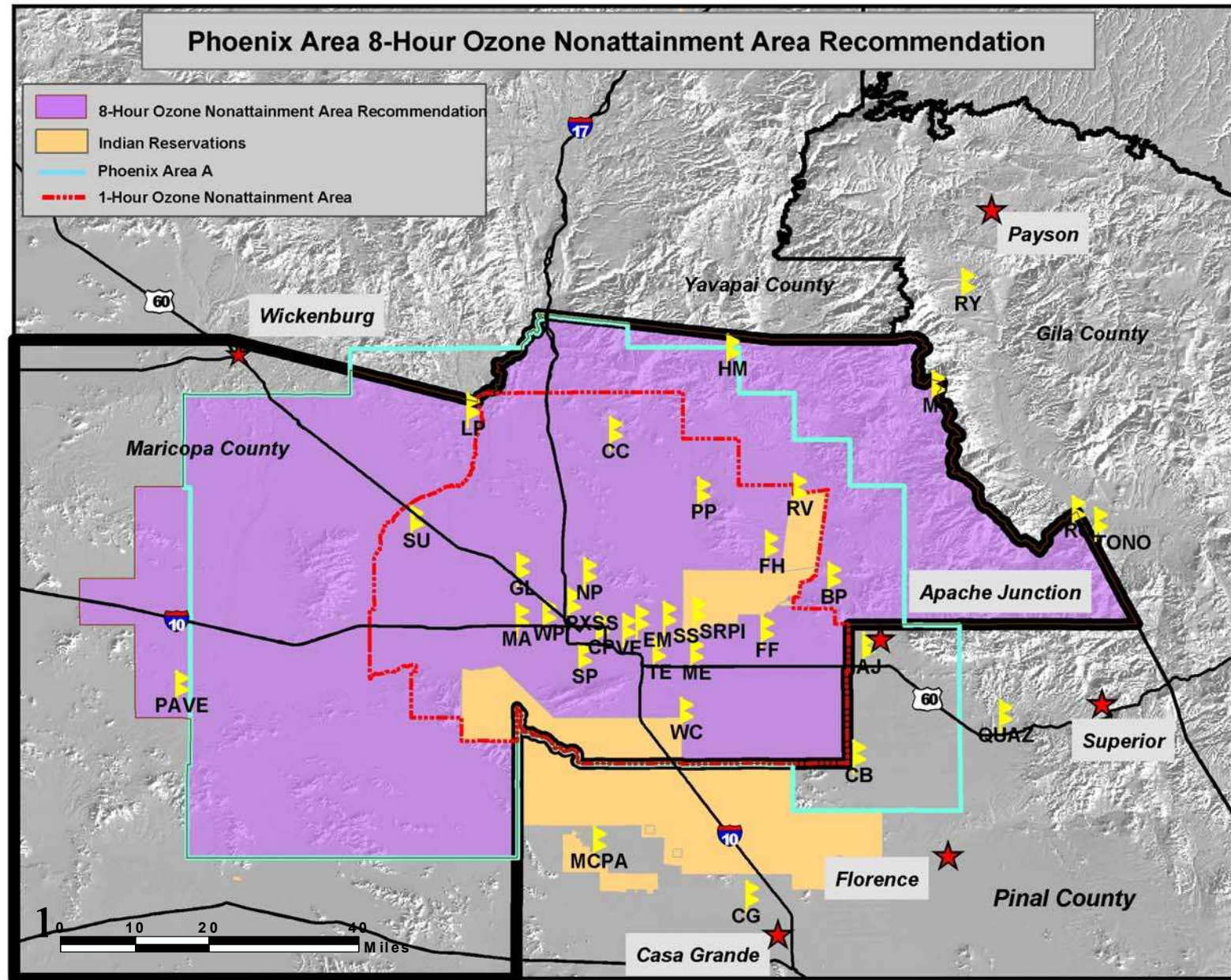
A handwritten signature in black ink, appearing to read "Janet Napolitano".

