Appendix C-2

Construction Health Risk Assessment Outputs

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Delaney Square Offsite HRA Cancer Risk

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_R	MMILK_RIS	WATER_RIS	FISH_RISK	CROP_RISI	BEEF_RISK	DAIRY_RISI	PIG_RISK	CHICKEN_	EGG_RISK
944	ALL		418205.3	3776593	9.28E-06	3.03YrCan	9.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
901	ALL		418114.3	3776455	9.06E-06	3.03YrCan	9.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
918	ALL		418115	3776534	8.75E-06	3.03YrCan	8.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
943	ALL		418184.8	3776594	8.35E-06	3.03YrCan	8.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
673	ALL	UCART2	418343.6	3776501	8.17E-06	3.03YrCan	8.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
694	ALL	UCART2	418343.6	3776510	8.16E-06	3.03YrCan	8.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
652	ALL	UCART2	418343.6	3776491	8.14E-06	3.03YrCan	8.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
715	ALL	UCART2	418343.6	3776519	8.11E-06	3.03YrCan	8.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
900	ALL		418111.4	3776444	8.09E-06	3.03YrCan	8.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
631	ALL	UCART2	418343.6	3776482	8.07E-06	3.03YrCan	8.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
736	ALL	UCART2	418343.6	3776528	8.01E-06	3.03YrCan	8.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
610	ALL	UCART2	418343.6	3776473	7.95E-06	3.03YrCan	7.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
902	ALL		418109.3	3776467	7.92E-06	3.03YrCan	7.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
903	ALL		418109	3776492	7.88E-06	3.03YrCan	7.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
757	ALL	UCART2	418343.6	3776537	7.86E-06	3.03YrCan	7.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
942	ALL		418168.7	3776594	7.82E-06	3.03YrCan	7.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
589	ALL	UCART2	418343.6	3776464	7.77E-06	3.03YrCan	7.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
917	ALL		418110	3776524	7.74E-06	3.03YrCan	7.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
778	ALL	UCART2	418343.6	3776546	7.65E-06	3.03YrCan	7.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
568	ALL	UCART2	418343.6	3776455	7.55E-06	3.03YrCan	7.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
799	ALL	UCART2	418343.6	3776556	7.37E-06	3.03YrCan	7.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
547	ALL	UCART2	418343.6	3776446	7.27E-06	3.03YrCan	7.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
919	ALL		418110.4	3776547	7.11E-06	3.03YrCan	7.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
820	ALL	UCART2	418343.6	3776565	6.99E-06	3.03YrCan	6.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
950	ALL		418301.3	3776599	6.98E-06	3.03YrCan	6.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
939	ALL		418152.1	3776594	6.95E-06	3.03YrCan	6.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
526	ALL	UCART2	418343.6	3776436	6.91E-06	3.03YrCan	6.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
841	ALL	UCART2	418343.6	3776574	6.52E-06	3.03YrCan	6.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
505	ALL	UCART2	418343.6	3776427	6.47E-06	3.03YrCan	6.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
695	ALL	UCART2	418360.9	3776510	6.30E-06	3.03YrCan	6.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
674	ALL	UCART2	418360.9	3776501	6.29E-06	3.03YrCan	6.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
716	ALL	UCART2	418360.9	3776519	6.27E-06	3.03YrCan	6.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
653	ALL	UCART2	418360.9	3776491	6.24E-06	3.03YrCan	6.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
737	ALL	UCART2	418360.9	3776528	6.21E-06	3.03YrCan	6.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
632	ALL	UCART2	418360.9	3776482	6.17E-06	3.03YrCan	6.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
758	ALL	UCART2	418360.9	3776537	6.11E-06	3.03YrCan	6.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
611	ALL	UCART2	418360.9	3776473	6.05E-06	3.03YrCan	6.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
891	ALL		418108.2	3776410	6.04E-06	3.03YrCan	6.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
779	ALL	UCART2	418360.9	3776546	5.97E-06	3.03YrCan	5.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
484	ALL	UCART2	418343.6	3776418	5.95E-06	3.03YrCan	5.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
862	ALL	UCART2	418343.6	3776583	5.95E-06	3.03YrCan	5.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
590	ALL	UCART2	418360.9	3776464	5.89E-06	3.03YrCan	5.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
800	ALL	UCART2	418360.9	3776556	5.78E-06	3.03YrCan	5.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
569	ALL	UCART2	418360.9	3776455	5.69E-06	3.03YrCan	5.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

945	ALL		418205.3	3776612	5.69E-06	3.03YrCan	5.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
821	ALL	UCART2	418360.9	3776565	5.53E-06	3.03YrCan	5.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
947	ALL		418242.5	3776615	5.53E-06	3.03YrCan	5.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
920	ALL		418109.3	3776572	5.48E-06	3.03YrCan	5.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
548	ALL	UCART2	418360.9	3776446	5.45E-06	3.03YrCan	5.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
946	ALL		418227.1	3776616	5.43E-06	3.03YrCan	5.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
463	ALL	UCART2	418343.6	3776409	5.36E-06	3.03YrCan	5.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
429	ALL	UCART1	418241.7	3776362	5.35E-06	3.03YrCan	5.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
428	ALL	UCART1	418203.6	3776362	5.33E-06	3.03YrCan	5.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
948	ALL		418264.6	3776617	5.33E-06	3.03YrCan	5.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
949	ALL		418282.5	3776615	5.27E-06	3.03YrCan	5.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
842	ALL	UCART2	418360.9	3776574	5.23E-06	3.03YrCan	5.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
527	ALL	UCART2	418360.9	3776436	5.16E-06	3.03YrCan	5.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
696	ALL	UCART2	418378.3	3776510	5.03E-06	3.03YrCan	5.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
717	ALL	UCART2	418378.3	3776519	5.03E-06	3.03YrCan	5.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
675	ALL	UCART2	418378.3	3776501	5.01E-06	3.03YrCan	5.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
738	ALL	UCART2	418378.3	3776528	5.00E-06	3.03YrCan	5.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
654	ALL	UCART2	418378.3	3776491	4.96E-06	3.03YrCan	4.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
759	ALL	UCART2	418378.3	3776537	4.93E-06	3.03YrCan	4.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
633	ALL	UCART2	418378.3	3776482	4.88E-06	3.03YrCan	4.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
863	ALL	UCART2	418360.9	3776583	4.87E-06	3.03YrCan	4.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
780	ALL	UCART2	418378.3	3776546	4.83E-06	3.03YrCan	4.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
506	ALL	UCART2	418360.9	3776427	4.82E-06	3.03YrCan	4.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
427	ALL	UCART1	418165.5	3776362	4.82E-06	3.03YrCan	4.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
430	ALL	UCART1	418279.9	3776362	4.77E-06	3.03YrCan	4.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
612	ALL	UCART2	418378.3	3776473	4.77E-06	3.03YrCan	4.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
442	ALL	UCART2	418343.6	3776400	4.72E-06	3.03YrCan	4.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
801	ALL	UCART2	418378.3	3776556	4.70E-06	3.03YrCan	4.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
591	ALL	UCART2	418378.3	3776464	4.63E-06	3.03YrCan	4.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
951	ALL		418301	3776620	4.54E-06	3.03YrCan	4.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
822	ALL	UCART2	418378.3	3776565	4.53E-06	3.03YrCan	4.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
570	ALL	UCART2	418378.3	3776455	4.46E-06	3.03YrCan	4.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
485	ALL	UCART2	418360.9	3776418	4.44E-06	3.03YrCan	4.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
916	ALL		418085.5	3776517	4.37E-06	3.03YrCan	4.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
843	ALL	UCART2	418378.3	3776574	4.33E-06	3.03YrCan	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
904	ALL		418083	3776494	4.31E-06	3.03YrCan	4.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
549	ALL	UCART2	418378.3	3776446	4.26E-06	3.03YrCan	4.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
940	ALL		418152.7	3776613	4.25E-06	3.03YrCan	4.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
899	ALL		418086.2	3776436	4.24E-06	3.03YrCan	4.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
718	ALL	UCART2	418395.6	3776519	4.13E-06	3.03YrCan	4.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
697	ALL	UCART2	418395.6	3776510	4.12E-06	3.03YrCan	4.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
739	ALL	UCART2	418395.6	3776528	4.11E-06	3.03YrCan	4.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
676	ALL	UCART2	418395.6	3776501	4.09E-06	3.03YrCan	4.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
864	ALL	UCART2	418378.3	3776583	4.09E-06	3.03YrCan	4.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
760	ALL	UCART2	418395.6	3776537	4.07E-06	3.03YrCan	4.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
464	ALL	UCART2	418360.9	3776409	4.04E-06	3.03YrCan	4.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

655	ALL	UCART2	418395.6	3776491	4.04E-06	3.03YrCan	4.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
528	ALL	UCART2	418378.3	3776436	4.03E-06	3.03YrCan	4.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
781	ALL	UCART2	418395.6	3776546	4.01E-06	3.03YrCan	4.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
634	ALL	UCART2	418395.6	3776482	3.96E-06	3.03YrCan	3.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
802	ALL	UCART2	418395.6	3776556	3.92E-06	3.03YrCan	3.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
613	ALL	UCART2	418395.6	3776473	3.86E-06	3.03YrCan	3.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
823	ALL	UCART2	418395.6	3776565	3.80E-06	3.03YrCan	3.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
407	ALL	UCART1	418203.6	3776344	3.77E-06	3.03YrCan	3.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
507	ALL	UCART2	418378.3	3776427	3.77E-06	3.03YrCan	3.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
961	ALL		418341.1	3776619	3.75E-06	3.03YrCan	3.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
408	ALL	UCART1	418241.7	3776344	3.74E-06	3.03YrCan	3.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
592	ALL	UCART2	418395.6	3776464	3.74E-06	3.03YrCan	3.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
426	ALL	UCART1	418127.3	3776362	3.72E-06	3.03YrCan	3.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
844	ALL	UCART2	418395.6	3776574	3.66E-06	3.03YrCan	3.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
443	ALL	UCART2	418360.9	3776400	3.63E-06	3.03YrCan	3.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
571	ALL	UCART2	418395.6	3776455	3.59E-06	3.03YrCan	3.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
926	ALL		418102.6	3776592	3.57E-06	3.03YrCan	3.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
865	ALL	UCART2	418395.6	3776583	3.49E-06	3.03YrCan	3.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
486	ALL	UCART2	418378.3	3776418	3.49E-06	3.03YrCan	3.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
431	ALL	UCART1	418318	3776362	3.47E-06	3.03YrCan	3.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
406	ALL	UCART1	418165.5	3776344	3.47E-06	3.03YrCan	3.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
719	ALL	UCART2	418412.9	3776519	3.46E-06	3.03YrCan	3.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
740	ALL	UCART2	418412.9	3776528	3.45E-06	3.03YrCan	3.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
761	ALL	UCART2	418412.9	3776537	3.44E-06	3.03YrCan	3.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
698	ALL	UCART2	418412.9	3776510	3.44E-06	3.03YrCan	3.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
967	ALL		418363.2	3776615	3.42E-06	3.03YrCan	3.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
890	ALL		418081.9	3776410	3.42E-06	3.03YrCan	3.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
550	ALL	UCART2	418395.6	3776446	3.42E-06	3.03YrCan	3.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
677	ALL	UCART2	418412.9	3776501	3.40E-06	3.03YrCan	3.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
782	ALL	UCART2	418412.9	3776546	3.40E-06	3.03YrCan	3.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
958	ALL		418185.1	3776634	3.38E-06	3.03YrCan	3.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
656	ALL	UCART2	418412.9	3776491	3.35E-06	3.03YrCan	3.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
803	ALL	UCART2	418412.9	3776556	3.34E-06	3.03YrCan	3.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
409	ALL	UCART1	418279.9	3776344	3.33E-06	3.03YrCan	3.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
905	ALL		418068	3776494	3.29E-06	3.03YrCan	3.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
635	ALL	UCART2	418412.9	3776482	3.27E-06	3.03YrCan	3.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
824	ALL	UCART2	418412.9	3776565	3.26E-06	3.03YrCan	3.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
529	ALL	UCART2	418395.6	3776436	3.24E-06	3.03YrCan	3.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
465	ALL	UCART2	418378.3	3776409	3.20E-06	3.03YrCan	3.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
614	ALL	UCART2	418412.9	3776473	3.18E-06	3.03YrCan	3.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
921	ALL		418084	3776574	3.17E-06	3.03YrCan	3.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
845	ALL	UCART2	418412.9	3776574	3.16E-06	3.03YrCan	3.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
952	ALL		418301.9	3776642	3.09E-06	3.03YrCan	3.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
593	ALL	UCART2	418412.9	3776464	3.08E-06	3.03YrCan	3.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
915	ALL		418066.6	3776525	3.05E-06	3.03YrCan	3.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
866	ALL	UCART2	418412.9	3776583	3.04E-06	3.03YrCan	3.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

508	ALL	UCART2	418395.6	3776427	3.04E-06	3.03YrCan	3.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
971	ALL		418383.5	3776615	3.01E-06	3.03YrCan	3.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
941	ALL		418152.4	3776633	2.99E-06	3.03YrCan	2.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
898	ALL		418065.2	3776442	2.98E-06	3.03YrCan	2.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
741	ALL	UCART2	418430.3	3776528	2.97E-06	3.03YrCan	2.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
762	ALL	UCART2	418430.3	3776537	2.96E-06	3.03YrCan	2.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
720	ALL	UCART2	418430.3	3776519	2.96E-06	3.03YrCan	2.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
572	ALL	UCART2	418412.9	3776455	2.95E-06	3.03YrCan	2.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
783	ALL	UCART2	418430.3	3776546	2.94E-06	3.03YrCan	2.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
699	ALL	UCART2	418430.3	3776510	2.93E-06	3.03YrCan	2.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
955	ALL		418257.7	3776650	2.92E-06	3.03YrCan	2.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
444	ALL	UCART2	418378.3	3776400	2.91E-06	3.03YrCan	2.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
954	ALL		418281.6	3776649	2.90E-06	3.03YrCan	2.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
804	ALL	UCART2	418430.3	3776556	2.89E-06	3.03YrCan	2.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
678	ALL	UCART2	418430.3	3776501	2.89E-06	3.03YrCan	2.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
386	ALL	UCART1	418203.6	3776326	2.84E-06	3.03YrCan	2.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
825	ALL	UCART2	418430.3	3776565	2.84E-06	3.03YrCan	2.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
657	ALL	UCART2	418430.3	3776491	2.83E-06	3.03YrCan	2.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
405	ALL	UCART1	418127.3	3776344	2.83E-06	3.03YrCan	2.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
487	ALL	UCART2	418395.6	3776418	2.83E-06	3.03YrCan	2.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
551	ALL	UCART2	418412.9	3776446	2.82E-06	3.03YrCan	2.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
387	ALL	UCART1	418241.7	3776326	2.79E-06	3.03YrCan	2.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
846	ALL	UCART2	418430.3	3776574	2.76E-06	3.03YrCan	2.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
636	ALL	UCART2	418430.3	3776482	2.76E-06	3.03YrCan	2.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
615	ALL	UCART2	418430.3	3776473	2.68E-06	3.03YrCan	2.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
932	ALL		418100.6	3776612	2.67E-06	3.03YrCan	2.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
867	ALL	UCART2	418430.3	3776583	2.67E-06	3.03YrCan	2.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
530	ALL	UCART2	418412.9	3776436	2.67E-06	3.03YrCan	2.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
385	ALL	UCART1	418165.5	3776326	2.65E-06	3.03YrCan	2.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
466	ALL	UCART2	418395.6	3776409	2.61E-06	3.03YrCan	2.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
956	ALL		418216.2	3776655	2.60E-06	3.03YrCan	2.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
922	ALL		418068.4	3776568	2.60E-06	3.03YrCan	2.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
889	ALL		418062	3776417	2.59E-06	3.03YrCan	2.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
410	ALL	UCART1	418318	3776344	2.59E-06	3.03YrCan	2.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
594	ALL	UCART2	418430.3	3776464	2.59E-06	3.03YrCan	2.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
742	ALL	UCART2	418447.6	3776528	2.56E-06	3.03YrCan	2.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
763	ALL	UCART2	418447.6	3776537	2.56E-06	3.03YrCan	2.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
784	ALL	UCART2	418447.6	3776546	2.55E-06	3.03YrCan	2.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
721	ALL	UCART2	418447.6	3776519	2.55E-06	3.03YrCan	2.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
957	ALL		418195.9	3776654	2.53E-06	3.03YrCan	2.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
977	ALL		418404.9	3776622	2.52E-06	3.03YrCan	2.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
805	ALL	UCART2	418447.6	3776556	2.52E-06	3.03YrCan	2.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
700	ALL	UCART2	418447.6	3776510	2.52E-06	3.03YrCan	2.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
509	ALL	UCART2	418412.9	3776427	2.51E-06	3.03YrCan	2.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
388	ALL	UCART1	418279.9	3776326	2.51E-06	3.03YrCan	2.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
962	ALL		418341.5	3776649	2.50E-06	3.03YrCan	2.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

