



South Coast Air Quality Management District

**Facility Prioritization Procedure
for
the Rule 1402 Implementation of the AB 2588 Program**

December 2025

Preface

This version of the Prioritization Procedure updates the previous October 2020 version. This is intended to be a "living" document, which staff will update periodically as needed.

The revisions to this document from the previous October 2020 version include:

- Updating the annual and hourly receptor proximity adjustment factors (Tables 2 and 3) using the most current meteorological data;
- Updating the multipathway factors used for prioritization; and
- Incorporating the multipathway factor calculation methodologies into an appendix.

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I. INTRODUCTION

The Air Toxics "Hot Spots" Information and Assessment Act of 1987 (commonly known as AB 2588) established a statewide program for the inventory of air toxics emissions from individual facilities as well as requirements for risk assessment and public notification of potential health risks.

This document describes the facility prioritization procedure utilized by South Coast AQMD (South Coast AQMD Procedure), which is consistent with the California Air Pollution Control Officers Association's (CAPCOA) August 2016 Facility Prioritization Guidelines (CAPCOA Guidelines)¹ developed by the Toxics and Risk Managers Committee (TARMAC). AB 2588 requires the South Coast Air Quality Management District (South Coast AQMD) to designate high, intermediate, and low priority categories and include each facility within the appropriate category based on its individual priority score. In establishing priorities, South Coast AQMD is to consider the potency, toxicity, quantity and volume of hazardous materials released from the facility; the proximity of the facility to potential receptors, including, but not limited to, hospitals, schools, daycare centers, worksites and residences; and any other factors that South Coast AQMD finds and determines may indicate that the facility may pose a significant risk to receptors.

While the South Coast AQMD Procedure is consistent with the CAPCOA Guidelines, several refinements have been made over the history of South Coast AQMD's AB 2588 Program. In September 1990, South Coast AQMD refined the original CAPCOA Guidelines to include adjustment factors for receptor proximity, exposure period, and averaging times in addition to the treatment of multipathway pollutants. In August 2004, South Coast AQMD revised its Procedure to accommodate the use of cancer potency factors (instead of unit risk factors) to allow for daily breathing rate and body weight variations as well as revised multipathway factors for resident and workers. In March 2011, the South Coast AQMD Procedure was revised to include updated toxicity criteria. In June 2015, the South Coast AQMD Procedure was updated to incorporate the revised risk calculation methodologies in the 2015 Office of Environmental Health Hazard Assessment (OEHHA) Guidance Manual for Preparation of Health Risk Assessments.

In November 2016, the South Coast AQMD Procedure was revised to further streamline and refine the prioritization methodology for better characterization of the priority score for each facility before an Air Toxics Inventory Report (ATIR) or a Voluntary Risk Reduction Plan (VRRP) is requested. The 2016 South Coast AQMD Procedure used the local meteorology from all available South Coast AQMD meteorological stations (Version 8 meteorological data) for every facility and evaluated risks at the actual closest receptor locations as well as receptors located in the worst case wind direction (e.g., downwind). The September 2019 South Coast AQMD Procedure incorporated the Version 9 meteorological data and simplified calculation of a facility's non-cancer acute score. The October 2020 version of the South Coast AQMD Procedure corrected the equation for calculating the cancer score for worker adjustment factor, removed reference to worker adjustment factor in non-cancer chronic description, and provided additional clarity on the worker adjustment factor (WAF).

¹ <https://capcoa.org/capcoa-prioritization-guidelines/>

This 2025 update of the South Coast AQMD Procedure incorporates the most current meteorological data (Version 11), updates multipathway factors, and includes the corresponding methodology for calculating multipathway factors.

II. FACILITY PRIORITIZATION PROCEDURE

South Coast AQMD's Procedure primarily relies on four parameters to prioritize facilities: emissions, toxicity, the proximity to potential receptors, and stack height. A facility receives scores for four health endpoints: cancer, non-cancer chronic, non-cancer chronic 8-hr, and non-cancer acute. The cancer, non-cancer chronic, non-cancer chronic 8-hr health endpoints are evaluated for four receptors for each facility: the absolute closest sensitive receptor and worker receptor, and the closest sensitive receptor and worker receptor in the worst-case wind direction. The non-cancer acute health endpoint is evaluated at a single receptor only in the worst-case wind direction. Unlike the sensitive and worker receptor, this single receptor can be located at the facility fenceline due to a potential one-hour exposure duration. In total, every facility receives 13 different scores: three health endpoints (cancer, non-cancer chronic and non-cancer chronic 8 hour) at four receptors, and one non-cancer acute health endpoint at a single receptor. The highest score is used to determine the Priority Score (PS).

Three categories are used in the ranking: high priority, intermediate priority and low priority. Facilities designated as high priority are required to submit either an ATIR or VRRP under the AB 2588 Program. Facilities ranked with intermediate priority are considered District Tracking facilities, which are then required to submit an emissions inventory once every four years. Facilities ranked with low priority are potentially exempt from reporting. Due to the very conservative nature of the screening South Coast AQMD Procedure uses for prioritization, and consistent with CAPCOA's Guidelines, facilities that are designated as high priority may not significantly impact receptors. The same emissions profile evaluated in a more detailed Health Risk Assessment (HRA) using actual stack parameters and more detailed dispersion modeling will result in a more accurate risk estimation and likely lower calculated risks. The following table summarizes thresholds used to prioritize facilities:

Table 1: Prioritization Categories

Priority Score	Category
$PS > 10$	High Priority
$1 < PS \leq 10$	Intermediate Priority
$PS \leq 1$	Low Priority

Facilities subject to the AB 2588 Program are required to submit a detailed list of their air toxic emissions every four years (referred to as a quadrennial update). Based on their level of air toxic and criteria pollutant emissions, each year a different group of facilities will report a detailed list of its air toxic emissions. Upon initial prioritization of facilities, South Coast AQMD staff conducts auditing to confirm the distances reported to sensitive receptors and workers, verify reported emissions are consistent with expected levels considering trends and facility changes such as new or modified permitted equipment or pollution controls, and compare the priority score results with the last (HRA) or Risk Reduction Plan (Voluntary or Traditional), if applicable. This additional information obtained through priority score auditing will often negate the need to ask for additional

reports such as an ATIR. However, if the priority score remains high, the facility may be asked to prepare an ATIR or a VRRP under the AB 2588 Program.

A. Calculation of Cancer Score

The scores for residential and worker cancer effects are calculated as follows:

$$S_{r,cancer} = \sum E_c \times CP_c \times MP_{c,r} \times RP_r \times 677.40 \times 10^{-1}$$

$$S_{w,cancer} = \sum E_c \times CP_c \times MP_{c,w} \times RP_w \times WAF \times 55.86 \times 10^{-1}$$

Where:

$S_{r,cancer}$	=	Total cancer score (summed for all carcinogens separately, by the residential receptor and worker receptor)
$S_{w,cancer}$	=	Specific carcinogen
c	=	Residential receptor
r	=	Worker receptor
w	=	Annual emissions of carcinogen, $c \left(\frac{ton}{year} \right)$
E_c	=	Cancer potency of carcinogen, $c \text{ (mg/kg-day)}^{-1}$
CP_c	=	Multipathway adjustment factor of carcinogen, c; there are separate multipathway factors for residential receptor and worker receptors for the applicable exposure duration (see Appendix I for calculation methodology)
$MP_{c,r}$	=	Receptor proximity adjustment factor for residential receptor and worker receptor
$MP_{c,w}$	=	receptor, $\chi/Q \left(\frac{\mu g}{m^3} / \frac{ton}{year} \right)$
RP_r	=	Worker Adjustment Factor (dimensionless)
RP_w	=	30-Year Residential Combined Exposure Factor, 677.40
WAF	=	25-Year Worker Combined Exposure Factor, 55.86
$CEFR$	=	10^{-1} = Scalar to adjust priority score to 1-10 scale
$CEFW$	=	

Annual Emissions:

Annual emissions of carcinogens are taken from the Toxic Air Contaminants (TAC)/Ozone Depleting Compounds (ODC) Emissions and Fees Summary of the Annual Emission Reporting (AER) Program. Each substance has a degree of accuracy associated with them that is a de-minimis emission level for reporting. As a result, facility-wide air toxic emissions greater than one-half of their corresponding degree of accuracy are inventoried and reported. Conversely, total facility air toxic emissions less than one-half of their corresponding degree of accuracy levels are not considered in the prioritization. The carcinogens and associated degree of accuracy levels are listed in the *AB 2588 Quadrennial Air Toxics Emission Inventory Reporting Procedures*.²

² <https://www.aqmd.gov/docs/default-source/planning/risk-assessment/forms-and-guidelines/quadrennial-procedures.pdf>

Cancer Potency:

The Cancer Potency (CP) factor is a measure of the cancer potency of a carcinogen. The CP is the estimated probability that a person will contract cancer as a result of a daily inhalation of 1 milligram of the carcinogen per kilogram of body weight continuously over a period of 70 years. The cancer potencies used in this Procedure are published by the Office of Environmental Health Hazard Assessment (OEHHA).³

Multipathway Adjustment Factor:

The multipathway (MP_c) adjustment factor is used for carcinogens that may contribute to risk from exposure pathways other than inhalation. These carcinogens deposit on the ground in particulate form and contribute to risk through ingestion of soil or backyard garden vegetables or through other routes. This factor is used to account for additional risks from exposure through non-inhalation pathways. The MP_c adjustment factors for specific carcinogens have been developed by South Coast AQMD staff by using the Health Risk Assessment Standalone Tool (RAST) developed by the California Air Resources Board (CARB).⁴ The MP_c factors also satisfy the requirements of the South Coast AQMD's *Risk Assessment Procedures for Rules 1401, 1401.1 and 212*.⁵ The methodology used to calculate the MP_c adjustment factors for worker and residents for longest exposure duration is outlined in Appendix I. For carcinogens that only affect the inhalation pathway, the MP_c adjustment factor is set to one.

Receptor Proximity Adjustment Factor:

There are four Receptor Proximity (RP) adjustment factors calculated for each facility for cancer score. They are calculated based on the distances from the facility to the nearest sensitive (e.g., residential) and worker receptors regardless of wind direction, and the nearest sensitive and worker receptors in the worst-case wind direction. The receptors in the worst-case wind direction are also evaluated in case the nearest receptors do not experience the highest risk. Receptor locations are off-site, where persons may be exposed to air toxic emissions from the facility. The receptor distance is defined as the closest distance between any major source or group of major sources of air toxic emissions at the facility and the property boundary of any one of the receptor locations. Consistent with the CAPCOA Guidelines, the minimum distance evaluated is 50 meters. The RP adjustment factors for every meteorological station⁶ using the Version 11 meteorological data at receptor locations of 50, 75, 100, 200, 300, 500, and 1000 meters are included in Tables 3 and 4 at the end of this guidance. These RP adjustment factors are (χ/Q) values derived from U.S. EPA's AERMOD air dispersion model utilizing a unitary emission rate of one ton per year exiting out of a 0.1 meter diameter stack that is 0.27 meters above a 4.0 meter tall building, with a velocity of 5 meters per second. Linear interpolation is used to determine the appropriate (χ/Q) for receptor locations located between the distances specified in Tables 4 and 5 at the end of this document.

³ The latest CP values can be obtained at <http://www.arb.ca.gov/toxics/healthval/healthval.htm>

⁴ www.arb.ca.gov/toxics/harp/harp.htm

⁵ https://www.aqmd.gov/docs/default-source/permitting/hra-procedures/hraprocedures9-0_103124.pdf

⁶ Meteorological station information is available here:
www.aqmd.gov/home/air-quality/air-quality-data-studies/meteorological-data/data-for-aermod

Worker Adjustment Factor:

The modeled annual average air concentration should be adjusted to the air concentration that the worker is actually exposed to if the source does not operate continuously. The Worker Adjustment Factor (WAF) is calculated with the following equation:

$$WAF = \frac{H_r}{H_{source}} \times \frac{D_r}{D_{source}} \times DF$$

Where:

H_r	=	Number of hours per day the annual average residential air concentration is based on (always 24 hours)
H_{source}	=	Number of hours the source operates per day
D_r	=	Number of days per week the annual average residential air concentration is based on (always 7 days)
D_{source}	=	Number of days the source operates per week
DF	=	Discount factor for when the offsite worker's schedule partially overlaps the source's emission schedule.

Although the 2015 OEHHA Guidelines allow the use of a discount factor (DF) when assessing inhalation cancer health impacts, if the off-site worker's schedule partially overlaps with the source's emission schedule, the DF should only be used when there are limits on the hours of operation specified in the facility's operating permits. Since South Coast AQMD permits do not typically include limits on hours of operations, it is assumed that the offsite worker's schedule fully overlaps with the emission source's schedule, and therefore DF is assumed to be equal to 1. Further, for facilities that operate less than 8 hours per day and 5 days per week, WAF is calculated based on an operating schedule of 8 hours per day and 5 days per week.

Combined Exposure Factor:

The Combined Exposure Factor (CEF) for each exposure type (residential or worker) combines default exposure parameters into a single value. The CEFs are calculated using the following equations:

$$CEF_R = \sum (DBR_{AgeBin} \times ED_{AgeBin} \times ASF_{AgeBin} \times FAH_{AgeBin}) \times EF_R / AT$$

Where:

DBR_{AgeBin}	=	Age specific daily breathing rate
ED_{AgeBin}	=	Age specific exposure duration
ASF_{AgeBin}	=	Age specific factor
FAH_{AgeBin}	=	Age specific fraction of time spent at home
EF_R	=	Residential exposure frequency
AT	=	Averaging time

$$CEF_W = DBR_W \times ED_W \times EF_W / AT$$

Where:

DBR_W	=	Age specific daily breathing rate
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ED_w = Worker exposure duration
 EF_w = Worker exposure frequency
 AT = Averaging time

The parameters used to develop the residential and worker CEFs used in this document are summarized in Tables 2 and 3 below.

Table 2: Residential CEF Parameters

Age	Daily Breathing Rate (L/kg-day)	Age Specific Factor	Exposure Duration (years)	Fraction of Time at Home	Exposure Frequency	Averaging Time (years)
-0.25 to 0	361	10	0.25	1	0.96	70
0 to 2	1,090	10	2	1		
2 to 16	572	3	14	1		
16 to 30	261	1	14	0.73		

Table 3: Worker CEF Parameters

Age	Daily Breathing Rate (L/kg-day)	Age Specific Factor	Exposure Duration (years)	Exposure Frequency	Averaging Time (years)
16 to 41	230	1	25	0.68	70

B. Calculation of Non-Cancer Score

For a toxic substance, non-cancer health effects can occur via acute, non-cancer 8-hour exposure, and/or annual chronic exposure. All of these non-cancer effects are used in the calculation of a facility's priority score. For each substance associated with acute, non-cancer 8-hour and chronic toxicity, South Coast AQMD staff calculates separate scores using the formulas shown below.

Non-Cancer Chronic Score:

For a facility which emits pollutants with known non-cancer chronic health effects, the scores for non-cancer chronic effects for residential receptor and worker receptor are calculated as follows:

$$S_{r,chronic} = \sum \left(\frac{E_t}{REL_{t,chronic}} \right) \times MP_{t,r} \times RP_r$$

$$S_{w,chronic} = \sum \left(\frac{E_t}{REL_{t,chronic}} \right) \times MP_{t,w} \times RP_w$$

Where:

$S_{r, \text{chronic}}$	=	Total chronic score (summed for all substances with non-cancer chronic effects separately, by the residential receptor and worker receptor)
$S_{w, \text{chronic}}$	=	
t	=	Toxic substance
r	=	Residential Receptor
w	=	Worker Receptor
E_t	=	Annual emissions of substance, t (ton/year)
$REL_{t, \text{chronic}}$	=	Chronic reference exposure level of toxic substance, t ($\mu\text{g}/\text{m}^3$)
$MP_{t,r}$	=	Multipathway adjustment factor of carcinogen, c ; there are separate
$MP_{t,w}$	=	multipathway factors for residential receptor and worker receptors for the applicable exposure duration (see Appendix I for calculation methodology)
RP_r	=	Receptor proximity adjustment factor for residential receptor and for worker
RP_w	=	receptor, $\chi/Q \left(\frac{\mu\text{g}}{\text{m}^3} / \frac{\text{ton}}{\text{year}} \right)$

Non-Cancer 8-Hour Score:

For a facility which emits pollutants with known non-cancer 8-hour health effects, the scores for non-cancer 8-hour effects for residential receptor and worker receptor are calculated as follows:

$$S_{r,8\text{-hr}} = \sum \left(\frac{E_t}{REL_t} \right) \times (WAF) \times RP_r$$

$$S_{w,8\text{-hr}} = \sum \left(\frac{E_t}{REL_t} \right) \times (WAF) \times RP_w$$

Where:

$S_{w, 8\text{-hr}}$	=	Total 8-hour score (summed for all substances with non-cancer 8-hour effects separately, by the residential receptor and worker receptor)
$S_{r, 8\text{-hr}}$	=	
t	=	Toxic substance
r	=	Residential Receptor
w	=	Worker Receptor
E_t	=	Annual emissions of substance, t (ton/year)
$REL_{t, 8\text{-hr}}$	=	8-hour reference exposure level of toxic substance, t ($\mu\text{g}/\text{m}^3$)
RP_r	=	Receptor proximity adjustment factor for residential receptor and worker
RP_w	=	receptor, $\chi/Q \left(\frac{\mu\text{g}}{\text{m}^3} / \frac{\text{ton}}{\text{year}} \right)$
WAF	=	Worker Adjustment Factor (dimensionless)

Non-Cancer Acute Score:

For a facility which emits pollutants with known non-cancer acute health effects, the score for non-cancer acute effects is calculated as follows:

$$S_{acute} = \sum \left(\frac{E_t}{REL_t} \right) \times RP$$

Where:

S_{acute}	=	Total acute score (summed for all substances with non-cancer acute effects separately, by the residential receptor and worker receptor)
t	=	Toxic substance
E_t	=	Maximum hourly emissions of substance, t (lb/hour)
REL_t	=	Acute reference exposure level of toxic substance, t ($\mu\text{g}/\text{m}^3$)
RP	=	Receptor proximity adjustment factor for hourly concentration, $\chi/Q \left(\frac{\mu\text{g}}{\text{m}^3} / \frac{\text{lb}}{\text{hr}} \right)$

Annual and Maximum Hourly Emissions:

Two different emissions rates are required for calculating the score for non-cancer health effects. The methodology for calculating the non-cancer score for chronic exposure requires annual emissions (tons/year) for each emitted pollutant whereas calculation of the non-cancer score for acute exposure requires maximum hourly emissions (lbs/hr) for each emitted pollutant. Maximum hourly emissions are obtained by dividing the annual emissions (lbs/yr) of the pollutant by the facility's actual operating hours and then multiplied by a maximum hourly emission adjustment factor of 1.25. Annual emissions are taken from the Toxic Air Contaminants (TAC)/Ozone Depleting Compounds (ODC) Emissions and Fees Summary of the AER Program. As specified previously, emissions of specified substances which are below one-half of their corresponding degree of accuracy levels are neglected in the computation.

Reference Exposure Levels:

The Reference Exposure Level (REL) is used as an indicator of all potential adverse non-cancer health effects and refers to a concentration level ($\mu\text{g}/\text{m}^3$) or dose (mg/kg-day) below which no adverse health effects are anticipated. The RELs used in this Procedure are published by OEHHA and CARB.⁷

Multipathway Adjustment Factor:

The MultiPathway (MP_t) adjustment factor is used for substances that may contribute to non-cancer chronic risks from exposure pathways other than inhalation. The methodology used to calculate MP_t adjustment factors to evaluate the non-cancer chronic health endpoint for selected toxic pollutants can be found in Appendix I. There are separate MP factors for workers and residents. For non-cancer chronic health effects, substances that only affect the inhalation pathway, the MP_t adjustment factor is set to one (1.0). Note that for calculation of non-cancer scores, the MP_t is relevant for the chronic risk endpoint.

⁷ www.arb.ca.gov/toxics/healthval/healthval.htm

Receptor Proximity Adjustment Factor:

The Receptor Proximity (RP) adjustment factor is the same adjustment factor used in the calculation of the facility cancer score discussed previously. The RP adjustment factor for non-cancer acute score is based on a single distance from the facility to the nearest receptor regardless of wind direction. This receptor can be at the facility fenceline to account for the short one-hour exposure duration. To simplify calculation of the non-cancer acute score, the worst-case wind direction is used for the single receptor distance.

Worker Adjustment Factor:

The modeled annual average air concentration should be adjusted to the air concentration that the worker is actually exposed to if the source does not operate continuously. This is the same adjustment factor used in the calculation of the facility cancer score discussed previously.

C. Facility Ranking

From the computed scores for cancer and all non-cancer effects, the priority score is the higher of the 13 scores and serves as the basis for ranking a facility as described in Table 1.

Table 4: Annual Receptor Proximity Adjustment Factors $\left(\frac{\mu\text{g}}{\text{m}^3}\right)$
 $\left(\frac{\text{ton}}{\text{yr}}\right)$

Met Station	Angle	50 M	75 M	100 M	200 M	300 M	500 M	1,000 M
Anaheim	10	7.884	3.894	2.330	0.670	0.325	0.132	0.040
Anaheim	20	8.320	4.142	2.489	0.718	0.347	0.140	0.042
Anaheim	30	8.675	4.356	2.634	0.769	0.373	0.151	0.045
Anaheim	40	8.871	4.481	2.724	0.806	0.394	0.160	0.048
Anaheim	50	8.870	4.487	2.731	0.811	0.397	0.162	0.049
Anaheim	60	8.675	4.373	2.654	0.782	0.381	0.154	0.046
Anaheim	70	8.325	4.168	2.516	0.732	0.354	0.142	0.042
Anaheim	80	7.894	3.920	2.355	0.679	0.328	0.132	0.040
Anaheim	90	7.476	3.690	2.211	0.638	0.310	0.126	0.038
Anaheim	100	7.156	3.520	2.110	0.614	0.300	0.124	0.038
Anaheim	110	6.969	3.423	2.053	0.601	0.295	0.122	0.038
Anaheim	120	6.884	3.376	2.026	0.594	0.293	0.121	0.037
Anaheim	130	6.845	3.353	2.011	0.590	0.290	0.120	0.037
Anaheim	140	6.824	3.340	2.002	0.587	0.289	0.120	0.037
Anaheim	150	6.811	3.331	1.996	0.585	0.288	0.119	0.037
Anaheim	160	6.802	3.325	1.991	0.584	0.288	0.119	0.037
Anaheim	170	6.799	3.322	1.990	0.583	0.287	0.119	0.037
Anaheim	180	6.803	3.324	1.991	0.583	0.287	0.119	0.037
Anaheim	190	6.814	3.329	1.994	0.584	0.288	0.119	0.037
Anaheim	200	6.832	3.339	2.000	0.586	0.289	0.120	0.037
Anaheim	210	6.857	3.353	2.009	0.589	0.290	0.120	0.037
Anaheim	220	6.885	3.369	2.020	0.593	0.292	0.121	0.037
Anaheim	230	6.914	3.386	2.031	0.597	0.294	0.122	0.038
Anaheim	240	6.936	3.401	2.041	0.601	0.296	0.123	0.038
Anaheim	250	6.949	3.409	2.047	0.603	0.298	0.123	0.038
Anaheim	260	6.950	3.410	2.048	0.604	0.298	0.124	0.038
Anaheim	270	6.939	3.402	2.042	0.601	0.296	0.123	0.038
Anaheim	280	6.918	3.389	2.033	0.597	0.294	0.122	0.038
Anaheim	290	6.895	3.374	2.022	0.592	0.291	0.121	0.037
Anaheim	300	6.877	3.363	2.014	0.590	0.290	0.120	0.037
Anaheim	310	6.872	3.361	2.013	0.589	0.290	0.120	0.037
Anaheim	320	6.890	3.371	2.019	0.591	0.291	0.120	0.037
Anaheim	330	6.938	3.396	2.034	0.595	0.293	0.121	0.037
Anaheim	340	7.026	3.442	2.061	0.602	0.296	0.122	0.038
Anaheim	350	7.188	3.527	2.111	0.614	0.301	0.124	0.038
Anaheim	360	7.476	3.675	2.198	0.635	0.310	0.127	0.039
Azusa	10	6.883	3.376	2.020	0.591	0.290	0.120	0.037
Azusa	20	7.044	3.460	2.068	0.600	0.294	0.121	0.037
Azusa	30	7.361	3.628	2.166	0.622	0.302	0.123	0.037
Azusa	40	7.799	3.870	2.315	0.663	0.319	0.128	0.038
Azusa	50	8.256	4.135	2.488	0.718	0.346	0.139	0.041
Azusa	60	8.616	4.352	2.634	0.771	0.375	0.151	0.045
Azusa	70	8.788	4.456	2.706	0.799	0.390	0.159	0.047
Azusa	80	8.728	4.416	2.676	0.786	0.383	0.155	0.046

Table 4: Annual Receptor Proximity Adjustment Factors $\left(\frac{\mu g}{m^3} \frac{ton}{yr}\right)$ cont'd