Janet Napolitano
Governor

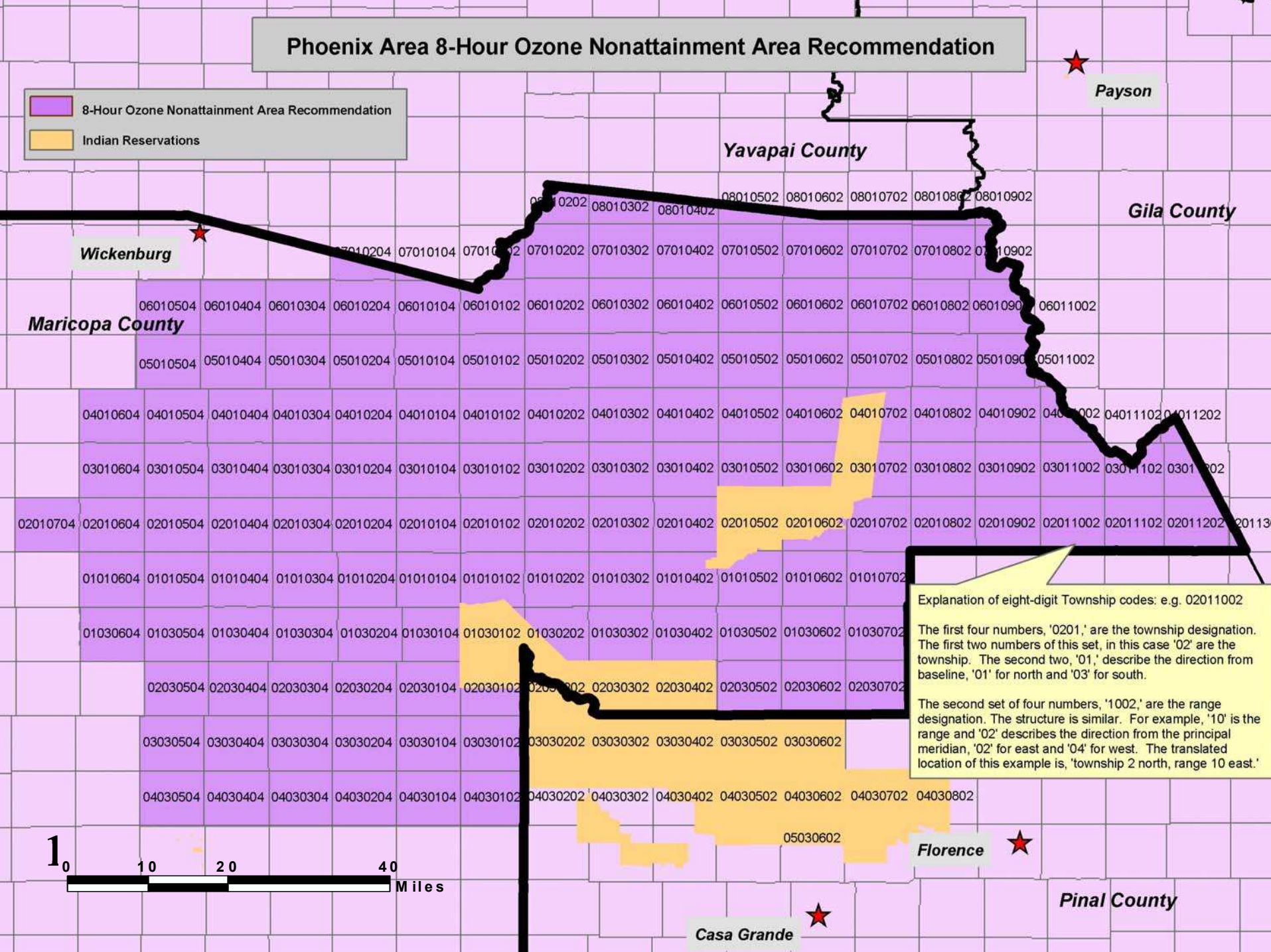
Enclosure

Phoenix Area 8-Hour Ozone Nonattainment Area Recommendation

- 8-Hour Ozone Nonattainment Area Recommendation
- Indian Reservations
- Phoenix Area A
- 1-Hour Ozone Nonattainment Area



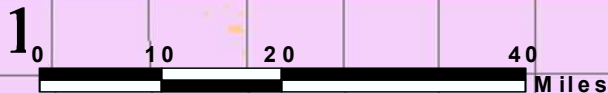
Phoenix Area 8-Hour Ozone Nonattainment Area Recommendation



Explanation of eight-digit Township codes: e.g. 02011002

The first four numbers, '0201,' are the township designation. The first two numbers of this set, in this case '02' are the township. The second two, '01,' describe the direction from baseline, '01' for north and '03' for south.

The second set of four numbers, '1002,' are the range designation. The structure is similar. For example, '10' is the range and '02' describes the direction from the principal meridian, '02' for east and '04' for west. The translated location of this example is, 'township 2 north, range 10 east.'