826	ALL	UCART2	418447.6	3776565	2.48E-06	3.03YrCan	2.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
573	ALL	UCART2	418430.3	3776455	2.48E-06	3.03YrCan	2.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
679	ALL	UCART2	418447.6	3776501	2.48E-06	3.03YrCan	2.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
425	ALL	UCART1	418089.2	3776362	2.47E-06	3.03YrCan	2.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
953	ALL		418302.5	3776658	2.44E-06	3.03YrCan	2.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
847	ALL	UCART2	418447.6	3776574	2.44E-06	3.03YrCan	2.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
658	ALL	UCART2	418447.6	3776491	2.43E-06	3.03YrCan	2.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
445	ALL	UCART2	418395.6	3776400	2.40E-06	3.03YrCan	2.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
868	ALL	UCART2	418447.6	3776583	2.37E-06	3.03YrCan	2.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
637	ALL	UCART2	418447.6	3776482	2.37E-06	3.03YrCan	2.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
552	ALL	UCART2	418430.3	3776446	2.36E-06	3.03YrCan	2.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
432	ALL	UCART1	418356.2	3776362	2.35E-06	3.03YrCan	2.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
488	ALL	UCART2	418412.9	3776418	2.35E-06	3.03YrCan	2.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
959	ALL		418176	3776656	2.33E-06	3.03YrCan	2.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
616	ALL	UCART2	418447.6	3776473	2.29E-06	3.03YrCan	2.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
927	ALL		418071.6	3776593	2.27E-06	3.03YrCan	2.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
764	ALL	UCART2	418464.9	3776537	2.25E-06	3.03YrCan	2.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
384	ALL	UCART1	418127.3	3776326	2.25E-06	3.03YrCan	2.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
978	ALL		418428	3776620	2.25E-06	3.03YrCan	2.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
785	ALL	UCART2	418464.9	3776546	2.24E-06	3.03YrCan	2.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
531	ALL	UCART2	418430.3	3776436	2.24E-06	3.03YrCan	2.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
743	ALL	UCART2	418464.9	3776528	2.24E-06	3.03YrCan	2.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
972	ALL		418382.8	3776646	2.23E-06	3.03YrCan	2.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
365	ALL	UCART1	418203.6	3776308	2.23E-06	3.03YrCan	2.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
806	ALL	UCART2	418464.9	3776556	2.23E-06	3.03YrCan	2.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
722	ALL	UCART2	418464.9	3776519	2.22E-06	3.03YrCan	2.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
595	ALL	UCART2	418447.6	3776464	2.21E-06	3.03YrCan	2.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
827	ALL	UCART2	418464.9	3776565	2.21E-06	3.03YrCan	2.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
701	ALL	UCART2	418464.9	3776510	2.19E-06	3.03YrCan	2.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
366	ALL	UCART1	418241.7	3776308	2.18E-06	3.03YrCan	2.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
467	ALL	UCART2	418412.9	3776409	2.18E-06	3.03YrCan	2.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
848	ALL	UCART2	418464.9	3776574	2.17E-06	3.03YrCan	2.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
680	ALL	UCART2	418464.9	3776501	2.15E-06	3.03YrCan	2.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
869	ALL	UCART2	418464.9	3776583	2.13E-06	3.03YrCan	2.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
574	ALL	UCART2	418447.6	3776455	2.12E-06	3.03YrCan	2.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
510	ALL	UCART2	418430.3	3776427	2.11E-06	3.03YrCan	2.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
933	ALL		418101.3	3776632	2.11E-06	3.03YrCan	2.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
960	ALL		418149.3	3776656	2.11E-06	3.03YrCan	2.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
364	ALL	UCART1	418165.5	3776308	2.11E-06	3.03YrCan	2.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
659	ALL	UCART2	418464.9	3776491	2.11E-06	3.03YrCan	2.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
404	ALL	UCART1	418089.2	3776344	2.07E-06	3.03YrCan	2.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
638	ALL	UCART2	418464.9	3776482	2.05E-06	3.03YrCan	2.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
389	ALL	UCART1	418318	3776326	2.04E-06	3.03YrCan	2.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
923	ALL		418049.5	3776567	2.03E-06	3.03YrCan	2.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
446	ALL	UCART2	418412.9	3776400	2.02E-06	3.03YrCan	2.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
553	ALL	UCART2	418447.6	3776446	2.02E-06	3.03YrCan	2.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

786	ALL	UCART2	418482.3	3776546	2.00E-06	3.03YrCan	2.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
765	ALL	UCART2	418482.3	3776537	1.99E-06	3.03YrCan	1.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
807	ALL	UCART2	418482.3	3776556	1.99E-06	3.03YrCan	1.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
744	ALL	UCART2	418482.3	3776528	1.98E-06	3.03YrCan	1.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
617	ALL	UCART2	418464.9	3776473	1.98E-06	3.03YrCan	1.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
489	ALL	UCART2	418430.3	3776418	1.98E-06	3.03YrCan	1.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
828	ALL	UCART2	418482.3	3776565	1.98E-06	3.03YrCan	1.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
367	ALL	UCART1	418279.9	3776308	1.97E-06	3.03YrCan	1.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
723	ALL	UCART2	418482.3	3776519	1.97E-06	3.03YrCan	1.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
849	ALL	UCART2	418482.3	3776574	1.96E-06	3.03YrCan	1.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
702	ALL	UCART2	418482.3	3776510	1.93E-06	3.03YrCan	1.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
870	ALL	UCART2	418482.3	3776583	1.92E-06	3.03YrCan	1.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
532	ALL	UCART2	418447.6	3776436	1.92E-06	3.03YrCan	1.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
596	ALL	UCART2	418464.9	3776464	1.91E-06	3.03YrCan	1.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
411	ALL	UCART1	418356.2	3776344	1.90E-06	3.03YrCan	1.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
681	ALL	UCART2	418482.3	3776501	1.89E-06	3.03YrCan	1.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
906	ALL		418027.1	3776490	1.86E-06	3.03YrCan	1.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
914	ALL		418030.6	3776526	1.86E-06	3.03YrCan	1.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
468	ALL	UCART2	418430.3	3776409	1.86E-06	3.03YrCan	1.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
660	ALL	UCART2	418482.3	3776491	1.85E-06	3.03YrCan	1.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
363	ALL	UCART1	418127.3	3776308	1.84E-06	3.03YrCan	1.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
897	ALL		418029.9	3776440	1.84E-06	3.03YrCan	1.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
963	ALL		418340.8	3776675	1.84E-06	3.03YrCan	1.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
931	ALL		418065.7	3776612	1.84E-06	3.03YrCan	1.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
575	ALL	UCART2	418464.9	3776455	1.83E-06	3.03YrCan	1.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
787	ALL	UCART2	418499.6	3776546	1.82E-06	3.03YrCan	1.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
808	ALL	UCART2	418499.6	3776556	1.82E-06	3.03YrCan	1.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
511	ALL	UCART2	418447.6	3776427	1.81E-06	3.03YrCan	1.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
766	ALL	UCART2	418499.6	3776537	1.81E-06	3.03YrCan	1.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
829	ALL	UCART2	418499.6	3776565	1.81E-06	3.03YrCan	1.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
344	ALL	UCART1	418203.6	3776290	1.80E-06	3.03YrCan	1.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
639	ALL	UCART2	418482.3	3776482	1.80E-06	3.03YrCan	1.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
934	ALL		418102	3776647	1.80E-06	3.03YrCan	1.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
850	ALL	UCART2	418499.6	3776574	1.79E-06	3.03YrCan	1.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
745	ALL	UCART2	418499.6	3776528	1.78E-06	3.03YrCan	1.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
871	ALL	UCART2	418499.6	3776583	1.77E-06	3.03YrCan	1.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
345	ALL	UCART1	418241.7	3776290	1.76E-06	3.03YrCan	1.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
968	ALL		418362.5	3776674	1.76E-06	3.03YrCan	1.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
383	ALL	UCART1	418089.2	3776326	1.76E-06	3.03YrCan	1.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
724	ALL	UCART2	418499.6	3776519	1.76E-06	3.03YrCan	1.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
979	ALL		418424.1	3776658	1.75E-06	3.03YrCan	1.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
554	ALL	UCART2	418464.9	3776446	1.75E-06	3.03YrCan	1.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
618	ALL	UCART2	418482.3	3776473	1.74E-06	3.03YrCan	1.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
447	ALL	UCART2	418430.3	3776400	1.73E-06	3.03YrCan	1.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
703	ALL	UCART2	418499.6	3776510	1.73E-06	3.03YrCan	1.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
343	ALL	UCART1	418165.5	3776290	1.72E-06	3.03YrCan	1.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

490	ALL	UCART2	418447.6	3776418	1.71E-06	3.03YrCan	1.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
682	ALL	UCART2	418499.6	3776501	1.69E-06	3.03YrCan	1.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
433	ALL	UCART1	418394.3	3776362	1.68E-06	3.03YrCan	1.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
597	ALL	UCART2	418482.3	3776464	1.67E-06	3.03YrCan	1.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
424	ALL	UCART1	418051	3776362	1.67E-06	3.03YrCan	1.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
981	ALL		418491.4	3776621	1.67E-06	3.03YrCan	1.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
533	ALL	UCART2	418464.9	3776436	1.67E-06	3.03YrCan	1.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
368	ALL	UCART1	418318	3776308	1.66E-06	3.03YrCan	1.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
809	ALL	UCART2	418516.9	3776556	1.66E-06	3.03YrCan	1.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
851	ALL	UCART2	418516.9	3776574	1.66E-06	3.03YrCan	1.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
788	ALL	UCART2	418516.9	3776546	1.66E-06	3.03YrCan	1.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
830	ALL	UCART2	418516.9	3776565	1.65E-06	3.03YrCan	1.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
973	ALL		418383.1	3776676	1.65E-06	3.03YrCan	1.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
661	ALL	UCART2	418499.6	3776491	1.65E-06	3.03YrCan	1.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
767	ALL	UCART2	418516.9	3776537	1.65E-06	3.03YrCan	1.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
872	ALL	UCART2	418516.9	3776583	1.64E-06	3.03YrCan	1.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
924	ALL		418029.6	3776567	1.62E-06	3.03YrCan	1.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
746	ALL	UCART2	418516.9	3776528	1.62E-06	3.03YrCan	1.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
346	ALL	UCART1	418279.9	3776290	1.61E-06	3.03YrCan	1.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
469	ALL	UCART2	418447.6	3776409	1.61E-06	3.03YrCan	1.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
576	ALL	UCART2	418482.3	3776455	1.61E-06	3.03YrCan	1.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
640	ALL	UCART2	418499.6	3776482	1.60E-06	3.03YrCan	1.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
725	ALL	UCART2	418516.9	3776519	1.60E-06	3.03YrCan	1.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
930	ALL		418074.2	3776638	1.59E-06	3.03YrCan	1.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
888	ALL		418022.8	3776413	1.58E-06	3.03YrCan	1.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
390	ALL	UCART1	418356.2	3776326	1.58E-06	3.03YrCan	1.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
512	ALL	UCART2	418464.9	3776427	1.58E-06	3.03YrCan	1.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
980	ALL		418446.9	3776662	1.57E-06	3.03YrCan	1.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
704	ALL	UCART2	418516.9	3776510	1.56E-06	3.03YrCan	1.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
619	ALL	UCART2	418499.6	3776473	1.54E-06	3.03YrCan	1.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
342	ALL	UCART1	418127.3	3776290	1.54E-06	3.03YrCan	1.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
913	ALL		418012.8	3776522	1.54E-06	3.03YrCan	1.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
555	ALL	UCART2	418482.3	3776446	1.54E-06	3.03YrCan	1.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
831	ALL	UCART2	418534.2	3776565	1.53E-06	3.03YrCan	1.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
928	ALL		418037.9	3776598	1.53E-06	3.03YrCan	1.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
852	ALL	UCART2	418534.2	3776574	1.53E-06	3.03YrCan	1.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
810	ALL	UCART2	418534.2	3776556	1.52E-06	3.03YrCan	1.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
683	ALL	UCART2	418516.9	3776501	1.52E-06	3.03YrCan	1.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
907	ALL		418008.9	3776491	1.52E-06	3.03YrCan	1.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
789	ALL	UCART2	418534.2	3776546	1.52E-06	3.03YrCan	1.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
873	ALL	UCART2	418534.2	3776583	1.51E-06	3.03YrCan	1.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
448	ALL	UCART2	418447.6	3776400	1.51E-06	3.03YrCan	1.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
768	ALL	UCART2	418534.2	3776537	1.51E-06	3.03YrCan	1.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
362	ALL	UCART1	418089.2	3776308	1.51E-06	3.03YrCan	1.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
896	ALL		418010.7	3776444	1.50E-06	3.03YrCan	1.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
323	ALL	UCART1	418203.6	3776272	1.49E-06	3.03YrCan	1.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