Met Station	Angle	50 M	75 M	100 M	200 M	300 M	500 M	1,000 M
Azusa	90	8.448	4.243	2.556	0.739	0.357	0.143	0.042
Azusa	100	8.022	3.990	2.389	0.683	0.329	0.132	0.039
Azusa	110	7.558	3.731	2.225	0.636	0.308	0.125	0.038
Azusa	120	7.177	3.528	2.105	0.607	0.296	0.121	0.037
Azusa	130	6.951	3.409	2.036	0.592	0.290	0.119	0.037
Azusa	140	6.856	3.357	2.007	0.586	0.287	0.119	0.037
Azusa	150	6.847	3.350	2.002	0.584	0.287	0.118	0.037
Azusa	160	6.909	3.382	2.021	0.589	0.289	0.119	0.037
Azusa	170	7.019	3.441	2.059	0.600	0.294	0.121	0.037
Azusa	180	7.135	3.507	2.101	0.615	0.302	0.124	0.038
Azusa	190	7.227	3.560	2.137	0.630	0.310	0.129	0.040
Azusa	200	7.278	3.590	2.158	0.639	0.316	0.132	0.041
Azusa	210	7.283	3.593	2.160	0.639	0.316	0.132	0.041
Azusa	220	7.242	3.568	2.143	0.632	0.312	0.129	0.040
Azusa	230	7.158	3.520	2.110	0.619	0.304	0.125	0.038
Azusa	240	7.046	3.457	2.069	0.604	0.296	0.122	0.037
Azusa	250	6.934	3.396	2.031	0.593	0.291	0.120	0.037
Azusa	260	6.854	3.355	2.007	0.587	0.289	0.119	0.037
Azusa	270	6.816	3.336	1.996	0.585	0.288	0.119	0.037
Azusa	280	6.802	3.329	1.993	0.585	0.288	0.119	0.037
Azusa	290	6.798	3.328	1.992	0.585	0.288	0.119	0.037
Azusa	300	6.796	3.326	1.992	0.585	0.288	0.119	0.037
Azusa	310	6.794	3.325	1.991	0.585	0.288	0.119	0.037
Azusa	320	6.792	3.325	1.991	0.584	0.288	0.119	0.037
Azusa	330	6.792	3.325	1.991	0.584	0.288	0.119	0.037
Azusa	340	6.795	3.327	1.992	0.584	0.288	0.119	0.037
Azusa	350	6.803	3.331	1.995	0.585	0.288	0.119	0.037
Azusa	360	6.825	3.344	2.002	0.587	0.289	0.119	0.037
Banning	10	1.673	0.918	0.570	0.170	0.083	0.034	0.010
Banning	20	1.949	1.073	0.660	0.191	0.091	0.037	0.011
Banning	30	2.716	1.514	0.927	0.257	0.119	0.045	0.013
Banning	40	4.316	2.459	1.517	0.420	0.192	0.072	0.019
Banning	50	6.838	3.986	2.498	0.719	0.336	0.128	0.035
Banning	60	9.862	5.857	3.731	1.125	0.542	0.215	0.062
Banning	70	12.427	7.474	4.822	1.513	0.750	0.309	0.093
Banning	80	13.430	8.115	5.267	1.689	0.852	0.359	0.112
Banning	90	12.343	7.426	4.807	1.531	0.769	0.322	0.100
Banning	100	9.668	5.740	3.675	1.132	0.555	0.225	0.067
Banning	110	6.590	3.837	2.419	0.713	0.340	0.133	0.038
Banning	120	4.138	2.357	1.466	0.418	0.196	0.075	0.021
Banning	130	2.665	1.490	0.921	0.264	0.125	0.049	0.014
Banning	140	1.980	1.095	0.679	0.200	0.097	0.039	0.012
Banning	150	1.732	0.953	0.593	0.178	0.087	0.036	0.011
Banning	160	1.673	0.918	0.572	0.173	0.085	0.035	0.011

Table 4: Annual Receptor Proximity Adjustment Factors $\left(\frac{\mu g}{m^3} \frac{ton}{yr}\right)$ cont'd

Met Station	Angle	50 M	75 M	100 M	200 M	300 M	500 M	1,000 M
Banning	170	1.713	0.942	0.587	0.177	0.087	0.036	0.011
Banning	180	1.836	1.019	0.639	0.194	0.095	0.039	0.012
Banning	190	2.015	1.135	0.718	0.223	0.111	0.046	0.014
Banning	200	2.195	1.251	0.799	0.255	0.129	0.055	0.017
Banning	210	2.329	1.333	0.853	0.273	0.138	0.059	0.019
Banning	220	2.418	1.379	0.878	0.277	0.139	0.058	0.018
Banning	230	2.512	1.426	0.903	0.280	0.139	0.058	0.018
Banning	240	2.693	1.524	0.961	0.294	0.145	0.060	0.018
Banning	250	3.019	1.712	1.076	0.324	0.158	0.064	0.019
Banning	260	3.457	1.974	1.242	0.372	0.181	0.073	0.021
Banning	270	3.823	2.201	1.389	0.419	0.203	0.082	0.024
Banning	280	3.832	2.213	1.398	0.422	0.205	0.082	0.024
Banning	290	3.361	1.925	1.209	0.359	0.173	0.069	0.020
Banning	300	2.641	1.485	0.922	0.267	0.127	0.050	0.014
Banning	310	2.041	1.127	0.695	0.201	0.096	0.038	0.011
Banning	320	1.720	0.944	0.584	0.173	0.084	0.034	0.010
Banning	330	1.606	0.881	0.549	0.166	0.082	0.034	0.010
Banning	340	1.579	0.867	0.541	0.164	0.081	0.034	0.010
Banning	350	1.577	0.866	0.540	0.164	0.081	0.034	0.010
Banning	360	1.595	0.876	0.546	0.165	0.082	0.034	0.010
Burbank Arpt.	10	5.684	2.918	1.771	0.514	0.247	0.098	0.028
Burbank Arpt.	20	5.188	2.638	1.590	0.453	0.216	0.085	0.025
Burbank Arpt.	30	4.703	2.374	1.424	0.403	0.193	0.077	0.023
Burbank Arpt.	40	4.340	2.190	1.315	0.376	0.182	0.073	0.022
Burbank Arpt.	50	4.169	2.114	1.276	0.371	0.181	0.074	0.022
Burbank Arpt.	60	4.147	2.116	1.284	0.378	0.186	0.076	0.023
Burbank Arpt.	70	4.173	2.138	1.302	0.388	0.191	0.079	0.024
Burbank Arpt.	80	4.174	2.140	1.304	0.389	0.192	0.080	0.025
Burbank Arpt.	90	4.133	2.111	1.283	0.380	0.187	0.077	0.024
Burbank Arpt.	100	4.069	2.068	1.253	0.368	0.180	0.074	0.022
Burbank Arpt.	110	4.024	2.036	1.230	0.359	0.176	0.072	0.022
Burbank Arpt.	120	4.040	2.043	1.233	0.359	0.175	0.072	0.022
Burbank Arpt.	130	4.143	2.105	1.273	0.372	0.181	0.074	0.022
Burbank Arpt.	140	4.319	2.214	1.347	0.398	0.195	0.080	0.024
Burbank Arpt.	150	4.504	2.333	1.428	0.429	0.212	0.088	0.027
Burbank Arpt.	160	4.620	2.408	1.480	0.449	0.224	0.094	0.029
Burbank Arpt.	170	4.619	2.408	1.480	0.448	0.223	0.093	0.029
Burbank Arpt.	180	4.513	2.342	1.434	0.429	0.212	0.088	0.027
Burbank Arpt.	190	4.356	2.244	1.368	0.406	0.200	0.082	0.025
Burbank Arpt.	200	4.197	2.147	1.304	0.385	0.189	0.078	0.024
Burbank Arpt.	210	4.064	2.066	1.252	0.368	0.181	0.074	0.023
Burbank Arpt.	220	3.966	2.007	1.213	0.356	0.174	0.072	0.022
Burbank Arpt.	230	3.921	1.979	1.194	0.349	0.171	0.070	0.021
Burbank Arpt.	240	3.963	2.000	1.205	0.350	0.171	0.070	0.021

Table 4: Annual Receptor Proximity Adjustment Factors $\left(\frac{\mu g}{m^3} \frac{ton}{yr}\right)$ cont'd

Met Station	Angle	50 M	75 M	100 M	200 M	300 M	500 M	1,000 M
Burbank Arpt.	250	4.136	2.100	1.266	0.366	0.178	0.072	0.022
Burbank Arpt.	260	4.494	2.312	1.402	0.407	0.197	0.080	0.024
Burbank Arpt.	270	5.099	2.675	1.636	0.482	0.235	0.096	0.029
Burbank Arpt.	280	5.955	3.190	1.970	0.589	0.290	0.119	0.036
Burbank Arpt.	290	6.924	3.771	2.348	0.713	0.352	0.146	0.045
Burbank Arpt.	300	7.734	4.246	2.656	0.812	0.403	0.167	0.051
Burbank Arpt.	310	8.145	4.461	2.784	0.847	0.419	0.174	0.053
Burbank Arpt.	320	8.086	4.378	2.711	0.808	0.395	0.161	0.048
Burbank Arpt.	330	7.675	4.090	2.510	0.730	0.350	0.138	0.040
Burbank Arpt.	340	7.128	3.746	2.286	0.659	0.314	0.122	0.034
Burbank Arpt.	350	6.608	3.441	2.098	0.611	0.294	0.117	0.034
Burbank Arpt.	360	6.144	3.179	1.938	0.568	0.275	0.111	0.032
Catalina Arpt.	10	3.500	1.833	1.114	0.321	0.155	0.062	0.018
Catalina Arpt.	20	3.731	1.959	1.189	0.341	0.163	0.065	0.019
Catalina Arpt.	30	4.240	2.244	1.364	0.389	0.186	0.074	0.022
Catalina Arpt.	40	5.092	2.728	1.664	0.475	0.226	0.089	0.026
Catalina Arpt.	50	6.209	3.373	2.074	0.599	0.287	0.114	0.033
Catalina Arpt.	60	7.287	4.006	2.479	0.728	0.351	0.140	0.041
Catalina Arpt.	70	7.910	4.367	2.710	0.799	0.386	0.155	0.045
Catalina Arpt.	80	7.822	4.302	2.660	0.776	0.372	0.147	0.042
Catalina Arpt.	90	7.146	3.890	2.387	0.683	0.323	0.126	0.036
Catalina Arpt.	100	6.285	3.384	2.064	0.584	0.276	0.108	0.031
Catalina Arpt.	110	5.597	2.992	1.825	0.521	0.249	0.099	0.029
Catalina Arpt.	120	5.154	2.749	1.681	0.488	0.236	0.095	0.029
Catalina Arpt.	130	4.832	2.574	1.577	0.462	0.224	0.091	0.027
Catalina Arpt.	140	4.524	2.404	1.472	0.430	0.208	0.084	0.025
Catalina Arpt.	150	4.211	2.228	1.361	0.395	0.191	0.077	0.023
Catalina Arpt.	160	3.926	2.068	1.260	0.364	0.176	0.070	0.021
Catalina Arpt.	170	3.707	1.946	1.184	0.343	0.165	0.067	0.020
Catalina Arpt.	180	3.568	1.870	1.138	0.330	0.160	0.065	0.019
Catalina Arpt.	190	3.498	1.832	1.116	0.325	0.157	0.064	0.019
Catalina Arpt.	200	3.473	1.820	1.109	0.323	0.157	0.063	0.019
Catalina Arpt.	210	3.482	1.826	1.113	0.324	0.157	0.064	0.019
Catalina Arpt.	220	3.521	1.849	1.128	0.329	0.160	0.065	0.020
Catalina Arpt.	230	3.586	1.888	1.153	0.337	0.164	0.067	0.020
Catalina Arpt.	240	3.664	1.934	1.183	0.347	0.169	0.069	0.021
Catalina Arpt.	250	3.725	1.968	1.205	0.354	0.173	0.070	0.021
Catalina Arpt.	260	3.742	1.976	1.208	0.355	0.173	0.070	0.021
Catalina Arpt.	270	3.720	1.958	1.196	0.349	0.170	0.069	0.021
Catalina Arpt.	280	3.687	1.937	1.181	0.344	0.167	0.067	0.020
Catalina Arpt.	290	3.672	1.928	1.176	0.343	0.166	0.067	0.020
Catalina Arpt.	300	3.677	1.935	1.183	0.347	0.169	0.069	0.021
Catalina Arpt.	310	3.687	1.945	1.191	0.351	0.172	0.070	0.021
Catalina Arpt.	320	3.680	1.945	1.193	0.353	0.172	0.071	0.021

Table 4: Annual Receptor Proximity Adjustment Factors $\left(\frac{\mu g}{m^3} \frac{ton}{yr}\right)$ cont'd

Met Station	Angle	50 M	75 M	100 M	200 M	300 M	500 M	1,000 M
Catalina Arpt.	330	3.647	1.930	1.184	0.350	0.171	0.070	0.021
Catalina Arpt.	340	3.584	1.895	1.161	0.343	0.168	0.069	0.021
Catalina Arpt.	350	3.504	1.847	1.130	0.332	0.162	0.066	0.020
Catalina Arpt.	360	3.452	1.812	1.104	0.321	0.156	0.063	0.019
Central L.A.	10	6.547	3.144	1.865	0.535	0.260	0.106	0.032
Central L.A.	20	6.649	3.205	1.903	0.545	0.264	0.107	0.032
Central L.A.	30	6.762	3.275	1.950	0.558	0.270	0.109	0.032
Central L.A.	40	6.864	3.342	1.997	0.574	0.277	0.111	0.033
Central L.A.	50	6.934	3.391	2.033	0.589	0.285	0.115	0.034
Central L.A.	60	6.967	3.414	2.050	0.598	0.290	0.117	0.035
Central L.A.	70	6.960	3.407	2.045	0.596	0.290	0.117	0.035
Central L.A.	80	6.917	3.372	2.016	0.583	0.283	0.114	0.034
Central L.A.	90	6.841	3.314	1.971	0.563	0.271	0.109	0.032
Central L.A.	100	6.743	3.242	1.918	0.541	0.260	0.105	0.031
Central L.A.	110	6.635	3.170	1.867	0.525	0.252	0.102	0.031
Central L.A.	120	6.538	3.110	1.829	0.514	0.248	0.101	0.031
Central L.A.	130	6.467	3.071	1.805	0.510	0.247	0.101	0.031
Central L.A.	140	6.429	3.051	1.795	0.508	0.247	0.101	0.031
Central L.A.	150	6.412	3.043	1.791	0.508	0.246	0.101	0.031
Central L.A.	160	6.401	3.037	1.788	0.507	0.246	0.100	0.031
Central L.A.	170	6.388	3.032	1.785	0.507	0.246	0.100	0.031
Central L.A.	180	6.377	3.027	1.783	0.507	0.246	0.101	0.031
Central L.A.	190	6.370	3.024	1.782	0.508	0.247	0.101	0.031
Central L.A.	200	6.369	3.025	1.783	0.509	0.247	0.101	0.031
Central L.A.	210	6.374	3.028	1.785	0.509	0.248	0.101	0.031
Central L.A.	220	6.386	3.035	1.790	0.511	0.248	0.102	0.031
Central L.A.	230	6.404	3.046	1.798	0.513	0.249	0.102	0.031
Central L.A.	240	6.425	3.060	1.807	0.516	0.251	0.103	0.031
Central L.A.	250	6.441	3.071	1.815	0.519	0.253	0.104	0.032
Central L.A.	260	6.445	3.074	1.816	0.520	0.253	0.104	0.032
Central L.A.	270	6.433	3.064	1.809	0.516	0.251	0.103	0.031
Central L.A.	280	6.409	3.047	1.796	0.511	0.248	0.101	0.031
Central L.A.	290	6.383	3.031	1.785	0.506	0.246	0.100	0.031
Central L.A.	300	6.364	3.019	1.777	0.504	0.244	0.100	0.030
Central L.A.	310	6.355	3.014	1.774	0.503	0.244	0.100	0.030
Central L.A.	320	6.356	3.017	1.776	0.504	0.244	0.100	0.030
Central L.A.	330	6.370	3.028	1.785	0.507	0.246	0.100	0.031
Central L.A.	340	6.393	3.045	1.798	0.513	0.249	0.101	0.031
Central L.A.	350	6.425	3.068	1.815	0.519	0.252	0.103	0.031
Central L.A.	360	6.473	3.099	1.836	0.526	0.256	0.105	0.032
Chino Arpt.	10	4.237	2.253	1.391	0.421	0.208	0.086	0.027
Chino Arpt.	20	4.526	2.427	1.500	0.451	0.222	0.091	0.028
Chino Arpt.	30	5.073	2.769	1.719	0.516	0.253	0.103	0.031
Chino Arpt.	40	6.061	3.400	2.128	0.639	0.311	0.126	0.038

Table 4: Annual Receptor Proximity Adjustment Factors $\left(\frac{\mu g}{m^3} \frac{ton}{yr}\right)$ cont'd

Met Station	Angle	50 M	75 M	100 M	200 M	300 M	500 M	1,000 M
Chino Arpt.	50	7.598	4.396	2.779	0.839	0.408	0.164	0.049
Chino Arpt.	60	9.373	5.557	3.547	1.083	0.529	0.214	0.063
Chino Arpt.	70	10.700	6.428	4.129	1.274	0.624	0.253	0.075
Chino Arpt.	80	11.145	6.724	4.338	1.356	0.670	0.274	0.082
Chino Arpt.	90	10.708	6.444	4.169	1.322	0.660	0.275	0.085
Chino Arpt.	100	9.553	5.684	3.671	1.168	0.586	0.245	0.076
Chino Arpt.	110	7.986	4.644	2.970	0.931	0.464	0.193	0.059
Chino Arpt.	120	6.444	3.623	2.278	0.692	0.339	0.138	0.041
Chino Arpt.	130	5.287	2.872	1.778	0.526	0.254	0.102	0.030
Chino Arpt.	140	4.620	2.460	1.514	0.449	0.219	0.090	0.027
Chino Arpt.	150	4.323	2.291	1.414	0.427	0.211	0.087	0.027
Chino Arpt.	160	4.209	2.233	1.382	0.422	0.210	0.087	0.027
Chino Arpt.	170	4.158	2.204	1.365	0.418	0.208	0.087	0.027
Chino Arpt.	180	4.154	2.198	1.359	0.414	0.206	0.086	0.027
Chino Arpt.	190	4.236	2.244	1.385	0.418	0.207	0.085	0.026
Chino Arpt.	200	4.432	2.369	1.469	0.446	0.220	0.090	0.027
Chino Arpt.	210	4.716	2.560	1.602	0.497	0.248	0.104	0.032
Chino Arpt.	220	4.987	2.743	1.730	0.545	0.275	0.117	0.037
Chino Arpt.	230	5.144	2.844	1.796	0.565	0.284	0.119	0.037
Chino Arpt.	240	5.171	2.855	1.799	0.561	0.280	0.117	0.036
Chino Arpt.	250	5.113	2.815	1.769	0.549	0.274	0.114	0.035
Chino Arpt.	260	5.015	2.754	1.729	0.536	0.267	0.111	0.034
Chino Arpt.	270	4.892	2.678	1.679	0.519	0.259	0.108	0.033
Chino Arpt.	280	4.741	2.584	1.617	0.499	0.249	0.104	0.032
Chino Arpt.	290	4.572	2.477	1.547	0.476	0.237	0.099	0.031
Chino Arpt.	300	4.400	2.368	1.473	0.451	0.224	0.093	0.029
Chino Arpt.	310	4.245	2.270	1.408	0.429	0.213	0.088	0.027
Chino Arpt.	320	4.129	2.198	1.361	0.415	0.206	0.086	0.027
Chino Arpt.	330	4.056	2.154	1.333	0.407	0.202	0.084	0.026
Chino Arpt.	340	4.024	2.135	1.320	0.402	0.200	0.083	0.026
Chino Arpt.	350	4.032	2.138	1.322	0.402	0.199	0.083	0.026
Chino Arpt.	360	4.092	2.170	1.341	0.407	0.202	0.084	0.026
Desert Hot Springs Arpt.	10	3.676	1.862	1.114	0.315	0.152	0.061	0.018
Desert Hot Springs Arpt.	20	3.497	1.768	1.060	0.303	0.146	0.059	0.018
Desert Hot Springs Arpt.	30	3.404	1.719	1.031	0.295	0.143	0.058	0.018
Desert Hot Springs Arpt.	40	3.367	1.699	1.019	0.292	0.142	0.058	0.017
Desert Hot Springs Arpt.	50	3.374	1.702	1.021	0.293	0.142	0.058	0.017
Desert Hot Springs Arpt.	60	3.433	1.734	1.039	0.297	0.144	0.058	0.018
Desert Hot Springs Arpt.	70	3.564	1.805	1.082	0.309	0.149	0.060	0.018
Desert Hot Springs Arpt.	80	3.801	1.937	1.163	0.331	0.159	0.064	0.019
Desert Hot Springs Arpt.	90	4.193	2.156	1.299	0.370	0.177	0.071	0.021
Desert Hot Springs Arpt.	100	4.806	2.500	1.513	0.432	0.207	0.082	0.024
Desert Hot Springs Arpt.	110	5.701	3.003	1.827	0.525	0.251	0.100	0.029
Desert Hot Springs Arpt.	120	6.823	3.634	2.225	0.647	0.312	0.125	0.036

Table 4: Annual Receptor Proximity Adjustment Factors $\left(\frac{\mu g}{m^3} \cdot \frac{ton}{yr}\right)$ cont'd

Met Station	Angle	50 M	75 M	100 M	200 M	300 M	500 M	1,000 M
Desert Hot Springs Arpt.	130	7.892	4.232	2.606	0.771	0.376	0.153	0.046
Desert Hot Springs Arpt.	140	8.513	4.570	2.822	0.844	0.415	0.171	0.052
Desert Hot Springs Arpt.	150	8.447	4.514	2.782	0.830	0.407	0.167	0.051
Desert Hot Springs Arpt.	160	7.760	4.108	2.518	0.742	0.361	0.147	0.044
Desert Hot Springs Arpt.	170	6.744	3.530	2.150	0.625	0.302	0.122	0.036
Desert Hot Springs Arpt.	180	5.714	2.960	1.794	0.517	0.250	0.101	0.030
Desert Hot Springs Arpt.	190	4.859	2.495	1.506	0.432	0.208	0.083	0.025
Desert Hot Springs Arpt.	200	4.227	2.154	1.294	0.369	0.177	0.071	0.021
Desert Hot Springs Arpt.	210	3.799	1.923	1.152	0.328	0.157	0.063	0.019
Desert Hot Springs Arpt.	220	3.530	1.779	1.065	0.303	0.146	0.059	0.018
Desert Hot Springs Arpt.	230	3.378	1.700	1.018	0.291	0.140	0.057	0.017
Desert Hot Springs Arpt.	240	3.315	1.668	0.999	0.286	0.139	0.056	0.017
Desert Hot Springs Arpt.	250	3.322	1.673	1.003	0.287	0.139	0.057	0.017
Desert Hot Springs Arpt.	260	3.398	1.714	1.027	0.293	0.142	0.058	0.017
Desert Hot Springs Arpt.	270	3.570	1.805	1.079	0.306	0.147	0.059	0.018
Desert Hot Springs Arpt.	280	3.886	1.969	1.175	0.329	0.157	0.063	0.019
Desert Hot Springs Arpt.	290	4.334	2.208	1.320	0.368	0.174	0.069	0.020
Desert Hot Springs Arpt.	300	4.810	2.473	1.488	0.419	0.198	0.078	0.022
Desert Hot Springs Arpt.	310	5.169	2.681	1.623	0.464	0.222	0.088	0.025
Desert Hot Springs Arpt.	320	5.301	2.758	1.676	0.483	0.232	0.092	0.027
Desert Hot Springs Arpt.	330	5.172	2.683	1.626	0.465	0.222	0.088	0.025
Desert Hot Springs Arpt.	340	4.833	2.488	1.498	0.422	0.200	0.078	0.022
Desert Hot Springs Arpt.	350	4.395	2.243	1.343	0.374	0.177	0.070	0.020
Desert Hot Springs Arpt.	360	3.981	2.021	1.207	0.338	0.161	0.064	0.019
Fontana	10	6.374	3.225	1.955	0.577	0.283	0.117	0.036
Fontana	20	6.750	3.428	2.077	0.609	0.297	0.122	0.037
Fontana	30	7.350	3.754	2.275	0.663	0.322	0.131	0.040
Fontana	40	8.203	4.228	2.569	0.748	0.362	0.146	0.044
Fontana	50	9.198	4.797	2.934	0.864	0.420	0.169	0.050
Fontana	60	10.064	5.308	3.271	0.981	0.482	0.197	0.060
Fontana	70	10.493	5.566	3.445	1.046	0.518	0.215	0.066
Fontana	80	10.300	5.452	3.368	1.017	0.502	0.207	0.063
Fontana	90	9.534	4.996	3.063	0.906	0.442	0.180	0.054
Fontana	100	8.455	4.367	2.652	0.768	0.371	0.149	0.044
Fontana	110	7.415	3.780	2.282	0.657	0.318	0.128	0.039
Fontana	120	6.671	3.375	2.037	0.593	0.289	0.119	0.036
Fontana	130	6.269	3.162	1.913	0.564	0.278	0.115	0.036
Fontana	140	6.118	3.082	1.868	0.555	0.274	0.114	0.035
Fontana	150	6.113	3.080	1.867	0.555	0.274	0.114	0.035
Fontana	160	6.214	3.134	1.901	0.564	0.278	0.116	0.036
Fontana	170	6.413	3.246	1.971	0.585	0.289	0.119	0.037
Fontana	180	6.700	3.411	2.078	0.620	0.306	0.127	0.039
Fontana	190	7.032	3.604	2.203	0.662	0.329	0.137	0.042
Fontana	200	7.315	3.766	2.308	0.698	0.348	0.146	0.045

Table 4: Annual Receptor Proximity Adjustment Factors $\left(\frac{\mu g}{m^3} \frac{ton}{yr}\right)$ cont'd