Arizona-Ozone (8-Hour Standard)

Designated Area	Designation	Classification
	Type	Type
Phoenix Area: Maricopa County (part)..... T1N, R1E (except that portion in Indian Country) T1N, R2E T1N, R3E T1N, R4E (except that portion in Indian Country) T1N, R5E (except that portion in Indian Country) T1N, R6E T1N, R7E T1N, R1W T1N, R2W T1N, R3W T1N, R4W T1N, R5W T1N, R6W T2N, R1E T2N, R2E T2N, R3E T2N, R4E T2N, R6E (except that portion in Indian Country) T2N, R7E (except that portion in Indian Country) T2N, R8E T2N, R9E T2N, R10E T2N, R11E T2N, R12E (except that portion in Gila County) T2N, R13E (except that portion in Gila County) T2N, R1W T2N, R2W T2N, R3W	Nonattainment	

<p> T2N, R4W T2N, R5W T2N, R6W T2N, R7W T3N, R1E T3N, R2E T3N, R3E T3N, R4E T3N, R5E (except that portion in Indian Country) T3N, R6E (except that portion in Indian Country) T3N, R7E (except that portion in Indian Country) T3N, R8E T3N, R9E T3N, R10E (except that portion in Gila County) T3N, R11E (except that portion in Gila County) T3N, R12E (except that portion in Gila County) T3N, R1W T3N, R2W T3N, R3W T3N, R4W T3N, R5W T3N, R6W T4N, R1E T4N, R2E T4N, R3E T4N, R4E T4N, R5E T4N, R6E (except that portion in Indian Country) T4N, R7E (except that portion in Indian Country) T4N, R8E T4N, R9E T4N, R10E (except that portion in Gila County) </p>		
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<p> T4N, R11E (except that portion in Gila County) T4N, R12E (except that portion in Gila County) T4N, R1W T4N, R2W T4N, R3W T4N, R4W T4N, R5W T4N, R6W T5N, R1E T5N, R2E T5N, R3E T5N, R4E T5N, R5E T5N, R6E T5N, R7E T5N, R8E T5N, R9E (except that portion in Gila County) T5N, R10E (except that portion in Gila County) T5N, R1W T5N, R2W T5N, R3W T5N, R4W T5N, R5W T6N, R1E (except that portion in Yavapai County) T6N, R2E T6N, R3E T6N, R4E T6N, R5E T6N, R6E T6N, R7E T6N, R8E T6N, R9E (except that portion in Gila County) T6N, R10E (except that portion in Gila County) T6N, R1W (except that portion in Yavapai County) </p>		
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<p> T6N, R2W T6N, R3W T6N, R4W T6N, R5W T7N, R1E (except that portion in Yavapai County) T7N, R2E (except that portion in Yavapai County) T7N, R3E T7N, R4E T7N, R5E T7N, R6E T7N, R7E T7N, R8E T7N, R9E (except that portion in Gila County) T7N, R1W (except that portion in Yavapai County) T7N, R2W (except that portion in Yavapai County) T8N, R2E (except that portion in Yavapai County) T8N, R3E (except that portion in Yavapai County) T8N, R4E (except that portion in Yavapai County) T8N, R5E (except that portion in Yavapai County) T8N, R6E (except that portion in Yavapai County) T8N, R7E (except that portion in Yavapai County) T8N, R8E (except that portion in Yavapai and Gila Counties) T8N, R9E (except that portion in Yavapai and Gila Counties) T1S, R1E (except that portion in Indian Country) T1S, R2E (except that portion in Pinal County and in Indian Country) T1S, R3E </p>		
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<p>T1S, R4E T1S, R5E T1S, R6E T1S, R7E T1S, R1W T1S, R2W T1S, R3W T1S, R4W T1S, R5W T1S, R6W</p> <p>T2S, R1E (except that portion in Indian Country) T2S, R5E T2S, R6E T2S, R7E T2S, R1W T2S, R2W T2S, R3W T2S, R4W T2S, R5W</p> <p>T3S, R1E T3S, R1W T3S, R2W T3S, R3W T3S, R4W T3S, R5W</p> <p>T4S, R1E T4S, R1W T4S, R2W T4S, R3W T4S, R4W T4S, R5W</p>		
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Rest of State (except those portions in Indian Country).....	Attainment/ Unclassifiable	
Apache County		
Cochise County		
Coconino County		
Gila County		
Graham County		
Greenlee County		
La Paz County		
Maricopa County (part)		
Remainder of County		
Mohave County		
Navajo County		
Pima County		
Pinal County		
Santa Cruz County		
Yavapai County		
Yuma County		



**MARICOPA
ASSOCIATION of
GOVERNMENTS**

302 North 1st Avenue, Suite 300 ▲ Phoenix, Arizona 85003
Phone (602) 254-6300 ▲ FAX (602) 254-6490
Email: mag@mag.maricopa.gov ▲ Website: www.mag.maricopa.gov

August 22, 2003

Mr. Michael Leavitt, Administrator
U.S. Environmental Protection Agency
Ariel Rios Building
1200 Pennsylvania Avenue, N.W.
Washington, DC 20460

Dear Mr. Leavitt:

The Maricopa Association of Governments serves as the designated Regional Air Quality Planning Agency for the Maricopa County nonattainment area. On July 11, 2003, Governor Janet Napolitano recommended an eight-hour ozone nonattainment area boundary within Maricopa County to the Environmental Protection Agency. As Chair of the MAG Regional Council, I strongly encourage EPA to accept Governor Napolitano's recommendation. The proposed boundary represents a reasonable approach to this important environmental and public health issue.

