Truck parameters			
VH =	3.00	meters	
Plume Height =	5.10	meters	
VS release height =	2.55	meters	
sigma z =	2.37	meters	
plume width =	9.00	meters	
sigma y =	4.19	meters	
Exclusion zone =	10.00	meters	
One truck drive one time			
DPM ER (Weighted Average) from EMFAC2021-SC	0.02	g/mile	
segment distance	1000	meters	
segment DPM emissions	0.01	g	
ER in model, each volume source in a segment (111 segments)	1.31E-09	Emission Rate for the 1000 meter (one truck drive one time per day for every day)-(g/s)	1.46E-07

min:	951

MET Station Base Elevation (m)	Ground Level Concentration (ug/m3)	CR Using OEHHA Derived Method	CR RMP Using the Derived Method (30 years)	CR	Assumed CR threshold	Calculated CR over assumed threshold	Total ER (g/s)	ER for one truck (g/s)	# of Trucks
ANAH	84.23	7.29E-02	6.27E-02	6.27E+04	10	6.27E+03	1.60E-04	1.46E-07	1094
AZUS	85.64	7.41E-02	6.37E-02	6.37E+04	10	6.37E+03	1.57E-04	1.46E-07	1076
BNAP	69.13	5.98E-02	5.14E-02	5.14E+04	10	5.14E+03	1.94E-04	1.46E-07	1333
CELA	74.68	6.46E-02	5.56E-02	5.56E+04	10	5.56E+03	1.80E-04	1.46E-07	1234
FONT	83.95	7.26E-02	6.25E-02	6.25E+04	10	6.25E+03	1.60E-04	1.46E-07	1098
KAVX	59.35	5.13E-02	4.42E-02	4.42E+04	10	4.42E+03	2.26E-04	1.46E-07	1553
KBUR	70.76	6.12E-02	5.26E-02	5.26E+04	10	5.26E+03	1.90E-04	1.46E-07	1303
KCNO	78.50	6.79E-02	5.84E-02	5.84E+04	10	5.84E+03	1.71E-04	1.46E-07	1174
KHHR	77.65	6.72E-02	5.78E-02	5.78E+04	10	5.78E+03	1.73E-04	1.46E-07	1187
KLAX	72.59	6.28E-02	5.40E-02	5.40E+04	10	5.40E+03	1.85E-04	1.46E-07	1270
KLGB	71.85	6.22E-02	5.35E-02	5.35E+04	10	5.35E+03	1.87E-04	1.46E-07	1283
KONT	62.41	7.26E-02	6.25E-02	6.25E+04	10	6.25E+03	1.60E-04	1.46E-07	1098
KPSP	51.20	6.33E-02	5.44E-02	5.44E+04	10	5.44E+03	1.84E-04	1.46E-07	1260
KRAL	73.15	6.33E-02	5.44E-02	5.44E+04	10	5.44E+03	1.84E-04	1.46E-07	1260
KSMO	77.69	6.72E-02	5.78E-02	5.78E+04	10	5.78E+03	1.73E-04	1.46E-07	1186
KSNA	62.63	5.42E-02	4.66E-02	4.66E+04	10	4.66E+03	2.15E-04	1.46E-07	1472
KTRM	58.05	5.02E-02	4.32E-02	4.32E+04	10	4.32E+03	2.32E-04	1.46E-07	1588
KVNY	67.02	5.80E-02	4.99E-02	4.99E+04	10	4.99E+03	2.01E-04	1.46E-07	1375
MSVJ	90.81	7.86E-02	6.76E-02	6.76E+04	10	6.76E+03	1.48E-04	1.46E-07	1015
PERI	93.93	7.86E-02	6.76E-02	6.76E+04	10	6.76E+03	1.48E-04	1.46E-07	1015
PICO	84.17	7.28E-02	6.26E-02	6.26E+04	10	6.26E+03	1.60E-04	1.46E-07	1095
RDLD	96.90	8.38E-02	7.21E-02	7.21E+04	10	7.21E+03	1.39E-04	1.46E-07	951
SCLR	84.22	7.29E-02	6.27E-02	6.27E+04	10	6.27E+03	1.60E-04	1.46E-07	1094
TMCA	87.30	7.55E-02	6.50E-02	6.50E+04	10	6.50E+03	1.54E-04	1.46E-07	1056
UPLA	89.34	7.73E-02	6.65E-02	6.65E+04	10	6.65E+03	1.50E-04	1.46E-07	1032
KFUL	79.35	6.87E-02	5.90E-02	5.90E+04	10	5.90E+03	1.69E-04	1.46E-07	1162

Source: EMFAC2021 (v1.0.2) Emission Rates
Region Type: Air District
Region: South Coast AQMD
Calendar Year: 2023
Season: Annual
Vehicle Classification: EMFAC202x Categories
Units: miles/day for CVMT and EVMT, trips/day for Trips, g/mile for RUNEX, PMBW and PMTW, g/trip for STREX, HOTSOAK and RUNLOSS, g/vehicle/day for IDLEX and DIURN. PHEV calculated based on total VMT.