Met Station	Angle	50 M	75 M	100 M	200 M	300 M	500 M	1,000 M
Fontana	210	7.432	3.832	2.349	0.711	0.354	0.148	0.046
Fontana	220	7.328	3.767	2.305	0.693	0.344	0.143	0.044
Fontana	230	7.043	3.601	2.196	0.656	0.324	0.134	0.041
Fontana	240	6.694	3.402	2.069	0.615	0.303	0.125	0.039
Fontana	250	6.394	3.235	1.965	0.584	0.288	0.119	0.037
Fontana	260	6.194	3.126	1.898	0.565	0.279	0.116	0.036
Fontana	270	6.078	3.063	1.860	0.554	0.274	0.114	0.035
Fontana	280	6.011	3.027	1.837	0.548	0.271	0.113	0.035
Fontana	290	5.971	3.005	1.824	0.544	0.270	0.112	0.035
Fontana	300	5.947	2.992	1.816	0.542	0.269	0.112	0.035
Fontana	310	5.937	2.987	1.813	0.541	0.268	0.112	0.035
Fontana	320	5.937	2.988	1.814	0.542	0.268	0.112	0.035
Fontana	330	5.950	2.995	1.818	0.543	0.269	0.112	0.035
Fontana	340	5.977	3.011	1.828	0.545	0.270	0.112	0.035
Fontana	350	6.034	3.042	1.847	0.550	0.272	0.113	0.035
Fontana	360	6.152	3.106	1.884	0.559	0.276	0.114	0.035
Fullerton Arpt.	10	7.647	3.897	2.369	0.697	0.339	0.137	0.041
Fullerton Arpt.	20	7.734	3.953	2.409	0.712	0.347	0.141	0.042
Fullerton Arpt.	30	7.630	3.894	2.370	0.698	0.339	0.137	0.040
Fullerton Arpt.	40	7.379	3.748	2.271	0.661	0.320	0.128	0.038
Fullerton Arpt.	50	7.066	3.567	2.152	0.621	0.299	0.120	0.035
Fullerton Arpt.	60	6.778	3.408	2.053	0.592	0.286	0.115	0.034
Fullerton Arpt.	70	6.565	3.299	1.989	0.578	0.281	0.114	0.034
Fullerton Arpt.	80	6.431	3.235	1.955	0.574	0.281	0.115	0.035
Fullerton Arpt.	90	6.346	3.194	1.934	0.572	0.281	0.116	0.035
Fullerton Arpt.	100	6.272	3.154	1.910	0.566	0.279	0.115	0.035
Fullerton Arpt.	110	6.182	3.101	1.876	0.554	0.273	0.112	0.034
Fullerton Arpt.	120	6.070	3.036	1.833	0.540	0.265	0.109	0.033
Fullerton Arpt.	130	5.949	2.968	1.789	0.526	0.258	0.106	0.033
Fullerton Arpt.	140	5.838	2.908	1.752	0.515	0.253	0.105	0.032
Fullerton Arpt.	150	5.758	2.866	1.727	0.509	0.251	0.104	0.032
Fullerton Arpt.	160	5.716	2.844	1.714	0.506	0.249	0.103	0.032
Fullerton Arpt.	170	5.700	2.835	1.709	0.504	0.249	0.103	0.032
Fullerton Arpt.	180	5.696	2.832	1.707	0.504	0.249	0.103	0.032
Fullerton Arpt.	190	5.700	2.833	1.707	0.504	0.249	0.103	0.032
Fullerton Arpt.	200	5.719	2.842	1.712	0.505	0.249	0.103	0.032
Fullerton Arpt.	210	5.793	2.878	1.731	0.508	0.250	0.103	0.032
Fullerton Arpt.	220	6.004	2.990	1.796	0.522	0.256	0.105	0.032
Fullerton Arpt.	230	6.440	3.239	1.951	0.566	0.275	0.112	0.034
Fullerton Arpt.	240	7.079	3.626	2.206	0.650	0.318	0.129	0.039
Fullerton Arpt.	250	7.735	4.038	2.489	0.757	0.377	0.157	0.048
Fullerton Arpt.	260	8.154	4.306	2.677	0.834	0.422	0.179	0.057
Fullerton Arpt.	270	8.181	4.319	2.685	0.836	0.423	0.180	0.057
Fullerton Arpt.	280	7.841	4.094	2.525	0.770	0.383	0.160	0.049

Table 4: Annual Receptor Proximity Adjustment Factors $\left(\frac{\mu g}{m^3} \frac{ton}{yr}\right)$ cont'd

Met Station	Angle	50 M	75 M	100 M	200 M	300 M	500 M	1,000 M
Fullerton Arpt.	290	7.299	3.748	2.285	0.677	0.332	0.136	0.041
Fullerton Arpt.	300	6.760	3.417	2.064	0.602	0.293	0.120	0.036
Fullerton Arpt.	310	6.383	3.195	1.922	0.558	0.272	0.111	0.034
Fullerton Arpt.	320	6.237	3.111	1.869	0.543	0.265	0.109	0.033
Fullerton Arpt.	330	6.320	3.153	1.895	0.551	0.269	0.110	0.034
Fullerton Arpt.	340	6.600	3.301	1.985	0.575	0.280	0.114	0.035
Fullerton Arpt.	350	6.994	3.517	2.119	0.614	0.298	0.121	0.036
Fullerton Arpt.	360	7.380	3.737	2.261	0.659	0.320	0.129	0.039
Hawthorne Arpt.	10	4.829	2.409	1.455	0.429	0.211	0.087	0.027
Hawthorne Arpt.	20	4.895	2.443	1.472	0.432	0.212	0.087	0.027
Hawthorne Arpt.	30	5.159	2.587	1.554	0.448	0.218	0.089	0.027
Hawthorne Arpt.	40	5.874	2.987	1.794	0.508	0.242	0.096	0.028
Hawthorne Arpt.	50	7.182	3.738	2.264	0.644	0.306	0.120	0.034
Hawthorne Arpt.	60	8.780	4.679	2.876	0.845	0.409	0.164	0.048
Hawthorne Arpt.	70	9.936	5.371	3.334	1.005	0.495	0.203	0.061
Hawthorne Arpt.	80	10.018	5.409	3.355	1.008	0.494	0.201	0.060
Hawthorne Arpt.	90	9.021	4.792	2.940	0.859	0.413	0.164	0.047
Hawthorne Arpt.	100	7.558	3.916	2.369	0.673	0.320	0.126	0.036
Hawthorne Arpt.	110	6.326	3.205	1.923	0.544	0.260	0.103	0.030
Hawthorne Arpt.	120	5.597	2.799	1.677	0.480	0.232	0.094	0.028
Hawthorne Arpt.	130	5.234	2.604	1.562	0.452	0.220	0.090	0.027
Hawthorne Arpt.	140	5.037	2.504	1.505	0.439	0.215	0.088	0.027
Hawthorne Arpt.	150	4.923	2.449	1.474	0.432	0.212	0.088	0.027
Hawthorne Arpt.	160	4.868	2.423	1.460	0.429	0.211	0.087	0.027
Hawthorne Arpt.	170	4.846	2.412	1.454	0.428	0.210	0.087	0.027
Hawthorne Arpt.	180	4.832	2.405	1.449	0.426	0.210	0.087	0.027
Hawthorne Arpt.	190	4.820	2.399	1.446	0.425	0.209	0.087	0.027
Hawthorne Arpt.	200	4.812	2.395	1.444	0.425	0.209	0.087	0.027
Hawthorne Arpt.	210	4.811	2.395	1.444	0.425	0.209	0.087	0.027
Hawthorne Arpt.	220	4.819	2.399	1.447	0.426	0.210	0.087	0.027
Hawthorne Arpt.	230	4.849	2.415	1.455	0.428	0.210	0.087	0.027
Hawthorne Arpt.	240	4.931	2.458	1.480	0.433	0.212	0.087	0.027
Hawthorne Arpt.	250	5.086	2.547	1.535	0.448	0.219	0.089	0.027
Hawthorne Arpt.	260	5.290	2.670	1.617	0.476	0.233	0.095	0.029
Hawthorne Arpt.	270	5.481	2.791	1.700	0.508	0.251	0.104	0.032
Hawthorne Arpt.	280	5.585	2.858	1.748	0.528	0.263	0.110	0.034
Hawthorne Arpt.	290	5.559	2.842	1.737	0.523	0.260	0.108	0.034
Hawthorne Arpt.	300	5.414	2.750	1.672	0.497	0.245	0.101	0.031
Hawthorne Arpt.	310	5.207	2.623	1.587	0.467	0.229	0.094	0.028
Hawthorne Arpt.	320	5.015	2.511	1.516	0.446	0.219	0.090	0.027
Hawthorne Arpt.	330	4.890	2.442	1.474	0.435	0.215	0.089	0.027
Hawthorne Arpt.	340	4.832	2.412	1.457	0.432	0.213	0.088	0.027
Hawthorne Arpt.	350	4.817	2.404	1.453	0.430	0.212	0.088	0.027
Hawthorne Arpt.	360	4.818	2.404	1.452	0.430	0.212	0.087	0.027

Table 4: Annual Receptor Proximity Adjustment Factors $\left(\frac{\mu g}{m^3} \frac{ton}{yr}\right)$ cont'd

Met Station	Angle	50 M	75 M	100 M	200 M	300 M	500 M	1,000 M
John Wayne Int'l Arpt.	10	8.277	4.604	2.892	0.882	0.434	0.178	0.054
John Wayne Int'l Arpt.	20	8.403	4.694	2.961	0.915	0.454	0.188	0.058
John Wayne Int'l Arpt.	30	7.613	4.198	2.629	0.796	0.389	0.157	0.046
John Wayne Int'l Arpt.	40	6.316	3.393	2.093	0.613	0.292	0.114	0.031
John Wayne Int'l Arpt.	50	5.180	2.710	1.656	0.481	0.230	0.090	0.025
John Wayne Int'l Arpt.	60	4.535	2.336	1.425	0.419	0.202	0.081	0.023
John Wayne Int'l Arpt.	70	4.258	2.173	1.322	0.386	0.186	0.074	0.021
John Wayne Int'l Arpt.	80	4.099	2.071	1.251	0.360	0.172	0.069	0.020
John Wayne Int'l Arpt.	90	3.940	1.972	1.184	0.338	0.162	0.065	0.019
John Wayne Int'l Arpt.	100	3.789	1.886	1.129	0.323	0.156	0.063	0.019
John Wayne Int'l Arpt.	110	3.677	1.827	1.095	0.315	0.153	0.062	0.019
John Wayne Int'l Arpt.	120	3.611	1.795	1.077	0.311	0.152	0.062	0.019
John Wayne Int'l Arpt.	130	3.579	1.779	1.067	0.309	0.151	0.062	0.019
John Wayne Int'l Arpt.	140	3.563	1.770	1.062	0.308	0.150	0.062	0.019
John Wayne Int'l Arpt.	150	3.556	1.766	1.060	0.307	0.150	0.061	0.019
John Wayne Int'l Arpt.	160	3.557	1.766	1.059	0.307	0.150	0.061	0.019
John Wayne Int'l Arpt.	170	3.575	1.774	1.063	0.308	0.150	0.061	0.019
John Wayne Int'l Arpt.	180	3.618	1.796	1.076	0.311	0.151	0.062	0.019
John Wayne Int'l Arpt.	190	3.692	1.835	1.100	0.317	0.154	0.063	0.019
John Wayne Int'l Arpt.	200	3.795	1.890	1.134	0.328	0.160	0.065	0.020
John Wayne Int'l Arpt.	210	3.931	1.964	1.180	0.342	0.167	0.068	0.021
John Wayne Int'l Arpt.	220	4.112	2.067	1.244	0.361	0.176	0.072	0.022
John Wayne Int'l Arpt.	230	4.334	2.200	1.331	0.389	0.189	0.077	0.023
John Wayne Int'l Arpt.	240	4.542	2.332	1.422	0.422	0.207	0.085	0.026
John Wayne Int'l Arpt.	250	4.648	2.404	1.473	0.443	0.220	0.092	0.028
John Wayne Int'l Arpt.	260	4.608	2.379	1.456	0.437	0.217	0.091	0.028
John Wayne Int'l Arpt.	270	4.496	2.300	1.396	0.410	0.200	0.082	0.025
John Wayne Int'l Arpt.	280	4.457	2.265	1.365	0.391	0.187	0.075	0.022
John Wayne Int'l Arpt.	290	4.585	2.344	1.417	0.408	0.196	0.079	0.023
John Wayne Int'l Arpt.	300	4.865	2.526	1.544	0.458	0.225	0.093	0.028
John Wayne Int'l Arpt.	310	5.194	2.738	1.689	0.511	0.254	0.106	0.033
John Wayne Int'l Arpt.	320	5.467	2.905	1.797	0.544	0.269	0.111	0.034
John Wayne Int'l Arpt.	330	5.676	3.026	1.869	0.561	0.276	0.113	0.035
John Wayne Int'l Arpt.	340	5.968	3.192	1.967	0.583	0.285	0.116	0.035
John Wayne Int'l Arpt.	350	6.561	3.539	2.184	0.642	0.311	0.126	0.037
John Wayne Int'l Arpt.	360	7.466	4.091	2.543	0.756	0.367	0.148	0.044
Long Beach Arpt.	10	5.123	2.669	1.644	0.496	0.243	0.099	0.029
Long Beach Arpt.	20	5.049	2.625	1.614	0.484	0.237	0.096	0.028
Long Beach Arpt.	30	4.904	2.534	1.551	0.459	0.223	0.090	0.026
Long Beach Arpt.	40	4.710	2.417	1.471	0.430	0.208	0.084	0.025
Long Beach Arpt.	50	4.513	2.304	1.397	0.408	0.198	0.081	0.024
Long Beach Arpt.	60	4.387	2.239	1.357	0.397	0.194	0.079	0.024
Long Beach Arpt.	70	4.449	2.282	1.384	0.404	0.197	0.080	0.024
Long Beach Arpt.	80	4.857	2.521	1.531	0.443	0.214	0.086	0.026

Table 4: Annual Receptor Proximity Adjustment Factors $\left(\frac{\mu g}{m^3} \cdot \frac{ton}{yr}\right)$ cont'd

Met Station	Angle	50 M	75 M	100 M	200 M	300 M	500 M	1,000 M
Long Beach Arpt.	90	5.779	3.068	1.873	0.538	0.257	0.102	0.030
Long Beach Arpt.	100	7.163	3.920	2.429	0.713	0.342	0.135	0.039
Long Beach Arpt.	110	8.533	4.799	3.030	0.932	0.460	0.188	0.056
Long Beach Arpt.	120	9.253	5.284	3.378	1.080	0.549	0.234	0.074
Long Beach Arpt.	130	9.023	5.151	3.299	1.063	0.543	0.234	0.075
Long Beach Arpt.	140	8.069	4.535	2.878	0.905	0.454	0.189	0.058
Long Beach Arpt.	150	6.878	3.765	2.353	0.713	0.349	0.142	0.042
Long Beach Arpt.	160	5.841	3.109	1.915	0.568	0.277	0.113	0.034
Long Beach Arpt.	170	5.106	2.662	1.627	0.480	0.235	0.096	0.029
Long Beach Arpt.	180	4.639	2.389	1.454	0.429	0.210	0.086	0.026
Long Beach Arpt.	190	4.358	2.228	1.352	0.398	0.195	0.080	0.024
Long Beach Arpt.	200	4.202	2.140	1.298	0.383	0.188	0.077	0.024
Long Beach Arpt.	210	4.142	2.107	1.279	0.378	0.186	0.077	0.024
Long Beach Arpt.	220	4.155	2.116	1.285	0.381	0.188	0.077	0.024
Long Beach Arpt.	230	4.220	2.153	1.308	0.388	0.191	0.079	0.024
Long Beach Arpt.	240	4.329	2.213	1.346	0.399	0.197	0.081	0.025
Long Beach Arpt.	250	4.480	2.298	1.400	0.415	0.204	0.084	0.026
Long Beach Arpt.	260	4.657	2.404	1.469	0.437	0.215	0.089	0.027
Long Beach Arpt.	270	4.819	2.506	1.538	0.463	0.229	0.095	0.029
Long Beach Arpt.	280	4.914	2.567	1.581	0.480	0.239	0.100	0.031
Long Beach Arpt.	290	4.914	2.565	1.579	0.479	0.239	0.100	0.031
Long Beach Arpt.	300	4.837	2.511	1.539	0.462	0.228	0.094	0.029
Long Beach Arpt.	310	4.746	2.444	1.489	0.440	0.215	0.088	0.027
Long Beach Arpt.	320	4.712	2.412	1.463	0.427	0.208	0.085	0.026
Long Beach Arpt.	330	4.773	2.441	1.480	0.431	0.209	0.085	0.026
Long Beach Arpt.	340	4.901	2.517	1.532	0.448	0.217	0.087	0.026
Long Beach Arpt.	350	5.034	2.603	1.592	0.471	0.229	0.092	0.027
Long Beach Arpt.	360	5.117	2.660	1.635	0.490	0.239	0.097	0.028
Los Angeles Int'l Arpt.	10	3.363	1.839	1.147	0.349	0.173	0.072	0.022
Los Angeles Int'l Arpt.	20	3.575	1.958	1.218	0.366	0.180	0.074	0.022
Los Angeles Int'l Arpt.	30	4.087	2.251	1.396	0.412	0.199	0.080	0.024
Los Angeles Int'l Arpt.	40	5.122	2.853	1.771	0.517	0.248	0.098	0.028
Los Angeles Int'l Arpt.	50	6.810	3.849	2.404	0.708	0.340	0.135	0.039
Los Angeles Int'l Arpt.	60	8.829	5.061	3.190	0.962	0.468	0.189	0.056
Los Angeles Int'l Arpt.	70	10.265	5.934	3.765	1.157	0.570	0.233	0.070
Los Angeles Int'l Arpt.	80	10.192	5.887	3.730	1.141	0.560	0.228	0.068
Los Angeles Int'l Arpt.	90	8.562	4.895	3.071	0.910	0.437	0.173	0.049
Los Angeles Int'l Arpt.	100	6.337	3.568	2.213	0.637	0.301	0.117	0.033
Los Angeles Int'l Arpt.	110	4.606	2.562	1.586	0.461	0.221	0.088	0.026
Los Angeles Int'l Arpt.	120	3.731	2.065	1.288	0.388	0.191	0.078	0.024
Los Angeles Int'l Arpt.	130	3.430	1.895	1.188	0.365	0.182	0.076	0.023
Los Angeles Int'l Arpt.	140	3.344	1.845	1.158	0.358	0.179	0.075	0.023
Los Angeles Int'l Arpt.	150	3.309	1.824	1.145	0.353	0.176	0.073	0.023
Los Angeles Int'l Arpt.	160	3.286	1.809	1.134	0.349	0.173	0.072	0.022

Table 4: Annual Receptor Proximity Adjustment Factors $\left(\frac{\mu g}{m^3} \cdot \frac{ton}{yr}\right)$ cont'd

Met Station	Angle	50 M	75 M	100 M	200 M	300 M	500 M	1,000 M
Los Angeles Int'l Arpt.	170	3.274	1.800	1.128	0.346	0.172	0.071	0.022
Los Angeles Int'l Arpt.	180	3.292	1.809	1.132	0.347	0.173	0.072	0.022
Los Angeles Int'l Arpt.	190	3.356	1.845	1.155	0.354	0.176	0.073	0.022
Los Angeles Int'l Arpt.	200	3.469	1.909	1.196	0.367	0.182	0.076	0.023
Los Angeles Int'l Arpt.	210	3.630	2.001	1.255	0.386	0.192	0.080	0.024
Los Angeles Int'l Arpt.	220	3.845	2.126	1.335	0.411	0.204	0.085	0.026
Los Angeles Int'l Arpt.	230	4.126	2.293	1.443	0.445	0.221	0.092	0.028
Los Angeles Int'l Arpt.	240	4.461	2.498	1.578	0.490	0.244	0.101	0.031
Los Angeles Int'l Arpt.	250	4.787	2.702	1.716	0.539	0.270	0.113	0.035
Los Angeles Int'l Arpt.	260	5.015	2.845	1.813	0.575	0.290	0.123	0.038
Los Angeles Int'l Arpt.	270	5.066	2.874	1.831	0.581	0.293	0.124	0.039
Los Angeles Int'l Arpt.	280	4.921	2.777	1.762	0.552	0.277	0.116	0.036
Los Angeles Int'l Arpt.	290	4.631	2.590	1.632	0.502	0.249	0.103	0.031
Los Angeles Int'l Arpt.	300	4.283	2.373	1.486	0.451	0.222	0.091	0.027
Los Angeles Int'l Arpt.	310	3.961	2.180	1.360	0.411	0.202	0.083	0.025
Los Angeles Int'l Arpt.	320	3.708	2.034	1.269	0.385	0.190	0.078	0.024
Los Angeles Int'l Arpt.	330	3.525	1.930	1.204	0.367	0.181	0.075	0.023
Los Angeles Int'l Arpt.	340	3.398	1.858	1.160	0.353	0.175	0.072	0.022
Los Angeles Int'l Arpt.	350	3.321	1.815	1.133	0.346	0.171	0.071	0.022
Los Angeles Int'l Arpt.	360	3.302	1.805	1.126	0.344	0.171	0.071	0.022
Mission Viejo	10	8.628	4.298	2.598	0.767	0.377	0.155	0.047
Mission Viejo	20	8.706	4.349	2.634	0.781	0.384	0.158	0.048
Mission Viejo	30	8.705	4.349	2.635	0.781	0.384	0.158	0.048
Mission Viejo	40	8.633	4.304	2.603	0.769	0.377	0.155	0.047
Mission Viejo	50	8.513	4.229	2.552	0.750	0.367	0.151	0.046
Mission Viejo	60	8.371	4.143	2.494	0.730	0.357	0.146	0.045
Mission Viejo	70	8.227	4.058	2.437	0.712	0.348	0.143	0.044
Mission Viejo	80	8.105	3.988	2.393	0.698	0.342	0.141	0.043
Mission Viejo	90	8.042	3.954	2.371	0.692	0.340	0.140	0.043
Mission Viejo	100	8.069	3.970	2.381	0.695	0.341	0.141	0.043
Mission Viejo	110	8.170	4.028	2.419	0.706	0.346	0.142	0.044
Mission Viejo	120	8.296	4.103	2.470	0.723	0.354	0.145	0.044
Mission Viejo	130	8.403	4.170	2.517	0.741	0.364	0.149	0.045
Mission Viejo	140	8.466	4.211	2.546	0.754	0.371	0.153	0.047
Mission Viejo	150	8.476	4.216	2.549	0.755	0.372	0.153	0.047
Mission Viejo	160	8.433	4.186	2.526	0.745	0.366	0.150	0.046
Mission Viejo	170	8.351	4.129	2.485	0.728	0.356	0.146	0.045
Mission Viejo	180	8.246	4.061	2.437	0.710	0.347	0.143	0.044
Mission Viejo	190	8.138	3.996	2.395	0.699	0.343	0.141	0.044
Mission Viejo	200	8.050	3.947	2.366	0.693	0.341	0.141	0.044
Mission Viejo	210	7.996	3.918	2.350	0.691	0.341	0.142	0.044
Mission Viejo	220	7.967	3.902	2.341	0.689	0.340	0.141	0.044
Mission Viejo	230	7.940	3.887	2.331	0.686	0.338	0.141	0.044
Mission Viejo	240	7.909	3.870	2.321	0.683	0.337	0.140	0.043

Table 4: Annual Receptor Proximity Adjustment Factors $\left(\frac{\mu g}{m^3} \cdot \frac{ton}{yr}\right)$ cont'd

Met Station	Angle	50 M	75 M	100 M	200 M	300 M	500 M	1,000 M
Mission Viejo	250	7.882	3.856	2.313	0.681	0.336	0.140	0.043
Mission Viejo	260	7.863	3.846	2.307	0.679	0.335	0.139	0.043
Mission Viejo	270	7.854	3.841	2.304	0.678	0.335	0.139	0.043
Mission Viejo	280	7.856	3.843	2.305	0.678	0.335	0.139	0.043
Mission Viejo	290	7.870	3.851	2.310	0.680	0.335	0.139	0.043
Mission Viejo	300	7.894	3.865	2.319	0.683	0.337	0.140	0.043
Mission Viejo	310	7.930	3.885	2.332	0.686	0.339	0.141	0.044
Mission Viejo	320	7.983	3.914	2.349	0.691	0.341	0.141	0.044
Mission Viejo	330	8.060	3.956	2.375	0.697	0.343	0.142	0.044
Mission Viejo	340	8.168	4.018	2.413	0.707	0.348	0.144	0.044
Mission Viejo	350	8.317	4.106	2.469	0.724	0.355	0.146	0.045
Mission Viejo	360	8.485	4.208	2.536	0.745	0.366	0.150	0.046
Ontario Arpt.	10	3.901	1.988	1.205	0.353	0.172	0.070	0.021
Ontario Arpt.	20	4.153	2.120	1.283	0.371	0.179	0.072	0.022
Ontario Arpt.	30	4.756	2.438	1.470	0.417	0.198	0.078	0.023
Ontario Arpt.	40	5.856	3.033	1.833	0.517	0.243	0.094	0.026
Ontario Arpt.	50	7.284	3.830	2.339	0.676	0.322	0.126	0.036
Ontario Arpt.	60	8.613	4.590	2.833	0.847	0.414	0.169	0.050
Ontario Arpt.	70	9.410	5.051	3.133	0.949	0.470	0.195	0.060
Ontario Arpt.	80	9.419	5.058	3.130	0.939	0.460	0.188	0.056
Ontario Arpt.	90	8.645	4.619	2.840	0.833	0.402	0.161	0.047
Ontario Arpt.	100	7.376	3.912	2.388	0.688	0.329	0.131	0.038
Ontario Arpt.	110	6.091	3.206	1.950	0.560	0.269	0.107	0.032
Ontario Arpt.	120	5.169	2.702	1.643	0.476	0.230	0.093	0.028
Ontario Arpt.	130	4.659	2.420	1.474	0.433	0.211	0.087	0.026
Ontario Arpt.	140	4.412	2.280	1.389	0.411	0.202	0.084	0.026
Ontario Arpt.	150	4.304	2.213	1.346	0.397	0.195	0.081	0.025
Ontario Arpt.	160	4.286	2.197	1.334	0.391	0.191	0.078	0.024
Ontario Arpt.	170	4.367	2.240	1.360	0.398	0.195	0.080	0.024
Ontario Arpt.	180	4.555	2.350	1.431	0.422	0.207	0.085	0.026
Ontario Arpt.	190	4.831	2.514	1.540	0.459	0.226	0.093	0.029
Ontario Arpt.	200	5.139	2.700	1.664	0.503	0.249	0.103	0.032
Ontario Arpt.	210	5.398	2.857	1.768	0.540	0.270	0.113	0.035
Ontario Arpt.	220	5.519	2.928	1.815	0.557	0.279	0.117	0.037
Ontario Arpt.	230	5.444	2.879	1.781	0.543	0.271	0.114	0.035
Ontario Arpt.	240	5.188	2.722	1.674	0.503	0.248	0.103	0.031
Ontario Arpt.	250	4.836	2.511	1.534	0.454	0.222	0.091	0.028
Ontario Arpt.	260	4.490	2.309	1.403	0.411	0.201	0.082	0.025
Ontario Arpt.	270	4.215	2.153	1.305	0.381	0.186	0.076	0.023
Ontario Arpt.	280	4.024	2.048	1.239	0.362	0.177	0.072	0.022
Ontario Arpt.	290	3.900	1.980	1.198	0.350	0.171	0.070	0.021
Ontario Arpt.	300	3.820	1.938	1.172	0.343	0.168	0.069	0.021
Ontario Arpt.	310	3.771	1.913	1.157	0.339	0.166	0.068	0.021
Ontario Arpt.	320	3.740	1.897	1.149	0.337	0.165	0.068	0.021

Table 4: Annual Receptor Proximity Adjustment Factors $\left(\frac{\mu g}{m^3}\right)$ cont'd