491	ALL	UCART2	418464.9	3776418	1.49E-06	3.03YrCan	1.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
403	ALL	UCART1	418051	3776344	1.49E-06	3.03YrCan	1.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
598	ALL	UCART2	418499.6	3776464	1.49E-06	3.03YrCan	1.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
662	ALL	UCART2	418516.9	3776491	1.48E-06	3.03YrCan	1.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
747	ALL	UCART2	418534.2	3776528	1.48E-06	3.03YrCan	1.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
982	ALL		418493.5	3776651	1.47E-06	3.03YrCan	1.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
534	ALL	UCART2	418482.3	3776436	1.46E-06	3.03YrCan	1.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
324	ALL	UCART1	418241.7	3776272	1.46E-06	3.03YrCan	1.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
726	ALL	UCART2	418534.2	3776519	1.45E-06	3.03YrCan	1.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
322	ALL	UCART1	418165.5	3776272	1.44E-06	3.03YrCan	1.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
641	ALL	UCART2	418516.9	3776482	1.44E-06	3.03YrCan	1.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
412	ALL	UCART1	418394.3	3776344	1.43E-06	3.03YrCan	1.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
832	ALL	UCART2	418551.6	3776565	1.43E-06	3.03YrCan	1.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
874	ALL	UCART2	418551.6	3776583	1.43E-06	3.03YrCan	1.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
853	ALL	UCART2	418551.6	3776574	1.43E-06	3.03YrCan	1.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
577	ALL	UCART2	418499.6	3776455	1.43E-06	3.03YrCan	1.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
811	ALL	UCART2	418551.6	3776556	1.42E-06	3.03YrCan	1.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
705	ALL	UCART2	418534.2	3776510	1.41E-06	3.03YrCan	1.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
990	ALL		418542.7	3776624	1.41E-06	3.03YrCan	1.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
790	ALL	UCART2	418551.6	3776546	1.41E-06	3.03YrCan	1.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
470	ALL	UCART2	418464.9	3776409	1.41E-06	3.03YrCan	1.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
513	ALL	UCART2	418482.3	3776427	1.39E-06	3.03YrCan	1.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
620	ALL	UCART2	418516.9	3776473	1.39E-06	3.03YrCan	1.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
347	ALL	UCART1	418318	3776290	1.38E-06	3.03YrCan	1.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
887	ALL		418009.3	3776412	1.38E-06	3.03YrCan	1.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
684	ALL	UCART2	418534.2	3776501	1.38E-06	3.03YrCan	1.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
769	ALL	UCART2	418551.6	3776537	1.37E-06	3.03YrCan	1.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
925	ALL		418012.8	3776569	1.37E-06	3.03YrCan	1.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
556	ALL	UCART2	418499.6	3776446	1.36E-06	3.03YrCan	1.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
964	ALL		418341.5	3776703	1.36E-06	3.03YrCan	1.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
929	ALL		418042.5	3776625	1.36E-06	3.03YrCan	1.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
748	ALL	UCART2	418551.6	3776528	1.36E-06	3.03YrCan	1.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
325	ALL	UCART1	418279.9	3776272	1.34E-06	3.03YrCan	1.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
854	ALL	UCART2	418568.9	3776574	1.34E-06	3.03YrCan	1.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
369	ALL	UCART1	418356.2	3776308	1.34E-06	3.03YrCan	1.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
875	ALL	UCART2	418568.9	3776583	1.34E-06	3.03YrCan	1.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
663	ALL	UCART2	418534.2	3776491	1.33E-06	3.03YrCan	1.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
727	ALL	UCART2	418551.6	3776519	1.33E-06	3.03YrCan	1.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
382	ALL	UCART1	418051	3776326	1.33E-06	3.03YrCan	1.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
833	ALL	UCART2	418568.9	3776565	1.33E-06	3.03YrCan	1.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
599	ALL	UCART2	418516.9	3776464	1.33E-06	3.03YrCan	1.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
449	ALL	UCART2	418464.9	3776400	1.33E-06	3.03YrCan	1.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
969	ALL		418363.2	3776703	1.32E-06	3.03YrCan	1.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
812	ALL	UCART2	418568.9	3776556	1.32E-06	3.03YrCan	1.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
492	ALL	UCART2	418482.3	3776418	1.32E-06	3.03YrCan	1.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
321	ALL	UCART1	418127.3	3776272	1.31E-06	3.03YrCan	1.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

791	ALL	UCART2	418568.9	3776546	1.31E-06	3.03YrCan	1.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
341	ALL	UCART1	418089.2	3776290	1.30E-06	3.03YrCan	1.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
535	ALL	UCART2	418499.6	3776436	1.30E-06	3.03YrCan	1.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
706	ALL	UCART2	418551.6	3776510	1.30E-06	3.03YrCan	1.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
642	ALL	UCART2	418534.2	3776482	1.29E-06	3.03YrCan	1.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
895	ALL		417995.8	3776444	1.29E-06	3.03YrCan	1.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
912	ALL		417995.4	3776523	1.29E-06	3.03YrCan	1.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
983	ALL		418492.5	3776676	1.29E-06	3.03YrCan	1.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
770	ALL	UCART2	418568.9	3776537	1.29E-06	3.03YrCan	1.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
991	ALL		418573.6	3776624	1.28E-06	3.03YrCan	1.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
578	ALL	UCART2	418516.9	3776455	1.27E-06	3.03YrCan	1.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
908	ALL		417991.1	3776490	1.27E-06	3.03YrCan	1.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
938	ALL		418079.2	3776670	1.27E-06	3.03YrCan	1.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
434	ALL	UCART1	418432.4	3776362	1.27E-06	3.03YrCan	1.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
974	ALL		418384.9	3776704	1.27E-06	3.03YrCan	1.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
749	ALL	UCART2	418568.9	3776528	1.27E-06	3.03YrCan	1.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
685	ALL	UCART2	418551.6	3776501	1.26E-06	3.03YrCan	1.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
876	ALL	UCART2	418586.2	3776583	1.26E-06	3.03YrCan	1.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
302	ALL	UCART1	418203.6	3776253	1.26E-06	3.03YrCan	1.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
855	ALL	UCART2	418586.2	3776574	1.26E-06	3.03YrCan	1.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
834	ALL	UCART2	418586.2	3776565	1.25E-06	3.03YrCan	1.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
471	ALL	UCART2	418482.3	3776409	1.25E-06	3.03YrCan	1.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
621	ALL	UCART2	418534.2	3776473	1.24E-06	3.03YrCan	1.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
728	ALL	UCART2	418568.9	3776519	1.24E-06	3.03YrCan	1.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
514	ALL	UCART2	418499.6	3776427	1.23E-06	3.03YrCan	1.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
813	ALL	UCART2	418586.2	3776556	1.23E-06	3.03YrCan	1.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
391	ALL	UCART1	418394.3	3776326	1.23E-06	3.03YrCan	1.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
303	ALL	UCART1	418241.7	3776253	1.23E-06	3.03YrCan	1.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
301	ALL	UCART1	418165.5	3776253	1.23E-06	3.03YrCan	1.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
792	ALL	UCART2	418586.2	3776546	1.22E-06	3.03YrCan	1.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
557	ALL	UCART2	418516.9	3776446	1.22E-06	3.03YrCan	1.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
664	ALL	UCART2	418551.6	3776491	1.22E-06	3.03YrCan	1.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
707	ALL	UCART2	418568.9	3776510	1.21E-06	3.03YrCan	1.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
771	ALL	UCART2	418586.2	3776537	1.20E-06	3.03YrCan	1.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
600	ALL	UCART2	418534.2	3776464	1.20E-06	3.03YrCan	1.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
423	ALL	UCART1	418012.9	3776362	1.19E-06	3.03YrCan	1.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
361	ALL	UCART1	418051	3776308	1.19E-06	3.03YrCan	1.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
750	ALL	UCART2	418586.2	3776528	1.18E-06	3.03YrCan	1.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
450	ALL	UCART2	418482.3	3776400	1.18E-06	3.03YrCan	1.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
686	ALL	UCART2	418568.9	3776501	1.18E-06	3.03YrCan	1.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
326	ALL	UCART1	418318	3776272	1.18E-06	3.03YrCan	1.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
992	ALL		418601	3776624	1.17E-06	3.03YrCan	1.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
493	ALL	UCART2	418499.6	3776418	1.17E-06	3.03YrCan	1.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
877	ALL	UCART2	418603.6	3776583	1.17E-06	3.03YrCan	1.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
643	ALL	UCART2	418551.6	3776482	1.17E-06	3.03YrCan	1.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
856	ALL	UCART2	418603.6	3776574	1.17E-06	3.03YrCan	1.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

536	ALL	UCART2	418516.9	3776436	1.16E-06	3.03YrCan	1.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
886	ALL		417990.4	3776412	1.16E-06	3.03YrCan	1.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
835	ALL	UCART2	418603.6	3776565	1.16E-06	3.03YrCan	1.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
729	ALL	UCART2	418586.2	3776519	1.15E-06	3.03YrCan	1.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
348	ALL	UCART1	418356.2	3776290	1.15E-06	3.03YrCan	1.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
579	ALL	UCART2	418534.2	3776455	1.15E-06	3.03YrCan	1.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
814	ALL	UCART2	418603.6	3776556	1.15E-06	3.03YrCan	1.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
320	ALL	UCART1	418089.2	3776272	1.14E-06	3.03YrCan	1.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
304	ALL	UCART1	418279.9	3776253	1.14E-06	3.03YrCan	1.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
665	ALL	UCART2	418568.9	3776491	1.13E-06	3.03YrCan	1.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
300	ALL	UCART1	418127.3	3776253	1.13E-06	3.03YrCan	1.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
793	ALL	UCART2	418603.6	3776546	1.13E-06	3.03YrCan	1.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
622	ALL	UCART2	418551.6	3776473	1.13E-06	3.03YrCan	1.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
708	ALL	UCART2	418586.2	3776510	1.12E-06	3.03YrCan	1.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
472	ALL	UCART2	418499.6	3776409	1.11E-06	3.03YrCan	1.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
909	ALL		417976.2	3776488	1.11E-06	3.03YrCan	1.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
413	ALL	UCART1	418432.4	3776344	1.11E-06	3.03YrCan	1.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
772	ALL	UCART2	418603.6	3776537	1.11E-06	3.03YrCan	1.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
515	ALL	UCART2	418516.9	3776427	1.11E-06	3.03YrCan	1.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
894	ALL		417978.7	3776443	1.11E-06	3.03YrCan	1.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
402	ALL	UCART1	418012.9	3776344	1.10E-06	3.03YrCan	1.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
558	ALL	UCART2	418534.2	3776446	1.10E-06	3.03YrCan	1.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
878	ALL	UCART2	418620.9	3776583	1.10E-06	3.03YrCan	1.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
644	ALL	UCART2	418568.9	3776482	1.10E-06	3.03YrCan	1.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
857	ALL	UCART2	418620.9	3776574	1.09E-06	3.03YrCan	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
687	ALL	UCART2	418586.2	3776501	1.09E-06	3.03YrCan	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
751	ALL	UCART2	418603.6	3776528	1.09E-06	3.03YrCan	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
601	ALL	UCART2	418551.6	3776464	1.08E-06	3.03YrCan	1.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
836	ALL	UCART2	418620.9	3776565	1.08E-06	3.03YrCan	1.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
281	ALL	UCART1	418203.6	3776235	1.08E-06	3.03YrCan	1.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
370	ALL	UCART1	418394.3	3776308	1.07E-06	3.03YrCan	1.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
984	ALL		418493.2	3776705	1.07E-06	3.03YrCan	1.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
965	ALL		418342.2	3776729	1.07E-06	3.03YrCan	1.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
815	ALL	UCART2	418620.9	3776556	1.06E-06	3.03YrCan	1.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
340	ALL	UCART1	418051	3776290	1.06E-06	3.03YrCan	1.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
987	ALL		418419.8	3776720	1.06E-06	3.03YrCan	1.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
623	ALL	UCART2	418568.9	3776473	1.06E-06	3.03YrCan	1.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
730	ALL	UCART2	418603.6	3776519	1.06E-06	3.03YrCan	1.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
280	ALL	UCART1	418165.5	3776235	1.06E-06	3.03YrCan	1.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
666	ALL	UCART2	418586.2	3776491	1.05E-06	3.03YrCan	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
451	ALL	UCART2	418499.6	3776400	1.05E-06	3.03YrCan	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
494	ALL	UCART2	418516.9	3776418	1.05E-06	3.03YrCan	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
282	ALL	UCART1	418241.7	3776235	1.05E-06	3.03YrCan	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
794	ALL	UCART2	418620.9	3776546	1.05E-06	3.03YrCan	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
537	ALL	UCART2	418534.2	3776436	1.05E-06	3.03YrCan	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
580	ALL	UCART2	418551.6	3776455	1.04E-06	3.03YrCan	1.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

709	ALL	UCART2	418603.6	3776510	1.03E-06	3.03YrCan	1.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
988	ALL		418445.1	3776720	1.03E-06	3.03YrCan	1.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
879	ALL	UCART2	418638.2	3776583	1.03E-06	3.03YrCan	1.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
773	ALL	UCART2	418620.9	3776537	1.03E-06	3.03YrCan	1.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
935	ALL		418041.9	3776670	1.02E-06	3.03YrCan	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
858	ALL	UCART2	418638.2	3776574	1.02E-06	3.03YrCan	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
645	ALL	UCART2	418586.2	3776482	1.02E-06	3.03YrCan	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
381	ALL	UCART1	418012.9	3776326	1.02E-06	3.03YrCan	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
975	ALL		418384.6	3776729	1.02E-06	3.03YrCan	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
305	ALL	UCART1	418318	3776253	1.01E-06	3.03YrCan	1.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
602	ALL	UCART2	418568.9	3776464	1.01E-06	3.03YrCan	1.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
837	ALL	UCART2	418638.2	3776565	1.01E-06	3.03YrCan	1.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
752	ALL	UCART2	418620.9	3776528	1.01E-06	3.03YrCan	1.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
299	ALL	UCART1	418089.2	3776253	1.00E-06	3.03YrCan	1.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
885	ALL		417973	3776412	1.00E-06	3.03YrCan	1.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
688	ALL	UCART2	418603.6	3776501	1.00E-06	3.03YrCan	1.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
327	ALL	UCART1	418356.2	3776272	1.00E-06	3.03YrCan	1.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
473	ALL	UCART2	418516.9	3776409	1.00E-06	3.03YrCan	1.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
516	ALL	UCART2	418534.2	3776427	9.99E-07	3.03YrCan	9.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
435	ALL	UCART1	418470.6	3776362	9.96E-07	3.03YrCan	9.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
559	ALL	UCART2	418551.6	3776446	9.94E-07	3.03YrCan	9.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
937	ALL		418067.1	3776694	9.94E-07	3.03YrCan	9.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
816	ALL	UCART2	418638.2	3776556	9.93E-07	3.03YrCan	9.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
279	ALL	UCART1	418127.3	3776235	9.88E-07	3.03YrCan	9.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1001	ALL		418653.7	3776625	9.82E-07	3.03YrCan	9.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
283	ALL	UCART1	418279.9	3776235	9.80E-07	3.03YrCan	9.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
624	ALL	UCART2	418586.2	3776473	9.80E-07	3.03YrCan	9.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
392	ALL	UCART1	418432.4	3776326	9.80E-07	3.03YrCan	9.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
731	ALL	UCART2	418620.9	3776519	9.78E-07	3.03YrCan	9.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
795	ALL	UCART2	418638.2	3776546	9.74E-07	3.03YrCan	9.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
667	ALL	UCART2	418603.6	3776491	9.69E-07	3.03YrCan	9.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
581	ALL	UCART2	418568.9	3776455	9.68E-07	3.03YrCan	9.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
910	ALL		417959.8	3776490	9.67E-07	3.03YrCan	9.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
880	ALL	UCART2	418655.6	3776583	9.64E-07	3.03YrCan	9.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
993	ALL		418546.6	3776716	9.58E-07	3.03YrCan	9.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
774	ALL	UCART2	418638.2	3776537	9.55E-07	3.03YrCan	9.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
319	ALL	UCART1	418051	3776272	9.54E-07	3.03YrCan	9.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
859	ALL	UCART2	418655.6	3776574	9.54E-07	3.03YrCan	9.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
985	ALL		418492.1	3776724	9.54E-07	3.03YrCan	9.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
538	ALL	UCART2	418551.6	3776436	9.52E-07	3.03YrCan	9.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
710	ALL	UCART2	418620.9	3776510	9.51E-07	3.03YrCan	9.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
495	ALL	UCART2	418534.2	3776418	9.50E-07	3.03YrCan	9.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
452	ALL	UCART2	418516.9	3776400	9.48E-07	3.03YrCan	9.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
349	ALL	UCART1	418394.3	3776290	9.47E-07	3.03YrCan	9.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
838	ALL	UCART2	418655.6	3776565	9.41E-07	3.03YrCan	9.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
603	ALL	UCART2	418586.2	3776464	9.40E-07	3.03YrCan	9.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