According to EPA policy, the presumption is that the nonattainment area boundary reflect the Metropolitan Statistical Area, which includes all of Maricopa and Pinal Counties. This 14,600 square mile area is comparable in size to the combined area of Massachusetts, Connecticut, and Rhode Island. States may propose a smaller boundary by addressing the key factors identified in the EPA guidance, such as growth and development, commuting patterns, and air quality data.

Following an extensive analysis, the Governor recommended a 4,710 square mile nonattainment area, which includes portions of Maricopa County only (see Attachment). The recommended boundary encompasses the greater Phoenix metropolitan area, the existing one-hour ozone nonattainment area, the growing area to the west where several new power plants are located and substantial residential growth is planned and the area to the north and east of the urban area where monitors are violating the eight-hour standard or have experienced exceedances in recent history.

Based upon 2000-2002 data, only three of the nineteen monitors violated the standard with readings only slightly (.001 parts per million) higher than the standard. The June 2003 EPA implementation guidance indicates that areas close to the standard (within .005 parts per million) are expected to come into attainment without any additional local controls due to stricter federal vehicle controls that begin in 2004.

Again, I strongly encourage EPA to accept Governor Napolitano's recommendation for the eight-hour ozone nonattainment area boundary in Maricopa County. During the process, we appreciated the Governor's consideration of the recommendations made by the MAG Regional Council. We will look forward to working with the Environmental Protection Agency as the region strives to meet the new eight-hour ozone standard. If you have any questions, please do not hesitate to contact Dennis Smith, MAG Executive Director, at (602) 254-6300.

Sincerely,

Wendy Feldman-Kerr
Chair, MAG Regional Council
Mayor of Queen Creek

cc: Governor Janet Napolitano, Arizona
Arizona Congressional Delegation
MAG Regional Council
Stephen Owens, ADEQ Director
Wayne Nastri, EPA Region IX Administrator

DATE	8/25/03
ACTION (✓)	COPIED (✓)
RA	RA
DRA	DRA
✓ AIR	AIR
OCGR	OCGR
ORC	ORC
OSPEI	OSPEI
PMD	PMD
# FUND	# FUND
WASTE	WASTE
WATER	WATER
X-MEDIA	X-MEDIA

A Voluntary Association of Local Governments In Maricopa County

City of Apache Junction ▲ City of Avondale ▲ Town of Buckeye ▲ Town of Carefree ▲ Town of Cave Creek ▲ City of Chandler ▲ City of El Mirage ▲ Town of Fountain Hills ▲ Town of Gilbert ▲ City of Glendale ▲ City of Goodyear ▲ Town of Guadalupe ▲ City of Litchfield Park ▲ Maricopa County ▲ City of Mesa ▲ Town of Paradise Valley ▲ City of Peoria ▲ City of Phoenix ▲ Town of Queen Creek ▲ Salt River Pima-Maricopa Indian Community ▲ City of Scottsdale ▲ City of Surprise ▲ City of Tempe ▲ City of Tolleson ▲ Town of Wickenburg ▲ Town of Youngtown ▲ Arizona Department of Transportation