Met Station	Angle	50 M	75 M	100 M	200 M	300 M	500 M	1,000 M
Ontario Arpt.	330	3.721	1.889	1.145	0.337	0.165	0.068	0.021
Ontario Arpt.	340	3.717	1.889	1.145	0.337	0.165	0.068	0.021
Ontario Arpt.	350	3.733	1.899	1.152	0.339	0.166	0.068	0.021
Ontario Arpt.	360	3.788	1.928	1.170	0.344	0.168	0.069	0.021
Palm Springs Arpt.	10	3.939	1.937	1.149	0.324	0.156	0.063	0.019
Palm Springs Arpt.	20	3.899	1.916	1.136	0.321	0.154	0.062	0.019
Palm Springs Arpt.	30	3.884	1.906	1.130	0.318	0.153	0.062	0.018
Palm Springs Arpt.	40	3.887	1.905	1.129	0.317	0.152	0.061	0.018
Palm Springs Arpt.	50	3.899	1.911	1.132	0.319	0.153	0.061	0.018
Palm Springs Arpt.	60	3.916	1.921	1.139	0.322	0.155	0.062	0.019
Palm Springs Arpt.	70	3.939	1.933	1.147	0.325	0.157	0.064	0.019
Palm Springs Arpt.	80	3.977	1.951	1.158	0.328	0.158	0.064	0.019
Palm Springs Arpt.	90	4.042	1.981	1.174	0.331	0.159	0.064	0.019
Palm Springs Arpt.	100	4.108	2.013	1.192	0.334	0.160	0.064	0.019
Palm Springs Arpt.	110	4.182	2.054	1.216	0.340	0.162	0.064	0.019
Palm Springs Arpt.	120	4.396	2.179	1.293	0.359	0.170	0.067	0.019
Palm Springs Arpt.	130	4.887	2.478	1.486	0.417	0.197	0.077	0.022
Palm Springs Arpt.	140	5.573	2.910	1.777	0.521	0.253	0.101	0.029
Palm Springs Arpt.	150	6.153	3.279	2.031	0.620	0.310	0.130	0.041
Palm Springs Arpt.	160	6.325	3.384	2.100	0.642	0.321	0.135	0.043
Palm Springs Arpt.	170	6.008	3.175	1.947	0.574	0.279	0.113	0.033
Palm Springs Arpt.	180	5.392	2.785	1.680	0.474	0.224	0.088	0.025
Palm Springs Arpt.	190	4.781	2.419	1.442	0.401	0.189	0.075	0.022
Palm Springs Arpt.	200	4.380	2.191	1.303	0.364	0.174	0.070	0.021
Palm Springs Arpt.	210	4.190	2.085	1.239	0.348	0.167	0.067	0.020
Palm Springs Arpt.	220	4.115	2.044	1.214	0.341	0.164	0.066	0.020
Palm Springs Arpt.	230	4.113	2.042	1.213	0.341	0.163	0.066	0.020
Palm Springs Arpt.	240	4.190	2.085	1.237	0.346	0.166	0.067	0.020
Palm Springs Arpt.	250	4.372	2.186	1.298	0.362	0.172	0.069	0.020
Palm Springs Arpt.	260	4.667	2.350	1.398	0.389	0.185	0.073	0.022
Palm Springs Arpt.	270	5.036	2.558	1.527	0.427	0.203	0.081	0.024
Palm Springs Arpt.	280	5.399	2.764	1.657	0.466	0.222	0.088	0.026
Palm Springs Arpt.	290	5.649	2.907	1.749	0.495	0.236	0.094	0.027
Palm Springs Arpt.	300	5.695	2.934	1.768	0.502	0.240	0.095	0.028
Palm Springs Arpt.	310	5.517	2.835	1.707	0.486	0.233	0.093	0.028
Palm Springs Arpt.	320	5.181	2.644	1.587	0.451	0.217	0.088	0.026
Palm Springs Arpt.	330	4.793	2.420	1.446	0.407	0.195	0.078	0.023
Palm Springs Arpt.	340	4.446	2.219	1.318	0.368	0.175	0.069	0.020
Palm Springs Arpt.	350	4.188	2.071	1.227	0.342	0.163	0.065	0.019
Palm Springs Arpt.	360	4.025	1.982	1.174	0.329	0.158	0.063	0.019
Perris	10	7.607	3.836	2.332	0.694	0.342	0.142	0.044
Perris	20	7.541	3.798	2.307	0.686	0.338	0.140	0.043
Perris	30	7.458	3.754	2.280	0.679	0.335	0.139	0.043
Perris	40	7.377	3.712	2.254	0.672	0.332	0.138	0.043

Table 4: Annual Receptor Proximity Adjustment Factors $\left(\frac{\mu\text{g}}{\text{ton/yr}}\right)$ cont'd

Met Station	Angle	50 M	75 M	100 M	200 M	300 M	500 M	1,000 M
Perris	50	7.324	3.682	2.236	0.666	0.329	0.137	0.043
Perris	60	7.309	3.675	2.232	0.665	0.329	0.137	0.043
Perris	70	7.325	3.687	2.242	0.670	0.332	0.138	0.043
Perris	80	7.363	3.711	2.259	0.678	0.336	0.141	0.044
Perris	90	7.445	3.754	2.283	0.684	0.339	0.142	0.044
Perris	100	7.660	3.866	2.345	0.694	0.342	0.142	0.044
Perris	110	8.169	4.143	2.506	0.730	0.356	0.146	0.045
Perris	120	9.040	4.642	2.816	0.816	0.394	0.159	0.047
Perris	130	10.050	5.247	3.211	0.945	0.459	0.186	0.055
Perris	140	10.745	5.673	3.499	1.051	0.517	0.213	0.065
Perris	150	10.793	5.697	3.515	1.059	0.523	0.216	0.066
Perris	160	10.254	5.359	3.289	0.980	0.481	0.197	0.060
Perris	170	9.464	4.882	2.977	0.878	0.429	0.175	0.053
Perris	180	8.734	4.456	2.706	0.795	0.388	0.159	0.049
Perris	190	8.219	4.165	2.524	0.741	0.363	0.149	0.046
Perris	200	7.939	4.012	2.432	0.717	0.351	0.145	0.045
Perris	210	7.839	3.965	2.408	0.714	0.351	0.145	0.045
Perris	220	7.822	3.966	2.415	0.721	0.356	0.148	0.046
Perris	230	7.790	3.954	2.412	0.724	0.359	0.150	0.047
Perris	240	7.692	3.898	2.376	0.713	0.354	0.148	0.046
Perris	250	7.544	3.809	2.319	0.694	0.344	0.143	0.045
Perris	260	7.397	3.723	2.263	0.676	0.335	0.139	0.043
Perris	270	7.283	3.658	2.223	0.664	0.329	0.137	0.043
Perris	280	7.210	3.618	2.198	0.658	0.326	0.136	0.043
Perris	290	7.179	3.601	2.188	0.655	0.325	0.136	0.042
Perris	300	7.191	3.607	2.190	0.655	0.324	0.135	0.042
Perris	310	7.247	3.635	2.206	0.658	0.325	0.135	0.042
Perris	320	7.337	3.684	2.237	0.666	0.329	0.136	0.042
Perris	330	7.446	3.746	2.277	0.679	0.335	0.139	0.043
Perris	340	7.549	3.806	2.316	0.692	0.342	0.142	0.044
Perris	350	7.618	3.846	2.342	0.701	0.347	0.144	0.045
Perris	360	7.638	3.856	2.347	0.701	0.346	0.144	0.045
Pico Rivera	10	7.872	3.954	2.390	0.701	0.342	0.139	0.042
Pico Rivera	20	8.094	4.074	2.464	0.721	0.350	0.142	0.042
Pico Rivera	30	8.247	4.161	2.519	0.736	0.357	0.144	0.042
Pico Rivera	40	8.292	4.191	2.541	0.745	0.362	0.146	0.043
Pico Rivera	50	8.208	4.148	2.516	0.741	0.361	0.146	0.043
Pico Rivera	60	8.003	4.032	2.442	0.718	0.350	0.142	0.042
Pico Rivera	70	7.711	3.862	2.329	0.679	0.330	0.134	0.040
Pico Rivera	80	7.377	3.668	2.202	0.637	0.309	0.125	0.038
Pico Rivera	90	7.052	3.485	2.086	0.603	0.294	0.120	0.036
Pico Rivera	100	6.792	3.346	2.003	0.583	0.285	0.118	0.036
Pico Rivera	110	6.632	3.266	1.958	0.573	0.282	0.117	0.036
Pico Rivera	120	6.565	3.233	1.940	0.570	0.281	0.116	0.036

Table 4: Annual Receptor Proximity Adjustment Factors $\left(\frac{\mu\text{g}}{\text{m}^3}\right)$ cont'd

Met Station	Angle	50 M	75 M	100 M	200 M	300 M	500 M	1,000 M
Pico Rivera	130	6.550	3.225	1.936	0.570	0.281	0.116	0.036
Pico Rivera	140	6.552	3.226	1.937	0.570	0.281	0.116	0.036
Pico Rivera	150	6.569	3.235	1.942	0.571	0.281	0.117	0.036
Pico Rivera	160	6.608	3.256	1.954	0.574	0.282	0.117	0.036
Pico Rivera	170	6.664	3.287	1.974	0.579	0.285	0.118	0.036
Pico Rivera	180	6.728	3.324	1.998	0.587	0.289	0.119	0.037
Pico Rivera	190	6.786	3.358	2.021	0.596	0.294	0.121	0.037
Pico Rivera	200	6.830	3.385	2.040	0.604	0.298	0.124	0.038
Pico Rivera	210	6.853	3.398	2.049	0.608	0.300	0.125	0.039
Pico Rivera	220	6.854	3.398	2.048	0.607	0.300	0.124	0.038
Pico Rivera	230	6.833	3.385	2.039	0.602	0.297	0.123	0.038
Pico Rivera	240	6.791	3.360	2.022	0.595	0.293	0.121	0.037
Pico Rivera	250	6.735	3.329	2.001	0.589	0.290	0.120	0.037
Pico Rivera	260	6.677	3.297	1.982	0.583	0.287	0.119	0.037
Pico Rivera	270	6.629	3.271	1.966	0.579	0.286	0.118	0.037
Pico Rivera	280	6.599	3.254	1.955	0.576	0.284	0.118	0.036
Pico Rivera	290	6.589	3.247	1.950	0.574	0.283	0.117	0.036
Pico Rivera	300	6.600	3.252	1.952	0.573	0.282	0.117	0.036
Pico Rivera	310	6.650	3.278	1.967	0.577	0.284	0.117	0.036
Pico Rivera	320	6.754	3.335	2.001	0.586	0.287	0.119	0.036
Pico Rivera	330	6.924	3.426	2.057	0.601	0.294	0.121	0.037
Pico Rivera	340	7.144	3.548	2.133	0.623	0.305	0.125	0.038
Pico Rivera	350	7.385	3.684	2.220	0.650	0.318	0.130	0.040
Pico Rivera	360	7.629	3.821	2.307	0.677	0.331	0.135	0.041
Redlands	10	7.965	3.986	2.416	0.722	0.358	0.149	0.046
Redlands	20	7.983	3.995	2.421	0.722	0.358	0.149	0.046
Redlands	30	8.049	4.030	2.441	0.726	0.359	0.150	0.046
Redlands	40	8.233	4.128	2.497	0.738	0.364	0.151	0.047
Redlands	50	8.649	4.350	2.627	0.769	0.377	0.155	0.048
Redlands	60	9.347	4.732	2.859	0.832	0.405	0.165	0.050
Redlands	70	10.199	5.216	3.167	0.927	0.451	0.183	0.055
Redlands	80	10.941	5.654	3.457	1.028	0.505	0.207	0.063
Redlands	90	11.324	5.885	3.614	1.087	0.538	0.222	0.068
Redlands	100	11.236	5.832	3.578	1.074	0.530	0.219	0.067
Redlands	110	10.739	5.535	3.379	1.001	0.490	0.200	0.061
Redlands	120	10.023	5.116	3.104	0.908	0.442	0.179	0.054
Redlands	130	9.299	4.707	2.845	0.829	0.404	0.165	0.050
Redlands	140	8.716	4.387	2.650	0.776	0.380	0.156	0.048
Redlands	150	8.322	4.175	2.524	0.745	0.367	0.152	0.047
Redlands	160	8.090	4.052	2.453	0.729	0.360	0.150	0.047
Redlands	170	7.972	3.988	2.416	0.721	0.357	0.149	0.046
Redlands	180	7.922	3.961	2.400	0.717	0.356	0.149	0.046
Redlands	190	7.904	3.951	2.395	0.716	0.355	0.148	0.046
Redlands	200	7.901	3.949	2.394	0.716	0.356	0.149	0.046

Table 4: Annual Receptor Proximity Adjustment Factors $\left(\frac{\mu\text{g}}{\text{ton/yr}}\right)$ cont'd

Met Station	Angle	50 M	75 M	100 M	200 M	300 M	500 M	1,000 M
Redlands	210	7.901	3.949	2.395	0.717	0.356	0.149	0.046
Redlands	220	7.900	3.949	2.395	0.717	0.356	0.149	0.046
Redlands	230	7.897	3.946	2.393	0.716	0.356	0.149	0.046
Redlands	240	7.900	3.946	2.392	0.715	0.355	0.148	0.046
Redlands	250	7.912	3.953	2.395	0.716	0.355	0.148	0.046
Redlands	260	7.932	3.965	2.404	0.719	0.356	0.149	0.046
Redlands	270	7.953	3.980	2.415	0.724	0.360	0.150	0.047
Redlands	280	7.969	3.991	2.424	0.728	0.363	0.152	0.048
Redlands	290	7.977	3.996	2.427	0.729	0.363	0.152	0.048
Redlands	300	7.978	3.995	2.425	0.727	0.361	0.151	0.047
Redlands	310	7.973	3.990	2.420	0.723	0.358	0.149	0.047
Redlands	320	7.964	3.984	2.415	0.721	0.357	0.149	0.046
Redlands	330	7.955	3.979	2.412	0.720	0.357	0.149	0.046
Redlands	340	7.953	3.979	2.413	0.721	0.357	0.149	0.046
Redlands	350	7.957	3.982	2.414	0.721	0.358	0.149	0.046
Redlands	360	7.960	3.984	2.415	0.722	0.358	0.149	0.046
Riverside Arpt.	10	4.400	2.263	1.381	0.412	0.204	0.084	0.026
Riverside Arpt.	20	4.480	2.309	1.408	0.420	0.207	0.086	0.026
Riverside Arpt.	30	4.636	2.400	1.465	0.436	0.215	0.089	0.027
Riverside Arpt.	40	4.946	2.577	1.572	0.466	0.229	0.094	0.029
Riverside Arpt.	50	5.639	2.962	1.802	0.522	0.253	0.103	0.031
Riverside Arpt.	60	6.988	3.725	2.270	0.646	0.306	0.120	0.035
Riverside Arpt.	70	8.866	4.826	2.979	0.868	0.414	0.162	0.046
Riverside Arpt.	80	10.507	5.817	3.644	1.112	0.548	0.225	0.068
Riverside Arpt.	90	11.008	6.109	3.846	1.197	0.600	0.253	0.079
Riverside Arpt.	100	10.177	5.568	3.477	1.060	0.524	0.215	0.065
Riverside Arpt.	110	8.614	4.604	2.831	0.830	0.400	0.159	0.046
Riverside Arpt.	120	7.012	3.663	2.221	0.632	0.299	0.117	0.033
Riverside Arpt.	130	5.735	2.950	1.777	0.502	0.238	0.094	0.027
Riverside Arpt.	140	4.908	2.510	1.513	0.435	0.210	0.085	0.026
Riverside Arpt.	150	4.507	2.307	1.399	0.411	0.202	0.083	0.025
Riverside Arpt.	160	4.417	2.267	1.380	0.409	0.202	0.083	0.026
Riverside Arpt.	170	4.524	2.326	1.417	0.420	0.207	0.085	0.026
Riverside Arpt.	180	4.769	2.457	1.497	0.442	0.217	0.089	0.027
Riverside Arpt.	190	5.108	2.641	1.609	0.475	0.232	0.095	0.029
Riverside Arpt.	200	5.476	2.844	1.736	0.513	0.250	0.102	0.031
Riverside Arpt.	210	5.809	3.033	1.858	0.553	0.271	0.111	0.033
Riverside Arpt.	220	6.065	3.187	1.962	0.591	0.292	0.121	0.037
Riverside Arpt.	230	6.217	3.284	2.031	0.620	0.309	0.129	0.040
Riverside Arpt.	240	6.248	3.308	2.050	0.630	0.315	0.133	0.042
Riverside Arpt.	250	6.156	3.258	2.016	0.616	0.307	0.128	0.040
Riverside Arpt.	260	5.955	3.144	1.941	0.588	0.291	0.120	0.037
Riverside Arpt.	270	5.691	2.999	1.849	0.558	0.276	0.114	0.035
Riverside Arpt.	280	5.424	2.854	1.759	0.532	0.264	0.110	0.034

Table 4: Annual Receptor Proximity Adjustment Factors $\left(\frac{\mu g}{m^3} \cdot \frac{ton}{yr}\right)$ cont'd

Met Station	Angle	50 M	75 M	100 M	200 M	300 M	500 M	1,000 M
Riverside Arpt.	290	5.196	2.729	1.682	0.509	0.252	0.105	0.032
Riverside Arpt.	300	5.005	2.622	1.614	0.488	0.242	0.101	0.031
Riverside Arpt.	310	4.834	2.523	1.551	0.469	0.233	0.097	0.030
Riverside Arpt.	320	4.681	2.432	1.492	0.450	0.223	0.093	0.029
Riverside Arpt.	330	4.551	2.354	1.441	0.433	0.214	0.089	0.027
Riverside Arpt.	340	4.453	2.295	1.402	0.420	0.208	0.086	0.027
Riverside Arpt.	350	4.393	2.260	1.380	0.413	0.204	0.085	0.026
Riverside Arpt.	360	4.375	2.250	1.373	0.411	0.203	0.084	0.026
Santa Clarita	10	7.378	3.738	2.273	0.675	0.332	0.136	0.042
Santa Clarita	20	7.026	3.551	2.159	0.643	0.317	0.131	0.040
Santa Clarita	30	6.766	3.417	2.080	0.623	0.308	0.128	0.039
Santa Clarita	40	6.608	3.338	2.034	0.612	0.304	0.126	0.039
Santa Clarita	50	6.529	3.298	2.010	0.606	0.301	0.126	0.039
Santa Clarita	60	6.492	3.279	2.000	0.604	0.300	0.125	0.039
Santa Clarita	70	6.477	3.272	1.996	0.603	0.300	0.125	0.039
Santa Clarita	80	6.475	3.272	1.996	0.604	0.301	0.126	0.039
Santa Clarita	90	6.490	3.279	2.001	0.605	0.301	0.126	0.039
Santa Clarita	100	6.531	3.302	2.014	0.608	0.302	0.126	0.039
Santa Clarita	110	6.608	3.344	2.040	0.616	0.306	0.127	0.039
Santa Clarita	120	6.721	3.409	2.081	0.628	0.312	0.130	0.040
Santa Clarita	130	6.867	3.495	2.136	0.645	0.321	0.134	0.041
Santa Clarita	140	7.030	3.596	2.203	0.668	0.332	0.138	0.043
Santa Clarita	150	7.172	3.688	2.264	0.689	0.343	0.143	0.045
Santa Clarita	160	7.247	3.736	2.296	0.699	0.349	0.146	0.045
Santa Clarita	170	7.244	3.731	2.290	0.694	0.345	0.144	0.044
Santa Clarita	180	7.204	3.699	2.265	0.682	0.338	0.140	0.043
Santa Clarita	190	7.176	3.676	2.247	0.674	0.333	0.138	0.042
Santa Clarita	200	7.160	3.663	2.239	0.672	0.332	0.138	0.042
Santa Clarita	210	7.109	3.632	2.219	0.666	0.329	0.136	0.042
Santa Clarita	220	6.985	3.560	2.173	0.652	0.322	0.133	0.041
Santa Clarita	230	6.805	3.457	2.108	0.632	0.313	0.130	0.040
Santa Clarita	240	6.625	3.355	2.045	0.614	0.304	0.127	0.039
Santa Clarita	250	6.491	3.280	1.999	0.602	0.299	0.125	0.039
Santa Clarita	260	6.426	3.243	1.976	0.596	0.297	0.124	0.039
Santa Clarita	270	6.451	3.254	1.981	0.596	0.296	0.124	0.039
Santa Clarita	280	6.620	3.338	2.028	0.606	0.300	0.125	0.039
Santa Clarita	290	6.995	3.532	2.142	0.634	0.312	0.129	0.040
Santa Clarita	300	7.559	3.836	2.328	0.687	0.336	0.137	0.042
Santa Clarita	310	8.177	4.179	2.547	0.755	0.370	0.151	0.046
Santa Clarita	320	8.655	4.449	2.721	0.814	0.400	0.164	0.049
Santa Clarita	330	8.834	4.547	2.784	0.834	0.410	0.168	0.050
Santa Clarita	340	8.680	4.454	2.722	0.812	0.398	0.162	0.049
Santa Clarita	350	8.286	4.232	2.580	0.767	0.376	0.154	0.046
Santa Clarita	360	7.812	3.972	2.417	0.718	0.352	0.144	0.044

Table 4: Annual Receptor Proximity Adjustment Factors $\left(\frac{\mu g}{m^3}\right)$ cont'd

Met Station	Angle	50 M	75 M	100 M	200 M	300 M	500 M	1,000 M
Santa Monica Arpt.	10	6.477	3.296	1.981	0.565	0.272	0.110	0.033
Santa Monica Arpt.	20	7.495	3.865	2.330	0.660	0.315	0.125	0.037
Santa Monica Arpt.	30	8.691	4.555	2.769	0.792	0.377	0.149	0.043
Santa Monica Arpt.	40	9.647	5.131	3.150	0.922	0.444	0.177	0.051
Santa Monica Arpt.	50	9.893	5.294	3.266	0.971	0.473	0.192	0.057
Santa Monica Arpt.	60	9.236	4.907	3.013	0.886	0.429	0.173	0.051
Santa Monica Arpt.	70	7.965	4.152	2.519	0.719	0.342	0.134	0.038
Santa Monica Arpt.	80	6.652	3.394	2.037	0.572	0.271	0.106	0.031
Santa Monica Arpt.	90	5.734	2.883	1.726	0.490	0.235	0.095	0.028
Santa Monica Arpt.	100	5.285	2.638	1.583	0.457	0.223	0.091	0.028
Santa Monica Arpt.	110	5.113	2.546	1.530	0.446	0.219	0.090	0.028
Santa Monica Arpt.	120	5.045	2.512	1.512	0.443	0.218	0.090	0.028
Santa Monica Arpt.	130	5.033	2.508	1.510	0.443	0.218	0.090	0.028
Santa Monica Arpt.	140	5.054	2.520	1.518	0.446	0.219	0.091	0.028
Santa Monica Arpt.	150	5.084	2.536	1.528	0.449	0.221	0.091	0.028
Santa Monica Arpt.	160	5.115	2.553	1.538	0.452	0.222	0.092	0.028
Santa Monica Arpt.	170	5.142	2.567	1.548	0.455	0.224	0.093	0.028
Santa Monica Arpt.	180	5.161	2.578	1.555	0.457	0.225	0.093	0.029
Santa Monica Arpt.	190	5.173	2.585	1.559	0.459	0.226	0.093	0.029
Santa Monica Arpt.	200	5.177	2.588	1.562	0.459	0.226	0.093	0.029
Santa Monica Arpt.	210	5.175	2.589	1.563	0.460	0.226	0.093	0.029
Santa Monica Arpt.	220	5.171	2.589	1.563	0.461	0.227	0.093	0.029
Santa Monica Arpt.	230	5.167	2.589	1.565	0.462	0.227	0.094	0.029
Santa Monica Arpt.	240	5.166	2.590	1.566	0.463	0.228	0.094	0.029
Santa Monica Arpt.	250	5.166	2.591	1.567	0.464	0.228	0.094	0.029
Santa Monica Arpt.	260	5.163	2.589	1.566	0.463	0.228	0.094	0.029
Santa Monica Arpt.	270	5.155	2.585	1.563	0.462	0.227	0.094	0.029
Santa Monica Arpt.	280	5.143	2.577	1.558	0.459	0.226	0.093	0.028
Santa Monica Arpt.	290	5.127	2.568	1.551	0.457	0.225	0.093	0.028
Santa Monica Arpt.	300	5.109	2.557	1.544	0.455	0.224	0.092	0.028
Santa Monica Arpt.	310	5.094	2.548	1.538	0.453	0.223	0.092	0.028
Santa Monica Arpt.	320	5.093	2.546	1.536	0.452	0.222	0.092	0.028
Santa Monica Arpt.	330	5.125	2.561	1.543	0.452	0.222	0.092	0.028
Santa Monica Arpt.	340	5.220	2.610	1.571	0.458	0.224	0.092	0.028
Santa Monica Arpt.	350	5.424	2.719	1.635	0.475	0.232	0.095	0.029
Santa Monica Arpt.	360	5.806	2.928	1.760	0.507	0.246	0.100	0.030
Temecula	10	6.982	3.735	2.306	0.689	0.337	0.138	0.042
Temecula	20	7.708	4.141	2.564	0.770	0.377	0.154	0.046
Temecula	30	7.928	4.263	2.642	0.793	0.388	0.158	0.047
Temecula	40	7.517	4.022	2.482	0.735	0.356	0.142	0.041
Temecula	50	6.635	3.517	2.153	0.624	0.298	0.117	0.033
Temecula	60	5.627	2.956	1.799	0.515	0.245	0.097	0.028
Temecula	70	4.816	2.520	1.535	0.444	0.213	0.085	0.026
Temecula	80	4.333	2.270	1.388	0.408	0.199	0.081	0.025

Table 4: Annual Receptor Proximity Adjustment Factors $\left(\frac{\mu g}{m^3} \frac{ton}{yr}\right)$ cont'd