															g/mile	g/day										
Region	**Calendar Year**	**Vehicle Category**	**Model Year**	**Speed**	**Fuel**	**Population**	**VMT for one vehicle**	**Total VMT**	**CVMT**	**EVMT**	**Trips**	**NOx_RUNEX**	**NOx_IDLEX**	**NOx_STREX**	**PM2.5_RUNEX**	**PM2.5_IDLEX**	**PM2.5_STREX**	**PM2.5_PMTW**	**PM2.5_PMBW**	**PM10_RUNEX**	**PM10_IDLEX**	**PM10_STREX**	**PM10_PMTW**	**PM10_PMBW**	**CO2_RUNEX**	**CO2_IDLEX**
South Coast AQMD	2023	LDT1	Aggregate	Aggregate	Diesel	205.238	19.14231	3928.731	3928.731	0	597.7294	1.535129	0	0	0.250	-	0	0.002	0.004118	0.26172	0	0	0.008	0.011767	435.0632	0
South Coast AQMD	2023	LDT2	Aggregate	Aggregate	Diesel	7985.48	43.59661	348139.9	348139.9	0	38549.84	0.053274	0	0	0.006	-	0	0.002	0.003358	0.006487	0	0	0.008	0.009593	325.8645	0
South Coast AQMD	2023	LHD1	Aggregate	Aggregate	Diesel	103286	41.88283	4325909	4325909	0	1299208	1.507031	1.986676	0	0.023	0.027	0	0.003	0.0273	0.024516	0.027793	0	0.012	0.078	495.5494	132.157
South Coast AQMD	2023	LHD2	Aggregate	Aggregate	Diesel	45217.74	41.72878	1886881	1886881	0	568782.3	1.243865	1.957714	0	0.022	0.027	0	0.003	0.03185	0.023331	0.02788	0	0.012	0.091	589.93	211.525
South Coast AQMD	2023	Motor Coa	Aggregate	Aggregate	Diesel	801.2527	142.4743	114158	114158	0	18412.79	1.728496	47.47248	2.081911	0.019	0.016	0	0.003	0.030572	0.019407	0.017002	0	0.012	0.087348	1765.276	10503.74
South Coast AQMD	2023	PTO	Aggregate	Aggregate	Diesel	0	#DIV/0!	242849.5	242849.5	0	0	2.94011	0	0	0.005	-	0	0	0	0.004836	0	0	0	0	2072.739	0
South Coast AQMD	2023	T6 CAIRP C	Aggregate	Aggregate	Diesel	55.02101	67.47971	3712.802	3712.802	0	1264.383	0.458096	2.978453	0.591835	0.008	0.003	0	0.003	0.014908	0.007852	0.00306	0	0.012	0.042594	1106.449	597.9483
South Coast AQMD	2023	T6 CAIRP C	Aggregate	Aggregate	Diesel	73.80957	69.01294	5093.815	5093.815	0	1696.144	0.404177	2.897598	0.60019	0.005	0.001	0	0.003	0.014908	0.005684	0.001004	0	0.012	0.042594	1105.139	600.774
South Coast AQMD	2023	T6 CAIRP C	Aggregate	Aggregate	Diesel	233.3325	57.00911	13302.08	13302.08	0	5361.981	0.392631	2.954432	0.599217	0.006	0.002	0	0.003	0.014908	0.006713	0.002183	0	0.012	0.042594	1087.783	584.7588
South Coast AQMD	2023	T6 CAIRP C	Aggregate	Aggregate	Diesel	402.136	207.4206	83411.27	83411.27	0	9241.084	0.434198	2.865553	0.589085	0.005	0.001	0	0.003	0.014908	0.005599	0.000713	0	0.012	0.042594	1029.881	593.1852
South Coast AQMD	2023	T6 Instate [	Aggregate	Aggregate	Diesel	7381.868	34.10556	251762.7	251762.7	0	105339.3	1.274467	12.07071	1.465633	0.022	0.039	0	0.003	0.015176	0.023283	0.040355	0	0.012	0.043359	1089.558	2079.041