ARIZONA GOVERNOR'S RECORDING SERVICE

YAVAPAI COUNTY
MARICOPA COUNTY

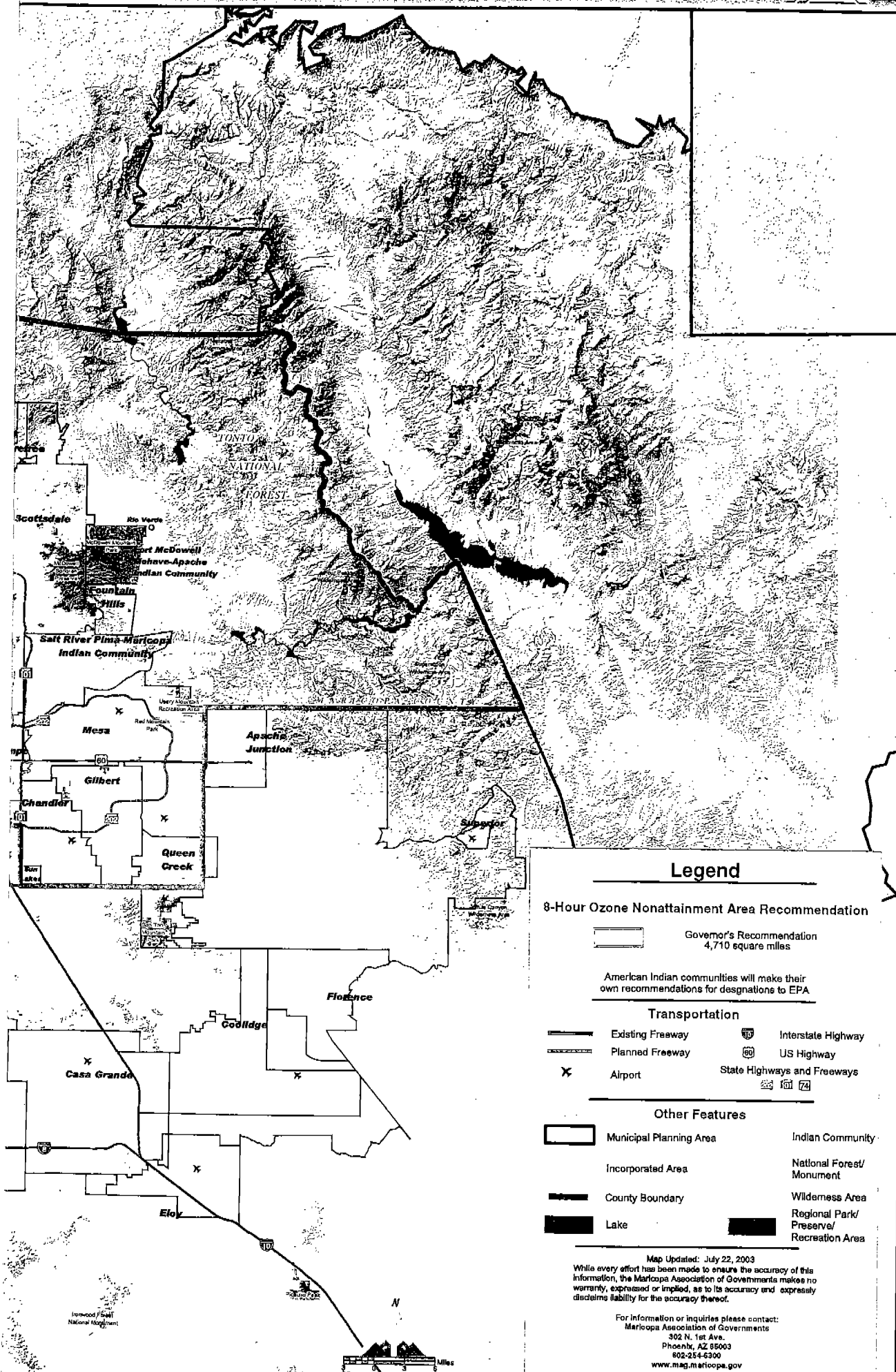
Agua Fria
Wickenburg
Morristown
Circle City
Wittman
Peoria
Surprise
El Mirage
Youngtown
Glendale
Avondale
Tolleson
Goodyear
Litchfield Park
Buckeye
Tonopah
Palo Verde
Hassayam
Arlington
Sagehen
Whiskey Park
Gila Bend
Mobile
Maricopa
Tohono O'odham Indian Community

YUMA COUNTY
PINAL COUNTY
MOHAVE COUNTY

Phoenix
Glendale
Scottsdale
Tempe
Mesa
Chandler
Gilbert
Peoria
Surprise
El Mirage
Youngtown
Glendale
Avondale
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Hassayam
Arlington
Sagehen
Whiskey Park
Gila Bend
Mobile
Maricopa
Tohono O'odham Indian Community

THE 8-HOUR OZONE NONATTAINMENT AREA



[illegible]