996	ALL		418564.4	3776715	9.37E-07	3.03YrCan	9.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
646	ALL	UCART2	418603.6	3776482	9.35E-07	3.03YrCan	9.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
360	ALL	UCART1	418012.9	3776308	9.34E-07	3.03YrCan	9.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
260	ALL	UCART1	418203.6	3776217	9.33E-07	3.03YrCan	9.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
753	ALL	UCART2	418638.2	3776528	9.31E-07	3.03YrCan	9.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
817	ALL	UCART2	418655.6	3776556	9.25E-07	3.03YrCan	9.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
689	ALL	UCART2	418620.9	3776501	9.23E-07	3.03YrCan	9.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
560	ALL	UCART2	418568.9	3776446	9.22E-07	3.03YrCan	9.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
259	ALL	UCART1	418165.5	3776217	9.20E-07	3.03YrCan	9.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
261	ALL	UCART1	418241.7	3776217	9.10E-07	3.03YrCan	9.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
796	ALL	UCART2	418655.6	3776546	9.08E-07	3.03YrCan	9.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
517	ALL	UCART2	418551.6	3776427	9.08E-07	3.03YrCan	9.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
732	ALL	UCART2	418638.2	3776519	9.07E-07	3.03YrCan	9.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
881	ALL	UCART2	418672.9	3776583	9.05E-07	3.03YrCan	9.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
474	ALL	UCART2	418534.2	3776409	9.04E-07	3.03YrCan	9.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
625	ALL	UCART2	418603.6	3776473	8.99E-07	3.03YrCan	8.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
582	ALL	UCART2	418586.2	3776455	8.98E-07	3.03YrCan	8.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
893	ALL		417953	3776441	8.94E-07	3.03YrCan	8.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
860	ALL	UCART2	418672.9	3776574	8.92E-07	3.03YrCan	8.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
422	ALL	UCART1	417974.8	3776362	8.91E-07	3.03YrCan	8.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
936	ALL		418042.7	3776692	8.91E-07	3.03YrCan	8.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
668	ALL	UCART2	418620.9	3776491	8.90E-07	3.03YrCan	8.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
278	ALL	UCART1	418089.2	3776235	8.90E-07	3.03YrCan	8.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
884	ALL		417957.7	3776412	8.88E-07	3.03YrCan	8.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1002	ALL		418685.1	3776625	8.88E-07	3.03YrCan	8.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
414	ALL	UCART1	418470.6	3776344	8.88E-07	3.03YrCan	8.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
775	ALL	UCART2	418655.6	3776537	8.88E-07	3.03YrCan	8.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
284	ALL	UCART1	418318	3776235	8.84E-07	3.03YrCan	8.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
539	ALL	UCART2	418568.9	3776436	8.81E-07	3.03YrCan	8.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
711	ALL	UCART2	418638.2	3776510	8.80E-07	3.03YrCan	8.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
839	ALL	UCART2	418672.9	3776565	8.79E-07	3.03YrCan	8.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
306	ALL	UCART1	418356.2	3776253	8.78E-07	3.03YrCan	8.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
998	ALL		418601.8	3776717	8.76E-07	3.03YrCan	8.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
371	ALL	UCART1	418432.4	3776308	8.73E-07	3.03YrCan	8.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
258	ALL	UCART1	418127.3	3776217	8.71E-07	3.03YrCan	8.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
754	ALL	UCART2	418655.6	3776528	8.67E-07	3.03YrCan	8.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
496	ALL	UCART2	418551.6	3776418	8.66E-07	3.03YrCan	8.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
818	ALL	UCART2	418672.9	3776556	8.63E-07	3.03YrCan	8.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1000	ALL		418624.2	3776712	8.62E-07	3.03YrCan	8.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
604	ALL	UCART2	418603.6	3776464	8.61E-07	3.03YrCan	8.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
453	ALL	UCART2	418534.2	3776400	8.60E-07	3.03YrCan	8.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
298	ALL	UCART1	418051	3776253	8.60E-07	3.03YrCan	8.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
647	ALL	UCART2	418620.9	3776482	8.59E-07	3.03YrCan	8.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
561	ALL	UCART2	418586.2	3776446	8.58E-07	3.03YrCan	8.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
339	ALL	UCART1	418012.9	3776290	8.58E-07	3.03YrCan	8.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
262	ALL	UCART1	418279.9	3776217	8.55E-07	3.03YrCan	8.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

690	ALL	UCART2	418638.2	3776501	8.52E-07	3.03YrCan	8.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
966	ALL		418342.9	3776756	8.50E-07	3.03YrCan	8.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
882	ALL	UCART2	418690.2	3776583	8.50E-07	3.03YrCan	8.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
797	ALL	UCART2	418672.9	3776546	8.47E-07	3.03YrCan	8.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
733	ALL	UCART2	418655.6	3776519	8.42E-07	3.03YrCan	8.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
401	ALL	UCART1	417974.8	3776344	8.41E-07	3.03YrCan	8.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
328	ALL	UCART1	418394.3	3776272	8.39E-07	3.03YrCan	8.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
861	ALL	UCART2	418690.2	3776574	8.38E-07	3.03YrCan	8.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
518	ALL	UCART2	418568.9	3776427	8.35E-07	3.03YrCan	8.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1003	ALL		418704.6	3776626	8.34E-07	3.03YrCan	8.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
776	ALL	UCART2	418672.9	3776537	8.27E-07	3.03YrCan	8.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
626	ALL	UCART2	418620.9	3776473	8.26E-07	3.03YrCan	8.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
583	ALL	UCART2	418603.6	3776455	8.25E-07	3.03YrCan	8.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
669	ALL	UCART2	418638.2	3776491	8.24E-07	3.03YrCan	8.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
475	ALL	UCART2	418551.6	3776409	8.23E-07	3.03YrCan	8.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
840	ALL	UCART2	418690.2	3776565	8.23E-07	3.03YrCan	8.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
239	ALL	UCART1	418203.6	3776199	8.18E-07	3.03YrCan	8.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
540	ALL	UCART2	418586.2	3776436	8.17E-07	3.03YrCan	8.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
712	ALL	UCART2	418655.6	3776510	8.16E-07	3.03YrCan	8.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
911	ALL		417937.4	3776491	8.12E-07	3.03YrCan	8.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
892	ALL		417940.2	3776441	8.12E-07	3.03YrCan	8.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
989	ALL		418422	3776754	8.11E-07	3.03YrCan	8.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
238	ALL	UCART1	418165.5	3776199	8.09E-07	3.03YrCan	8.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
819	ALL	UCART2	418690.2	3776556	8.08E-07	3.03YrCan	8.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
755	ALL	UCART2	418672.9	3776528	8.06E-07	3.03YrCan	8.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
994	ALL		418547.3	3776744	8.06E-07	3.03YrCan	8.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
970	ALL		418365.3	3776761	8.02E-07	3.03YrCan	8.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
436	ALL	UCART1	418508.7	3776362	8.01E-07	3.03YrCan	8.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
393	ALL	UCART1	418470.6	3776326	7.98E-07	3.03YrCan	7.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
240	ALL	UCART1	418241.7	3776199	7.97E-07	3.03YrCan	7.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
257	ALL	UCART1	418089.2	3776217	7.95E-07	3.03YrCan	7.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
976	ALL		418384.9	3776760	7.94E-07	3.03YrCan	7.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
497	ALL	UCART2	418568.9	3776418	7.94E-07	3.03YrCan	7.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
648	ALL	UCART2	418638.2	3776482	7.94E-07	3.03YrCan	7.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
605	ALL	UCART2	418620.9	3776464	7.93E-07	3.03YrCan	7.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
995	ALL		418565.4	3776744	7.93E-07	3.03YrCan	7.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
380	ALL	UCART1	417974.8	3776326	7.91E-07	3.03YrCan	7.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
798	ALL	UCART2	418690.2	3776546	7.91E-07	3.03YrCan	7.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
691	ALL	UCART2	418655.6	3776501	7.90E-07	3.03YrCan	7.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
562	ALL	UCART2	418603.6	3776446	7.88E-07	3.03YrCan	7.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
318	ALL	UCART1	418012.9	3776272	7.88E-07	3.03YrCan	7.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
883	ALL		417940.9	3776411	7.85E-07	3.03YrCan	7.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
350	ALL	UCART1	418432.4	3776290	7.84E-07	3.03YrCan	7.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
454	ALL	UCART2	418551.6	3776400	7.84E-07	3.03YrCan	7.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
734	ALL	UCART2	418672.9	3776519	7.83E-07	3.03YrCan	7.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
263	ALL	UCART1	418318	3776217	7.78E-07	3.03YrCan	7.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

285	ALL	UCART1	418356.2	3776235	7.78E-07	3.03YrCan	7.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
519	ALL	UCART2	418586.2	3776427	7.77E-07	3.03YrCan	7.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
277	ALL	UCART1	418051	3776235	7.77E-07	3.03YrCan	7.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
237	ALL	UCART1	418127.3	3776199	7.73E-07	3.03YrCan	7.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
777	ALL	UCART2	418690.2	3776537	7.71E-07	3.03YrCan	7.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
986	ALL		418493.9	3776755	7.70E-07	3.03YrCan	7.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
670	ALL	UCART2	418655.6	3776491	7.63E-07	3.03YrCan	7.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
627	ALL	UCART2	418638.2	3776473	7.63E-07	3.03YrCan	7.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
997	ALL		418602.1	3776745	7.62E-07	3.03YrCan	7.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
584	ALL	UCART2	418620.9	3776455	7.59E-07	3.03YrCan	7.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
713	ALL	UCART2	418672.9	3776510	7.59E-07	3.03YrCan	7.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
476	ALL	UCART2	418568.9	3776409	7.57E-07	3.03YrCan	7.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
241	ALL	UCART1	418279.9	3776199	7.52E-07	3.03YrCan	7.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
756	ALL	UCART2	418690.2	3776528	7.52E-07	3.03YrCan	7.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
541	ALL	UCART2	418603.6	3776436	7.51E-07	3.03YrCan	7.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
307	ALL	UCART1	418394.3	3776253	7.50E-07	3.03YrCan	7.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
359	ALL	UCART1	417974.8	3776308	7.42E-07	3.03YrCan	7.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
498	ALL	UCART2	418586.2	3776418	7.39E-07	3.03YrCan	7.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
649	ALL	UCART2	418655.6	3776482	7.36E-07	3.03YrCan	7.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
999	ALL		418625.6	3776746	7.35E-07	3.03YrCan	7.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
692	ALL	UCART2	418672.9	3776501	7.34E-07	3.03YrCan	7.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
606	ALL	UCART2	418638.2	3776464	7.32E-07	3.03YrCan	7.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
735	ALL	UCART2	418690.2	3776519	7.30E-07	3.03YrCan	7.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
563	ALL	UCART2	418620.9	3776446	7.25E-07	3.03YrCan	7.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
415	ALL	UCART1	418508.7	3776344	7.24E-07	3.03YrCan	7.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
297	ALL	UCART1	418012.9	3776253	7.24E-07	3.03YrCan	7.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
218	ALL	UCART1	418203.6	3776181	7.23E-07	3.03YrCan	7.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
372	ALL	UCART1	418470.6	3776308	7.21E-07	3.03YrCan	7.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
455	ALL	UCART2	418568.9	3776400	7.20E-07	3.03YrCan	7.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
217	ALL	UCART1	418165.5	3776181	7.18E-07	3.03YrCan	7.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
520	ALL	UCART2	418603.6	3776427	7.15E-07	3.03YrCan	7.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
236	ALL	UCART1	418089.2	3776199	7.14E-07	3.03YrCan	7.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
671	ALL	UCART2	418672.9	3776491	7.09E-07	3.03YrCan	7.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
714	ALL	UCART2	418690.2	3776510	7.08E-07	3.03YrCan	7.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
628	ALL	UCART2	418655.6	3776473	7.07E-07	3.03YrCan	7.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
329	ALL	UCART1	418432.4	3776272	7.06E-07	3.03YrCan	7.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
256	ALL	UCART1	418051	3776217	7.05E-07	3.03YrCan	7.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
219	ALL	UCART1	418241.7	3776181	7.05E-07	3.03YrCan	7.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
477	ALL	UCART2	418586.2	3776409	7.01E-07	3.03YrCan	7.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
585	ALL	UCART2	418638.2	3776455	7.01E-07	3.03YrCan	7.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
338	ALL	UCART1	417974.8	3776290	6.94E-07	3.03YrCan	6.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
264	ALL	UCART1	418356.2	3776217	6.94E-07	3.03YrCan	6.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
542	ALL	UCART2	418620.9	3776436	6.92E-07	3.03YrCan	6.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
242	ALL	UCART1	418318	3776199	6.91E-07	3.03YrCan	6.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
421	ALL	UCART1	417936.6	3776362	6.91E-07	3.03YrCan	6.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
216	ALL	UCART1	418127.3	3776181	6.91E-07	3.03YrCan	6.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

693	ALL	UCART2	418690.2	3776501	6.84E-07	3.03YrCan	6.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
650	ALL	UCART2	418672.9	3776482	6.83E-07	3.03YrCan	6.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
499	ALL	UCART2	418603.6	3776418	6.81E-07	3.03YrCan	6.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
607	ALL	UCART2	418655.6	3776464	6.78E-07	3.03YrCan	6.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
286	ALL	UCART1	418394.3	3776235	6.75E-07	3.03YrCan	6.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
564	ALL	UCART2	418638.2	3776446	6.70E-07	3.03YrCan	6.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
220	ALL	UCART1	418279.9	3776181	6.68E-07	3.03YrCan	6.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
456	ALL	UCART2	418586.2	3776400	6.66E-07	3.03YrCan	6.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
276	ALL	UCART1	418012.9	3776235	6.66E-07	3.03YrCan	6.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
400	ALL	UCART1	417936.6	3776344	6.61E-07	3.03YrCan	6.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
672	ALL	UCART2	418690.2	3776491	6.60E-07	3.03YrCan	6.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
521	ALL	UCART2	418620.9	3776427	6.60E-07	3.03YrCan	6.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
394	ALL	UCART1	418508.7	3776326	6.59E-07	3.03YrCan	6.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
629	ALL	UCART2	418672.9	3776473	6.56E-07	3.03YrCan	6.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
437	ALL	UCART1	418546.9	3776362	6.56E-07	3.03YrCan	6.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
351	ALL	UCART1	418470.6	3776290	6.56E-07	3.03YrCan	6.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
317	ALL	UCART1	417974.8	3776272	6.49E-07	3.03YrCan	6.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
586	ALL	UCART2	418655.6	3776455	6.49E-07	3.03YrCan	6.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
478	ALL	UCART2	418603.6	3776409	6.48E-07	3.03YrCan	6.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
215	ALL	UCART1	418089.2	3776181	6.45E-07	3.03YrCan	6.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
197	ALL	UCART1	418203.6	3776163	6.43E-07	3.03YrCan	6.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
235	ALL	UCART1	418051	3776199	6.42E-07	3.03YrCan	6.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
196	ALL	UCART1	418165.5	3776163	6.41E-07	3.03YrCan	6.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
308	ALL	UCART1	418432.4	3776253	6.40E-07	3.03YrCan	6.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
543	ALL	UCART2	418638.2	3776436	6.39E-07	3.03YrCan	6.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
651	ALL	UCART2	418690.2	3776482	6.36E-07	3.03YrCan	6.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
379	ALL	UCART1	417936.6	3776326	6.30E-07	3.03YrCan	6.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
608	ALL	UCART2	418672.9	3776464	6.30E-07	3.03YrCan	6.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
500	ALL	UCART2	418620.9	3776418	6.28E-07	3.03YrCan	6.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
198	ALL	UCART1	418241.7	3776163	6.28E-07	3.03YrCan	6.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
243	ALL	UCART1	418356.2	3776199	6.23E-07	3.03YrCan	6.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
195	ALL	UCART1	418127.3	3776163	6.21E-07	3.03YrCan	6.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
565	ALL	UCART2	418655.6	3776446	6.20E-07	3.03YrCan	6.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
221	ALL	UCART1	418318	3776181	6.18E-07	3.03YrCan	6.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
457	ALL	UCART2	418603.6	3776400	6.17E-07	3.03YrCan	6.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
255	ALL	UCART1	418012.9	3776217	6.14E-07	3.03YrCan	6.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
630	ALL	UCART2	418690.2	3776473	6.11E-07	3.03YrCan	6.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
265	ALL	UCART1	418394.3	3776217	6.10E-07	3.03YrCan	6.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
522	ALL	UCART2	418638.2	3776427	6.10E-07	3.03YrCan	6.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
296	ALL	UCART1	417974.8	3776253	6.06E-07	3.03YrCan	6.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
587	ALL	UCART2	418672.9	3776455	6.03E-07	3.03YrCan	6.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
373	ALL	UCART1	418508.7	3776308	6.02E-07	3.03YrCan	6.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
330	ALL	UCART1	418470.6	3776272	5.99E-07	3.03YrCan	5.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
479	ALL	UCART2	418620.9	3776409	5.99E-07	3.03YrCan	5.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
358	ALL	UCART1	417936.6	3776308	5.99E-07	3.03YrCan	5.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
416	ALL	UCART1	418546.9	3776344	5.98E-07	3.03YrCan	5.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