Met Station	Angle	50 M	75 M	100 M	200 M	300 M	500 M	1,000 M
Temecula	90	4.124	2.164	1.327	0.394	0.193	0.079	0.024
Temecula	100	4.084	2.145	1.316	0.392	0.192	0.079	0.024
Temecula	110	4.142	2.178	1.337	0.397	0.194	0.080	0.024
Temecula	120	4.256	2.245	1.379	0.410	0.200	0.082	0.025
Temecula	130	4.378	2.319	1.428	0.426	0.209	0.085	0.026
Temecula	140	4.440	2.358	1.455	0.436	0.214	0.088	0.027
Temecula	150	4.391	2.331	1.438	0.432	0.213	0.088	0.027
Temecula	160	4.251	2.249	1.386	0.415	0.204	0.084	0.026
Temecula	170	4.093	2.162	1.331	0.399	0.197	0.081	0.025
Temecula	180	3.987	2.109	1.303	0.395	0.196	0.081	0.025
Temecula	190	3.958	2.102	1.303	0.399	0.199	0.083	0.026
Temecula	200	4.007	2.136	1.328	0.408	0.204	0.085	0.026
Temecula	210	4.146	2.222	1.384	0.427	0.213	0.089	0.028
Temecula	220	4.467	2.409	1.502	0.462	0.230	0.096	0.030
Temecula	230	5.318	2.931	1.831	0.552	0.271	0.111	0.034
Temecula	240	7.333	4.333	2.794	0.862	0.419	0.168	0.049
Temecula	250	10.380	6.738	4.614	1.612	0.828	0.347	0.105
Temecula	260	12.400	8.471	6.026	2.335	1.284	0.591	0.200
Temecula	270	11.384	7.582	5.301	1.969	1.057	0.472	0.154
Temecula	280	8.427	5.111	3.348	1.057	0.513	0.202	0.056
Temecula	290	6.075	3.373	2.108	0.629	0.307	0.125	0.038
Temecula	300	5.010	2.702	1.680	0.510	0.252	0.104	0.032
Temecula	310	4.585	2.444	1.514	0.458	0.226	0.094	0.029
Temecula	320	4.444	2.355	1.455	0.441	0.218	0.091	0.028
Temecula	330	4.522	2.396	1.481	0.448	0.222	0.092	0.028
Temecula	340	4.800	2.549	1.575	0.476	0.235	0.097	0.030
Temecula	350	5.310	2.824	1.744	0.524	0.259	0.107	0.033
Temecula	360	6.079	3.239	1.997	0.597	0.293	0.121	0.037
Upland	10	7.319	3.637	2.194	0.647	0.318	0.132	0.041
Upland	20	7.537	3.752	2.262	0.663	0.325	0.134	0.041
Upland	30	7.932	3.960	2.385	0.694	0.338	0.138	0.042
Upland	40	8.511	4.270	2.574	0.746	0.361	0.146	0.044
Upland	50	9.165	4.633	2.805	0.817	0.395	0.159	0.047
Upland	60	9.723	4.955	3.018	0.892	0.434	0.176	0.052
Upland	70	10.038	5.143	3.146	0.942	0.463	0.190	0.057
Upland	80	10.033	5.139	3.144	0.943	0.465	0.191	0.058
Upland	90	9.708	4.943	3.010	0.892	0.437	0.179	0.054
Upland	100	9.134	4.605	2.784	0.811	0.394	0.160	0.048
Upland	110	8.450	4.216	2.533	0.730	0.353	0.143	0.043
Upland	120	7.824	3.878	2.324	0.672	0.327	0.134	0.041
Upland	130	7.389	3.652	2.192	0.640	0.314	0.130	0.040
Upland	140	7.168	3.541	2.130	0.628	0.310	0.129	0.040
Upland	150	7.094	3.504	2.111	0.624	0.309	0.129	0.040
Upland	160	7.083	3.499	2.108	0.624	0.309	0.129	0.040

Table 4: Annual Receptor Proximity Adjustment Factors $\left(\frac{\mu g}{m^3} \cdot \frac{ton}{yr}\right)$ cont'd

Met Station	Angle	50 M	75 M	100 M	200 M	300 M	500 M	1,000 M
Upland	170	7.094	3.506	2.113	0.626	0.310	0.129	0.040
Upland	180	7.118	3.519	2.121	0.628	0.311	0.130	0.040
Upland	190	7.151	3.538	2.133	0.632	0.313	0.130	0.041
Upland	200	7.190	3.561	2.147	0.636	0.315	0.131	0.041
Upland	210	7.229	3.583	2.162	0.641	0.317	0.132	0.041
Upland	220	7.256	3.599	2.172	0.645	0.319	0.133	0.041
Upland	230	7.261	3.601	2.174	0.645	0.319	0.133	0.041
Upland	240	7.245	3.592	2.167	0.643	0.318	0.132	0.041
Upland	250	7.216	3.574	2.155	0.638	0.316	0.131	0.041
Upland	260	7.185	3.556	2.144	0.635	0.314	0.130	0.040
Upland	270	7.160	3.543	2.135	0.632	0.312	0.130	0.040
Upland	280	7.145	3.535	2.131	0.631	0.312	0.130	0.040
Upland	290	7.136	3.531	2.128	0.630	0.312	0.130	0.040
Upland	300	7.131	3.528	2.127	0.630	0.312	0.130	0.040
Upland	310	7.127	3.527	2.126	0.630	0.311	0.130	0.040
Upland	320	7.125	3.526	2.126	0.630	0.311	0.130	0.040
Upland	330	7.127	3.528	2.127	0.630	0.311	0.130	0.040
Upland	340	7.136	3.534	2.131	0.631	0.312	0.130	0.040
Upland	350	7.159	3.548	2.140	0.633	0.313	0.130	0.040
Upland	360	7.211	3.578	2.158	0.638	0.315	0.131	0.040
Van Nuys Arpt.	10	5.086	2.616	1.580	0.453	0.218	0.087	0.026
Van Nuys Arpt.	20	4.617	2.345	1.413	0.408	0.198	0.080	0.024
Van Nuys Arpt.	30	4.392	2.218	1.338	0.390	0.191	0.078	0.024
Van Nuys Arpt.	40	4.313	2.174	1.313	0.386	0.189	0.078	0.024
Van Nuys Arpt.	50	4.299	2.166	1.309	0.385	0.189	0.078	0.024
Van Nuys Arpt.	60	4.309	2.171	1.313	0.386	0.190	0.078	0.024
Van Nuys Arpt.	70	4.327	2.181	1.319	0.389	0.191	0.078	0.024
Van Nuys Arpt.	80	4.346	2.191	1.325	0.391	0.192	0.079	0.024
Van Nuys Arpt.	90	4.360	2.198	1.330	0.393	0.193	0.079	0.024
Van Nuys Arpt.	100	4.365	2.201	1.332	0.393	0.193	0.080	0.024
Van Nuys Arpt.	110	4.366	2.201	1.331	0.392	0.193	0.079	0.024
Van Nuys Arpt.	120	4.385	2.211	1.336	0.392	0.192	0.079	0.024
Van Nuys Arpt.	130	4.466	2.261	1.366	0.399	0.195	0.080	0.024
Van Nuys Arpt.	140	4.678	2.395	1.453	0.425	0.207	0.084	0.025
Van Nuys Arpt.	150	5.074	2.650	1.621	0.479	0.234	0.096	0.029
Van Nuys Arpt.	160	5.594	2.986	1.845	0.553	0.272	0.112	0.034
Van Nuys Arpt.	170	5.987	3.241	2.013	0.608	0.300	0.124	0.038
Van Nuys Arpt.	180	5.993	3.247	2.015	0.607	0.298	0.123	0.037
Van Nuys Arpt.	190	5.625	3.012	1.859	0.553	0.271	0.110	0.033
Van Nuys Arpt.	200	5.145	2.705	1.658	0.490	0.239	0.097	0.029
Van Nuys Arpt.	210	4.778	2.471	1.505	0.444	0.217	0.089	0.027
Van Nuys Arpt.	220	4.558	2.331	1.416	0.417	0.205	0.084	0.026
Van Nuys Arpt.	230	4.432	2.252	1.365	0.403	0.198	0.082	0.025
Van Nuys Arpt.	240	4.368	2.210	1.338	0.394	0.193	0.080	0.024

Table 4: Annual Receptor Proximity Adjustment Factors $\left(\frac{\mu g}{m^3} \frac{ton}{yr}\right)$ cont'd

Met Station	Angle	50 M	75 M	100 M	200 M	300 M	500 M	1,000 M
Van Nuys Arpt.	250	4.354	2.197	1.328	0.389	0.191	0.078	0.024
Van Nuys Arpt.	260	4.413	2.224	1.341	0.391	0.191	0.078	0.024
Van Nuys Arpt.	270	4.630	2.341	1.409	0.406	0.197	0.080	0.024
Van Nuys Arpt.	280	5.121	2.622	1.581	0.452	0.217	0.086	0.025
Van Nuys Arpt.	290	5.938	3.104	1.889	0.546	0.262	0.104	0.030
Van Nuys Arpt.	300	6.960	3.719	2.288	0.677	0.330	0.134	0.040
Van Nuys Arpt.	310	7.890	4.278	2.652	0.796	0.391	0.161	0.049
Van Nuys Arpt.	320	8.400	4.578	2.840	0.848	0.414	0.168	0.050
Van Nuys Arpt.	330	8.317	4.520	2.793	0.822	0.397	0.158	0.046
Van Nuys Arpt.	340	7.700	4.151	2.551	0.742	0.357	0.142	0.041
Van Nuys Arpt.	350	6.780	3.610	2.207	0.639	0.307	0.123	0.036
Van Nuys Arpt.	360	5.836	3.056	1.856	0.534	0.256	0.103	0.030

Table 5: Hourly Receptor Proximity Adjustment Factors $\left(\frac{\mu g}{lb/hr} \cdot m^3\right)$

Met Station	Angle	50 M	75 M	100 M	200 M	300 M	500 M	1,000 M
Anaheim	10	146.949	83.357	53.290	16.929	8.414	3.387	0.924
Anaheim	20	149.965	84.040	53.101	16.554	8.278	3.428	1.009
Anaheim	30	162.021	94.825	59.330	16.015	7.864	3.118	0.863
Anaheim	40	202.143	122.121	79.240	24.570	11.691	4.344	1.090
Anaheim	50	203.815	123.280	80.103	24.972	11.940	4.474	1.144
Anaheim	60	166.327	97.704	61.391	17.111	8.537	3.497	1.014
Anaheim	70	133.479	76.334	48.639	14.742	6.891	2.458	0.632
Anaheim	80	145.907	84.894	55.109	17.929	8.921	3.553	0.943
Anaheim	90	137.549	79.117	50.727	15.744	7.515	2.781	0.631
Anaheim	100	110.607	61.074	37.472	9.832	4.772	2.087	0.644
Anaheim	110	83.067	46.045	30.098	10.523	5.619	2.487	0.776
Anaheim	120	90.473	50.513	32.691	10.897	5.502	2.185	0.543
Anaheim	130	92.938	52.398	34.241	11.850	6.196	2.624	0.753
Anaheim	140	86.010	48.999	32.973	11.517	5.840	2.323	0.703
Anaheim	150	79.630	47.437	31.540	10.539	5.138	1.906	0.494
Anaheim	160	73.615	41.812	26.551	8.028	4.032	1.631	0.454
Anaheim	170	70.814	36.036	23.193	7.318	3.557	1.450	0.454
Anaheim	180	96.138	50.077	30.428	8.396	3.997	1.570	0.454
Anaheim	190	117.531	63.404	40.040	12.819	6.511	2.714	0.771
Anaheim	200	120.691	65.423	41.534	13.570	7.027	3.037	0.936
Anaheim	210	115.142	63.505	40.762	13.604	7.093	3.073	0.950
Anaheim	220	111.272	62.750	40.283	13.081	6.585	2.698	0.811
Anaheim	230	107.708	60.864	40.232	13.790	7.127	2.996	0.854
Anaheim	240	120.948	73.760	50.949	18.209	9.996	4.777	1.745
Anaheim	250	131.764	76.521	52.957	19.113	10.303	4.755	1.691
Anaheim	260	139.335	87.747	60.369	23.084	13.009	6.320	2.383
Anaheim	270	135.014	85.138	58.359	21.856	12.120	5.746	2.089
Anaheim	280	137.031	84.811	57.729	21.721	12.175	5.888	2.213
Anaheim	290	132.981	81.673	55.502	20.729	11.487	5.422	2.004
Anaheim	300	157.508	92.550	59.216	21.462	12.010	5.762	2.117
Anaheim	310	182.941	110.070	72.319	23.887	11.975	4.809	1.271
Anaheim	320	178.272	106.816	69.856	22.659	11.177	4.362	1.085
Anaheim	330	156.526	93.426	60.782	19.449	9.543	3.731	0.976
Anaheim	340	145.733	86.080	55.352	16.930	7.982	2.998	0.830
Anaheim	350	128.508	70.449	43.896	12.949	6.060	2.184	0.749
Anaheim	360	158.974	88.542	55.877	17.511	8.809	3.688	1.103
Azusa	10	128.637	74.261	47.736	17.096	9.325	4.301	1.471
Azusa	20	146.865	86.963	57.438	22.205	12.537	6.089	2.288
Azusa	30	151.316	91.207	59.920	19.852	10.864	5.014	1.702
Azusa	40	145.441	84.330	59.303	22.873	12.832	6.189	2.313
Azusa	50	169.642	95.573	61.678	24.263	13.793	6.736	2.540
Azusa	60	205.568	116.367	73.181	25.448	14.467	7.074	2.681
Azusa	70	244.713	149.714	97.145	30.601	15.079	7.245	2.742
Azusa	80	234.946	143.183	92.469	28.599	14.195	6.903	2.606

Table 5: Hourly Receptor Proximity Adjustment Factors $\left(\frac{\mu g}{lb/hr}\right)$ cont'd

Met Station	Angle	50 M	75 M	100 M	200 M	300 M	500 M	1,000 M
Azusa	90	180.354	110.174	71.116	24.171	13.661	6.602	2.436
Azusa	100	172.948	108.205	69.803	26.086	14.910	7.324	2.782
Azusa	110	166.135	104.687	67.577	24.717	14.096	6.914	2.626
Azusa	120	151.519	94.846	64.886	25.467	14.387	6.947	2.561
Azusa	130	162.233	96.366	61.360	17.774	8.692	3.653	1.091
Azusa	140	168.163	100.449	64.402	19.093	8.901	3.306	0.935
Azusa	150	155.671	91.884	58.050	16.273	7.428	3.005	0.954
Azusa	160	126.738	72.579	44.371	13.577	6.522	2.501	0.861
Azusa	170	141.449	78.243	48.793	14.438	6.853	2.571	0.676
Azusa	180	157.530	88.306	55.905	17.504	8.750	3.601	1.037
Azusa	190	169.202	107.076	70.978	22.930	11.212	4.335	1.073
Azusa	200	207.110	121.048	79.436	26.839	13.656	5.657	1.615
Azusa	210	204.415	119.360	76.263	23.846	11.838	4.854	1.403
Azusa	220	167.722	104.370	68.367	21.282	10.491	5.068	1.893
Azusa	230	201.675	127.625	85.465	29.125	15.038	6.405	1.928
Azusa	240	194.871	122.924	81.974	27.461	13.952	5.772	1.784
Azusa	250	150.245	92.602	59.889	17.693	9.795	4.613	1.632
Azusa	260	140.610	75.763	47.610	15.092	7.670	3.243	1.130
Azusa	270	137.642	79.166	55.493	20.768	11.389	5.326	1.896
Azusa	280	129.260	79.166	55.493	20.768	11.389	5.326	1.896
Azusa	290	122.564	68.639	46.027	17.192	9.651	4.657	1.735
Azusa	300	119.866	72.094	48.802	18.355	10.280	4.949	1.837
Azusa	310	115.049	68.565	45.246	14.904	7.797	3.371	1.014
Azusa	320	109.118	64.103	41.651	12.971	6.114	2.212	0.623
Azusa	330	119.323	68.520	44.403	14.659	7.437	3.061	0.904
Azusa	340	119.323	68.520	44.403	15.942	8.619	3.925	1.312
Azusa	350	112.713	70.649	48.208	18.099	10.117	4.877	1.827
Azusa	360	131.292	70.493	44.050	14.954	7.952	3.521	1.139
Banning	10	144.612	84.377	58.053	20.594	11.462	5.510	2.057
Banning	20	145.863	103.848	68.992	25.738	14.557	7.077	2.657
Banning	30	180.941	131.414	88.715	29.122	16.380	7.853	2.853
Banning	40	185.490	119.750	80.691	30.061	17.019	8.307	3.143
Banning	50	190.375	150.227	104.340	33.904	17.505	8.605	3.278
Banning	60	171.695	125.221	85.537	31.530	17.969	8.812	3.352
Banning	70	179.110	129.099	89.913	31.994	18.269	8.974	3.412
Banning	80	185.035	116.543	81.150	32.164	18.367	9.025	3.436
Banning	90	176.141	114.919	81.006	32.102	18.315	8.989	3.419
Banning	100	180.759	119.936	80.334	26.667	15.060	7.323	2.756
Banning	110	154.931	97.471	67.416	26.099	14.783	7.207	2.719
Banning	120	156.031	98.976	68.135	25.988	14.698	7.164	2.712
Banning	130	188.052	111.647	71.076	24.576	13.887	6.764	2.559
Banning	140	162.540	95.690	64.237	24.737	13.968	6.798	2.570
Banning	150	140.526	89.014	61.292	23.017	12.759	6.061	2.173
Banning	160	138.785	85.897	58.368	21.737	12.055	5.835	2.185

Table 5: Hourly Receptor Proximity Adjustment Factors $\left(\frac{\mu g}{lb/hr}\right)$ cont'd

Met Station	Angle	50 M	75 M	100 M	200 M	300 M	500 M	1,000 M
Banning	170	159.652	97.739	65.953	23.623	12.615	6.084	2.285
Banning	180	179.468	115.727	81.216	31.969	18.119	8.837	3.313
Banning	190	184.667	119.607	83.696	33.246	19.033	9.372	3.574
Banning	200	189.192	123.240	86.358	34.153	19.511	9.596	3.658
Banning	210	188.492	121.398	84.759	33.550	19.203	9.456	3.609
Banning	220	160.407	100.819	69.587	26.120	14.775	7.199	2.725
Banning	230	162.439	99.641	68.401	26.309	14.876	7.245	2.733
Banning	240	161.838	102.178	70.584	27.273	15.459	7.550	2.859
Banning	250	165.152	102.354	70.024	26.865	15.231	7.436	2.814
Banning	260	169.843	116.893	77.743	27.652	15.607	7.592	2.865
Banning	270	204.003	142.543	95.188	29.831	16.983	8.326	3.165
Banning	280	206.127	133.163	86.953	29.639	16.747	8.170	3.103
Banning	290	206.127	133.163	86.953	29.754	16.958	8.325	3.168
Banning	300	167.180	106.602	73.755	28.526	16.157	7.886	2.987
Banning	310	161.405	98.849	67.717	25.759	14.398	6.857	2.556
Banning	320	141.313	89.624	62.132	23.523	13.124	6.304	2.349
Banning	330	152.105	117.721	83.948	28.408	13.988	6.530	2.403
Banning	340	158.761	92.549	65.288	23.213	12.918	6.110	2.170
Banning	350	138.440	85.115	53.792	15.512	7.651	3.599	1.313
Banning	360	150.505	90.653	62.480	19.774	9.138	4.109	1.441
Burbank Arpt.	10	111.850	61.620	38.778	11.614	5.767	2.315	0.628
Burbank Arpt.	20	108.606	59.857	37.445	11.577	5.781	2.352	0.694
Burbank Arpt.	30	108.579	58.649	36.843	11.648	5.898	2.446	0.694
Burbank Arpt.	40	100.608	53.132	32.328	9.739	4.696	1.787	0.435
Burbank Arpt.	50	124.631	73.453	46.956	16.500	8.817	3.938	1.268
Burbank Arpt.	60	149.079	97.170	63.499	19.674	10.996	5.304	1.991
Burbank Arpt.	70	148.975	94.340	59.669	19.010	10.670	5.164	1.942
Burbank Arpt.	80	157.585	100.872	65.322	19.547	10.677	5.161	1.938
Burbank Arpt.	90	138.746	88.866	57.403	19.805	11.121	5.385	2.024
Burbank Arpt.	100	112.456	68.273	45.702	16.196	8.611	3.800	1.188
Burbank Arpt.	110	84.332	49.003	31.329	9.478	4.515	1.799	0.516
Burbank Arpt.	120	77.362	44.065	28.447	9.111	4.476	1.755	0.459
Burbank Arpt.	130	85.805	50.112	32.296	10.182	5.068	2.010	0.518
Burbank Arpt.	140	110.874	67.240	44.923	15.944	8.545	3.844	1.258
Burbank Arpt.	150	120.445	74.195	50.430	18.819	10.499	5.055	1.893
Burbank Arpt.	160	176.031	133.661	93.439	31.423	15.620	6.281	1.890
Burbank Arpt.	170	152.327	114.907	79.549	25.699	12.298	5.041	1.889
Burbank Arpt.	180	124.260	79.112	54.151	20.268	11.318	5.478	2.062
Burbank Arpt.	190	129.274	80.591	55.170	20.995	11.820	5.736	2.160
Burbank Arpt.	200	127.741	78.664	54.070	20.588	11.576	5.611	2.111
Burbank Arpt.	210	122.960	79.049	54.092	20.100	11.288	5.462	2.046
Burbank Arpt.	220	106.500	66.112	44.585	15.845	8.387	3.663	1.120
Burbank Arpt.	230	93.635	51.018	31.923	9.764	4.761	1.864	0.481
Burbank Arpt.	240	136.820	75.068	46.103	12.382	5.596	1.919	0.423

Table 5: Hourly Receptor Proximity Adjustment Factors $\left(\frac{\mu g}{lb/hr}\right)$ cont'd

Met Station	Angle	50 M	75 M	100 M	200 M	300 M	500 M	1,000 M
Burbank Arpt.	250	168.218	95.946	61.398	19.329	9.423	3.623	0.989
Burbank Arpt.	260	171.295	98.043	62.973	20.109	9.930	3.906	1.196
Burbank Arpt.	270	158.947	101.047	64.811	18.436	9.884	4.762	1.784
Burbank Arpt.	280	154.450	98.011	62.690	17.966	9.991	4.796	1.794
Burbank Arpt.	290	133.277	80.542	51.766	17.799	9.874	4.730	1.764
Burbank Arpt.	300	145.407	88.392	56.156	18.078	10.016	4.814	1.801
Burbank Arpt.	310	149.502	93.976	60.670	18.300	9.937	4.762	1.774
Burbank Arpt.	320	145.635	92.318	59.591	17.840	9.938	4.785	1.790
Burbank Arpt.	330	153.253	97.428	63.140	19.194	9.823	4.717	1.762
Burbank Arpt.	340	152.745	85.766	54.354	17.083	8.551	3.518	1.092
Burbank Arpt.	350	141.003	78.366	49.105	14.782	7.112	2.742	0.831
Burbank Arpt.	360	142.221	78.048	48.963	15.224	7.633	3.177	0.936
Catalina Arpt.	10	238.434	140.684	90.178	28.409	14.168	5.835	1.686
Catalina Arpt.	20	219.885	132.848	90.920	29.479	14.197	5.368	1.365
Catalina Arpt.	30	194.316	139.013	95.484	31.426	15.342	5.941	1.508
Catalina Arpt.	40	175.600	104.878	67.818	20.800	10.241	4.127	1.487
Catalina Arpt.	50	175.564	106.441	68.775	21.658	10.762	4.398	1.467
Catalina Arpt.	60	184.806	125.848	83.564	26.364	12.939	5.241	1.767
Catalina Arpt.	70	171.754	107.536	69.807	21.534	10.403	4.875	1.822
Catalina Arpt.	80	166.847	108.306	70.512	21.229	10.189	4.852	1.818
Catalina Arpt.	90	177.500	116.363	76.159	23.416	11.272	4.785	1.790
Catalina Arpt.	100	139.647	81.792	52.125	15.960	7.824	3.456	1.111
Catalina Arpt.	110	147.852	83.226	52.402	15.989	7.769	3.057	1.116
Catalina Arpt.	120	179.914	103.872	66.292	20.698	10.202	4.075	1.137
Catalina Arpt.	130	157.979	89.681	56.175	16.341	7.553	3.122	1.147
Catalina Arpt.	140	134.273	77.518	49.731	14.715	7.223	3.164	1.160
Catalina Arpt.	150	146.015	83.720	53.144	16.376	7.995	3.158	1.157
Catalina Arpt.	160	135.634	78.971	49.876	14.668	6.850	2.874	1.051
Catalina Arpt.	170	128.711	73.335	46.229	14.021	6.802	2.864	1.047
Catalina Arpt.	180	136.090	77.313	48.153	14.093	6.980	2.920	1.062
Catalina Arpt.	190	162.143	95.052	60.606	18.723	9.216	3.716	1.083
Catalina Arpt.	200	155.454	90.810	57.665	17.943	8.799	3.505	1.084
Catalina Arpt.	210	145.292	86.485	55.380	16.998	8.233	3.392	1.251
Catalina Arpt.	220	136.838	81.314	51.866	15.770	7.600	3.369	1.241
Catalina Arpt.	230	130.078	75.368	47.348	13.653	7.189	3.378	1.244
Catalina Arpt.	240	147.905	92.499	59.791	18.217	8.741	4.027	1.491
Catalina Arpt.	250	157.866	97.001	61.885	17.981	8.457	4.024	1.492
Catalina Arpt.	260	130.916	79.251	49.580	15.254	8.356	3.970	1.470
Catalina Arpt.	270	156.618	91.687	58.158	17.803	8.753	4.001	1.488
Catalina Arpt.	280	141.741	82.444	51.870	15.365	7.328	3.037	1.069
Catalina Arpt.	290	128.095	73.194	46.211	13.798	7.253	3.201	1.053
Catalina Arpt.	300	156.476	91.438	57.894	17.047	9.105	4.352	1.620
Catalina Arpt.	310	166.533	104.748	67.887	21.076	10.340	4.365	1.628
Catalina Arpt.	320	156.332	102.571	67.475	20.625	9.729	4.304	1.599

Table 5: Hourly Receptor Proximity Adjustment Factors $\left(\frac{\mu g}{lb/hr}\right)$ cont'd