3-Year Averages of 4th Highest 8-Hour Averages									
COUNTY	AOS ID	SITE	1995	1996	1997	1998	1999	2000	2001
4th Highest 8-Hour Averages									
3-Year Averages of 4th Highest 8-Hour Values									
Values marked in bold are above standard									
APACHE	No sites								
COCHISE	04-003-8001	Chickasha Nat Monument	0.069	0.072	0.065	0.067	0.072	0.071	0.067
COCOA	04-005-2003	Grand Canyon Nat Park	0.051						
	04-005-8001	Grand Canyon Nat Park - Hance Camp	0.069	0.073	0.072	0.076	0.074	0.070	0.079
		Namigo Generating Station **		0.063		0.065	0.063	0.059	
GILA	04-007-9993	Rye - 1997-1999 only			0.056	0.065	0.060		
	04-007-2010	Tonto National Monument ** began 2002							0.087
GRAHAM	No sites								
LA PAZ	No sites								
MARICOPA	04-013-9804	Arrowhead			0.059				
	04-013-9702	Blue Point			0.063	0.069	0.067	0.087	0.080
	04-013-4008	Cave Creek						0.083	0.088
	04-013-3002	Central Phoenix	0.065	0.076	0.077	0.079	0.078	0.076	0.076
	04-013-1010	Falcon Field			0.061	0.063	0.062	0.075	0.081
	04-013-8704	Fourteen Hills			0.068	0.066	0.065	0.063	0.065
	04-013-2001	Gardendale	0.060	0.072	0.076	0.079	0.081	0.081	0.083
	04-013-8508	Harbort Mt.			0.061	0.060	0.065	0.062	0.060
	04-013-9805	Lake Pleasant - closed 8/07/01			0.062	0.061	0.062	0.073	0.064
	04-013-3006	Maryvale			0.078	0.066	0.077	0.060	0.073
	04-013-1003	Mesa	0.092	0.090	0.084	0.080	0.083	0.075	0.074
	04-013-9701	MT. DID - closed 10/30/01			0.064	0.066	0.087	0.090	0.077
	04-013-1004	North Phoenix	0.062	0.063	0.061	0.063	0.064	0.067	0.065
	04-013-9993	Palo Verde		0.071	0.077	0.069	0.080	0.086	0.086
	04-013-3004	Emergency Management - closed 8/07/01			0.065	0.061	0.065	0.070	0.063
	04-013-9997	JLG Superstic	0.087	0.079	0.079	0.079	0.046	0.076	0.079
	04-013-2005	Private Peak	0.091	0.091	0.082	0.086	0.083	0.085	0.084
	04-013-9706	Rio Verde			0.085	0.079	0.086	0.085	0.085
	04-013-9707	Roosevelt	0.062	0.062	0.064	0.067	0.062	0.063	0.061
	04-013-9994	Salt River Pima Indian Reservation							
	04-013-4003	South Phoenix - new site	0.064	0.091	0.075	0.080	0.075	0.075	0.077
	04-013-3003	South Phoenix - old site	0.069	0.082	0.076	0.076	0.072	0.071	0.079
	04-013-4007	Surprise						0.078	0.080
	04-013-4005	Tempe	0.092	0.090					
	04-013-9998	VEI							
	04-013-4004	West Chandler - new site			0.077	0.074	0.069	0.074	0.078
	04-013-3009	West Chandler - old site	0.064	0.081	0.078	0.086	0.081	0.075	0.084
MOHAVE	No sites								
NAVALO	04-017-1119	Patriated Forest National Park							
PIMA	04-019-0021	Saguaro National Park - East	0.083	0.076	0.079	0.078	0.069	0.074	0.066
	04-019-1028	Tucson - Children's Park			0.065	0.072	0.071	0.077	0.069
	04-019-1011	Tucson - 22nd & Chrysalis	0.060	0.077	0.073	0.074	0.075	0.069	0.075
	04-019-0002	Tucson - Downtown	0.065	0.065	0.065	0.062	0.067	0.067	0.072
	04-019-1020	Tucson - Fairgrounds	0.078	0.070	0.065	0.071	0.069	0.074	0.065
	04-019-0019	Tucson - N. Pomeroy		0.074					
	04-019-1024	Tucson - N. Sabino Canyon Rd.	0.062	0.065					
	04-019-1018	Tucson - Tangerine	0.074	0.071	0.070	0.070	0.073	0.067	0.075
PINAL									
		Apache Junction **	0.081	0.085	0.082	0.082	0.080	0.082	0.078
		Casa Grande **	0.071	0.079	0.072	0.066	0.085	0.074	0.078
		Combs - began 07/02/02 **							
		Maricopa - began 07/05/02 **							
		Pinal Air Park - began 07/05/02 **							
SANTA CRUZ	04-021-8001	Queen Valley - began 2001						0.079	0.083
	No sites								
YAVAPAI	04-025-0005	Hillside							
YUMA	04-027-0003	Yuma	0.073	0.083	0.076	0.083	0.084	0.093	0.076
	04-027-0005	Yuma		0.079	0.089	0.079	0.080	0.088	