South Coast AQMD	2023	T6 Instate [	Aggregate	Aggregate	Diesel	7033.394	34.77194	244564.8	244564.8	0	100366.5	0.764864	10.62419	1.543772	0.012	0.019	0	0.003	0.015181	0.012308	0.019945	0	0.012	0.043374	1095.659	2054.969
South Coast AQMD	2023	T6 Instate [	Aggregate	Aggregate	Diesel	22305.7	34.53843	770403.9	770403.9	0	318302.3	0.798955	10.62128	1.551082	0.012	0.019	0	0.003	0.015174	0.012657	0.019351	0	0.012	0.043354	1090.323	2062.826
South Coast AQMD	2023	T6 Instate [	Aggregate	Aggregate	Diesel	4489.333	55.2623	248090.9	248090.9	0	64062.78	0.718257	9.830628	1.577975	0.006	0.006	0	0.003	0.015213	0.005828	0.006068	0	0.012	0.043466	1078.485	2085.495
South Coast AQMD	2023	T6 Instate (	Aggregate	Aggregate	Diesel	9881.834	41.72972	412366.2	412366.2	0	114234	1.256899	13.69228	1.650722	0.023	0.062	0	0.003	0.01509	0.023969	0.064562	0	0.012	0.043115	1094.976	2255.07
South Coast AQMD	2023	T6 Instate (	Aggregate	Aggregate	Diesel	22265.33	44.22966	984788	984788	0	257387.2	0.568447	10.98594	1.82554	0.007	0.011	0	0.003	0.015088	0.007233	0.01114	0	0.012	0.043109	1102.771	2221.775
South Coast AQMD	2023	T6 Instate (	Aggregate	Aggregate	Diesel	18990.67	43.29801	822258.3	822258.3	0	219532.2	0.861962	12.14531	1.74483	0.014	0.035	0	0.003	0.015102	0.01473	0.036782	0	0.012	0.043148	1095.809	2234.891
South Coast AQMD	2023	T6 Instate (	Aggregate	Aggregate	Diesel	8929.052	49.16004	438952.5	438952.5	0	103219.8	0.687347	10.96434	1.829173	0.006	0.016	0	0.003	0.015092	0.006608	0.017011	0	0.012	0.043119	1082.406	2253.858
South Coast AQMD	2023	T6 Instate T	Aggregate	Aggregate	Diesel	202.0616	52.60339	10629.13	10629.13	0	2335.833	0.725812	11.80801	1.782296	0.011	0.035	0	0.003	0.015156	0.011986	0.036226	0	0.012	0.043303	1092.112	2220.075
South Coast AQMD	2023	T6 Instate T	Aggregate	Aggregate	Diesel	4030.676	62.90683	253557.1	253557.1	0	46594.62	0.689847	10.87142	1.820969	0.006	0.007	0	0.003	0.015083	0.006265	0.007796	0	0.012	0.043096	1029.87	2249.305
South Coast AQMD	2023	T6 OOS Cla	Aggregate	Aggregate	Diesel	31.94566	66.88592	2136.715	2136.715	0	734.1114	0.522828	3.040344	0.587437	0.009	0.004	0	0.003	0.014906	0.009484	0.004362	0	0.012	0.04259	1105.922	597.9213
South Coast AQMD	2023	T6 OOS Cla	Aggregate	Aggregate	Diesel	42.67331	68.68905	2931.189	2931.189	0	980.6327	0.418064	2.912388	0.599181	0.006	0.001	0	0.003	0.014906	0.005969	0.001169	0	0.012	0.04259	1104.818	600.4548
South Coast AQMD	2023	T6 OOS Cla	Aggregate	Aggregate	Diesel	135.3389	56.59336	7659.281	7659.281	0	3110.087	0.442841	3.006279	0.595458	0.008	0.003	0	0.003	0.014906	0.007917	0.003005	0	0.012	0.04259	1086.937	584.2157