199	ALL	UCART1	418279.9	3776163	5.98E-07	3.03YrCan	5.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
544	ALL	UCART2	418655.6	3776436	5.92E-07	3.03YrCan	5.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
214	ALL	UCART1	418051	3776181	5.87E-07	3.03YrCan	5.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
609	ALL	UCART2	418690.2	3776464	5.86E-07	3.03YrCan	5.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
194	ALL	UCART1	418089.2	3776163	5.85E-07	3.03YrCan	5.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
287	ALL	UCART1	418432.4	3776235	5.83E-07	3.03YrCan	5.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
501	ALL	UCART2	418638.2	3776418	5.81E-07	3.03YrCan	5.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
176	ALL	UCART1	418203.6	3776145	5.77E-07	3.03YrCan	5.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
566	ALL	UCART2	418672.9	3776446	5.77E-07	3.03YrCan	5.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
175	ALL	UCART1	418165.5	3776145	5.76E-07	3.03YrCan	5.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
458	ALL	UCART2	418620.9	3776400	5.71E-07	3.03YrCan	5.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
337	ALL	UCART1	417936.6	3776290	5.68E-07	3.03YrCan	5.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
234	ALL	UCART1	418012.9	3776199	5.67E-07	3.03YrCan	5.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
275	ALL	UCART1	417974.8	3776235	5.66E-07	3.03YrCan	5.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
523	ALL	UCART2	418655.6	3776427	5.64E-07	3.03YrCan	5.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
177	ALL	UCART1	418241.7	3776145	5.64E-07	3.03YrCan	5.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
222	ALL	UCART1	418356.2	3776181	5.62E-07	3.03YrCan	5.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
588	ALL	UCART2	418690.2	3776455	5.62E-07	3.03YrCan	5.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
174	ALL	UCART1	418127.3	3776145	5.61E-07	3.03YrCan	5.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
200	ALL	UCART1	418318	3776163	5.57E-07	3.03YrCan	5.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
244	ALL	UCART1	418394.3	3776199	5.54E-07	3.03YrCan	5.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
352	ALL	UCART1	418508.7	3776290	5.54E-07	3.03YrCan	5.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
480	ALL	UCART2	418638.2	3776409	5.53E-07	3.03YrCan	5.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
545	ALL	UCART2	418672.9	3776436	5.51E-07	3.03YrCan	5.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
438	ALL	UCART1	418585	3776362	5.50E-07	3.03YrCan	5.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
309	ALL	UCART1	418470.6	3776253	5.50E-07	3.03YrCan	5.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
395	ALL	UCART1	418546.9	3776326	5.48E-07	3.03YrCan	5.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
178	ALL	UCART1	418279.9	3776145	5.38E-07	3.03YrCan	5.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
316	ALL	UCART1	417936.6	3776272	5.38E-07	3.03YrCan	5.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
567	ALL	UCART2	418690.2	3776446	5.38E-07	3.03YrCan	5.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
502	ALL	UCART2	418655.6	3776418	5.38E-07	3.03YrCan	5.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
193	ALL	UCART1	418051	3776163	5.38E-07	3.03YrCan	5.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
266	ALL	UCART1	418432.4	3776217	5.33E-07	3.03YrCan	5.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
173	ALL	UCART1	418089.2	3776145	5.32E-07	3.03YrCan	5.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
254	ALL	UCART1	417974.8	3776217	5.29E-07	3.03YrCan	5.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
459	ALL	UCART2	418638.2	3776400	5.27E-07	3.03YrCan	5.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
524	ALL	UCART2	418672.9	3776427	5.26E-07	3.03YrCan	5.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
213	ALL	UCART1	418012.9	3776181	5.24E-07	3.03YrCan	5.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
154	ALL	UCART1	418165.5	3776127	5.22E-07	3.03YrCan	5.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
155	ALL	UCART1	418203.6	3776127	5.21E-07	3.03YrCan	5.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
546	ALL	UCART2	418690.2	3776436	5.14E-07	3.03YrCan	5.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
481	ALL	UCART2	418655.6	3776409	5.13E-07	3.03YrCan	5.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
331	ALL	UCART1	418508.7	3776272	5.11E-07	3.03YrCan	5.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
201	ALL	UCART1	418356.2	3776163	5.10E-07	3.03YrCan	5.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
153	ALL	UCART1	418127.3	3776127	5.10E-07	3.03YrCan	5.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
156	ALL	UCART1	418241.7	3776127	5.09E-07	3.03YrCan	5.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

295	ALL	UCART1	417936.6	3776253	5.09E-07	3.03YrCan	5.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
374	ALL	UCART1	418546.9	3776308	5.08E-07	3.03YrCan	5.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
288	ALL	UCART1	418470.6	3776235	5.06E-07	3.03YrCan	5.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
223	ALL	UCART1	418394.3	3776181	5.05E-07	3.03YrCan	5.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
179	ALL	UCART1	418318	3776145	5.04E-07	3.03YrCan	5.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
417	ALL	UCART1	418585	3776344	5.04E-07	3.03YrCan	5.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
503	ALL	UCART2	418672.9	3776418	5.01E-07	3.03YrCan	5.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
233	ALL	UCART1	417974.8	3776199	4.95E-07	3.03YrCan	4.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
172	ALL	UCART1	418051	3776145	4.94E-07	3.03YrCan	4.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
525	ALL	UCART2	418690.2	3776427	4.91E-07	3.03YrCan	4.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
245	ALL	UCART1	418432.4	3776199	4.90E-07	3.03YrCan	4.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
460	ALL	UCART2	418655.6	3776400	4.89E-07	3.03YrCan	4.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
157	ALL	UCART1	418279.9	3776127	4.88E-07	3.03YrCan	4.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
152	ALL	UCART1	418089.2	3776127	4.87E-07	3.03YrCan	4.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
192	ALL	UCART1	418012.9	3776163	4.86E-07	3.03YrCan	4.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
274	ALL	UCART1	417936.6	3776235	4.81E-07	3.03YrCan	4.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
482	ALL	UCART2	418672.9	3776409	4.78E-07	3.03YrCan	4.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
133	ALL	UCART1	418165.5	3776109	4.75E-07	3.03YrCan	4.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
134	ALL	UCART1	418203.6	3776109	4.74E-07	3.03YrCan	4.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
310	ALL	UCART1	418508.7	3776253	4.73E-07	3.03YrCan	4.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
353	ALL	UCART1	418546.9	3776290	4.71E-07	3.03YrCan	4.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
504	ALL	UCART2	418690.2	3776418	4.69E-07	3.03YrCan	4.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
267	ALL	UCART1	418470.6	3776217	4.68E-07	3.03YrCan	4.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
396	ALL	UCART1	418585	3776326	4.67E-07	3.03YrCan	4.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
132	ALL	UCART1	418127.3	3776109	4.66E-07	3.03YrCan	4.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
180	ALL	UCART1	418356.2	3776145	4.66E-07	3.03YrCan	4.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
439	ALL	UCART1	418623.1	3776362	4.65E-07	3.03YrCan	4.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
135	ALL	UCART1	418241.7	3776109	4.63E-07	3.03YrCan	4.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
202	ALL	UCART1	418394.3	3776163	4.63E-07	3.03YrCan	4.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
212	ALL	UCART1	417974.8	3776181	4.63E-07	3.03YrCan	4.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
158	ALL	UCART1	418318	3776127	4.59E-07	3.03YrCan	4.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
151	ALL	UCART1	418051	3776127	4.56E-07	3.03YrCan	4.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
461	ALL	UCART2	418672.9	3776400	4.56E-07	3.03YrCan	4.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
253	ALL	UCART1	417936.6	3776217	4.55E-07	3.03YrCan	4.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
171	ALL	UCART1	418012.9	3776145	4.51E-07	3.03YrCan	4.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
224	ALL	UCART1	418432.4	3776181	4.51E-07	3.03YrCan	4.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
131	ALL	UCART1	418089.2	3776109	4.48E-07	3.03YrCan	4.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
483	ALL	UCART2	418690.2	3776409	4.47E-07	3.03YrCan	4.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
136	ALL	UCART1	418279.9	3776109	4.44E-07	3.03YrCan	4.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
289	ALL	UCART1	418508.7	3776235	4.40E-07	3.03YrCan	4.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
332	ALL	UCART1	418546.9	3776272	4.40E-07	3.03YrCan	4.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
112	ALL	UCART1	418165.5	3776091	4.34E-07	3.03YrCan	4.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
375	ALL	UCART1	418585	3776308	4.34E-07	3.03YrCan	4.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
246	ALL	UCART1	418470.6	3776199	4.33E-07	3.03YrCan	4.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
191	ALL	UCART1	417974.8	3776163	4.33E-07	3.03YrCan	4.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
113	ALL	UCART1	418203.6	3776091	4.32E-07	3.03YrCan	4.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

232	ALL	UCART1	417936.6	3776199	4.30E-07	3.03YrCan	4.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
418	ALL	UCART1	418623.1	3776344	4.29E-07	3.03YrCan	4.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
462	ALL	UCART2	418690.2	3776400	4.27E-07	3.03YrCan	4.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
111	ALL	UCART1	418127.3	3776091	4.27E-07	3.03YrCan	4.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
159	ALL	UCART1	418356.2	3776127	4.27E-07	3.03YrCan	4.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
181	ALL	UCART1	418394.3	3776145	4.26E-07	3.03YrCan	4.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
114	ALL	UCART1	418241.7	3776091	4.23E-07	3.03YrCan	4.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
130	ALL	UCART1	418051	3776109	4.22E-07	3.03YrCan	4.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
137	ALL	UCART1	418318	3776109	4.20E-07	3.03YrCan	4.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
150	ALL	UCART1	418012.9	3776127	4.19E-07	3.03YrCan	4.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
203	ALL	UCART1	418432.4	3776163	4.17E-07	3.03YrCan	4.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
110	ALL	UCART1	418089.2	3776091	4.13E-07	3.03YrCan	4.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
311	ALL	UCART1	418546.9	3776253	4.11E-07	3.03YrCan	4.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
268	ALL	UCART1	418508.7	3776217	4.10E-07	3.03YrCan	4.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
115	ALL	UCART1	418279.9	3776091	4.07E-07	3.03YrCan	4.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
354	ALL	UCART1	418585	3776290	4.07E-07	3.03YrCan	4.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
170	ALL	UCART1	417974.8	3776145	4.06E-07	3.03YrCan	4.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
211	ALL	UCART1	417936.6	3776181	4.06E-07	3.03YrCan	4.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
225	ALL	UCART1	418470.6	3776181	4.03E-07	3.03YrCan	4.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
397	ALL	UCART1	418623.1	3776326	4.00E-07	3.03YrCan	4.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
91	ALL	UCART1	418165.5	3776073	3.98E-07	3.03YrCan	3.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
92	ALL	UCART1	418203.6	3776073	3.96E-07	3.03YrCan	3.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
440	ALL	UCART1	418661.3	3776362	3.96E-07	3.03YrCan	3.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
90	ALL	UCART1	418127.3	3776073	3.93E-07	3.03YrCan	3.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
160	ALL	UCART1	418394.3	3776127	3.92E-07	3.03YrCan	3.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
138	ALL	UCART1	418356.2	3776109	3.92E-07	3.03YrCan	3.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
109	ALL	UCART1	418051	3776091	3.91E-07	3.03YrCan	3.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
129	ALL	UCART1	418012.9	3776109	3.91E-07	3.03YrCan	3.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
93	ALL	UCART1	418241.7	3776073	3.88E-07	3.03YrCan	3.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
182	ALL	UCART1	418432.4	3776145	3.86E-07	3.03YrCan	3.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
116	ALL	UCART1	418318	3776091	3.86E-07	3.03YrCan	3.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
290	ALL	UCART1	418546.9	3776235	3.86E-07	3.03YrCan	3.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
190	ALL	UCART1	417936.6	3776163	3.84E-07	3.03YrCan	3.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
247	ALL	UCART1	418508.7	3776199	3.83E-07	3.03YrCan	3.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
89	ALL	UCART1	418089.2	3776073	3.81E-07	3.03YrCan	3.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
149	ALL	UCART1	417974.8	3776127	3.81E-07	3.03YrCan	3.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
333	ALL	UCART1	418585	3776272	3.80E-07	3.03YrCan	3.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
204	ALL	UCART1	418470.6	3776163	3.75E-07	3.03YrCan	3.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
94	ALL	UCART1	418279.9	3776073	3.74E-07	3.03YrCan	3.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
376	ALL	UCART1	418623.1	3776308	3.74E-07	3.03YrCan	3.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
70	ALL	UCART1	418165.5	3776054	3.67E-07	3.03YrCan	3.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
419	ALL	UCART1	418661.3	3776344	3.65E-07	3.03YrCan	3.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
108	ALL	UCART1	418012.9	3776091	3.65E-07	3.03YrCan	3.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
71	ALL	UCART1	418203.6	3776054	3.65E-07	3.03YrCan	3.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
88	ALL	UCART1	418051	3776073	3.64E-07	3.03YrCan	3.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
69	ALL	UCART1	418127.3	3776054	3.63E-07	3.03YrCan	3.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