**8- Hour Ozone Exceedances - Summary
1995-2002
Number of exceedances at each monitor**

COUNTY	AQS ID	SITE	1995	1996	1997	1998	1999	2000	2001	2002
APACHE	No sites									
COCHISE	04-003-8001	Chiricahua Natl Monument	0	0	0	0	0	0	0	0
		Total	0	0	0	0	0	0	0	0
COCONINO	04-005-2003	Grand Canyon Nat Park	0							
	04-005-8001	Grand Canyon Natl Park - Hance Camp	0	0	0	0	0	0	0	0
	N/A	Navajo Generating Station **			0		0	0	0	
		Total	0	0	0	0	0	0	0	0
GILA	04-007-9993	Rye			0	0	0			
	04-007-0010	Tonto National Monument **								5
		Total			0	0	0			5
GRAHAM	No sites									
LA PAZ	No sites									
MARICOPA	04-013-9604	Arrowhead			0					
	04-013-9702	Blue Point			0	16	6	10	1	5
	04-013-4008	Cave Creek							2	4
	04-013-3002	Central Phoenix	4	0	2	1	1	1	0	1
	04-013-1010	Falcon Field			1	2	0	0	2	3
	04-013-9704	Fountain Hills			5	6	5	4	3	5
	04-013-2001	Glendale	1	1	0	0	0	1	2	2
	04-013-9508	Humboldt Mt.			1	10	7	2	4	8
	04-013-9805	Lake Pleasant - closed 6/01/01				2	0	2	0	
	04-013-3008	Maryvale			1	4	1	1	0	3
	04-013-1003	Mesa	13	5	3	1	3	1	0	0
	04-013-9701	Mt Ord - closed 10/30/01			3	8	6	8	0	
	04-013-1004	North Phoenix	10	13	9	10	3	4	4	5
	04-013-9993	Palo Verde		0	1	1	0	1	0	1
	04-013-3004	Emergency Management - closed 6/01/01			4	0	6	0	0	
	04-013-9997	JLG Supersite		6	1	1	0	1	1	2
	04-013-2005	Pinnacle Peak	5	5	1	7	3	5	4	3
	04-013-9706	Rio Verde			4	3	6	5	0	4
	04-013-9707	Roosevelt			3					
	04-013-9994	Salt River-Pima Indian Reservation	8	12	3	7	2			
	04-013-4003	South Phoenix - new site					0	3	1	2
	04-013-0013	South Phoenix - old site	2	7	1	1	0			
	04-013-3003	South Scottsdale	7	8	1	0	0	1	1	1
	04-013-4007	Surprise							0	0
	04-013-4005	Tempe						1	1	2
	04-013-9998	VEI	6	2						
	04-013-4004	West Chandler - new site						1	1	2
	04-013-3009	West Chandler - old site			0	0	0	0		
	04-013-0019	West Phoenix	0	2	1	7	4	1	0	2
		Total	56	61	45	86	53	53	27	55
MOHAVE	No Sites									
NAVAJO	04-017-1119	Petrified Forest National Park								0
PIMA										0
	04-019-0021	Saguaro National Park - East	2	0	0	0	1	0	0	0
	04-019-1026	Tucson - Children's Park			0	0	1	0	0	1
	04-019-1011	Tucson - 22nd & Craycroft	1	0	1	0	1	0	0	1
	04-019-0002	Tucson - Downtown	0	0	0	0	0	0	0	0
	04-019-1020	Tucson - Fairgrounds	0	0	0	0	0	0	0	0
	04-019-0019	Tucson - N. Pomona	1	0						
	04-019-1024	Tucson - N. Sabino Canyon Rd.	0	0						
	04-019-1018	Tucson - Tangerine	0	0	0	0	0	0	0	1
		Total	4	0	1	0	3	0	0	3
PINAL	N/A	Apache Junction **	8	6	0	2	2	1	0	0
	N/A	Casa Grande **	0	1	0	0	0	5	0	0
	N/A	Combs - began 07/02/02 **								0
	N/A	Maricopa - began 07/05/02 **								0
	N/A	Pinal Air Park - began 07/05/02 **								0
	04-021-6001	Queen Valley							0	1
		Total	8	7	0	2	2	6	0	1
SANTA CRUZ	No sites									
YAVAPAI	04-025-0005	Hillside		4	0	3	3	1	0	4
		Total		4	0	3	3	1	0	4
YUMA	04-027-0003	Yuma	0	1						
	04-027-0005	Yuma			0	5	1	0	0	
		Total	0	1	0	5	1	0	0	