South Coast AQMD	2023	T6 OOS Cla	Aggregate	Aggregate	Diesel	219.676	253.5211	55692.5	55692.5	0	5048.154	0.437133	2.864244	0.587925	0.005	0.001	0	0.003	0.014906	0.005585	0.000713	0	0.012	0.04259	1024.827	591.2125
South Coast AQMD	2023	T6 Public C	Aggregate	Aggregate	Diesel	1057.546	34.75615	36756.23	36756.23	0	5425.211	4.069382	39.46001	1.003212	0.020	0.044	0	0.003	0.01506	0.020693	0.046402	0	0.012	0.043029	1096.078	3465.984
South Coast AQMD	2023	T6 Public C	Aggregate	Aggregate	Diesel	928.9983	35.83055	33286.52	33286.52	0	4765.761	3.078183	36.35237	1.112753	0.016	0.033	0	0.003	0.014996	0.017206	0.034135	0	0.012	0.042845	1103.145	3471.732
South Coast AQMD	2023	T6 Public C	Aggregate	Aggregate	Diesel	1197.87	33.89852	40606	40606	0	6145.071	5.67655	39.21283	0.744185	0.033	0.107	0	0.003	0.015	0.034583	0.111749	0	0.012	0.042857	1111.701	3330.47
South Coast AQMD	2023	T6 Public C	Aggregate	Aggregate	Diesel	3692.478	43.55312	160818.9	160818.9	0	18942.41	5.090576	38.65884	0.804597	0.031	0.100	0	0.003	0.01507	0.032138	0.105009	0	0.012	0.043058	1113.163	3320.502
South Coast AQMD	2023	T6 Utility Cl	Aggregate	Aggregate	Diesel	1118.533	40.68186	45504.01	45504.01	0	14317.22	0.466905	7.964475	1.424464	0.004	0.002	0	0.003	0.015012	0.004674	0.001959	0	0.012	0.042892	1054.898	1657.945
South Coast AQMD	2023	T6 Utility Cl	Aggregate	Aggregate	Diesel	211.6434	40.39924	8550.235	8550.235	0	2709.036	0.474194	7.915855	1.443188	0.004	0.002	0	0.003	0.015012	0.004467	0.001959	0	0.012	0.042892	1049.887	1655.57
South Coast AQMD	2023	T6 Utility Cl	Aggregate	Aggregate	Diesel	240.9664	49.27335	11873.22	11873.22	0	3084.369	0.38788	7.865673	1.381471	0.004	0.002	0	0.003	0.015012	0.003961	0.001959	0	0.012	0.042892	1054.866	1654.874
South Coast AQMD	2023	T7 CAIRP C	Aggregate	Aggregate	Diesel	13764.8	207.312	2853608	2853608	0	316315.2	1.547022	123.5852	2.214643	0.029	0.042	0	0.009	0.026754	0.030351	0.044406	0	0.036	0.076439	1543.16	24618.39
South Coast AQMD	2023	T7 NNOOS	Aggregate	Aggregate	Diesel	12382.48	274.0669	3393627	3393627	0	284549.3	1.453126	153.2502	2.279729	0.027	0.053	0	0.009	0.026753	0.0284	0.055114	0	0.036	0.076437	1537.14	29956.13
South Coast AQMD	2023	T7 NOOS C	Aggregate	Aggregate	Diesel	5180.762	237.8717	1232357	1232357	0	119053.9	1.575507	153.3689	2.221301	0.030	0.053	0	0.009	0.026753	0.030916	0.055114	0	0.036	0.076437	1537.413	30378.27
South Coast AQMD	2023	T7 POAK Cl	Aggregate	Aggregate	Diesel	1.163144	93.31818	108.5425	108.5425	0	19.02903	1.193623	40.39714	2.54395	0.018	0.014	0	0.009	0.028494	0.018896	0.014549	0	0.036	0.081411	1719.696	8133.386
South Coast AQMD	2023	T7 POLA Cl	Aggregate	Aggregate	Diesel	14182.13	130.813	1855207	1855207	0	232019.7	1.598489	40.39714	2.27687	0.024	0.014	0	0.009	0.02763	0.02477	0.014549	0	0.036	0.078942	1629.679	8510.964
