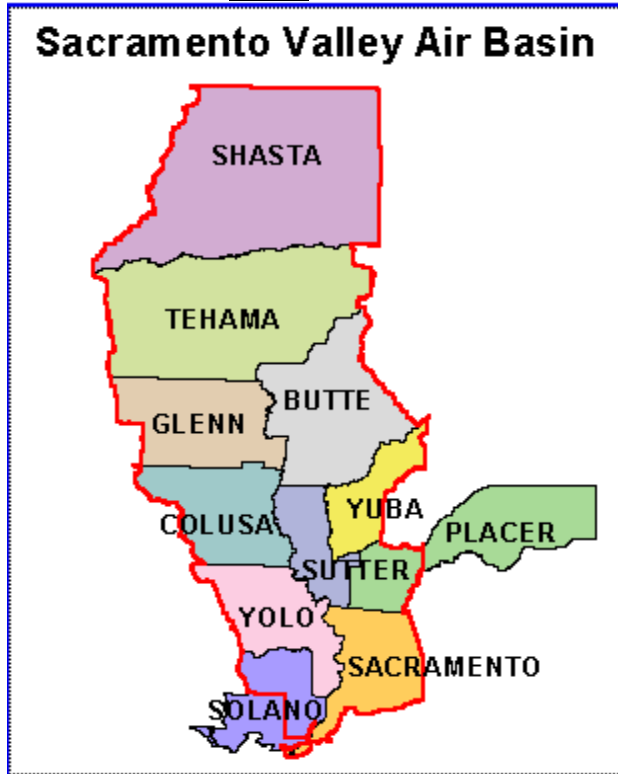


1. BACKGROUND

MAP 1



MAP 2



The following table provides recent demographic data by county and city for the Basin (Table 3).

COUNTY	POPULATION	CITY	POPULATION
BUTTE	230,116	CHICO OROVILLE	88,228 14,687
COLUSA	23,787	COLUSA	5,947
GLENN	30,880	WILLOWS	6,505
PLACER <sup>1</sup>	171,867	ROSEVILLE LINCOLN	118,788 42,819
SACRAMENTO	1,418,788	SACRAMENTO ELK GROVE	466,488 143,885
SHASTA	191,722	REDDING ANDERSON	91,561 10,826
SOLANO <sup>2</sup>	114,910	VACAVILLE DIXON	97,305 17,605
SUTTER	94,737	YUBA CITY	64,925
TEHAMA	65,593	RED BLUFF	13,825
YOLO	200,849	DAVIS WOODLAND	65,622 55,468
YUBA	72,155	MARYSVILLE	12,867
BASIN TOTAL	2,615,404		

1) Source California Department of Finance and 2010 US Census

The following table contains data on fall agricultural burning over several years (Table 4).

	2007	2008	2009	2010
Butte	11,765	10,433	7,220	4,801
Colusa	17,501	11,762	12,289	6,938
Glenn	13,653	10,905	10,507	7,354
Placer	611	739	1,515	784
Sacramento	2,140	1,008	2,354	1,480
Shasta	1,619	1,190	2,408	1,042
Sutter	8,270	8,450	9,171	5,092
Tehama	2,743	2,004	1,934	2,267
Yolo	4,639	3,111	3,407	4,092
Yuba	2,525	2,560	2,625	2,725
<b>BASIN TOTALS</b>	<b>65,466</b>	<b>52,162</b>	<b>53,430</b>	<b>36,575</b>

During the fall burn period (September 1<sup>st</sup> through November 30<sup>th</sup>), all proposed prescribed burning shall be reported by districts to the Smoke Management Program Coordinator (SMPC) at least one day prior to ignition. The information to be reported to the SMPC is indicated on the Prescribed Burning Information Form and can be transmitted using the Prescribed Fire Information Reporting System (PFIRS).

See the example below of records from a burn database of agricultural fields for a single grower.