A		B		C		D		E		F		G		H		I		J		K		L		M		N		O		P		Q		R		S		T		U		V		W		X		Y		Z		AA																																																																																																																																																																																																																																																																																																																													
All show averages 1985-2002 or greater are listed for each monitor in rank order of highest to lowest for each year.		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred for that year		None or no sampling occurred	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA
104				0.092 801		1000																					
105				0.093 802		1000																					
106				0.093 802		1000																					
107				0.092 802		1100																					
108				0.092 806		1000																					
109				0.095 710		1100																					
110				0.095 802		1100																					
111				0.095 717		1000																					
112																											
113		04-013-9701	IM Ord																								
114																											
115																											
116																											
117																											
118																											
119																											
120																											
121																											
122																											
123		04-013-1004	North Phoenix	0.091 803		1100	0.094 725		1200	0.094 616		1100	0.095 727		1000	0.093 824		1000	0.091 810		1200	0.093 806		1100	0.093 710		1100
124				0.093 801		1000	0.092 811		1100	0.091 816		1100	0.094 717		1000	0.091 824		1000	0.091 821		1200	0.091 802		1100	0.093 711		1100
125				0.092 802		1000	0.092 808		1000	0.091 816		1000	0.090 828		1000	0.091 824		1000	0.091 821		1200	0.091 802		1100	0.093 711		1100
126				0.092 802		1100	0.092 808		1000	0.091 816		1000	0.090 828		1000	0.091 824		1000	0.091 821		1200	0.091 802		1100	0.093 711		1100
127				0.091 810		1000	0.090 821		1000	0.091 816		1000	0.090 828		1000	0.091 824		1000	0.091 821		1200	0.091 802		1100	0.093 711		1100
128				0.091 801		1000	0.090 821		1000	0.091 816		1000	0.090 828		1000	0.091 824		1000	0.091 821		1200	0.091 802		1100	0.093 711		1100
129				0.091 801		1000	0.090 821		1000	0.091 816		1000	0.090 828		1000	0.091 824		1000	0.091 821		1200	0.091 802		1100	0.093 711		1100
130				0.091 801		1000	0.090 821		1000	0.091 816		1000	0.090 828		1000	0.091 824		1000	0.091 821		1200	0.091 802		1100	0.093 711		1100
131				0.091 801		1000	0.090 821		1000	0.091 816		1000	0.090 828		1000	0.091 824		1000	0.091 821		1200	0.091 802		1100	0.093 711		1100
132				0.091 801		1000	0.090 821		1000	0.091 816		1000	0.090 828		1000	0.091 824		1000	0.091 821		1200	0.091 802		1100	0.093 711		1100
133				0.091 801		1000	0.090 821		1000	0.091 816		1000	0.090 828		1000	0.091 824		1000	0.091 821		1200	0.091 802		1100	0.093 711		1100
134				0.091 801		1000	0.090 821		1000	0.091 816		1000	0.090 828		1000	0.091 824		1000	0.091 821		1200	0.091 802		1100	0.093 711		1100
135				0.091 801		1000	0.090 821		1000	0.091 816		1000	0.090 828		1000	0.091 824		1000	0.091 821		1200	0.091 802		1100	0.093 711		1100
136				0.091 801		1000	0.090 821		1000	0.091 816		1000	0.090 828		1000	0.091 824		1000	0.091 821		1200	0.091 802		1100	0.093 711		1100
137				0.091 801		1000	0.090 821		1000	0.091 816		1000	0.090 828		1000	0.091 824		1000	0.091 821		1200	0.091 802		1100	0.093 711		1100
138		04-013-9853	Palo Verde																								
139																											
140		04-013-3004	Emergency Management - closed 6/5/01																								
141																											
142																											
143																											
144																											
145																											
146		04-013-9997	JL G Blomquist																								
147																											
148																											
149																											
150																											
151																											
152																											
153																											
154		04-013-2005	Pinnacle Peak	0.092 809		1200	0.093 821		1200	0.091 807		800	0.095 727		1000	0.092 823		1100	0.092 821		1200	0.092 806		1100	0.093 712		1100
155				0.092 809		1200	0.093 821		1200	0.091 807		800	0.095 727		1000	0.092 823		1100	0.092 821		1200	0.092 806		1100	0.093 712		1100
156				0.092 809		1200	0.093 821		1200	0.091 807		800	0.095 727		1000	0.092 823		1100	0.092 821		1200	0.092 806		1100	0.093 712		1100
157				0.091 801		1200	0.091 726		1100	0.091 807		1100	0.091 726		1100	0.091 807		1100	0.091 807		1100	0.091 807		1100	0.091 715		1100
158				0.091 810		1000	0.091 606		1100	0.091 807		1100	0.091 606		1100	0.091 807		1100	0.091 807		1100	0.091 807		1100	0.091 715		1100
159																											
160		04-013-9708	Palo Verde																								
161																											
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167																											
168																											
169																											
170		04-013-9707	Recessed																								
171																											
172																											
173		04-013-9894	San River-Pima Indian Reservation	0.094 901		1100	0.090 611		1100	0.091 618		1100	0.090 611		1100	0.091 618		1100	0.091 618		1100	0.091 618		1100	0.091 618		1100
174				0.092 706		1000	0.094 521		1000	0.091 618		1100	0.090 611		1100	0.091 618		1100	0.091 618		1100	0.091 618		1100	0.091 618		1100
175				0.092 808		1000	0.094 730		1100	0.091 618		1100	0.090 611		1100	0.091 618		1100	0.091 618		1100	0.091 618		1100	0.091 618		1100
176				0.092 808		1000	0.094 730		1100	0.091 618		1100	0.090 611		1100	0.091 618		1100	0.091 618		1100	0.091 618		1100	0.091 618		1100
177				0.092 808		1000	0.094 730		1100	0.091 618		1100	0.090 611		1100	0.091 618		1100	0.091 618		1100	0.091 618		1100	0.091 618		1100
178				0.092 808		1000	0.094 730		1100	0.091 618		1100	0.090 611		1100	0.091 618		1100	0.091 618		1100	0.091 618					

A		B		C		D		E		F		G		H		I		J		K		L		M		N		O		P		Q		R		S		T		U		V		W		X		Y		Z		AA		AB																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
COUNTY		AQB ID		SITE		1983		1985		1985		1995		1995		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1985		1	

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