South Coast AQMD	2023	T7 Public C	Aggregate	Aggregate	Diesel	6003.225	40.04524	240400.5	240400.5	0	30796.54	10.19337	40.59371	1.9793	0.060	0.124	0	0.009	0.033752	0.063227	0.129534	0	0.036	0.096435	1692.985	3358.467
South Coast AQMD	2023	T7 Single C	Aggregate	Aggregate	Diesel	2615.43	70.60638	184666	184666	0	24637.35	0.926136	22.07835	3.431484	0.015	0.009	0	0.009	0.027125	0.015956	0.009574	0	0.036	0.0775	1629.156	4437.245
South Coast AQMD	2023	T7 Single D	Aggregate	Aggregate	Diesel	4746.268	60.23383	285885.9	285885.9	0	44709.85	1.484804	22.46127	2.922637	0.017	0.019	0	0.009	0.027684	0.018204	0.020209	0	0.036	0.079097	1627.356	4744.069
South Coast AQMD	2023	T7 Single O	Aggregate	Aggregate	Diesel	11449.87	58.21318	666533.2	666533.2	0	107857.8	1.155142	22.31737	3.192608	0.015	0.015	0	0.009	0.027981	0.015685	0.01613	0	0.036	0.079947	1610.921	4536.14
South Coast AQMD	2023	T7 SWCV C	Aggregate	Aggregate	Diesel	2171.799	64.92935	141013.5	141013.5	0	9990.274	14.26233	60.60173	0.160154	0.013	0.145	0	0.009	0.0735	0.014067	0.151071	0	0.036	0.21	3783.817	3961.822
South Coast AQMD	2023	T7 Tractor (	Aggregate	Aggregate	Diesel	24626.7	80.79283	1989661	1989661	0	357826	1.568692	41.10292	3.890539	0.023	0.016	0	0.009	0.027186	0.024036	0.01715	0	0.036	0.077674	1554.028	8449.691
South Coast AQMD	2023	T7 Utility Cl	Aggregate	Aggregate	Diesel	783.7525	46.11001	36138.83	36138.83	0	10032.03	1.015557	7.527156	4.93432	0.012	0.003	0	0.009	0.027576	0.012349	0.002704	0	0.036	0.07879	1613.806	1607.866

MAX	0.250	**0.184**
T7 Max	0.060	0.145
Weighted AVG.	0.020	
min	0.004	

CO2_STREX	CH4_RUNEX	CH4_IDLEX	CH4_STREX	N2O_RUNEX	N2O_IDLEX	N2O_STREX	ROG_RUNEX	ROG_IDLEX	ROG_STREX	ROG_HOTSOAK	ROG_RUNLOSS	ROG_DIURN	TOG_RUNEX	TOG_IDLEX	TOG_STREX	TOG_HOTSOAK	TOG_RUNLOSS	TOG_DIURN	NH3_RUNEX	CO_RUNEX	CO_IDLEX	CO_STREX	SOx_RUNEX	SOx_IDLEX	SOx_STREX
0	0.015026831	0	0	0.068544	0	0	0.323519	0	0	0	0	0	0.368305	0	0	0	0	0	0.0031	1.83411	0	0	0.004122	0	0
0	0.000850899	0	0	0.05134	0	0	0.018319	0	0	0	0	0	0.020855	0	0	0	0	0	0.0031	0.163468	0	0	0.003088	0	0
0	0.004775519	0.005098	0	0.078074	0.020821	0	0.102814	0.10976	0	0	0	0	0.117047	0.124954	0	0	0	0	0.171613	0.300075	0.909745	0	0.004696	0.001252	0
0	0.004511619	0.005098	0	0.092944	0.033326	0	0.097133	0.10976	0	0	0	0	0.110579	0.124954	0	0	0	0	0.179371	0.25138	0.909745	0	0.00559	0.002004	0
0	0.000669439	0.185527	0	0.27812	1.654868	0	0.014413	3.994348	0	0	0	0	0.016408	4.547261	0	0	0	0	0.22	0.110378	58.68746	0	0.016716	0.099464	0
0	0.00105167	0	0	0.326561	0	0	0.022642	0	0	0	0	0	0.025776	0	0	0	0	0	0.219885	0.255597	0	0	0.019628	0	0