Met Station	Angle	50 M	75 M	100 M	200 M	300 M	500 M	1,000 M
Catalina Arpt.	330	165.093	109.155	73.091	23.145	11.279	5.050	1.895
Catalina Arpt.	340	187.032	118.997	78.760	25.012	12.176	5.139	1.929
Catalina Arpt.	350	172.366	101.943	65.743	20.179	10.520	5.083	1.907
Catalina Arpt.	360	172.281	102.136	65.307	19.986	10.351	4.976	1.866
Central L.A.	10	117.208	76.688	52.585	18.745	9.785	4.143	1.182
Central L.A.	20	140.146	93.885	66.075	25.931	14.702	7.163	2.697
Central L.A.	30	129.913	86.153	59.960	22.581	12.356	5.667	1.892
Central L.A.	40	153.535	106.538	71.953	23.390	11.557	4.626	1.275
Central L.A.	50	156.979	104.363	72.973	27.433	14.788	6.540	2.006
Central L.A.	60	175.438	119.360	85.372	34.732	20.000	9.883	3.770
Central L.A.	70	148.421	97.546	67.443	24.383	12.724	5.331	1.475
Central L.A.	80	129.838	79.732	53.927	19.467	10.393	4.580	1.415
Central L.A.	90	142.335	89.313	61.683	23.943	13.583	6.629	2.503
Central L.A.	100	135.361	88.744	62.852	24.082	13.209	6.273	2.341
Central L.A.	110	169.390	112.247	78.942	30.785	17.206	8.109	2.941
Central L.A.	120	174.001	115.916	81.952	32.552	18.477	8.938	3.278
Central L.A.	130	165.583	108.684	76.540	30.510	17.461	8.586	3.262
Central L.A.	140	143.278	91.185	62.309	22.534	12.787	6.235	2.349
Central L.A.	150	152.349	97.636	68.493	27.045	15.422	7.566	2.876
Central L.A.	160	159.423	99.606	67.412	23.694	12.250	5.087	1.555
Central L.A.	170	187.295	121.477	85.193	33.827	19.347	9.510	3.611
Central L.A.	180	169.719	110.403	74.849	26.670	14.252	6.252	1.900
Central L.A.	190	232.368	163.769	118.139	48.092	27.584	13.542	5.104
Central L.A.	200	201.902	138.448	98.129	40.182	23.151	11.420	4.328
Central L.A.	210	178.752	121.074	85.451	32.692	17.796	7.979	2.775
Central L.A.	220	135.068	83.353	57.031	21.922	12.358	5.970	2.211
Central L.A.	230	164.375	107.096	74.955	28.856	16.260	7.778	2.794
Central L.A.	240	198.029	155.513	117.885	51.352	30.061	14.987	5.713
Central L.A.	250	227.660	164.765	121.086	51.108	29.785	14.873	5.732
Central L.A.	260	285.972	213.876	159.342	68.388	40.245	20.315	7.915
Central L.A.	270	265.081	216.225	166.910	74.749	44.225	22.292	8.618
Central L.A.	280	200.943	154.745	113.083	41.985	22.644	11.219	4.295
Central L.A.	290	196.578	134.258	95.785	38.204	21.557	10.271	3.635
Central L.A.	300	196.578	134.258	107.615	50.569	29.646	14.471	5.196
Central L.A.	310	140.011	119.491	97.886	44.391	25.237	11.689	3.781
Central L.A.	320	95.413	54.906	38.317	14.048	7.268	3.122	1.131
Central L.A.	330	109.797	62.611	40.618	13.172	6.444	2.438	0.688
Central L.A.	340	115.966	67.545	44.736	15.659	8.197	3.492	1.017
Central L.A.	350	113.558	65.602	43.103	14.648	7.470	3.039	0.820
Central L.A.	360	105.097	57.989	37.316	12.520	6.529	2.814	0.850
Chino Arpt.	10	224.807	141.763	91.633	30.126	16.979	8.276	3.142
Chino Arpt.	20	208.511	127.550	81.793	29.650	16.917	8.303	3.155
Chino Arpt.	30	223.422	140.087	91.145	33.777	19.333	9.496	3.595
Chino Arpt.	40	211.839	149.775	101.916	34.450	19.760	9.740	3.714

Table 5: Hourly Receptor Proximity Adjustment Factors $\left(\frac{\mu g}{lb/hr}\right)$ cont'd

Met Station	Angle	50 M	75 M	100 M	200 M	300 M	500 M	1,000 M
Chino Arpt.	50	222.399	155.576	102.816	34.600	19.795	9.743	3.718
Chino Arpt.	60	208.867	143.750	99.189	36.228	20.827	10.288	3.936
Chino Arpt.	70	198.199	147.267	100.148	36.611	21.049	10.395	3.970
Chino Arpt.	80	231.367	159.700	103.502	37.346	21.352	10.482	3.986
Chino Arpt.	90	231.367	159.700	103.502	36.623	21.030	10.377	3.960
Chino Arpt.	100	200.435	150.963	109.896	37.252	20.319	9.986	3.802
Chino Arpt.	110	188.176	123.026	86.255	34.593	19.846	9.792	3.741
Chino Arpt.	120	197.841	124.891	86.207	34.681	19.865	9.762	3.698
Chino Arpt.	130	167.600	99.553	67.949	24.967	13.221	5.682	1.699
Chino Arpt.	140	166.213	99.094	63.601	19.826	9.810	3.992	1.332
Chino Arpt.	150	189.065	116.913	76.191	24.173	11.973	4.831	1.416
Chino Arpt.	160	173.743	106.677	68.920	21.132	10.138	3.863	1.423
Chino Arpt.	170	119.213	69.187	43.145	14.872	8.168	3.880	1.435
Chino Arpt.	180	169.087	104.180	67.862	21.271	10.304	3.987	1.478
Chino Arpt.	190	181.688	115.095	75.831	24.174	11.980	4.857	1.333
Chino Arpt.	200	186.585	118.456	78.267	26.255	14.066	6.181	1.880
Chino Arpt.	210	182.980	119.787	84.970	34.093	19.550	9.640	3.683
Chino Arpt.	220	190.515	123.218	86.759	34.468	19.684	9.654	3.652
Chino Arpt.	230	191.755	125.405	96.978	34.565	19.429	9.564	3.644
Chino Arpt.	240	230.708	175.222	133.173	50.684	25.857	10.563	3.782
Chino Arpt.	250	209.266	158.253	105.916	35.152	20.138	9.920	3.780
Chino Arpt.	260	229.310	176.021	121.919	39.635	19.718	9.725	3.713
Chino Arpt.	270	187.303	125.827	85.866	34.246	19.585	9.637	3.677
Chino Arpt.	280	187.121	127.571	87.105	34.794	19.910	9.797	3.732
Chino Arpt.	290	188.451	122.091	85.666	34.107	19.442	9.561	3.650
Chino Arpt.	300	185.217	136.909	94.945	33.793	19.296	9.462	3.578
Chino Arpt.	310	198.628	153.164	106.577	34.730	16.820	7.789	2.951
Chino Arpt.	320	156.149	106.734	72.673	27.413	15.551	7.600	2.883
Chino Arpt.	330	161.178	103.824	72.255	28.219	16.039	7.853	2.982
Chino Arpt.	340	185.317	143.643	100.478	32.994	16.250	7.931	2.998
Chino Arpt.	350	173.019	133.653	93.031	29.931	16.206	7.936	3.011
Chino Arpt.	360	206.226	128.728	83.494	30.168	17.204	8.442	3.207
Desert Hot Springs Arpt.	10	132.518	78.016	49.741	15.283	7.564	3.568	1.314
Desert Hot Springs Arpt.	20	138.243	80.159	50.139	14.142	7.527	3.567	1.318
Desert Hot Springs Arpt.	30	145.119	81.755	51.263	14.777	7.832	3.724	1.379
Desert Hot Springs Arpt.	40	158.352	88.683	55.511	16.937	8.369	3.696	1.363
Desert Hot Springs Arpt.	50	127.679	76.559	48.537	14.299	7.827	3.703	1.363
Desert Hot Springs Arpt.	60	142.096	84.594	54.198	16.167	8.342	3.979	1.478
Desert Hot Springs Arpt.	70	185.016	105.428	65.878	18.524	8.191	3.899	1.446
Desert Hot Springs Arpt.	80	219.645	128.683	82.827	26.080	12.763	4.981	1.499
Desert Hot Springs Arpt.	90	196.038	112.749	71.154	20.780	11.444	5.492	2.052
Desert Hot Springs Arpt.	100	140.082	92.827	61.164	20.534	11.466	5.530	2.075
Desert Hot Springs Arpt.	110	152.708	92.186	58.443	20.486	11.358	5.467	2.043
Desert Hot Springs Arpt.	120	143.540	92.054	59.242	20.493	11.450	5.522	2.071

Table 5: Hourly Receptor Proximity Adjustment Factors $\left(\frac{\mu g}{lb/hr}\right)$ cont'd

Met Station	Angle	50 M	75 M	100 M	200 M	300 M	500 M	1,000 M
Desert Hot Springs Arpt.	130	189.798	131.627	87.535	26.430	12.220	5.365	2.002
Desert Hot Springs Arpt.	140	236.480	165.885	112.175	36.231	17.827	7.123	1.978
Desert Hot Springs Arpt.	150	169.650	116.988	77.149	22.517	10.835	5.217	1.953
Desert Hot Springs Arpt.	160	135.193	74.434	46.329	15.990	8.476	3.742	1.185
Desert Hot Springs Arpt.	170	137.955	80.140	50.858	15.272	7.247	3.017	1.096
Desert Hot Springs Arpt.	180	129.974	73.619	46.229	13.336	6.369	2.982	1.090
Desert Hot Springs Arpt.	190	156.458	87.188	54.939	17.102	8.554	3.551	1.054
Desert Hot Springs Arpt.	200	138.379	76.126	47.255	13.897	6.599	2.576	0.933
Desert Hot Springs Arpt.	210	140.817	80.989	51.372	15.622	7.497	2.877	1.044
Desert Hot Springs Arpt.	220	131.524	74.973	47.087	13.785	6.399	2.866	1.042
Desert Hot Springs Arpt.	230	113.340	64.417	40.596	13.992	7.504	3.386	1.117
Desert Hot Springs Arpt.	240	115.960	68.391	45.439	16.148	8.848	4.248	1.584
Desert Hot Springs Arpt.	250	117.479	70.178	46.638	16.719	9.171	4.385	1.632
Desert Hot Springs Arpt.	260	145.374	83.709	52.172	16.694	9.225	4.395	1.620
Desert Hot Springs Arpt.	270	186.752	109.312	69.573	21.475	10.600	4.395	1.637
Desert Hot Springs Arpt.	280	167.997	97.646	61.571	18.334	8.765	3.623	1.331
Desert Hot Springs Arpt.	290	142.547	84.861	54.299	16.379	7.752	3.569	1.316
Desert Hot Springs Arpt.	300	158.047	88.864	55.043	15.960	7.564	3.552	1.305
Desert Hot Springs Arpt.	310	181.295	106.006	67.636	21.021	10.414	4.252	1.326
Desert Hot Springs Arpt.	320	170.314	103.007	66.431	20.708	10.169	4.062	1.342
Desert Hot Springs Arpt.	330	172.148	98.522	63.274	19.408	9.451	3.835	1.304
Desert Hot Springs Arpt.	340	166.831	94.850	59.816	18.197	8.877	3.527	1.098
Desert Hot Springs Arpt.	350	130.761	76.294	48.583	14.660	6.963	3.008	1.097
Desert Hot Springs Arpt.	360	119.900	69.928	44.457	13.897	7.572	3.569	1.314
Fontana	10	172.683	112.097	74.530	23.241	10.941	3.982	1.269
Fontana	20	180.572	106.119	70.063	21.249	9.755	3.643	1.284
Fontana	30	171.263	113.424	75.733	23.569	10.965	3.882	1.284
Fontana	40	191.130	127.875	86.502	28.376	13.840	5.329	1.374
Fontana	50	222.386	143.964	95.546	30.955	15.403	6.244	1.747
Fontana	60	206.036	134.858	87.639	26.508	12.738	5.180	1.885
Fontana	70	247.310	164.430	108.981	33.726	15.984	5.997	1.912
Fontana	80	204.481	139.194	95.133	29.557	13.632	5.182	1.939
Fontana	90	209.136	140.863	94.908	30.091	14.424	6.533	2.455
Fontana	100	198.856	128.790	85.071	27.314	13.603	5.973	2.252
Fontana	110	164.002	97.788	62.988	21.158	11.743	5.635	2.116
Fontana	120	165.151	95.663	61.217	21.991	12.284	5.923	2.222
Fontana	130	173.000	98.966	61.196	19.735	11.076	5.356	2.005
Fontana	140	153.269	90.254	57.286	20.933	11.744	5.683	2.135
Fontana	150	230.711	158.411	105.835	32.068	14.649	5.090	1.785
Fontana	160	270.777	188.179	127.788	41.367	20.046	7.721	1.979
Fontana	170	227.602	156.118	104.161	33.327	16.498	6.607	1.823
Fontana	180	181.906	127.051	85.732	27.008	12.840	4.800	1.736
Fontana	190	181.342	110.525	70.730	20.503	10.124	4.863	1.815
Fontana	200	193.700	118.951	76.827	23.091	10.805	4.844	1.808

Table 5: Hourly Receptor Proximity Adjustment Factors $\left(\frac{\mu g}{lb/hr}\right)$ cont'd

Met Station	Angle	50 M	75 M	100 M	200 M	300 M	500 M	1,000 M
Fontana	210	237.606	149.037	97.322	29.995	14.218	5.273	1.820
Fontana	220	217.630	135.080	87.141	26.451	12.811	4.894	1.670
Fontana	230	241.875	155.736	102.508	32.886	16.445	6.835	2.044
Fontana	240	161.661	101.597	64.797	19.821	9.440	4.356	1.607
Fontana	250	143.729	87.841	56.868	16.846	8.205	3.870	1.415
Fontana	260	180.574	113.478	73.516	21.943	10.136	4.011	1.483
Fontana	270	218.760	139.859	92.497	29.957	14.934	6.053	1.671
Fontana	280	167.615	104.648	67.261	19.458	8.729	3.124	1.148
Fontana	290	133.197	74.842	46.652	13.409	6.766	3.185	1.170
Fontana	300	118.623	64.529	39.357	12.502	6.764	3.167	1.158
Fontana	310	119.259	66.804	41.444	12.439	5.996	2.552	0.919
Fontana	320	124.124	70.061	43.841	12.679	5.981	2.636	0.916
Fontana	330	143.462	86.312	54.531	15.275	7.271	3.439	1.266
Fontana	340	195.812	121.217	79.237	25.368	12.626	5.119	1.418
Fontana	350	173.802	106.404	68.643	20.868	9.896	3.677	1.229
Fontana	360	144.566	92.021	59.674	16.852	7.367	3.466	1.267
Fullerton Arpt.	10	172.434	96.497	60.518	18.531	9.160	3.751	1.083
Fullerton Arpt.	20	165.848	92.493	57.771	17.403	8.472	3.372	0.972
Fullerton Arpt.	30	152.463	81.685	49.136	14.099	6.944	2.940	0.948
Fullerton Arpt.	40	216.483	121.481	77.005	24.196	12.032	4.858	1.293
Fullerton Arpt.	50	223.230	125.795	80.119	25.660	12.996	5.436	1.568
Fullerton Arpt.	60	168.161	91.240	57.676	17.881	8.543	3.206	0.962
Fullerton Arpt.	70	138.161	78.910	50.735	16.114	7.879	3.050	0.854
Fullerton Arpt.	80	128.213	72.036	45.519	13.540	6.765	2.882	0.893
Fullerton Arpt.	90	159.211	91.363	58.172	18.055	8.817	3.455	0.894
Fullerton Arpt.	100	159.211	91.363	58.172	18.055	8.817	3.455	0.894
Fullerton Arpt.	110	128.722	71.648	44.797	13.214	6.192	2.244	0.796
Fullerton Arpt.	120	145.621	82.481	52.550	16.663	8.350	3.419	0.955
Fullerton Arpt.	130	120.882	66.698	41.309	12.438	6.092	2.388	0.618
Fullerton Arpt.	140	115.037	64.049	40.694	12.850	6.357	2.535	0.679
Fullerton Arpt.	150	101.227	56.902	36.422	11.309	5.382	1.994	0.552
Fullerton Arpt.	160	125.625	72.698	46.166	13.203	5.775	2.116	0.611
Fullerton Arpt.	170	144.593	84.810	55.513	17.793	8.613	3.237	0.869
Fullerton Arpt.	180	191.092	108.554	69.322	21.846	10.749	4.205	1.042
Fullerton Arpt.	190	199.794	114.366	73.635	23.956	12.143	5.015	1.400
Fullerton Arpt.	200	166.644	92.521	57.637	16.496	7.418	2.462	0.609
Fullerton Arpt.	210	136.572	76.951	49.113	15.546	7.656	3.013	0.820
Fullerton Arpt.	220	122.407	67.485	42.106	12.227	5.748	2.286	0.592
Fullerton Arpt.	230	129.000	79.436	53.511	19.123	10.259	4.583	1.464
Fullerton Arpt.	240	154.127	110.906	75.053	23.821	13.353	6.452	2.416
Fullerton Arpt.	250	167.853	122.664	83.413	26.545	13.549	6.592	2.490
Fullerton Arpt.	260	167.853	122.664	83.413	26.545	13.485	6.535	2.453
Fullerton Arpt.	270	208.871	136.417	88.278	25.334	13.191	6.358	2.397
Fullerton Arpt.	280	201.202	131.040	84.476	23.869	12.984	6.264	2.353

Table 5: Hourly Receptor Proximity Adjustment Factors $\left(\frac{\mu g}{lb/hr}\right)$ cont'd

Met Station	Angle	50 M	75 M	100 M	200 M	300 M	500 M	1,000 M
Fullerton Arpt.	290	177.793	116.190	75.915	22.726	12.740	6.181	2.331
Fullerton Arpt.	300	141.915	86.752	59.432	22.492	12.611	6.092	2.281
Fullerton Arpt.	310	127.118	75.709	50.344	17.719	9.399	4.135	1.297
Fullerton Arpt.	320	126.903	71.722	45.930	14.357	6.922	2.613	0.757
Fullerton Arpt.	330	121.589	67.818	42.854	12.751	5.887	2.290	0.608
Fullerton Arpt.	340	140.444	77.320	48.761	15.249	7.596	3.084	0.899
Fullerton Arpt.	350	137.010	75.141	47.192	14.530	7.135	2.823	0.735
Fullerton Arpt.	360	134.213	73.957	45.902	13.715	6.867	2.856	0.953
Hawthorne Arpt.	10	68.151	34.233	21.384	7.089	3.563	1.414	0.436
Hawthorne Arpt.	20	68.151	37.403	24.013	7.319	3.345	1.393	0.436
Hawthorne Arpt.	30	72.282	40.946	27.074	9.196	4.622	1.829	0.496
Hawthorne Arpt.	40	84.187	48.311	31.033	9.850	5.230	2.274	0.675
Hawthorne Arpt.	50	115.458	72.678	46.350	15.110	8.096	3.636	1.192
Hawthorne Arpt.	60	162.601	102.507	66.416	20.554	10.075	4.793	1.794
Hawthorne Arpt.	70	146.897	92.820	59.874	18.002	10.033	4.826	1.805
Hawthorne Arpt.	80	156.852	100.241	64.997	19.861	9.979	4.805	1.802
Hawthorne Arpt.	90	167.988	107.916	70.297	21.904	10.779	4.784	1.792
Hawthorne Arpt.	100	114.658	69.773	43.686	14.779	7.869	3.491	1.107
Hawthorne Arpt.	110	129.485	71.307	45.059	14.271	7.206	3.005	0.883
Hawthorne Arpt.	120	121.534	66.316	41.491	12.656	6.175	2.423	0.626
Hawthorne Arpt.	130	99.017	54.405	34.395	10.718	5.225	2.033	0.543
Hawthorne Arpt.	140	95.025	51.703	32.362	9.715	4.584	1.683	0.475
Hawthorne Arpt.	150	89.777	49.777	31.413	9.671	4.687	1.822	0.490
Hawthorne Arpt.	160	90.921	49.443	31.082	9.727	4.843	1.968	0.550
Hawthorne Arpt.	170	92.346	51.124	32.188	9.761	4.669	1.784	0.493
Hawthorne Arpt.	180	90.090	49.621	31.076	9.243	4.349	1.615	0.449
Hawthorne Arpt.	190	77.142	41.186	24.968	6.943	3.332	1.399	0.436
Hawthorne Arpt.	200	68.151	35.330	21.443	6.504	3.284	1.393	0.436
Hawthorne Arpt.	210	70.749	37.380	22.648	6.504	3.284	1.393	0.436
Hawthorne Arpt.	220	92.133	49.606	30.744	9.004	4.185	1.498	0.436
Hawthorne Arpt.	230	98.967	54.079	34.025	10.547	5.155	2.018	0.542
Hawthorne Arpt.	240	88.839	47.477	29.202	8.758	4.218	1.706	0.465
Hawthorne Arpt.	250	89.909	49.128	31.768	10.303	5.150	2.121	0.588
Hawthorne Arpt.	260	120.708	72.547	44.865	15.733	8.453	3.802	1.237
Hawthorne Arpt.	270	148.232	97.644	64.082	19.760	10.322	4.990	1.875
Hawthorne Arpt.	280	163.442	108.331	71.278	21.871	10.407	5.009	1.882
Hawthorne Arpt.	290	142.488	86.960	54.491	19.046	10.642	5.126	1.914
Hawthorne Arpt.	300	162.724	102.358	66.261	20.296	10.020	4.836	1.807
Hawthorne Arpt.	310	106.519	65.031	42.199	14.818	7.871	3.483	1.101
Hawthorne Arpt.	320	81.284	45.717	29.321	9.280	4.608	1.836	0.482
Hawthorne Arpt.	330	68.151	34.233	21.073	7.123	3.642	1.465	0.436
Hawthorne Arpt.	340	68.151	34.306	22.686	8.199	4.471	2.029	0.654
Hawthorne Arpt.	350	68.151	34.233	21.602	7.467	3.901	1.634	0.483
Hawthorne Arpt.	360	68.151	34.233	22.056	7.500	3.857	1.595	0.457

Table 5: Hourly Receptor Proximity Adjustment Factors $\left(\frac{\mu g}{lb/hr}\right)$ cont'd

Met Station	Angle	50 M	75 M	100 M	200 M	300 M	500 M	1,000 M
John Wayne Int'l Arpt.	10	163.880	103.597	72.196	28.305	16.116	7.902	3.004
John Wayne Int'l Arpt.	20	204.310	138.506	91.814	28.712	15.978	7.827	2.970
John Wayne Int'l Arpt.	30	187.363	126.337	83.180	27.476	15.587	7.617	2.889
John Wayne Int'l Arpt.	40	143.699	88.007	58.347	21.156	11.253	4.934	1.570
John Wayne Int'l Arpt.	50	105.002	60.366	39.120	12.875	6.488	2.632	0.707
John Wayne Int'l Arpt.	60	110.870	59.900	37.878	12.031	5.994	2.379	0.636
John Wayne Int'l Arpt.	70	114.715	62.491	39.854	13.077	6.719	2.823	0.810
John Wayne Int'l Arpt.	80	99.851	52.625	32.431	9.338	4.239	1.706	0.463
John Wayne Int'l Arpt.	90	103.214	56.229	35.854	11.727	5.978	2.466	0.673
John Wayne Int'l Arpt.	100	101.528	55.072	34.962	11.245	5.643	2.298	0.632
John Wayne Int'l Arpt.	110	99.488	54.459	34.577	11.123	5.611	2.298	0.632
John Wayne Int'l Arpt.	120	85.173	45.083	27.664	7.845	3.610	1.432	0.446
John Wayne Int'l Arpt.	130	68.802	37.440	23.923	7.866	4.005	1.644	0.446
John Wayne Int'l Arpt.	140	69.609	38.017	24.379	8.126	4.190	1.760	0.498
John Wayne Int'l Arpt.	150	70.388	36.950	23.088	7.556	3.692	1.430	0.446
John Wayne Int'l Arpt.	160	80.783	44.279	28.395	9.376	4.764	1.936	0.505
John Wayne Int'l Arpt.	170	89.805	46.172	28.966	9.708	5.002	2.085	0.575
John Wayne Int'l Arpt.	180	109.188	57.926	36.257	11.535	5.878	2.492	0.742
John Wayne Int'l Arpt.	190	109.188	57.926	36.257	11.535	5.878	2.492	0.742
John Wayne Int'l Arpt.	200	93.286	49.247	30.107	10.030	5.282	2.374	0.793
John Wayne Int'l Arpt.	210	141.402	78.986	49.350	14.486	6.773	2.841	1.040
John Wayne Int'l Arpt.	220	154.924	87.671	55.549	17.188	8.430	3.338	1.042
John Wayne Int'l Arpt.	230	136.536	86.031	58.820	21.560	11.605	5.178	1.635
John Wayne Int'l Arpt.	240	156.196	98.084	67.685	26.433	15.029	7.358	2.793
John Wayne Int'l Arpt.	250	156.175	99.670	69.146	26.921	15.287	7.475	2.832
John Wayne Int'l Arpt.	260	168.592	108.340	70.625	26.411	15.017	7.352	2.790
John Wayne Int'l Arpt.	270	154.386	96.477	67.013	26.030	14.745	7.167	2.676
John Wayne Int'l Arpt.	280	135.915	82.732	55.686	19.932	10.599	4.646	1.433
John Wayne Int'l Arpt.	290	143.196	87.292	58.910	21.324	11.453	5.106	1.619
John Wayne Int'l Arpt.	300	169.842	108.035	70.222	25.882	14.674	7.169	2.715
John Wayne Int'l Arpt.	310	156.754	100.140	66.726	25.974	14.747	7.208	2.729
John Wayne Int'l Arpt.	320	156.452	97.461	66.882	25.949	14.725	7.199	2.730
John Wayne Int'l Arpt.	330	157.671	97.997	67.679	26.289	14.937	7.317	2.778
John Wayne Int'l Arpt.	340	174.717	105.782	69.266	26.679	15.078	7.382	2.802
John Wayne Int'l Arpt.	350	156.945	103.414	68.854	26.754	15.167	7.395	2.795
John Wayne Int'l Arpt.	360	164.801	102.267	71.176	27.856	15.879	7.787	2.955
Long Beach Arpt.	10	104.323	56.973	35.864	11.239	5.585	2.287	0.668
Long Beach Arpt.	20	102.101	56.220	35.401	10.921	5.316	2.073	0.603
Long Beach Arpt.	30	94.383	49.779	30.760	9.361	4.696	1.947	0.559
Long Beach Arpt.	40	70.761	36.159	23.523	7.736	3.852	1.638	0.487
Long Beach Arpt.	50	68.698	35.622	23.061	7.468	3.794	1.668	0.537
Long Beach Arpt.	60	68.698	37.393	24.061	8.142	4.261	1.835	0.547
Long Beach Arpt.	70	84.742	50.107	32.502	10.184	4.945	1.915	0.507
Long Beach Arpt.	80	107.965	66.837	45.255	16.234	8.737	3.939	1.283