139	ALL	UCART1	418394.3	3776109	3.63E-07	3.03YrCan	3.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
169	ALL	UCART1	417936.6	3776145	3.62E-07	3.03YrCan	3.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
269	ALL	UCART1	418546.9	3776217	3.62E-07	3.03YrCan	3.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
117	ALL	UCART1	418356.2	3776091	3.62E-07	3.03YrCan	3.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
226	ALL	UCART1	418508.7	3776181	3.59E-07	3.03YrCan	3.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
161	ALL	UCART1	418432.4	3776127	3.59E-07	3.03YrCan	3.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
128	ALL	UCART1	417974.8	3776109	3.58E-07	3.03YrCan	3.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
72	ALL	UCART1	418241.7	3776054	3.57E-07	3.03YrCan	3.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
312	ALL	UCART1	418585	3776253	3.56E-07	3.03YrCan	3.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
95	ALL	UCART1	418318	3776073	3.56E-07	3.03YrCan	3.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
68	ALL	UCART1	418089.2	3776054	3.54E-07	3.03YrCan	3.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
183	ALL	UCART1	418470.6	3776145	3.50E-07	3.03YrCan	3.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
355	ALL	UCART1	418623.1	3776290	3.49E-07	3.03YrCan	3.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
73	ALL	UCART1	418279.9	3776054	3.45E-07	3.03YrCan	3.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
441	ALL	UCART1	418699.4	3776362	3.43E-07	3.03YrCan	3.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
148	ALL	UCART1	417936.6	3776127	3.43E-07	3.03YrCan	3.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
398	ALL	UCART1	418661.3	3776326	3.42E-07	3.03YrCan	3.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
87	ALL	UCART1	418012.9	3776073	3.42E-07	3.03YrCan	3.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
248	ALL	UCART1	418546.9	3776199	3.41E-07	3.03YrCan	3.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
49	ALL	UCART1	418165.5	3776036	3.40E-07	3.03YrCan	3.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
67	ALL	UCART1	418051	3776054	3.39E-07	3.03YrCan	3.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
50	ALL	UCART1	418203.6	3776036	3.37E-07	3.03YrCan	3.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
118	ALL	UCART1	418394.3	3776091	3.37E-07	3.03YrCan	3.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
205	ALL	UCART1	418508.7	3776163	3.37E-07	3.03YrCan	3.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
48	ALL	UCART1	418127.3	3776036	3.37E-07	3.03YrCan	3.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
291	ALL	UCART1	418585	3776235	3.37E-07	3.03YrCan	3.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
107	ALL	UCART1	417974.8	3776091	3.37E-07	3.03YrCan	3.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
96	ALL	UCART1	418356.2	3776073	3.35E-07	3.03YrCan	3.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
140	ALL	UCART1	418432.4	3776109	3.34E-07	3.03YrCan	3.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
51	ALL	UCART1	418241.7	3776036	3.30E-07	3.03YrCan	3.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
74	ALL	UCART1	418318	3776054	3.29E-07	3.03YrCan	3.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
47	ALL	UCART1	418089.2	3776036	3.29E-07	3.03YrCan	3.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
162	ALL	UCART1	418470.6	3776127	3.27E-07	3.03YrCan	3.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
334	ALL	UCART1	418623.1	3776272	3.26E-07	3.03YrCan	3.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
127	ALL	UCART1	417936.6	3776109	3.25E-07	3.03YrCan	3.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
377	ALL	UCART1	418661.3	3776308	3.23E-07	3.03YrCan	3.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
227	ALL	UCART1	418546.9	3776181	3.21E-07	3.03YrCan	3.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
66	ALL	UCART1	418012.9	3776054	3.20E-07	3.03YrCan	3.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
52	ALL	UCART1	418279.9	3776036	3.19E-07	3.03YrCan	3.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
270	ALL	UCART1	418585	3776217	3.19E-07	3.03YrCan	3.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
86	ALL	UCART1	417974.8	3776073	3.17E-07	3.03YrCan	3.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
46	ALL	UCART1	418051	3776036	3.17E-07	3.03YrCan	3.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
420	ALL	UCART1	418699.4	3776344	3.17E-07	3.03YrCan	3.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
184	ALL	UCART1	418508.7	3776145	3.16E-07	3.03YrCan	3.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
28	ALL	UCART1	418165.5	3776018	3.15E-07	3.03YrCan	3.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
97	ALL	UCART1	418394.3	3776073	3.14E-07	3.03YrCan	3.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

27	ALL	UCART1	418127.3	3776018	3.13E-07	3.03YrCan	3.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
29	ALL	UCART1	418203.6	3776018	3.13E-07	3.03YrCan	3.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
119	ALL	UCART1	418432.4	3776091	3.12E-07	3.03YrCan	3.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
75	ALL	UCART1	418356.2	3776054	3.12E-07	3.03YrCan	3.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
106	ALL	UCART1	417936.6	3776091	3.07E-07	3.03YrCan	3.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
26	ALL	UCART1	418089.2	3776018	3.07E-07	3.03YrCan	3.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
30	ALL	UCART1	418241.7	3776018	3.06E-07	3.03YrCan	3.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
141	ALL	UCART1	418470.6	3776109	3.06E-07	3.03YrCan	3.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
313	ALL	UCART1	418623.1	3776253	3.06E-07	3.03YrCan	3.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
356	ALL	UCART1	418661.3	3776290	3.06E-07	3.03YrCan	3.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
53	ALL	UCART1	418318	3776036	3.06E-07	3.03YrCan	3.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
249	ALL	UCART1	418585	3776199	3.03E-07	3.03YrCan	3.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
206	ALL	UCART1	418546.9	3776163	3.03E-07	3.03YrCan	3.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
45	ALL	UCART1	418012.9	3776036	3.01E-07	3.03YrCan	3.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
65	ALL	UCART1	417974.8	3776054	2.99E-07	3.03YrCan	2.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
163	ALL	UCART1	418508.7	3776127	2.98E-07	3.03YrCan	2.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
31	ALL	UCART1	418279.9	3776018	2.97E-07	3.03YrCan	2.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
25	ALL	UCART1	418051	3776018	2.97E-07	3.03YrCan	2.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
399	ALL	UCART1	418699.4	3776326	2.95E-07	3.03YrCan	2.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7	ALL	UCART1	418165.5	3776000	2.93E-07	3.03YrCan	2.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
76	ALL	UCART1	418394.3	3776054	2.93E-07	3.03YrCan	2.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6	ALL	UCART1	418127.3	3776000	2.92E-07	3.03YrCan	2.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
98	ALL	UCART1	418432.4	3776073	2.92E-07	3.03YrCan	2.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
85	ALL	UCART1	417936.6	3776073	2.91E-07	3.03YrCan	2.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8	ALL	UCART1	418203.6	3776000	2.91E-07	3.03YrCan	2.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
54	ALL	UCART1	418356.2	3776036	2.90E-07	3.03YrCan	2.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
292	ALL	UCART1	418623.1	3776235	2.89E-07	3.03YrCan	2.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
335	ALL	UCART1	418661.3	3776272	2.89E-07	3.03YrCan	2.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
228	ALL	UCART1	418585	3776181	2.88E-07	3.03YrCan	2.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
120	ALL	UCART1	418470.6	3776091	2.88E-07	3.03YrCan	2.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5	ALL	UCART1	418089.2	3776000	2.87E-07	3.03YrCan	2.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
185	ALL	UCART1	418546.9	3776145	2.86E-07	3.03YrCan	2.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9	ALL	UCART1	418241.7	3776000	2.85E-07	3.03YrCan	2.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
32	ALL	UCART1	418318	3776018	2.85E-07	3.03YrCan	2.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
24	ALL	UCART1	418012.9	3776018	2.83E-07	3.03YrCan	2.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
44	ALL	UCART1	417974.8	3776036	2.82E-07	3.03YrCan	2.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
142	ALL	UCART1	418508.7	3776109	2.80E-07	3.03YrCan	2.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4	ALL	UCART1	418051	3776000	2.78E-07	3.03YrCan	2.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
271	ALL	UCART1	418623.1	3776217	2.78E-07	3.03YrCan	2.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10	ALL	UCART1	418279.9	3776000	2.77E-07	3.03YrCan	2.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
64	ALL	UCART1	417936.6	3776054	2.76E-07	3.03YrCan	2.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
378	ALL	UCART1	418699.4	3776308	2.75E-07	3.03YrCan	2.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
55	ALL	UCART1	418394.3	3776036	2.74E-07	3.03YrCan	2.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
77	ALL	UCART1	418432.4	3776054	2.74E-07	3.03YrCan	2.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
314	ALL	UCART1	418661.3	3776253	2.73E-07	3.03YrCan	2.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
207	ALL	UCART1	418585	3776163	2.73E-07	3.03YrCan	2.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

33	ALL	UCART1	418356.2	3776018	2.71E-07	3.03YrCan	2.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
99	ALL	UCART1	418470.6	3776073	2.70E-07	3.03YrCan	2.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
164	ALL	UCART1	418546.9	3776127	2.70E-07	3.03YrCan	2.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
250	ALL	UCART1	418623.1	3776199	2.67E-07	3.03YrCan	2.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
23	ALL	UCART1	417974.8	3776018	2.67E-07	3.03YrCan	2.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3	ALL	UCART1	418012.9	3776000	2.66E-07	3.03YrCan	2.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11	ALL	UCART1	418318	3776000	2.66E-07	3.03YrCan	2.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
121	ALL	UCART1	418508.7	3776091	2.64E-07	3.03YrCan	2.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
43	ALL	UCART1	417936.6	3776036	2.62E-07	3.03YrCan	2.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
293	ALL	UCART1	418661.3	3776235	2.59E-07	3.03YrCan	2.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
357	ALL	UCART1	418699.4	3776290	2.59E-07	3.03YrCan	2.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
186	ALL	UCART1	418585	3776145	2.59E-07	3.03YrCan	2.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
56	ALL	UCART1	418432.4	3776036	2.57E-07	3.03YrCan	2.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
34	ALL	UCART1	418394.3	3776018	2.57E-07	3.03YrCan	2.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
229	ALL	UCART1	418623.1	3776181	2.57E-07	3.03YrCan	2.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
143	ALL	UCART1	418546.9	3776109	2.55E-07	3.03YrCan	2.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
78	ALL	UCART1	418470.6	3776054	2.55E-07	3.03YrCan	2.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12	ALL	UCART1	418356.2	3776000	2.54E-07	3.03YrCan	2.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	ALL	UCART1	417974.8	3776000	2.52E-07	3.03YrCan	2.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
100	ALL	UCART1	418508.7	3776073	2.50E-07	3.03YrCan	2.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
22	ALL	UCART1	417936.6	3776018	2.49E-07	3.03YrCan	2.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
272	ALL	UCART1	418661.3	3776217	2.48E-07	3.03YrCan	2.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
208	ALL	UCART1	418623.1	3776163	2.46E-07	3.03YrCan	2.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
165	ALL	UCART1	418585	3776127	2.45E-07	3.03YrCan	2.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
336	ALL	UCART1	418699.4	3776272	2.44E-07	3.03YrCan	2.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
122	ALL	UCART1	418546.9	3776091	2.42E-07	3.03YrCan	2.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
35	ALL	UCART1	418432.4	3776018	2.42E-07	3.03YrCan	2.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
13	ALL	UCART1	418394.3	3776000	2.41E-07	3.03YrCan	2.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
57	ALL	UCART1	418470.6	3776036	2.40E-07	3.03YrCan	2.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
251	ALL	UCART1	418661.3	3776199	2.38E-07	3.03YrCan	2.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1	ALL	UCART1	417936.6	3776000	2.37E-07	3.03YrCan	2.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
79	ALL	UCART1	418508.7	3776054	2.36E-07	3.03YrCan	2.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
187	ALL	UCART1	418623.1	3776145	2.34E-07	3.03YrCan	2.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
144	ALL	UCART1	418585	3776109	2.33E-07	3.03YrCan	2.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
315	ALL	UCART1	418699.4	3776253	2.32E-07	3.03YrCan	2.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
101	ALL	UCART1	418546.9	3776073	2.30E-07	3.03YrCan	2.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
14	ALL	UCART1	418432.4	3776000	2.28E-07	3.03YrCan	2.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
230	ALL	UCART1	418661.3	3776181	2.28E-07	3.03YrCan	2.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
36	ALL	UCART1	418470.6	3776018	2.27E-07	3.03YrCan	2.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
58	ALL	UCART1	418508.7	3776036	2.24E-07	3.03YrCan	2.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
166	ALL	UCART1	418623.1	3776127	2.23E-07	3.03YrCan	2.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
123	ALL	UCART1	418585	3776091	2.22E-07	3.03YrCan	2.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
294	ALL	UCART1	418699.4	3776235	2.22E-07	3.03YrCan	2.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
209	ALL	UCART1	418661.3	3776163	2.19E-07	3.03YrCan	2.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
80	ALL	UCART1	418546.9	3776054	2.18E-07	3.03YrCan	2.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
15	ALL	UCART1	418470.6	3776000	2.15E-07	3.03YrCan	2.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

145	ALL	UCART1	418623.1	3776109	2.13E-07	3.03YrCan	2.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
37	ALL	UCART1	418508.7	3776018	2.12E-07	3.03YrCan	2.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
273	ALL	UCART1	418699.4	3776217	2.12E-07	3.03YrCan	2.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
102	ALL	UCART1	418585	3776073	2.12E-07	3.03YrCan	2.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
188	ALL	UCART1	418661.3	3776145	2.09E-07	3.03YrCan	2.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
59	ALL	UCART1	418546.9	3776036	2.08E-07	3.03YrCan	2.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
252	ALL	UCART1	418699.4	3776199	2.05E-07	3.03YrCan	2.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
124	ALL	UCART1	418623.1	3776091	2.04E-07	3.03YrCan	2.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
81	ALL	UCART1	418585	3776054	2.02E-07	3.03YrCan	2.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
16	ALL	UCART1	418508.7	3776000	2.02E-07	3.03YrCan	2.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
167	ALL	UCART1	418661.3	3776127	2.01E-07	3.03YrCan	2.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
38	ALL	UCART1	418546.9	3776018	1.98E-07	3.03YrCan	1.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
231	ALL	UCART1	418699.4	3776181	1.97E-07	3.03YrCan	1.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
103	ALL	UCART1	418623.1	3776073	1.95E-07	3.03YrCan	1.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
146	ALL	UCART1	418661.3	3776109	1.93E-07	3.03YrCan	1.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
60	ALL	UCART1	418585	3776036	1.93E-07	3.03YrCan	1.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
210	ALL	UCART1	418699.4	3776163	1.92E-07	3.03YrCan	1.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
17	ALL	UCART1	418546.9	3776000	1.89E-07	3.03YrCan	1.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
82	ALL	UCART1	418623.1	3776054	1.87E-07	3.03YrCan	1.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
125	ALL	UCART1	418661.3	3776091	1.86E-07	3.03YrCan	1.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
189	ALL	UCART1	418699.4	3776145	1.85E-07	3.03YrCan	1.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
39	ALL	UCART1	418585	3776018	1.84E-07	3.03YrCan	1.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
168	ALL	UCART1	418699.4	3776127	1.80E-07	3.03YrCan	1.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
104	ALL	UCART1	418661.3	3776073	1.79E-07	3.03YrCan	1.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
61	ALL	UCART1	418623.1	3776036	1.79E-07	3.03YrCan	1.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
18	ALL	UCART1	418585	3776000	1.76E-07	3.03YrCan	1.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
147	ALL	UCART1	418699.4	3776109	1.74E-07	3.03YrCan	1.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
83	ALL	UCART1	418661.3	3776054	1.72E-07	3.03YrCan	1.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
40	ALL	UCART1	418623.1	3776018	1.72E-07	3.03YrCan	1.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
126	ALL	UCART1	418699.4	3776091	1.68E-07	3.03YrCan	1.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
62	ALL	UCART1	418661.3	3776036	1.66E-07	3.03YrCan	1.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
19	ALL	UCART1	418623.1	3776000	1.65E-07	3.03YrCan	1.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
105	ALL	UCART1	418699.4	3776073	1.63E-07	3.03YrCan	1.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
41	ALL	UCART1	418661.3	3776018	1.59E-07	3.03YrCan	1.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
84	ALL	UCART1	418699.4	3776054	1.58E-07	3.03YrCan	1.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
20	ALL	UCART1	418661.3	3776000	1.54E-07	3.03YrCan	1.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
63	ALL	UCART1	418699.4	3776036	1.52E-07	3.03YrCan	1.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
42	ALL	UCART1	418699.4	3776018	1.47E-07	3.03YrCan	1.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
21	ALL	UCART1	418699.4	3776000	1.42E-07	3.03YrCan	1.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Delaney Square Offsite HRA Chronic Risk