0	0.000493682	0.002589	0	0.174322	0.094207	0	0.010629	0.055737	0	0	0	0	0.0121	0.063452	0	0	0	0	0.218196	0.047456	2.104506	0	0.010477	0.005662	0
0	0.00030923	0.002329	0	0.174115	0.094652	0	0.006658	0.050142	0	0	0	0	0.007579	0.057083	0	0	0	0	0.219616	0.03662	2.081778	0	0.010465	0.005689	0
0	0.000401348	0.002462	0	0.171381	0.092129	0	0.008641	0.053007	0	0	0	0	0.009837	0.060344	0	0	0	0	0.218606	0.041263	2.099422	0	0.010301	0.005537	0
0	0.000270373	0.002296	0	0.162258	0.093457	0	0.005821	0.049425	0	0	0	0	0.006627	0.056267	0	0	0	0	0.22	0.036366	2.082821	0	0.009752	0.005617	0
0	0.002013628	0.012055	0	0.17166	0.327554	0	0.043353	0.25954	0	0	0	0	0.049354	0.295467	0	0	0	0	0.2074	0.157411	7.397212	0	0.010317	0.019687	0
0	0.000976459	0.009797	0	0.172621	0.323761	0	0.021023	0.210932	0	0	0	0	0.023933	0.24013	0	0	0	0	0.214934	0.086741	7.198578	0	0.010375	0.019459	0
0	0.000986302	0.00973	0	0.171781	0.324999	0	0.021235	0.209494	0	0	0	0	0.024174	0.238493	0	0	0	0	0.215063	0.087764	7.189584	0	0.010325	0.019534	0
0	0.000375184	0.008247	0	0.169916	0.328571	0	0.008078	0.177558	0	0	0	0	0.009196	0.202136	0	0	0	0	0.219969	0.054271	7.029264	0	0.010213	0.019748	0
0	0.001918008	0.015588	0	0.172514	0.355287	0	0.041294	0.335606	0	0	0	0	0.04701	0.382062	0	0	0	0	0.208652	0.145398	8.190284	0	0.010369	0.021354	0
0	0.000498319	0.009311	0	0.173742	0.350042	0	0.010729	0.200468	0	0	0	0	0.012214	0.228218	0	0	0	0	0.218484	0.054269	7.616637	0	0.010443	0.021039	0
0	0.001105913	0.012417	0	0.172645	0.352108	0	0.02381	0.267341	0	0	0	0	0.027106	0.304347	0	0	0	0	0.214337	0.09416	7.89224	0	0.010377	0.021163	0
0	0.000414187	0.010273	0	0.170534	0.355096	0	0.008917	0.221177	0	0	0	0	0.010152	0.251793	0	0	0	0	0.219871	0.052118	7.623784	0	0.01025	0.021343	0
0	0.000846137	0.012592	0	0.172063	0.349774	0	0.018217	0.271109	0	0	0	0	0.020739	0.308637	0	0	0	0	0.216101	0.076573	7.861606	0	0.010342	0.021023	0
0	0.00037894	0.008976	0	0.162257	0.354379	0	0.008158	0.193242	0	0	0	0	0.009288	0.219991	0	0	0	0	0.219922	0.051136	7.531725	0	0.009752	0.0213	0
0	0.000632821	0.002751	0	0.174238	0.094203	0	0.013624	0.059231	0	0	0	0	0.01551	0.06743	0	0	0	0	0.217186	0.055842	2.116981	0	0.010472	0.005662	0
0	0.000336649	0.002346	0	0.174065	0.094602	0	0.007248	0.050516	0	0	0	0	0.008251	0.057509	0	0	0	0	0.219398	0.038207	2.083207	0	0.010462	0.005686	0
0	0.00050351	0.002556	0	0.171247	0.092043	0	0.01084	0.055029	0	0	0	0	0.012341	0.062647	0	0	0	0	0.217818	0.047508	2.107389	0	0.010293	0.005532	0
0	0.000267012	0.002295	0	0.161462	0.093146	0	0.005749	0.049413	0	0	0	0	0.006544	0.056253	0	0	0	0	0.22	0.036213	2.083619	0	0.009704	0.005598	0