Field Information						
FIELD #	LOCATION	ZONE	ACRES	BURN?	STAT	
R B5	BAGLEY RD	4	37	No!	E	
R B6	BAGLEY RD	4	74	No!	E	
R E1	DANLEY RD/MAX.SITES	4	22	Burn	E	
R E2	DANLEY RD/MAX.SITES	4	21	Burn	E	
R E3	DANLEY RD/MAX.SITES	4	20	Burn	E	
R E6	MCDERMOTT RD.	4	24	No!	E	
R E6*	MCDERMOTT RD.	4	95	Burn	E	
R E6***	MCDERMOTT RD.	4	50	Burn	E	
R E6****	MCDERMOTT RD.	4	50	Burn	E	
R E7A	MCDERMOTT RD.	4	44	No!	E	
R E7B	MCDERMOTT RD.	4	41	No!	E	
R H63	DANLEY AND TEHAMA-COLUSA CANAL	4	57	No!	E	
R H65	DANLEY AND TEHAMA-COLUSA CANAL	4	45	No!	E	
R H68	DANLEY AND TEHAMA-COLUSA CANAL	4	30	No!	E	

### 13. TYPES OF DAYS

In accordance with state regulation either the local air district or the Air Resources Board may use their judgment in determining the type and/or amount of burning allowed on any given day if it is more stringent. The ARB will identify those days when an overriding judgment decision is made.

The Air Resources Board decision of a no-burn day above 3,000 feet will be taken into consideration in making a decision regarding the type of burning allowed below 3000 feet on that day.

**No-burn days**

No-burn days are days with zero acreage allocated to the district or county resulting from the equations or the no-burn day criteria specified in this Program.

A no-burn day will be declared if any of the following criteria are met:

- 1) A.M. stability is  $\geq 17$  degrees Fahrenheit and the midnight to 6:00 a.m. average basinwide  $PM_{2.5}$  is  $\geq 30 \text{ ug/m}^3$
- 2) Average basinwide north wind speed is forecast to be  $\geq 20$  miles per hour (applies from September 1<sup>st</sup> through December 31<sup>st</sup>)
- 3) A.M. stability is  $\geq 17$  degrees Fahrenheit and the midnight to 6:00 a.m. average basinwide  $PM_{2.5}$  is  $\geq 32 \text{ ug/m}^3$  at three or more monitoring sites

During the intensive fall burn season, the SMPC or ABS will notify districts of a possible ARB or ABS decision to declare a no-burn day in the FB8AM file comments. During the intensive fall burn season the SMPC will announce final no-burn decisions, from either the ARB or the ABS, in the FB9AM computer file only.

No burning will be declared, in certain burning management zones, on Spare The Air days as specified in the Administrative Policies section of this Program. The local district also has the authority to declare it a no-burn day within their jurisdiction.

**Prunings only days**

The ARB will declare a prunings only day if either of the criteria below are met and a no-burn day is not declared. The allocation and distribution to each county will be a minimum of 200 acres.

- 1) A.M. stability is  $\geq 17$  degrees Fahrenheit and the midnight to 6:00 a.m. average basinwide  $PM_{2.5}$  is 28 to 29  $\text{ug/m}^3$ .
- 2) Average basinwide north wind speed is forecast to be  $\geq 20$  miles per hour (applies from January 1<sup>st</sup> through August 31<sup>st</sup>)

During the intensive fall burn season, the SMPC will announce any prunings only burning decisions, from either the ARB or the ABS, in the FB9AM computer file only. Prunings does not include tree stumps from pushouts.

**7. PROCEDURES FOR ALLOCATION AND ADJUSTMENTS OF ACREAGE**

**Air quality reduction factors**

The following table lists the  $PM_{2.5}$  air monitoring station(s) associated with each county or air district for purposes of calculating the air quality reduction factor.

<b>Corresponding <math>PM_{2.5}</math> Monitoring Station(s) for Air Quality Reduction Factors</b>	
<b>COUNTY</b>	<b>MONITORING STATIONS</b>
Butte	Chico and Gridley
Colusa	Colusa
Glenn	Willows
Placer	Roseville
Sacramento	T Street
Shasta	Anderson
Sutter	Yuba City
Tehama	<del>Anderson</del> <u>Willows</u>
Yolo-Solano	Davis and Woodland
Yuba	Yuba City