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
944	ALL		418205.3	3776593	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.95E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.95E-03
901	ALL		418114.3	3776455	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.81E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.81E-03
918	ALL		418115	3776534	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.61E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.61E-03
943	ALL		418184.8	3776594	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.35E-03
673	ALL	UCART2	418343.6	3776501	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.24E-03
694	ALL	UCART2	418343.6	3776510	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.23E-03
652	ALL	UCART2	418343.6	3776491	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.22E-03
715	ALL	UCART2	418343.6	3776519	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.20E-03
900	ALL		418111.4	3776444	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.19E-03
631	ALL	UCART2	418343.6	3776482	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.17E-03
736	ALL	UCART2	418343.6	3776528	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.14E-03
610	ALL	UCART2	418343.6	3776473	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.10E-03
902	ALL		418109.3	3776467	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.08E-03
903	ALL		418109	3776492	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.05E-03
757	ALL	UCART2	418343.6	3776537	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.04E-03
942	ALL		418168.7	3776594	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.01E-03
589	ALL	UCART2	418343.6	3776464	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.98E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.98E-03
917	ALL		418110	3776524	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.97E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.97E-03
778	ALL	UCART2	418343.6	3776546	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.90E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.90E-03
568	ALL	UCART2	418343.6	3776455	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.84E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.84E-03
799	ALL	UCART2	418343.6	3776556	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-03
547	ALL	UCART2	418343.6	3776446	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.66E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.66E-03
919	ALL		418110.4	3776547	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.56E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.56E-03
820	ALL	UCART2	418343.6	3776565	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.48E-03
950	ALL		418301.3	3776599	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.47E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.47E-03
939	ALL		418152.1	3776594	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.45E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.45E-03
526	ALL	UCART2	418343.6	3776436	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.43E-03
841	ALL	UCART2	418343.6	3776574	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.18E-03
505	ALL	UCART2	418343.6	3776427	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-03
695	ALL	UCART2	418360.9	3776510	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.04E-03
674	ALL	UCART2	418360.9	3776501	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.03E-03
716	ALL	UCART2	418360.9	3776519	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.02E-03
653	ALL	UCART2	418360.9	3776491	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-03
737	ALL	UCART2	418360.9	3776528	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.98E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.98E-03
632	ALL	UCART2	418360.9	3776482	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.95E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.95E-03
758	ALL	UCART2	418360.9	3776537	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.92E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.92E-03
611	ALL	UCART2	418360.9	3776473	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.88E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.88E-03
891	ALL		418108.2	3776410	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.87E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.87E-03
779	ALL	UCART2	418360.9	3776546	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.83E-03
484	ALL	UCART2	418343.6	3776418	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.82E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.82E-03
862	ALL	UCART2	418343.6	3776583	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.81E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.81E-03
590	ALL	UCART2	418360.9	3776464	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.78E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.78E-03
800	ALL	UCART2	418360.9	3776556	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-03
569	ALL	UCART2	418360.9	3776455	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E-03
945	ALL		418205.3	3776612	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E-03
821	ALL	UCART2	418360.9	3776565	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.55E-03
947	ALL		418242.5	3776615	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.54E-03
920	ALL		418109.3	3776572	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.52E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.52E-03

548	ALL	UCART2	418360.9	3776446	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-03
946	ALL		418227.1	3776616	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.48E-03
463	ALL	UCART2	418343.6	3776409	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.44E-03
429	ALL	UCART1	418241.7	3776362	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.43E-03
428	ALL	UCART1	418203.6	3776362	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-03
948	ALL		418264.6	3776617	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-03
949	ALL		418282.5	3776615	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-03
842	ALL	UCART2	418360.9	3776574	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-03
527	ALL	UCART2	418360.9	3776436	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.31E-03
696	ALL	UCART2	418378.3	3776510	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-03
717	ALL	UCART2	418378.3	3776519	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-03
675	ALL	UCART2	418378.3	3776501	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.21E-03
738	ALL	UCART2	418378.3	3776528	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.20E-03
654	ALL	UCART2	418378.3	3776491	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.18E-03
759	ALL	UCART2	418378.3	3776537	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-03
633	ALL	UCART2	418378.3	3776482	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-03
863	ALL	UCART2	418360.9	3776583	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-03
780	ALL	UCART2	418378.3	3776546	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.10E-03
506	ALL	UCART2	418360.9	3776427	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-03
427	ALL	UCART1	418165.5	3776362	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-03
430	ALL	UCART1	418279.9	3776362	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-03
612	ALL	UCART2	418378.3	3776473	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-03
442	ALL	UCART2	418343.6	3776400	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-03
801	ALL	UCART2	418378.3	3776556	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.01E-03
591	ALL	UCART2	418378.3	3776464	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-03
951	ALL		418301	3776620	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-03
822	ALL	UCART2	418378.3	3776565	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-03
570	ALL	UCART2	418378.3	3776455	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-03
485	ALL	UCART2	418360.9	3776418	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-03
916	ALL		418085.5	3776517	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-03
843	ALL	UCART2	418378.3	3776574	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-03
904	ALL		418083	3776494	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.76E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.76E-03
549	ALL	UCART2	418378.3	3776446	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-03
940	ALL		418152.7	3776613	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-03
899	ALL		418086.2	3776436	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-03
718	ALL	UCART2	418395.6	3776519	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.65E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.65E-03
697	ALL	UCART2	418395.6	3776510	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-03
739	ALL	UCART2	418395.6	3776528	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-03
676	ALL	UCART2	418395.6	3776501	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-03
864	ALL	UCART2	418378.3	3776583	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-03
760	ALL	UCART2	418395.6	3776537	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-03
464	ALL	UCART2	418360.9	3776409	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-03
655	ALL	UCART2	418395.6	3776491	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-03
528	ALL	UCART2	418378.3	3776436	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-03
781	ALL	UCART2	418395.6	3776546	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-03
634	ALL	UCART2	418395.6	3776482	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-03
802	ALL	UCART2	418395.6	3776556	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-03
613	ALL	UCART2	418395.6	3776473	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-03
823	ALL	UCART2	418395.6	3776565	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-03
407	ALL	UCART1	418203.6	3776344	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-03

507	ALL	UCART2	418378.3	3776427	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-03
961	ALL		418341.1	3776619	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-03
408	ALL	UCART1	418241.7	3776344	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-03
592	ALL	UCART2	418395.6	3776464	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-03
426	ALL	UCART1	418127.3	3776362	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-03
844	ALL	UCART2	418395.6	3776574	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-03
443	ALL	UCART2	418360.9	3776400	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-03
571	ALL	UCART2	418395.6	3776455	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-03
926	ALL		418102.6	3776592	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-03
865	ALL	UCART2	418395.6	3776583	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-03
486	ALL	UCART2	418378.3	3776418	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-03
431	ALL	UCART1	418318	3776362	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-03
406	ALL	UCART1	418165.5	3776344	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-03
719	ALL	UCART2	418412.9	3776519	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-03
740	ALL	UCART2	418412.9	3776528	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-03
761	ALL	UCART2	418412.9	3776537	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-03
698	ALL	UCART2	418412.9	3776510	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-03
967	ALL		418363.2	3776615	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-03
890	ALL		418081.9	3776410	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-03
550	ALL	UCART2	418395.6	3776446	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-03
677	ALL	UCART2	418412.9	3776501	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-03
782	ALL	UCART2	418412.9	3776546	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-03
958	ALL		418185.1	3776634	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-03
656	ALL	UCART2	418412.9	3776491	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-03
803	ALL	UCART2	418412.9	3776556	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-03
409	ALL	UCART1	418279.9	3776344	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-03
905	ALL		418068	3776494	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-03
635	ALL	UCART2	418412.9	3776482	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-03
824	ALL	UCART2	418412.9	3776565	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-03
529	ALL	UCART2	418395.6	3776436	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-03
465	ALL	UCART2	418378.3	3776409	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-03
614	ALL	UCART2	418412.9	3776473	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-03
921	ALL		418084	3776574	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-03
845	ALL	UCART2	418412.9	3776574	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-03
952	ALL		418301.9	3776642	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-03
593	ALL	UCART2	418412.9	3776464	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-03
915	ALL		418066.6	3776525	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-03
866	ALL	UCART2	418412.9	3776583	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-03
508	ALL	UCART2	418395.6	3776427	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-03
971	ALL		418383.5	3776615	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-03
941	ALL		418152.4	3776633	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-03
898	ALL		418065.2	3776442	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-03
741	ALL	UCART2	418430.3	3776528	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-03
762	ALL	UCART2	418430.3	3776537	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-03
720	ALL	UCART2	418430.3	3776519	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-03
572	ALL	UCART2	418412.9	3776455	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-03
783	ALL	UCART2	418430.3	3776546	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-03
699	ALL	UCART2	418430.3	3776510	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-03
955	ALL		418257.7	3776650	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-03
444	ALL	UCART2	418378.3	3776400	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-03

954	ALL		418281.6	3776649	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-03
804	ALL	UCART2	418430.3	3776556	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-03
678	ALL	UCART2	418430.3	3776501	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-03
386	ALL	UCART1	418203.6	3776326	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-03
825	ALL	UCART2	418430.3	3776565	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-03
657	ALL	UCART2	418430.3	3776491	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-03
405	ALL	UCART1	418127.3	3776344	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-03
487	ALL	UCART2	418395.6	3776418	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-03
551	ALL	UCART2	418412.9	3776446	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-03
387	ALL	UCART1	418241.7	3776326	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-03
846	ALL	UCART2	418430.3	3776574	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-03
636	ALL	UCART2	418430.3	3776482	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-03
615	ALL	UCART2	418430.3	3776473	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-03
932	ALL		418100.6	3776612	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-03
867	ALL	UCART2	418430.3	3776583	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-03
530	ALL	UCART2	418412.9	3776436	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-03
385	ALL	UCART1	418165.5	3776326	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-03
466	ALL	UCART2	418395.6	3776409	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-03
956	ALL		418216.2	3776655	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-03
922	ALL		418068.4	3776568	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-03
889	ALL		418062	3776417	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-03
410	ALL	UCART1	418318	3776344	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-03
594	ALL	UCART2	418430.3	3776464	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-03
742	ALL	UCART2	418447.6	3776528	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-03
763	ALL	UCART2	418447.6	3776537	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-03
784	ALL	UCART2	418447.6	3776546	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-03
721	ALL	UCART2	418447.6	3776519	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-03
957	ALL		418195.9	3776654	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-03
977	ALL		418404.9	3776622	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-03
805	ALL	UCART2	418447.6	3776556	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-03
700	ALL	UCART2	418447.6	3776510	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-03
509	ALL	UCART2	418412.9	3776427	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-03
388	ALL	UCART1	418279.9	3776326	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-03
962	ALL		418341.5	3776649	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-03
826	ALL	UCART2	418447.6	3776565	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-03
573	ALL	UCART2	418430.3	3776455	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-03
679	ALL	UCART2	418447.6	3776501	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-03
425	ALL	UCART1	418089.2	3776362	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-03
953	ALL		418302.5	3776658	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-03
847	ALL	UCART2	418447.6	3776574	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-03
658	ALL	UCART2	418447.6	3776491	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-03
445	ALL	UCART2	418395.6	3776400	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-03
868	ALL	UCART2	418447.6	3776583	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03
637	ALL	UCART2	418447.6	3776482	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03
552	ALL	UCART2	418430.3	3776446	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03
432	ALL	UCART1	418356.2	3776362	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-03
488	ALL	UCART2	418412.9	3776418	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-03
959	ALL		418176	3776656	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-03
616	ALL	UCART2	418447.6	3776473	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-03
927	ALL		418071.6	3776593	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-03

764	ALL	UCART2	418464.9	3776537	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-03
384	ALL	UCART1	418127.3	3776326	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-03
978	ALL		418428	3776620	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-03
785	ALL	UCART2	418464.9	3776546	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-03
531	ALL	UCART2	418430.3	3776436	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-03
743	ALL	UCART2	418464.9	3776528	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03
972	ALL		418382.8	3776646	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03
365	ALL	UCART1	418203.6	3776308	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03
806	ALL	UCART2	418464.9	3776556	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03
722	ALL	UCART2	418464.9	3776519	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-03
595	ALL	UCART2	418447.6	3776464	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-03
827	ALL	UCART2	418464.9	3776565	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-03
701	ALL	UCART2	418464.9	3776510	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-03
366	ALL	UCART1	418241.7	3776308	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03
467	ALL	UCART2	418412.9	3776409	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03
848	ALL	UCART2	418464.9	3776574	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03
680	ALL	UCART2	418464.9	3776501	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-03
869	ALL	UCART2	418464.9	3776583	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-03
574	ALL	UCART2	418447.6	3776455	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-03
510	ALL	UCART2	418430.3	3776427	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-03
933	ALL		418101.3	3776632	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03
960	ALL		418149.3	3776656	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03
364	ALL	UCART1	418165.5	3776308	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03
659	ALL	UCART2	418464.9	3776491	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03
404	ALL	UCART1	418089.2	3776344	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03
638	ALL	UCART2	418464.9	3776482	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-03
389	ALL	UCART1	418318	3776326	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-03
923	ALL		418049.5	3776567	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03
446	ALL	UCART2	418412.9	3776400	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03
553	ALL	UCART2	418447.6	3776446	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03
786	ALL	UCART2	418482.3	3776546	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-03
765	ALL	UCART2	418482.3	3776537	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-03
807	ALL	UCART2	418482.3	3776556	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-03
744	ALL	UCART2	418482.3	3776528	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-03
617	ALL	UCART2	418464.9	3776473	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-03
489	ALL	UCART2	418430.3	3776418	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-03
828	ALL	UCART2	418482.3	3776565	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-03
367	ALL	UCART1	418279.9	3776308	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-03
723	ALL	UCART2	418482.3	3776519	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-03
849	ALL	UCART2	418482.3	3776574	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-03
702	ALL	UCART2	418482.3	3776510	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-03
870	ALL	UCART2	418482.3	3776583	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03
532	ALL	UCART2	418447.6	3776436	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03
596	ALL	UCART2	418464.9	3776464	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-03
411	ALL	UCART1	418356.2	3776344	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-03
681	ALL	UCART2	418482.3	3776501	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03
906	ALL		418027.1	3776490	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03
914	ALL		418030.6	3776526	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03
468	ALL	UCART2	418430.3	3776409	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03
660	ALL	UCART2	418482.3	3776491	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-03