0	0.001505566	0.012887	0	0.172687	0.546067	0	0.032414	0.27746	0	0	0	0	0.036901	0.315867	0	0	0	0	0.1359	0.10848	6.510231	0	0.010379	0.032821	0
0	0.001226139	0.012217	0	0.173801	0.546973	0	0.026398	0.263021	0	0	0	0	0.030053	0.299429	0	0	0	0	0.148673	0.091445	7.044711	0	0.010446	0.032875	0
0	0.002379143	0.021204	0	0.175149	0.524717	0	0.051222	0.456517	0	0	0	0	0.058313	0.51971	0	0	0	0	0.117016	0.15068	6.267118	0	0.010527	0.031538	0
0	0.002154889	0.0204	0	0.175379	0.523146	0	0.046394	0.4392	0	0	0	0	0.052816	0.499996	0	0	0	0	0.127494	0.140185	6.497887	0	0.010541	0.031443	0
0	0.00029021	0.006348	0	0.1662	0.26121	0	0.006248	0.136664	0	0	0	0	0.007113	0.155582	0	0	0	0	0.22	0.035412	5.669991	0	0.009989	0.0157	0
0	0.000255555	0.006327	0	0.16541	0.260836	0	0.005502	0.136212	0	0	0	0	0.006264	0.155067	0	0	0	0	0.22	0.03521	5.699646	0	0.009942	0.015677	0
0	0.000204431	0.006305	0	0.166195	0.260726	0	0.004401	0.135746	0	0	0	0	0.005011	0.154537	0	0	0	0	0.22	0.031929	5.730254	0	0.009989	0.015671	0
0	0.00059752	0.484615	0	0.243126	3.878637	0	0.012864	10.43362	0	0	0	0	0.014645	11.87788	0	0	0	0	0.22	0.065556	153.8082	0	0.014613	0.233121	0
0	0.000555138	0.601485	0	0.242177	4.719601	0	0.011952	12.94982	0	0	0	0	0.013606	14.74238	0	0	0	0	0.22	0.055998	191.0712	0	0.014556	0.283667	0
0	0.00060956	0.601474	0	0.24222	4.786109	0	0.013124	12.94956	0	0	0	0	0.01494	14.74209	0	0	0	0	0.22	0.066166	190.9186	0	0.014558	0.287664	0
0	0.000418353	0.158784	0	0.270939	1.281418	0	0.009007	3.41858	0	0	0	0	0.010254	3.891793	0	0	0	0	0.22	0.04633	50.51232	0	0.016284	0.077018	0
0	0.000524316	0.158784	0	0.256757	1.340906	0	0.011288	3.41858	0	0	0	0	0.012851	3.891793	0	0	0	0	0.22	0.085748	50.51232	0	0.015432	0.080594	0
0	0.003551009	0.053629	0	0.266731	0.529128	0	0.076452	1.154628	0	0	0	0	0.087035	1.314456	0	0	0	0	0.096877	0.313054	7.767053	0	0.016032	0.031803	0
0	0.000394474	0.086596	0	0.256674	0.69909	0	0.008493	1.864396	0	0	0	0	0.009669	2.122473	0	0	0	0	0.219969	0.049972	27.40276	0	0.015427	0.042018	0
0	0.000731791	0.08793	0	0.256391	0.74743	0	0.015755	1.893109	0	0	0	0	0.017936	2.155161	0	0	0	0	0.219823	0.090027	26.752	0	0.01541	0.044923	0
0	0.000556332	0.087461	0	0.253801	0.714671	0	0.011978	1.88301	0	0	0	0	0.013636	2.143664	0	0	0	0	0.219875	0.070041	27.02414	0	0.015254	0.042955	0
0	8.88873E-05	0.047913	0	0.596142	0.624187	0	0.001914	1.031555	0	0	0	0	0.002179	1.174346	0	0	0	0	0.033015	0.011635	4.518705	0	0.03583	0.037516	0
0	0.00067805	0.160437	0	0.244838	1.331252	0	0.014598	3.454171	0	0	0	0	0.016619	3.93231	0	0	0	0	0.219973	0.075948	50.47696	0	0.014716	0.080014	0
0	0.000445448	0.029512	0	0.254256	0.25332	0	0.00959	0.635388	0	0	0	0	0.010918	0.723341	0	0	0	0	0.22	0.063889	9.365352	0	0.015282	0.015226	0