Table 5: Hourly Receptor Proximity Adjustment Factors $\left(\frac{\mu g}{lb/hr}\right)$ cont'd

Met Station	Angle	50 M	75 M	100 M	200 M	300 M	500 M	1,000 M
Long Beach Arpt.	90	128.661	81.910	52.809	19.298	10.798	5.212	1.957
Long Beach Arpt.	100	174.802	114.746	74.930	23.078	11.227	5.412	2.037
Long Beach Arpt.	110	146.614	94.222	61.426	19.920	11.127	5.358	2.011
Long Beach Arpt.	120	152.859	97.905	64.196	23.390	13.244	6.462	2.447
Long Beach Arpt.	130	180.176	125.775	84.218	26.550	13.069	6.376	2.414
Long Beach Arpt.	140	140.708	95.610	61.644	23.269	13.140	6.417	2.430
Long Beach Arpt.	150	135.654	87.080	60.516	23.386	13.212	6.429	2.428
Long Beach Arpt.	160	144.280	95.569	62.629	23.202	13.107	6.369	2.397
Long Beach Arpt.	170	139.392	88.930	61.524	23.751	13.424	6.528	2.455
Long Beach Arpt.	180	132.150	84.582	58.912	22.821	12.952	6.325	2.392
Long Beach Arpt.	190	117.665	74.149	50.873	18.800	10.173	4.578	1.472
Long Beach Arpt.	200	116.174	63.907	40.871	13.512	7.009	3.018	0.925
Long Beach Arpt.	210	111.707	60.948	38.647	12.370	6.229	2.543	0.696
Long Beach Arpt.	220	93.379	49.156	30.014	8.332	3.703	1.455	0.450
Long Beach Arpt.	230	96.618	51.404	30.824	10.345	5.490	2.469	0.825
Long Beach Arpt.	240	109.107	61.978	38.920	11.702	6.322	2.981	1.093
Long Beach Arpt.	250	110.269	61.865	38.245	12.183	6.627	3.116	1.141
Long Beach Arpt.	260	135.839	78.103	48.857	17.922	9.676	4.351	1.401
Long Beach Arpt.	270	141.841	82.360	56.625	21.651	12.161	5.896	2.229
Long Beach Arpt.	280	132.384	84.546	58.259	22.291	12.556	6.096	2.298
Long Beach Arpt.	290	148.464	94.682	61.142	22.400	12.643	6.141	2.306
Long Beach Arpt.	300	158.071	99.893	63.588	22.194	12.446	5.981	2.200
Long Beach Arpt.	310	129.157	80.672	50.384	16.975	9.088	4.026	1.258
Long Beach Arpt.	320	117.664	64.793	40.350	11.863	5.562	2.240	0.679
Long Beach Arpt.	330	136.652	74.238	46.502	14.335	7.070	2.816	0.736
Long Beach Arpt.	340	143.507	78.528	49.584	15.762	8.005	3.366	0.992
Long Beach Arpt.	350	117.535	62.480	38.767	12.261	6.211	2.595	0.761
Long Beach Arpt.	360	103.327	56.427	35.528	11.140	5.539	2.232	0.657
Los Angeles Int'l Arpt.	10	176.871	115.044	75.160	23.025	11.028	4.412	1.645
Los Angeles Int'l Arpt.	20	139.445	88.498	57.094	16.867	9.270	4.424	1.648
Los Angeles Int'l Arpt.	30	135.985	83.719	53.713	17.052	9.428	4.516	1.686
Los Angeles Int'l Arpt.	40	129.754	82.295	53.304	17.230	9.558	4.580	1.708
Los Angeles Int'l Arpt.	50	183.132	125.989	84.187	26.752	13.118	5.268	1.701
Los Angeles Int'l Arpt.	60	175.329	114.351	73.785	21.686	10.241	4.716	1.758
Los Angeles Int'l Arpt.	70	221.690	145.621	95.028	29.229	14.230	5.734	1.768
Los Angeles Int'l Arpt.	80	165.006	107.734	70.330	21.660	10.516	4.781	1.789
Los Angeles Int'l Arpt.	90	161.342	108.254	71.270	21.936	10.565	4.702	1.756
Los Angeles Int'l Arpt.	100	132.923	82.202	52.734	17.506	9.706	4.664	1.743
Los Angeles Int'l Arpt.	110	147.315	95.399	62.161	18.989	9.874	4.731	1.766
Los Angeles Int'l Arpt.	120	146.723	93.102	60.214	18.493	9.602	4.572	1.702
Los Angeles Int'l Arpt.	130	130.600	74.827	47.020	17.082	9.456	4.531	1.691
Los Angeles Int'l Arpt.	140	132.676	76.086	46.230	16.788	9.282	4.464	1.670
Los Angeles Int'l Arpt.	150	114.645	68.600	45.593	16.689	9.219	4.394	1.631
Los Angeles Int'l Arpt.	160	144.052	91.926	59.692	18.239	9.020	4.331	1.616

Table 5: Hourly Receptor Proximity Adjustment Factors $\left(\frac{\mu g}{lb/hr}\right)$ cont'd

Met Station	Angle	50 M	75 M	100 M	200 M	300 M	500 M	1,000 M
Los Angeles Int'l Arpt.	170	152.179	96.681	62.842	19.187	9.162	4.297	1.592
Los Angeles Int'l Arpt.	180	132.681	86.036	55.856	16.848	9.352	4.485	1.673
Los Angeles Int'l Arpt.	190	154.801	101.193	66.403	20.753	10.149	4.506	1.682
Los Angeles Int'l Arpt.	200	115.334	70.857	47.725	17.484	9.678	4.628	1.724
Los Angeles Int'l Arpt.	210	116.437	72.806	46.779	17.035	9.383	4.498	1.683
Los Angeles Int'l Arpt.	220	114.792	72.515	47.117	17.300	9.594	4.596	1.714
Los Angeles Int'l Arpt.	230	175.999	116.304	76.603	23.973	11.725	4.698	1.691
Los Angeles Int'l Arpt.	240	145.422	95.242	61.922	20.811	11.700	5.671	2.136
Los Angeles Int'l Arpt.	250	126.157	79.947	54.986	20.787	11.722	5.695	2.146
Los Angeles Int'l Arpt.	260	146.357	99.296	65.666	21.044	11.875	5.775	2.180
Los Angeles Int'l Arpt.	270	149.021	93.407	60.087	20.913	11.748	5.688	2.139
Los Angeles Int'l Arpt.	280	167.658	131.211	91.330	29.521	14.156	5.423	2.043
Los Angeles Int'l Arpt.	290	158.389	123.979	86.018	27.420	12.986	5.474	2.062
Los Angeles Int'l Arpt.	300	182.070	128.301	86.870	27.565	13.172	5.396	2.029
Los Angeles Int'l Arpt.	310	166.862	117.002	78.656	24.232	11.276	4.399	1.641
Los Angeles Int'l Arpt.	320	172.684	110.316	71.619	22.181	10.891	4.444	1.626
Los Angeles Int'l Arpt.	330	142.843	88.259	56.653	16.994	9.169	4.376	1.631
Los Angeles Int'l Arpt.	340	142.533	89.108	57.866	17.580	9.369	4.484	1.671
Los Angeles Int'l Arpt.	350	139.171	90.189	58.456	17.472	9.068	4.357	1.627
Los Angeles Int'l Arpt.	360	176.871	115.044	75.160	23.025	11.028	4.349	1.619
Mission Viejo	10	159.797	102.505	71.205	27.675	15.662	7.606	2.839
Mission Viejo	20	167.133	100.132	69.975	27.530	15.680	7.684	2.916
Mission Viejo	30	170.925	99.103	68.195	26.402	14.870	7.167	2.696
Mission Viejo	40	211.690	121.287	77.242	23.721	11.428	4.647	1.492
Mission Viejo	50	235.655	137.028	88.789	29.102	14.882	6.289	1.883
Mission Viejo	60	212.597	126.321	83.711	26.554	12.870	4.957	1.238
Mission Viejo	70	213.399	139.547	93.302	30.683	15.367	6.270	1.767
Mission Viejo	80	224.723	146.605	97.711	31.485	15.389	6.017	1.582
Mission Viejo	90	218.981	142.555	94.744	30.188	14.613	5.621	1.430
Mission Viejo	100	187.212	113.214	73.235	22.900	11.145	4.344	1.121
Mission Viejo	110	151.130	95.604	63.127	20.078	9.717	3.744	0.971
Mission Viejo	120	162.563	95.600	60.960	17.961	8.274	3.017	1.001
Mission Viejo	130	213.776	120.322	76.208	23.877	11.899	4.875	1.385
Mission Viejo	140	217.108	122.412	77.692	24.540	12.321	5.220	1.594
Mission Viejo	150	230.576	130.905	83.574	26.881	13.688	5.815	1.776
Mission Viejo	160	196.149	109.248	68.205	20.331	9.912	3.882	1.019
Mission Viejo	170	166.426	98.912	63.886	20.047	9.731	3.736	0.938
Mission Viejo	180	165.517	98.298	63.438	19.843	9.604	3.668	1.105
Mission Viejo	190	139.600	82.260	52.573	15.931	7.556	3.116	1.141
Mission Viejo	200	133.115	75.959	48.013	14.662	7.152	3.035	1.106
Mission Viejo	210	116.381	64.066	39.469	12.166	6.587	3.087	1.129
Mission Viejo	220	130.645	71.393	44.534	13.193	6.175	2.632	0.954
Mission Viejo	230	140.269	80.249	50.703	17.352	9.043	3.829	1.096
Mission Viejo	240	155.944	90.926	63.105	24.222	13.588	6.528	2.400

Table 5: Hourly Receptor Proximity Adjustment Factors $\left(\frac{\mu g}{lb/hr}\right)$ cont'd

Met Station	Angle	50 M	75 M	100 M	200 M	300 M	500 M	1,000 M
Mission Viejo	250	143.583	92.872	64.544	24.937	14.037	6.764	2.492
Mission Viejo	260	148.218	95.453	66.392	25.860	14.663	7.149	2.693
Mission Viejo	270	149.450	96.026	66.731	25.934	14.672	7.123	2.659
Mission Viejo	280	174.181	100.413	64.103	20.205	10.110	4.161	1.188
Mission Viejo	290	154.059	90.464	58.864	19.417	10.321	4.527	1.389
Mission Viejo	300	182.896	105.457	68.135	24.946	14.043	6.793	2.549
Mission Viejo	310	203.103	114.351	71.563	25.134	14.183	6.891	2.590
Mission Viejo	320	244.439	141.074	90.827	29.516	15.078	6.868	2.600
Mission Viejo	330	228.159	136.864	88.803	28.632	14.442	7.038	2.651
Mission Viejo	340	219.511	141.981	94.959	30.817	14.988	7.143	2.691
Mission Viejo	350	216.444	139.787	93.307	30.043	14.591	7.123	2.693
Mission Viejo	360	178.115	112.462	73.061	27.101	15.342	7.470	2.813
Ontario Arpt.	10	95.664	52.229	31.878	8.882	4.512	1.821	0.549
Ontario Arpt.	20	88.788	47.422	30.049	9.653	4.810	1.929	0.552
Ontario Arpt.	30	93.878	50.971	32.861	11.296	6.016	2.665	0.825
Ontario Arpt.	40	93.120	48.946	31.216	10.380	5.228	2.088	0.626
Ontario Arpt.	50	127.731	73.034	45.344	13.902	7.414	3.332	1.096
Ontario Arpt.	60	162.771	94.976	60.352	18.642	9.236	4.193	1.560
Ontario Arpt.	70	153.513	92.548	58.756	17.054	8.687	4.121	1.532
Ontario Arpt.	80	185.491	113.564	73.472	22.964	11.274	4.804	1.580
Ontario Arpt.	90	174.162	110.890	71.375	24.851	14.005	6.797	2.551
Ontario Arpt.	100	173.959	119.634	80.413	25.511	14.188	6.890	2.586
Ontario Arpt.	110	159.158	111.282	74.477	24.716	13.933	6.775	2.560
Ontario Arpt.	120	158.617	95.752	65.309	24.623	13.830	6.702	2.523
Ontario Arpt.	130	190.437	123.782	81.144	25.387	12.843	6.195	2.318
Ontario Arpt.	140	164.656	106.098	68.774	22.624	12.629	6.125	2.308
Ontario Arpt.	150	177.463	112.242	72.940	22.870	12.767	6.148	2.304
Ontario Arpt.	160	223.143	143.259	95.015	31.032	15.630	6.488	1.912
Ontario Arpt.	170	191.743	121.878	79.745	24.660	11.801	4.472	1.250
Ontario Arpt.	180	161.209	92.770	58.804	20.535	11.510	5.559	2.084
Ontario Arpt.	190	157.742	93.183	58.346	21.091	11.748	5.635	2.088
Ontario Arpt.	200	148.641	87.284	55.814	20.912	11.711	5.653	2.121
Ontario Arpt.	210	139.101	83.445	56.447	21.137	11.863	5.746	2.162
Ontario Arpt.	220	144.947	88.999	57.483	21.522	12.068	5.842	2.198
Ontario Arpt.	230	138.891	84.076	56.679	21.278	11.935	5.776	2.170
Ontario Arpt.	240	172.344	103.865	66.895	21.010	11.583	5.591	2.098
Ontario Arpt.	250	229.121	148.895	97.025	28.786	13.189	4.590	1.686
Ontario Arpt.	260	295.779	195.907	130.730	42.811	21.554	8.977	2.645
Ontario Arpt.	270	201.141	129.477	83.373	23.539	10.286	4.505	1.676
Ontario Arpt.	280	143.308	78.981	48.464	14.306	7.555	3.546	1.297
Ontario Arpt.	290	152.035	88.638	56.577	17.199	8.163	3.437	1.266
Ontario Arpt.	300	140.562	80.997	51.042	14.769	7.232	3.407	1.252
Ontario Arpt.	310	117.528	64.676	40.646	12.171	6.046	2.675	0.867
Ontario Arpt.	320	129.155	78.409	50.435	14.741	6.609	2.275	0.717

Table 5: Hourly Receptor Proximity Adjustment Factors $\left(\frac{\mu g}{lb/hr}\right)$ cont'd

Met Station	Angle	50 M	75 M	100 M	200 M	300 M	500 M	1,000 M
Ontario Arpt.	330	156.617	97.169	64.262	20.937	10.293	4.016	1.025
Ontario Arpt.	340	163.364	101.858	67.788	22.632	11.360	4.591	1.257
Ontario Arpt.	350	147.855	91.127	59.758	18.838	9.006	3.351	0.777
Ontario Arpt.	360	116.707	68.121	43.059	12.627	6.276	2.632	0.759
Palm Springs Arpt.	10	141.249	84.023	53.842	16.287	7.700	2.889	1.047
Palm Springs Arpt.	20	141.249	84.023	53.842	16.287	7.700	2.978	1.082
Palm Springs Arpt.	30	128.662	74.405	47.517	14.811	7.254	2.877	1.042
Palm Springs Arpt.	40	116.165	65.713	41.335	12.180	5.692	2.222	0.709
Palm Springs Arpt.	50	146.803	81.953	51.924	16.164	7.908	3.086	0.780
Palm Springs Arpt.	60	154.535	87.056	55.686	17.974	9.083	3.753	1.070
Palm Springs Arpt.	70	136.881	75.491	47.220	14.001	6.558	2.371	0.734
Palm Springs Arpt.	80	106.848	58.962	37.031	10.820	5.334	2.180	0.739
Palm Springs Arpt.	90	109.232	58.097	36.131	11.198	5.612	2.338	0.726
Palm Springs Arpt.	100	89.056	46.160	29.759	9.818	4.981	2.045	0.569
Palm Springs Arpt.	110	83.867	47.164	30.567	10.268	5.290	2.230	0.654
Palm Springs Arpt.	120	81.899	44.961	28.657	9.288	4.687	1.915	0.525
Palm Springs Arpt.	130	99.917	56.602	35.975	11.172	5.452	2.099	0.562
Palm Springs Arpt.	140	129.822	78.103	51.448	18.161	9.716	4.348	1.399
Palm Springs Arpt.	150	158.926	102.457	66.887	22.052	12.314	5.938	2.227
Palm Springs Arpt.	160	184.323	125.100	83.282	26.412	12.982	5.900	2.192
Palm Springs Arpt.	170	142.406	90.307	59.361	21.836	12.194	5.886	2.209
Palm Springs Arpt.	180	145.078	94.617	62.622	22.141	12.347	5.943	2.233
Palm Springs Arpt.	190	146.685	89.246	60.490	22.733	12.747	6.162	2.307
Palm Springs Arpt.	200	166.500	114.264	75.577	22.464	12.570	6.084	2.290
Palm Springs Arpt.	210	186.197	128.450	85.677	26.368	14.118	6.878	2.602
Palm Springs Arpt.	220	153.694	102.172	67.045	25.073	14.122	6.859	2.587
Palm Springs Arpt.	230	158.080	96.992	66.167	25.211	14.226	6.922	2.613
Palm Springs Arpt.	240	158.855	107.196	70.386	24.778	13.947	6.773	2.553
Palm Springs Arpt.	250	164.106	110.927	73.041	23.473	13.182	6.399	2.414
Palm Springs Arpt.	260	148.349	90.877	61.620	23.054	12.877	6.191	2.312
Palm Springs Arpt.	270	239.724	163.763	108.689	32.684	14.962	6.094	2.283
Palm Springs Arpt.	280	266.283	183.554	123.187	38.706	18.443	6.918	2.288
Palm Springs Arpt.	290	173.491	115.359	74.028	22.386	12.520	6.046	2.270
Palm Springs Arpt.	300	169.135	104.913	67.457	24.178	13.540	6.574	2.484
Palm Springs Arpt.	310	183.143	114.259	72.037	24.223	13.599	6.589	2.480
Palm Springs Arpt.	320	155.192	102.436	66.849	24.461	13.776	6.695	2.529
Palm Springs Arpt.	330	151.920	94.463	62.854	23.719	13.332	6.466	2.434
Palm Springs Arpt.	340	170.598	93.531	58.243	18.974	10.043	4.398	1.359
Palm Springs Arpt.	350	197.023	110.665	70.762	22.905	11.660	4.876	1.401
Palm Springs Arpt.	360	170.598	93.531	58.243	17.025	7.870	2.897	1.052
Perris	10	199.638	122.513	79.943	24.760	11.736	4.666	1.730
Perris	20	183.239	112.213	74.371	24.191	11.903	4.888	1.562
Perris	30	220.710	153.316	103.672	33.810	16.785	7.950	2.968
Perris	40	213.809	148.749	99.943	31.790	14.869	6.749	2.485

Table 5: Hourly Receptor Proximity Adjustment Factors $\left(\frac{\mu g}{lb/hr}\right)$ cont'd

Met Station	Angle	50 M	75 M	100 M	200 M	300 M	500 M	1,000 M
Perris	50	237.433	166.624	113.194	36.163	17.245	8.206	3.116
Perris	60	202.263	151.764	105.027	33.987	16.286	7.910	2.999
Perris	70	204.416	153.461	106.286	34.509	18.509	9.124	3.483
Perris	80	190.653	159.042	112.716	35.742	18.933	9.274	3.521
Perris	90	204.410	147.799	100.818	32.138	15.646	7.615	2.856
Perris	100	199.487	140.746	95.691	30.081	14.226	6.581	2.483
Perris	110	191.272	120.800	79.262	24.640	13.827	6.699	2.510
Perris	120	181.255	115.745	77.611	29.315	16.679	8.168	3.099
Perris	130	199.178	138.869	99.952	40.777	20.488	8.440	3.207
Perris	140	240.092	162.051	112.525	45.422	23.248	9.210	3.240
Perris	150	218.406	146.158	96.897	32.114	17.383	8.494	3.214
Perris	160	233.818	168.008	115.142	38.298	19.189	7.883	2.270
Perris	170	201.437	145.994	100.668	33.355	16.389	6.426	2.026
Perris	180	179.913	113.872	74.481	23.040	11.296	5.425	2.029
Perris	190	162.619	103.937	67.903	21.099	10.628	5.095	1.901
Perris	200	153.358	93.956	60.390	19.796	10.604	5.100	1.908
Perris	210	215.554	141.502	92.924	29.047	14.238	6.641	2.506
Perris	220	217.357	158.024	106.887	38.804	19.633	7.699	2.421
Perris	230	240.478	175.929	120.012	40.344	20.548	8.152	2.560
Perris	240	207.092	140.224	96.781	31.330	14.896	6.400	2.413
Perris	250	202.869	152.237	109.753	38.217	19.197	7.827	2.335
Perris	260	166.751	112.512	76.336	24.422	11.653	5.568	2.037
Perris	270	234.877	143.480	92.250	28.006	15.664	7.644	2.893
Perris	280	263.776	162.676	105.855	33.713	16.814	7.525	2.831
Perris	290	224.789	153.938	100.720	28.397	15.138	7.412	2.811
Perris	300	199.943	136.548	88.364	30.044	17.145	8.415	3.198
Perris	310	190.736	113.728	75.397	29.946	17.101	8.398	3.193
Perris	320	229.297	138.014	90.459	28.805	15.207	7.370	2.740
Perris	330	234.127	151.290	103.620	34.711	17.203	7.230	2.731
Perris	340	208.569	123.079	78.363	23.420	10.993	4.786	1.770
Perris	350	230.732	137.838	89.001	28.068	13.851	5.516	2.012
Perris	360	178.144	108.716	70.025	20.932	10.985	5.164	1.835
Pico Rivera	10	148.763	82.397	51.990	16.252	8.121	3.330	0.941
Pico Rivera	20	143.000	79.712	49.575	14.422	6.964	2.758	0.751
Pico Rivera	30	164.840	94.027	59.912	18.710	9.172	3.614	0.948
Pico Rivera	40	150.025	85.228	54.462	17.078	8.410	3.356	0.974
Pico Rivera	50	159.566	94.466	61.166	19.264	9.325	3.575	0.975
Pico Rivera	60	156.908	93.402	59.913	18.622	8.925	3.632	1.069
Pico Rivera	70	183.237	114.192	75.098	23.828	11.508	4.398	1.092
Pico Rivera	80	180.068	111.998	73.475	23.091	11.058	4.164	1.002
Pico Rivera	90	144.594	91.977	60.718	18.460	8.533	3.082	0.777
Pico Rivera	100	149.241	96.613	64.134	19.944	9.406	3.518	0.877
Pico Rivera	110	136.927	88.103	57.881	17.257	7.839	2.747	0.802
Pico Rivera	120	108.120	68.487	43.787	11.688	5.146	2.193	0.782

Table 5: Hourly Receptor Proximity Adjustment Factors $\left(\frac{\mu g}{lb/hr}\right)$ cont'd

Met Station	Angle	50 M	75 M	100 M	200 M	300 M	500 M	1,000 M
Pico Rivera	130	109.409	61.029	38.354	11.758	5.777	2.319	0.755
Pico Rivera	140	112.191	59.938	37.144	11.377	5.657	2.334	0.697
Pico Rivera	150	115.048	64.993	39.758	11.094	5.881	2.688	0.954
Pico Rivera	160	125.346	71.480	44.284	12.260	5.796	2.680	0.961
Pico Rivera	170	121.886	71.660	45.620	13.569	6.363	2.738	1.003
Pico Rivera	180	116.372	68.085	43.070	12.511	5.855	2.697	0.972
Pico Rivera	190	119.030	66.281	41.565	12.396	5.872	2.288	0.693
Pico Rivera	200	114.969	63.632	39.648	11.546	5.358	1.949	0.673
Pico Rivera	210	104.651	63.102	40.054	11.135	5.367	2.057	0.696
Pico Rivera	220	116.542	72.954	47.191	13.590	6.078	2.176	0.707
Pico Rivera	230	140.263	78.520	50.307	15.523	7.373	2.928	0.861
Pico Rivera	240	174.069	100.818	64.164	20.818	10.061	4.082	1.402
Pico Rivera	250	176.303	102.236	65.756	23.193	11.541	4.760	1.778
Pico Rivera	260	152.091	99.712	67.132	21.892	10.689	4.865	1.822
Pico Rivera	270	129.768	83.979	55.477	18.762	10.515	5.081	1.907
Pico Rivera	280	111.689	69.943	47.526	17.559	9.695	4.611	1.722
Pico Rivera	290	109.675	67.120	45.431	16.908	9.417	4.513	1.671
Pico Rivera	300	141.530	84.056	53.696	16.980	9.468	4.529	1.663
Pico Rivera	310	140.761	83.548	53.333	15.973	7.501	2.878	0.976
Pico Rivera	320	122.573	73.881	46.360	12.884	6.203	2.642	0.965
Pico Rivera	330	181.507	111.914	72.437	22.593	11.130	4.510	1.290
Pico Rivera	340	211.096	132.486	86.565	27.326	13.445	5.367	1.454
Pico Rivera	350	196.315	122.483	79.446	24.370	11.674	4.442	1.184
Pico Rivera	360	144.157	86.793	55.247	16.146	7.420	2.925	1.074
Redlands	10	200.686	129.506	84.733	25.381	11.785	4.385	1.364
Redlands	20	187.468	120.381	78.164	23.197	11.448	4.586	1.419
Redlands	30	139.602	87.687	58.410	19.106	9.194	4.047	1.504
Redlands	40	177.083	105.769	66.709	20.283	10.014	4.127	1.512
Redlands	50	225.234	136.187	87.415	27.122	13.382	5.476	1.618
Redlands	60	285.763	183.335	120.858	38.773	19.272	7.843	2.218
Redlands	70	265.209	169.224	111.334	35.575	17.324	6.784	1.797
Redlands	80	258.175	164.896	107.501	33.758	16.713	6.887	2.062
Redlands	90	210.907	133.521	89.593	27.723	13.634	6.608	2.491
Redlands	100	218.700	148.680	100.530	32.107	15.581	6.479	2.413
Redlands	110	268.260	189.300	128.898	41.860	20.837	8.815	2.626
Redlands	120	221.530	174.636	125.636	44.525	22.710	9.438	2.728
Redlands	130	197.313	138.771	99.836	35.551	18.163	7.562	2.326
Redlands	140	169.863	99.156	62.554	21.325	11.889	5.688	2.134
Redlands	150	156.913	102.672	68.059	20.579	11.366	5.427	2.005
Redlands	160	184.184	124.308	84.380	27.282	13.012	4.839	1.367
Redlands	170	177.148	127.581	89.628	31.327	15.627	6.036	1.554
Redlands	180	184.735	133.589	94.401	33.850	17.301	6.985	2.086
Redlands	190	168.646	126.558	90.639	32.276	16.114	6.260	2.041
Redlands	200	187.356	124.119	83.463	26.948	12.993	4.930	1.519

Table 5: Hourly Receptor Proximity Adjustment Factors $\left(\frac{\mu g}{lb/hr}\right)$ cont'd

Met Station	Angle	50 M	75 M	100 M	200 M	300 M	500 M	1,000 M
Redlands	210	228.148	150.983	100.915	31.836	15.055	5.994	2.060
Redlands	220	246.566	164.533	111.113	36.561	17.935	6.943	2.082
Redlands	230	199.290	130.027	85.384	25.057	11.496	5.520	2.059
Redlands	240	140.674	103.180	71.632	22.849	11.497	5.530	2.052
Redlands	250	135.994	99.605	68.932	21.674	10.047	4.650	1.700
Redlands	260	120.060	92.952	65.269	19.774	9.213	4.383	1.625
Redlands	270	160.300	121.759	87.610	29.540	14.015	4.999	1.588
Redlands	280	186.646	133.238	90.748	29.423	13.946	5.048	1.674
Redlands	290	183.601	131.029	89.129	27.438	14.997	6.792	2.062
Redlands	300	162.594	115.211	77.789	24.493	13.725	6.049	1.734
Redlands	310	190.227	135.352	92.478	29.537	14.019	5.241	1.803
Redlands	320	199.461	144.361	101.999	37.426	18.766	7.349	1.881
Redlands	330	197.354	140.937	97.040	31.607	15.211	5.952	1.623
Redlands	340	185.863	118.983	78.338	24.538	11.785	4.512	1.529
Redlands	350	187.260	124.854	83.300	25.434	11.720	4.273	1.575
Redlands	360	233.100	150.509	99.550	32.097	16.018	6.558	1.877
Riverside Arpt.	10	179.275	109.889	70.753	20.958	10.308	4.941	1.845
Riverside Arpt.	20	200.704	122.597	79.579	24.884	13.015	5.756	1.809
Riverside Arpt.	30	187.026	113.296	77.185	30.713	17.563	8.640	3.293
Riverside Arpt.	40	207.265	155.167	106.291	33.549	17.377	8.538	3.246
Riverside Arpt.	50	227.606	171.367	118.261	38.479	18.708	8.708	3.319
Riverside Arpt.	60	184.586	170.055	126.889	44.865	22.233	9.157	3.486
Riverside Arpt.	70	191.100	118.712	83.620	33.305	19.066	9.391	3.584
Riverside Arpt.	80	179.356	142.091	99.947	32.954	18.862	9.282	3.535
Riverside Arpt.	90	188.063	141.065	100.676	33.039	18.801	9.251	3.522
Riverside Arpt.	100	187.687	122.260	80.953	25.490	12.833	5.512	1.620
Riverside Arpt.	110	210.540	127.880	82.450	25.791	12.746	5.170	1.593
Riverside Arpt.	120	155.663	90.677	58.017	18.893	9.612	4.153	1.539
Riverside Arpt.	130	176.056	104.618	68.441	22.607	11.396	4.641	1.273
Riverside Arpt.	140	170.819	101.005	65.714	21.248	10.512	4.143	1.062
Riverside Arpt.	150	196.112	115.543	74.168	23.170	11.368	4.485	1.161
Riverside Arpt.	160	196.112	115.543	75.760	25.081	12.157	4.573	1.161
Riverside Arpt.	170	214.314	131.811	92.147	32.706	16.915	7.137	2.090
Riverside Arpt.	180	221.000	130.135	84.813	29.222	14.701	5.906	1.560
Riverside Arpt.	190	187.232	112.601	72.768	23.021	11.444	4.646	1.306
Riverside Arpt.	200	214.100	129.681	83.503	26.004	12.810	5.200	1.485
Riverside Arpt.	210	214.100	129.681	83.503	26.004	12.810	5.200	1.485
Riverside Arpt.	220	157.079	91.555	58.703	18.358	8.956	3.483	1.228
Riverside Arpt.	230	143.889	82.905	52.877	16.031	7.621	3.338	1.223
Riverside Arpt.	240	163.627	94.731	58.907	16.643	9.000	4.278	1.585
Riverside Arpt.	250	179.499	105.155	66.253	19.186	9.095	4.327	1.601
Riverside Arpt.	260	149.030	90.947	75.477	30.107	14.617	5.372	1.678
Riverside Arpt.	270	176.814	117.877	92.493	38.690	19.700	7.825	2.971
Riverside Arpt.	280	184.872	123.697	82.254	32.762	16.161	7.805	2.939

Table 5: Hourly Receptor Proximity Adjustment Factors $\left(\frac{\mu g}{lb/hr}\right)$ cont'd

Met Station	Angle	50 M	75 M	100 M	200 M	300 M	500 M	1,000 M
Riverside Arpt.	290	180.477	124.666	87.911	28.136	15.963	7.804	2.961
Riverside Arpt.	300	171.400	138.777	98.556	32.126	17.331	8.513	3.240
Riverside Arpt.	310	170.962	112.468	78.844	31.005	17.645	8.643	3.282
Riverside Arpt.	320	179.241	113.672	79.133	31.078	17.722	8.702	3.312
Riverside Arpt.	330	172.283	110.501	76.835	29.917	17.064	8.373	3.181
Riverside Arpt.	340	171.885	105.867	68.594	22.816	12.112	5.863	2.204
Riverside Arpt.	350	162.324	99.519	64.109	21.242	11.797	5.677	2.119
Riverside Arpt.	360	167.571	104.810	68.181	21.407	11.155	5.370	1.999
Santa Clarita	10	154.894	86.928	54.470	16.187	8.378	3.704	1.164
Santa Clarita	20	168.549	96.323	61.094	18.797	9.199	3.650	0.974
Santa Clarita	30	182.634	105.150	67.306	21.459	10.857	4.576	1.391
Santa Clarita	40	166.504	97.869	63.108	19.665	9.434	3.560	0.862
Santa Clarita	50	173.012	102.383	66.504	21.299	10.461	4.111	1.082
Santa Clarita	60	155.743	90.486	57.618	17.126	7.890	2.777	0.805
Santa Clarita	70	186.107	107.035	68.200	21.296	10.568	4.304	1.227
Santa Clarita	80	180.578	103.538	65.729	20.244	9.923	3.955	1.078
Santa Clarita	90	177.617	100.534	63.831	20.037	10.018	4.122	1.183
Santa Clarita	100	141.195	77.787	47.944	14.766	7.196	2.851	0.826
Santa Clarita	110	144.113	79.789	50.629	16.038	8.020	3.258	0.893
Santa Clarita	120	132.286	72.904	45.334	13.614	6.645	3.015	1.095
Santa Clarita	130	134.375	74.151	46.180	13.953	6.850	3.069	1.124
Santa Clarita	140	149.352	90.401	62.792	18.528	9.651	4.308	1.370
Santa Clarita	150	194.012	162.193	116.309	39.272	19.282	7.597	2.264
Santa Clarita	160	165.542	131.085	92.904	29.851	13.996	6.032	2.261
Santa Clarita	170	150.912	93.737	59.471	22.399	12.583	6.087	2.281
Santa Clarita	180	138.662	91.398	60.449	21.817	12.230	5.938	2.233
Santa Clarita	190	145.079	87.848	56.354	20.056	11.243	5.425	2.029
Santa Clarita	200	172.773	118.872	76.525	21.653	11.096	5.320	1.957
Santa Clarita	210	206.228	142.190	92.785	27.686	13.100	4.914	1.628
Santa Clarita	220	202.319	139.460	90.867	25.022	11.110	5.284	1.990
Santa Clarita	230	162.482	111.718	71.593	18.191	9.760	4.490	1.550
Santa Clarita	240	185.549	112.643	71.769	21.713	11.184	5.393	2.016
Santa Clarita	250	123.168	73.655	48.270	16.086	8.860	4.202	1.542
Santa Clarita	260	143.023	110.855	78.896	26.102	12.189	4.301	1.083
Santa Clarita	270	165.376	128.885	92.797	32.314	15.811	6.059	1.505
Santa Clarita	280	146.180	113.394	80.842	26.951	12.673	4.527	0.972
Santa Clarita	290	129.345	75.152	50.898	15.649	8.354	3.742	1.216
Santa Clarita	300	115.961	72.524	49.748	18.641	10.387	4.993	1.869
Santa Clarita	310	123.839	75.192	51.196	19.240	10.773	5.203	1.953
Santa Clarita	320	151.222	86.096	54.595	20.279	11.063	5.286	1.962
Santa Clarita	330	165.970	98.032	69.174	25.888	14.819	7.286	2.770
Santa Clarita	340	183.139	163.159	121.827	39.966	18.272	6.410	1.812
Santa Clarita	350	178.825	171.052	128.021	42.501	19.650	7.034	1.723
Santa Clarita	360	178.158	110.571	81.021	24.141	10.808	5.227	1.963

Table 5: Hourly Receptor Proximity Adjustment Factors $\left(\frac{\mu g}{lb/hr}\right)$ cont'd

Met Station	Angle	50 M	75 M	100 M	200 M	300 M	500 M	1,000 M
Santa Monica Arpt.	10	211.524	134.810	86.953	26.364	12.779	5.132	1.600
Santa Monica Arpt.	20	164.623	105.200	68.564	21.474	10.598	4.399	1.641
Santa Monica Arpt.	30	181.269	116.492	76.087	23.489	11.334	4.412	1.639
Santa Monica Arpt.	40	181.382	119.692	79.029	24.768	12.087	4.820	1.663
Santa Monica Arpt.	50	188.507	125.428	82.901	26.151	12.855	5.187	1.632
Santa Monica Arpt.	60	218.494	146.248	96.783	30.658	15.137	6.188	1.816
Santa Monica Arpt.	70	134.978	87.392	56.053	15.606	7.293	3.237	1.034
Santa Monica Arpt.	80	91.633	50.971	32.650	10.491	5.169	2.000	0.494
Santa Monica Arpt.	90	89.057	48.215	30.297	9.524	4.764	1.947	0.545
Santa Monica Arpt.	100	86.894	47.990	30.360	9.504	4.675	1.855	0.496
Santa Monica Arpt.	110	82.023	45.401	28.564	8.404	3.986	1.484	0.398
Santa Monica Arpt.	120	87.596	49.484	31.765	9.991	4.852	1.874	0.485
Santa Monica Arpt.	130	86.173	48.447	30.944	9.560	4.571	1.718	0.420
Santa Monica Arpt.	140	82.428	45.854	29.302	9.371	4.640	1.848	0.494
Santa Monica Arpt.	150	103.369	55.158	34.085	10.020	4.726	1.815	0.507
Santa Monica Arpt.	160	117.487	63.982	40.415	12.908	6.576	2.779	0.831
Santa Monica Arpt.	170	107.936	57.988	36.098	10.910	5.281	2.033	0.507
Santa Monica Arpt.	180	86.983	46.769	29.523	9.260	4.574	1.823	0.487
Santa Monica Arpt.	190	108.800	57.534	35.723	11.088	5.574	2.335	0.695
Santa Monica Arpt.	200	117.786	66.147	40.891	11.133	5.574	2.335	0.695
Santa Monica Arpt.	210	152.919	88.865	57.064	17.998	8.846	3.484	0.901
Santa Monica Arpt.	220	159.411	93.162	60.198	19.450	9.768	3.995	1.118
Santa Monica Arpt.	230	134.544	76.866	48.436	14.200	6.539	2.298	0.483
Santa Monica Arpt.	240	104.674	56.179	35.136	10.908	5.429	2.200	0.598
Santa Monica Arpt.	250	109.793	58.898	36.835	11.560	5.847	2.460	0.733
Santa Monica Arpt.	260	109.024	60.556	38.316	11.903	5.802	2.253	0.626
Santa Monica Arpt.	270	113.808	63.726	40.662	13.036	6.530	2.658	0.740
Santa Monica Arpt.	280	103.863	58.421	36.880	10.804	4.946	1.877	0.494
Santa Monica Arpt.	290	118.245	65.895	40.708	12.462	5.994	2.440	0.742
Santa Monica Arpt.	300	148.953	85.160	54.155	16.903	8.366	3.382	0.944
Santa Monica Arpt.	310	145.279	82.825	52.502	16.190	7.927	3.145	0.845
Santa Monica Arpt.	320	160.101	93.067	59.661	18.705	9.152	3.580	0.917
Santa Monica Arpt.	330	156.212	90.492	57.792	17.857	8.623	3.297	0.804
Santa Monica Arpt.	340	117.970	65.759	40.268	10.578	4.422	1.729	0.508
Santa Monica Arpt.	350	105.726	71.917	46.742	14.057	7.539	3.397	1.115
Santa Monica Arpt.	360	157.844	106.602	70.961	21.158	9.661	4.334	1.618
Temecula	10	161.954	97.381	64.590	19.874	9.325	3.915	1.445
Temecula	20	151.181	85.332	55.652	16.204	8.274	3.925	1.452
Temecula	30	154.008	90.151	57.469	17.616	8.525	3.896	1.424
Temecula	40	161.101	93.718	59.420	17.936	9.793	4.576	1.605
Temecula	50	162.323	94.509	59.978	18.406	10.211	4.852	1.759
Temecula	60	176.004	103.083	65.871	21.362	11.918	5.701	2.084
Temecula	70	151.417	95.435	66.002	25.576	14.487	7.057	2.655
Temecula	80	143.524	89.052	60.926	22.716	12.453	5.822	2.155

Table 5: Hourly Receptor Proximity Adjustment Factors $\left(\frac{\mu g}{lb/hr}\right)$ cont'd

Met Station	Angle	50 M	75 M	100 M	200 M	300 M	500 M	1,000 M
Temecula	90	154.905	96.460	61.810	23.325	13.124	6.357	2.378
Temecula	100	157.626	90.442	57.207	18.360	9.952	4.704	1.707
Temecula	110	177.380	106.371	68.389	21.292	11.276	5.212	1.934
Temecula	120	165.728	103.769	68.556	26.041	14.744	7.169	2.690
Temecula	130	170.647	118.139	78.693	27.913	15.795	7.718	2.925
Temecula	140	187.010	145.148	99.856	30.772	15.581	7.576	2.865
Temecula	150	230.739	180.688	126.090	41.169	20.001	7.790	2.812
Temecula	160	156.170	104.922	70.701	21.486	11.573	5.589	2.102
Temecula	170	186.841	124.678	83.079	27.514	14.378	6.057	2.116
Temecula	180	231.901	147.236	104.166	42.849	24.719	12.268	4.684
Temecula	190	234.298	151.129	107.509	43.395	24.911	12.261	4.673
Temecula	200	234.484	152.231	107.778	44.632	25.841	12.838	4.930
Temecula	210	285.695	188.283	135.163	55.195	31.774	15.864	6.147
Temecula	220	287.362	189.697	135.508	55.957	32.593	16.233	6.220
Temecula	230	283.192	189.557	135.128	54.838	31.763	15.819	6.084
Temecula	240	325.543	217.142	156.003	64.029	37.034	18.389	7.052
Temecula	250	321.722	213.113	152.037	62.721	36.569	18.281	7.059
Temecula	260	333.305	217.291	155.318	63.896	37.260	18.650	7.213
Temecula	270	344.894	221.264	158.116	64.485	37.361	18.780	7.280
Temecula	280	260.878	152.600	104.947	37.122	18.342	8.264	3.135
Temecula	290	176.941	111.262	76.861	29.796	16.909	8.268	3.134
Temecula	300	176.164	111.456	77.059	29.906	16.982	8.313	3.158
Temecula	310	156.339	96.895	65.613	23.650	12.615	5.554	1.931
Temecula	320	134.343	82.100	52.561	18.757	10.402	4.972	1.851
Temecula	330	151.709	88.841	56.577	18.519	10.334	4.975	1.860
Temecula	340	152.505	86.579	53.921	16.206	8.898	4.226	1.566
Temecula	350	155.226	91.550	57.941	17.462	8.763	4.191	1.558
Temecula	360	146.440	92.564	60.996	18.276	8.899	4.233	1.573
Upland	10	190.346	110.462	69.541	20.233	10.159	4.184	1.190
Upland	20	239.470	142.232	92.018	29.823	15.182	6.453	1.966
Upland	30	203.781	130.925	87.398	28.751	14.268	5.676	1.509
Upland	40	168.476	106.335	69.381	20.823	9.721	3.837	1.010
Upland	50	194.628	113.394	72.416	21.939	10.317	3.830	0.992
Upland	60	201.616	118.160	75.946	23.586	11.341	4.291	1.186
Upland	70	193.044	111.841	71.440	22.067	10.659	4.081	1.240
Upland	80	197.385	113.716	72.766	22.977	11.403	4.569	1.357
Upland	90	215.734	124.599	79.028	24.564	12.233	5.730	2.141
Upland	100	200.092	122.278	79.110	24.343	11.634	4.811	1.730
Upland	110	217.840	134.317	87.805	28.145	13.970	5.612	1.515
Upland	120	163.083	97.593	61.611	17.431	8.558	3.409	1.068
Upland	130	145.762	85.507	54.812	15.961	7.296	2.639	0.778
Upland	140	158.446	100.302	66.279	21.085	10.174	3.876	0.964
Upland	150	166.221	105.655	70.221	22.856	11.244	4.427	1.176
Upland	160	147.577	92.867	60.849	18.721	8.780	3.188	0.720

Table 5: Hourly Receptor Proximity Adjustment Factors $\left(\frac{\mu g}{lb/hr}\right)$ cont'd

Met Station	Angle	50 M	75 M	100 M	200 M	300 M	500 M	1,000 M
Upland	170	132.708	75.851	50.197	14.382	6.893	2.973	0.967
Upland	180	193.681	141.037	97.660	32.567	16.038	6.293	1.618
Upland	190	202.947	148.173	102.981	34.869	17.419	7.013	1.905
Upland	200	212.137	139.200	92.357	29.601	14.619	5.862	1.695
Upland	210	181.907	117.000	76.812	23.031	10.544	4.744	1.772
Upland	220	174.875	109.087	69.753	19.994	10.173	4.878	1.818
Upland	230	168.671	104.856	66.709	26.182	14.150	6.024	1.773
Upland	240	156.414	95.287	65.674	29.063	16.100	7.171	2.180
Upland	250	156.844	95.592	62.072	25.831	13.916	5.890	1.606
Upland	260	138.824	81.410	51.486	18.047	8.957	3.264	1.078
Upland	270	130.536	75.975	48.682	15.084	7.284	2.819	0.981
Upland	280	121.025	69.684	44.108	13.063	6.383	2.965	1.074
Upland	290	131.049	72.118	44.683	12.648	6.309	2.918	1.056
Upland	300	134.789	74.633	46.549	13.505	6.408	3.014	1.100
Upland	310	122.998	70.311	45.433	13.621	6.724	3.190	1.173
Upland	320	129.594	70.654	44.959	13.427	6.608	3.037	1.092
Upland	330	140.984	77.979	48.085	13.842	6.558	2.462	0.839
Upland	340	140.720	82.215	52.540	16.379	8.072	3.244	1.094
Upland	350	161.083	94.205	59.874	18.083	8.655	3.311	1.093
Upland	360	174.757	103.009	66.088	20.677	10.206	4.115	1.155
Van Nuys Arpt.	10	138.457	94.389	59.406	21.119	11.200	4.860	1.450
Van Nuys Arpt.	20	119.014	66.295	42.482	13.982	7.182	3.034	0.889
Van Nuys Arpt.	30	113.449	62.592	39.712	12.580	6.240	2.476	0.634
Van Nuys Arpt.	40	98.403	52.645	32.993	10.370	5.219	2.152	0.606
Van Nuys Arpt.	50	107.464	57.350	35.812	11.251	5.721	2.440	0.757
Van Nuys Arpt.	60	96.002	50.495	31.025	9.232	4.441	1.809	0.550
Van Nuys Arpt.	70	105.177	55.938	34.912	10.868	5.441	2.236	0.632
Van Nuys Arpt.	80	108.990	58.284	36.595	11.655	5.962	2.548	0.784
Van Nuys Arpt.	90	101.620	54.589	34.400	11.000	5.614	2.372	0.707
Van Nuys Arpt.	100	115.443	61.158	37.259	10.303	5.239	2.194	0.647
Van Nuys Arpt.	110	143.524	78.515	49.565	15.718	7.954	3.319	0.959
Van Nuys Arpt.	120	140.180	76.413	48.049	15.009	7.487	3.042	0.829
Van Nuys Arpt.	130	107.058	56.112	34.672	10.809	5.127	1.873	0.552
Van Nuys Arpt.	140	115.565	71.353	48.396	17.659	9.533	4.288	1.382
Van Nuys Arpt.	150	129.101	86.834	56.938	21.772	12.235	5.919	2.218
Van Nuys Arpt.	160	137.083	93.754	61.699	21.813	12.280	5.951	2.235
Van Nuys Arpt.	170	146.477	97.575	64.290	21.462	12.119	5.893	2.223
Van Nuys Arpt.	180	154.446	104.362	69.124	23.801	13.502	6.587	2.494
Van Nuys Arpt.	190	152.535	105.135	69.608	24.168	13.604	6.630	2.498
Van Nuys Arpt.	200	155.421	101.558	64.432	24.032	13.588	6.619	2.512
Van Nuys Arpt.	210	141.544	89.637	62.094	24.071	13.638	6.642	2.501
Van Nuys Arpt.	220	141.544	90.075	59.252	20.801	11.668	5.636	2.110
Van Nuys Arpt.	230	174.546	124.716	84.036	25.740	11.973	5.616	2.104
Van Nuys Arpt.	240	153.077	108.673	72.477	21.258	11.483	5.582	2.104

Table 5: Hourly Receptor Proximity Adjustment Factors $\left(\frac{\mu g}{lb/hr}\right)$ cont'd

Met Station	Angle	50 M	75 M	100 M	200 M	300 M	500 M	1,000 M
Van Nuys Arpt.	250	133.782	76.962	49.246	16.640	8.892	3.938	1.234
Van Nuys Arpt.	260	117.204	65.789	40.970	11.388	5.259	2.083	0.534
Van Nuys Arpt.	270	86.506	46.056	27.057	8.277	4.214	1.777	0.531
Van Nuys Arpt.	280	95.513	52.889	34.217	10.909	5.579	2.311	0.646
Van Nuys Arpt.	290	114.710	73.067	49.102	17.834	9.581	4.287	1.374
Van Nuys Arpt.	300	161.149	110.263	72.947	22.229	12.110	5.884	2.221
Van Nuys Arpt.	310	181.413	118.251	77.207	24.115	12.091	5.863	2.212
Van Nuys Arpt.	320	160.368	112.628	76.551	24.115	12.176	5.910	2.219
Van Nuys Arpt.	330	167.328	117.095	85.200	27.890	15.665	7.686	2.919
Van Nuys Arpt.	340	224.010	158.136	107.128	34.531	16.881	7.534	2.835
Van Nuys Arpt.	350	189.529	126.211	83.724	27.029	15.164	7.408	2.819
Van Nuys Arpt.	360	164.659	111.926	71.173	27.769	15.826	7.760	2.947

APPENDIX I
DERIVATION OF MULTIPATHWAY ADJUSTMENT FACTORS

Introduction

Toxic air contaminants (TACs) enter the body through a number of routes: inhalation; absorption through the skin; and ingestion from contaminated food, water, milk and soil. To account for uptake of toxics through routes of exposure other than inhalation, health risk assessments often include a multipathway (MP) exposure analysis.

To simplify the screening health risk assessment, MP adjustment factors were developed. The inhalation risk is multiplied by the MP adjustment factors to account for the additional health risk due to other pathways of exposure.

Development of MP Adjustment Factors

The MP adjustment factors were developed using the Risk Assessment Standalone Tool (RAST), a computer software package that calculates risks based on ground level concentrations (GLC). Assumptions and parameters used to develop the MP adjustment factors are listed below:

Risk assessment options:

- Deposition velocity – 0.02 m/sec
- OEHHA default exposures are assumed for mother's milk, homegrown produce, and soil exposure
- A 'warm' climate, typical for Southern California is assumed for the dermal exposure pathway
- For non-cancer chronic risk estimates, the "OEHHA Derived Method" risk analysis method is used. In this approach, the inhalation pathway is always considered a driving pathway, the next two dominant (driving) exposure pathways use the high-end point-estimates of exposure, while the remaining exposure pathways use mean point estimates.
- For residential cancer risk estimates, the "RMP (Derived) Method" risk analysis method is used. In this method, if inhalation is one of the top two dominant pathways, the method uses the breathing rate at 95th percentile of exposure for < 2 years of age, and the breathing rate at the 80th percentile exposure for > 2 years of age. If inhalation is not the top two dominant pathways, it uses mean. For worker cancer risk, the "OEHHA Derived Method" risk analysis method is used.
- Pathways considered for residential exposure include inhalation, soil ingestion, dermal absorption, homegrown produce, and mother's milk.
- Pathways considered for worker exposure include inhalation, soil ingestion, and dermal absorption.
- The cancer risk estimates, including the Derived equations (both OEHHA and Adjusted), are based on 30-year exposures.
- The chronic MP adjustment factors (resident and worker) for the group listing of polychlorinated biphenyls (CAS number 57465-28-8) has been assigned those of its individual subspecies (243.908 and 10.82, respectively). (The group listing of PCBs does not include the Toxicity Equivalency Factors as developed by the World Health Organization 1997 and as adopted by the 2015 OEHHA Guidelines). PCB 126 (2,3',4',5-Pentachlorobiphenyl, CAS number 57465-28-8) was used in the calculation of the screening approach since it has the most stringent REL. In a case that a facility provides speciated PCB data, or other justification is available, different MP adjustment factors can be used subject to South Coast AQMD approval.

To calculate the MP adjustment factor for each cancer and non-cancer (chronic) for residential and/or worker exposures, two separate RAST runs are performed— one for inhalation only and another using all recommended RAST options described above.

- For cancer risk:

- a) sum the risks from all pathways in each scenario (this is provided as “RISK_SUM”)
- b) calculate the ratio by dividing sum of risks from the all pathways by sum of risks from the inhalation-only pathway for each toxic air contaminant, for each scenario.

- For non-cancer chronic health risk:

- a) find the maximum of all pathways ("CV", "CNS", "IMMUN", "KIDNEY", "GILV", "REPRO.DEVEL", "RESP", "SKIN", "EYE", "BONE.TEETH", "ENDO", "BLOOD", "ODOR", "GENERAL") in each scenario, and
- b) calculate the ratio by dividing the max risks from the all pathways by the max risks from the inhalation-only pathway.