363	ALL	UCART1	418127.3	3776308	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-03
897	ALL		418029.9	3776440	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-03
963	ALL		418340.8	3776675	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-03
931	ALL		418065.7	3776612	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-03
575	ALL	UCART2	418464.9	3776455	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-03
787	ALL	UCART2	418499.6	3776546	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-03
808	ALL	UCART2	418499.6	3776556	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03
511	ALL	UCART2	418447.6	3776427	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03
766	ALL	UCART2	418499.6	3776537	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03
829	ALL	UCART2	418499.6	3776565	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03
344	ALL	UCART1	418203.6	3776290	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03
934	ALL		418102	3776647	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-03
639	ALL	UCART2	418482.3	3776482	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-03
850	ALL	UCART2	418499.6	3776574	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-03
745	ALL	UCART2	418499.6	3776528	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03
871	ALL	UCART2	418499.6	3776583	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-03
345	ALL	UCART1	418241.7	3776290	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-03
968	ALL		418362.5	3776674	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-03
383	ALL	UCART1	418089.2	3776326	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-03
724	ALL	UCART2	418499.6	3776519	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-03
979	ALL		418424.1	3776658	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-03
554	ALL	UCART2	418464.9	3776446	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-03
618	ALL	UCART2	418482.3	3776473	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03
447	ALL	UCART2	418430.3	3776400	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03
703	ALL	UCART2	418499.6	3776510	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03
343	ALL	UCART1	418165.5	3776290	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03
490	ALL	UCART2	418447.6	3776418	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-03
682	ALL	UCART2	418499.6	3776501	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-03
433	ALL	UCART1	418394.3	3776362	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-03
597	ALL	UCART2	418482.3	3776464	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-03
424	ALL	UCART1	418051	3776362	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-03
981	ALL		418491.4	3776621	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-03
533	ALL	UCART2	418464.9	3776436	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-03
368	ALL	UCART1	418318	3776308	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03
809	ALL	UCART2	418516.9	3776556	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03
851	ALL	UCART2	418516.9	3776574	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03
788	ALL	UCART2	418516.9	3776546	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03
830	ALL	UCART2	418516.9	3776565	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03
973	ALL		418383.1	3776676	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03
661	ALL	UCART2	418499.6	3776491	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03
767	ALL	UCART2	418516.9	3776537	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03
872	ALL	UCART2	418516.9	3776583	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03
924	ALL		418029.6	3776567	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-03
746	ALL	UCART2	418516.9	3776528	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-03
346	ALL	UCART1	418279.9	3776290	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03
469	ALL	UCART2	418447.6	3776409	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03
576	ALL	UCART2	418482.3	3776455	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03
640	ALL	UCART2	418499.6	3776482	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-03
725	ALL	UCART2	418516.9	3776519	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-03
930	ALL		418074.2	3776638	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-03

888	ALL		418022.8	3776413	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03
390	ALL	UCART1	418356.2	3776326	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03
512	ALL	UCART2	418464.9	3776427	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03
980	ALL		418446.9	3776662	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03
704	ALL	UCART2	418516.9	3776510	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.99E-04
619	ALL	UCART2	418499.6	3776473	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.90E-04
342	ALL	UCART1	418127.3	3776290	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.88E-04
913	ALL		418012.8	3776522	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.86E-04
555	ALL	UCART2	418482.3	3776446	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.84E-04
831	ALL	UCART2	418534.2	3776565	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.84E-04
928	ALL		418037.9	3776598	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.82E-04
852	ALL	UCART2	418534.2	3776574	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.79E-04
810	ALL	UCART2	418534.2	3776556	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.77E-04
683	ALL	UCART2	418516.9	3776501	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.77E-04
907	ALL		418008.9	3776491	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.74E-04
789	ALL	UCART2	418534.2	3776546	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.74E-04
873	ALL	UCART2	418534.2	3776583	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.71E-04
448	ALL	UCART2	418447.6	3776400	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.67E-04
768	ALL	UCART2	418534.2	3776537	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.67E-04
362	ALL	UCART1	418089.2	3776308	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.66E-04
896	ALL		418010.7	3776444	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.62E-04
323	ALL	UCART1	418203.6	3776272	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.57E-04
491	ALL	UCART2	418464.9	3776418	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.56E-04
403	ALL	UCART1	418051	3776344	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.56E-04
598	ALL	UCART2	418499.6	3776464	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.54E-04
662	ALL	UCART2	418516.9	3776491	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.51E-04
747	ALL	UCART2	418534.2	3776528	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.46E-04
982	ALL		418493.5	3776651	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.40E-04
534	ALL	UCART2	418482.3	3776436	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.38E-04
324	ALL	UCART1	418241.7	3776272	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.34E-04
726	ALL	UCART2	418534.2	3776519	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.31E-04
322	ALL	UCART1	418165.5	3776272	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.24E-04
641	ALL	UCART2	418516.9	3776482	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.20E-04
412	ALL	UCART1	418394.3	3776344	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.17E-04
832	ALL	UCART2	418551.6	3776565	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.16E-04
874	ALL	UCART2	418551.6	3776583	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.16E-04
853	ALL	UCART2	418551.6	3776574	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.14E-04
577	ALL	UCART2	418499.6	3776455	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.14E-04
811	ALL	UCART2	418551.6	3776556	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.08E-04
705	ALL	UCART2	418534.2	3776510	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.05E-04
990	ALL		418542.7	3776624	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.04E-04
790	ALL	UCART2	418551.6	3776546	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.03E-04
470	ALL	UCART2	418464.9	3776409	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.02E-04
513	ALL	UCART2	418482.3	3776427	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.91E-04
620	ALL	UCART2	418516.9	3776473	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.90E-04
347	ALL	UCART1	418318	3776290	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.87E-04
887	ALL		418009.3	3776412	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.85E-04
684	ALL	UCART2	418534.2	3776501	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.84E-04
769	ALL	UCART2	418551.6	3776537	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.81E-04
925	ALL		418012.8	3776569	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.75E-04

556	ALL	UCART2	418499.6	3776446	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.74E-04
964	ALL		418341.5	3776703	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.73E-04
929	ALL		418042.5	3776625	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.72E-04
748	ALL	UCART2	418551.6	3776528	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.69E-04
325	ALL	UCART1	418279.9	3776272	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.59E-04
854	ALL	UCART2	418568.9	3776574	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.59E-04
369	ALL	UCART1	418356.2	3776308	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.59E-04
875	ALL	UCART2	418568.9	3776583	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.56E-04
663	ALL	UCART2	418534.2	3776491	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.55E-04
727	ALL	UCART2	418551.6	3776519	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.54E-04
382	ALL	UCART1	418051	3776326	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.53E-04
833	ALL	UCART2	418568.9	3776565	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.51E-04
599	ALL	UCART2	418516.9	3776464	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.51E-04
449	ALL	UCART2	418464.9	3776400	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.50E-04
969	ALL		418363.2	3776703	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.49E-04
812	ALL	UCART2	418568.9	3776556	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.48E-04
492	ALL	UCART2	418482.3	3776418	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.44E-04
321	ALL	UCART1	418127.3	3776272	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.42E-04
791	ALL	UCART2	418568.9	3776546	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.41E-04
341	ALL	UCART1	418089.2	3776290	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.36E-04
535	ALL	UCART2	418499.6	3776436	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.33E-04
706	ALL	UCART2	418551.6	3776510	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.31E-04
642	ALL	UCART2	418534.2	3776482	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.30E-04
895	ALL		417995.8	3776444	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.29E-04
912	ALL		417995.4	3776523	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.28E-04
983	ALL		418492.5	3776676	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.26E-04
770	ALL	UCART2	418568.9	3776537	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.25E-04
991	ALL		418573.6	3776624	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.23E-04
578	ALL	UCART2	418516.9	3776455	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.17E-04
908	ALL		417991.1	3776490	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.16E-04
938	ALL		418079.2	3776670	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.15E-04
434	ALL	UCART1	418432.4	3776362	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.14E-04
974	ALL		418384.9	3776704	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.13E-04
749	ALL	UCART2	418568.9	3776528	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.13E-04
685	ALL	UCART2	418551.6	3776501	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.11E-04
876	ALL	UCART2	418586.2	3776583	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.10E-04
302	ALL	UCART1	418203.6	3776253	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.07E-04
855	ALL	UCART2	418586.2	3776574	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.06E-04
834	ALL	UCART2	418586.2	3776565	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.03E-04
471	ALL	UCART2	418482.3	3776409	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.99E-04
621	ALL	UCART2	418534.2	3776473	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.97E-04
728	ALL	UCART2	418568.9	3776519	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.97E-04
514	ALL	UCART2	418499.6	3776427	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.92E-04
813	ALL	UCART2	418586.2	3776556	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.92E-04
391	ALL	UCART1	418394.3	3776326	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.90E-04
303	ALL	UCART1	418241.7	3776253	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.87E-04
301	ALL	UCART1	418165.5	3776253	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.86E-04
792	ALL	UCART2	418586.2	3776546	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.83E-04
557	ALL	UCART2	418516.9	3776446	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.80E-04
664	ALL	UCART2	418551.6	3776491	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.80E-04

707	ALL	UCART2	418568.9	3776510	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.74E-04
771	ALL	UCART2	418586.2	3776537	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.72E-04
600	ALL	UCART2	418534.2	3776464	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.68E-04
423	ALL	UCART1	418012.9	3776362	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.64E-04
361	ALL	UCART1	418051	3776308	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.61E-04
750	ALL	UCART2	418586.2	3776528	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.59E-04
450	ALL	UCART2	418482.3	3776400	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.54E-04
686	ALL	UCART2	418568.9	3776501	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.54E-04
326	ALL	UCART1	418318	3776272	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.53E-04
992	ALL		418601	3776624	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.52E-04
493	ALL	UCART2	418499.6	3776418	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.52E-04
877	ALL	UCART2	418603.6	3776583	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.52E-04
643	ALL	UCART2	418551.6	3776482	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.50E-04
856	ALL	UCART2	418603.6	3776574	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.50E-04
536	ALL	UCART2	418516.9	3776436	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.45E-04
886	ALL		417990.4	3776412	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.43E-04
835	ALL	UCART2	418603.6	3776565	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.42E-04
729	ALL	UCART2	418586.2	3776519	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.39E-04
348	ALL	UCART1	418356.2	3776290	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.38E-04
579	ALL	UCART2	418534.2	3776455	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.36E-04
814	ALL	UCART2	418603.6	3776556	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.35E-04
320	ALL	UCART1	418089.2	3776272	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.31E-04
304	ALL	UCART1	418279.9	3776253	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.30E-04
665	ALL	UCART2	418568.9	3776491	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.27E-04
300	ALL	UCART1	418127.3	3776253	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.27E-04
793	ALL	UCART2	418603.6	3776546	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.26E-04
622	ALL	UCART2	418551.6	3776473	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.25E-04
708	ALL	UCART2	418586.2	3776510	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.21E-04
472	ALL	UCART2	418499.6	3776409	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.13E-04
909	ALL		417976.2	3776488	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.12E-04
413	ALL	UCART1	418432.4	3776344	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.12E-04
772	ALL	UCART2	418603.6	3776537	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.11E-04
515	ALL	UCART2	418516.9	3776427	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.10E-04
894	ALL		417978.7	3776443	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.09E-04
402	ALL	UCART1	418012.9	3776344	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.07E-04
558	ALL	UCART2	418534.2	3776446	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.05E-04
878	ALL	UCART2	418620.9	3776583	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.05E-04
644	ALL	UCART2	418568.9	3776482	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.04E-04
857	ALL	UCART2	418620.9	3776574	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.98E-04
687	ALL	UCART2	418586.2	3776501	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.98E-04
751	ALL	UCART2	418603.6	3776528	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.97E-04
601	ALL	UCART2	418551.6	3776464	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.95E-04
836	ALL	UCART2	418620.9	3776565	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.90E-04
281	ALL	UCART1	418203.6	3776235	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.90E-04
370	ALL	UCART1	418394.3	3776308	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.89E-04
984	ALL		418493.2	3776705	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.89E-04
965	ALL		418342.2	3776729	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.86E-04
815	ALL	UCART2	418620.9	3776556	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.83E-04
340	ALL	UCART1	418051	3776290	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.81E-04
987	ALL		418419.8	3776720	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.80E-04

623	ALL	UCART2	418568.9	3776473	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.79E-04
730	ALL	UCART2	418603.6	3776519	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.78E-04
280	ALL	UCART1	418165.5	3776235	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.76E-04
666	ALL	UCART2	418586.2	3776491	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.76E-04
451	ALL	UCART2	418499.6	3776400	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.75E-04
494	ALL	UCART2	418516.9	3776418	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.75E-04
282	ALL	UCART1	418241.7	3776235	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.73E-04
794	ALL	UCART2	418620.9	3776546	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.73E-04
537	ALL	UCART2	418534.2	3776436	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.71E-04
580	ALL	UCART2	418551.6	3776455	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.68E-04
709	ALL	UCART2	418603.6	3776510	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.61E-04
988	ALL		418445.1	3776720	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.60E-04
879	ALL	UCART2	418638.2	3776583	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.60E-04
773	ALL	UCART2	418620.9	3776537	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.59E-04
935	ALL		418041.9	3776670	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.54E-04
858	ALL	UCART2	418638.2	3776574	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.54E-04
645	ALL	UCART2	418586.2	3776482	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.53E-04
381	ALL	UCART1	418012.9	3776326	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.51E-04
975	ALL		418384.6	3776729	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.51E-04
305	ALL	UCART1	418318	3776253	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.50E-04
602	ALL	UCART2	418568.9	3776464	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.46E-04
837	ALL	UCART2	418638.2	3776565	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.45E-04
752	ALL	UCART2	418620.9	3776528	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.45E-04
299	ALL	UCART1	418089.2	3776253	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.44E-04
885	ALL		417973	3776412	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.42E-04
688	ALL	UCART2	418603.6	3776501	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.42E-04
327	ALL	UCART1	418356.2	3776272	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.41E-04
473	ALL	UCART2	418516.9	3776409	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.41E-04
516	ALL	UCART2	418534.2	3776427	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.40E-04
435	ALL	UCART1	418470.6	3776362	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.38E-04
559	ALL	UCART2	418551.6	3776446	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.38E-04
937	ALL		418067.1	3776694	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.37E-04
816	ALL	UCART2	418638.2	3776556	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.37E-04
279	ALL	UCART1	418127.3	3776235	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.34E-04
1001	ALL		418653.7	3776625	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.30E-04
283	ALL	UCART1	418279.9	3776235	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.29E-04
624	ALL	UCART2	418586.2	3776473	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.28E-04
392	ALL	UCART1	418432.4	3776326	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.28E-04
731	ALL	UCART2	418620.9	3776519	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.27E-04
795	ALL	UCART2	418638.2	3776546	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.24E-04
667	ALL	UCART2	418603.6	3776491	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.21E-04
581	ALL	UCART2	418568.9	3776455	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.20E-04
910	ALL		417959.8	3776490	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.20E-04
880	ALL	UCART2	418655.6	3776583	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.18E-04
993	ALL		418546.6	3776716	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.14E-04
774	ALL	UCART2	418638.2	3776537	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.12E-04
319	ALL	UCART1	418051	3776272	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.12E-04
859	ALL	UCART2	418655.6	3776574	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.12E-04
985	ALL		418492.1	3776724	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.11E-04
538	ALL	UCART2	418551.6	3776436	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.10E-04

710	ALL	UCART2	418620.9	3776510	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.10E-04
495	ALL	UCART2	418534.2	3776418	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.09E-04
452	ALL	UCART2	418516.9	3776400	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.08E-04
349	ALL	UCART1	418394.3	3776290	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.07E-04
838	ALL	UCART2	418655.6	3776565	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.03E-04
603	ALL	UCART2	418586.2	3776464	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.03E-04
996	ALL		418564.4	3776715	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.00E-04
646	ALL	UCART2	418603.6	3776482	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.99E-04
360	ALL	UCART1	418012.9	3776308	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.99E-04
260	ALL	UCART1	418203.6	3776217	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.99E-04
753	ALL	UCART2	418638.2	3776528	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.97E-04
817	ALL	UCART2	418655.6	3776556	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.93E-04
689	ALL	UCART2	418620.9	3776501	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.92E-04
560	ALL	UCART2	418568.9	3776446	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.91E-04
259	ALL	UCART1	418165.5	3776217	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.90E-04
261	ALL	UCART1	418241.7	3776217	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.84E-04
796	ALL	UCART2	418655.6	3776546	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.82E-04
517	ALL	UCART2	418551.6	3776427	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.82E-04
732	ALL	UCART2	418638.2	3776519	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.81E-04
881	ALL	UCART2	418672.9	3776583	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.80E-04
474	ALL	UCART2	418534.2	3776409	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.80E-04
625	ALL	UCART2	418603.6	3776473	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.76E-04
582	ALL	UCART2	418586.2	3776455	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.76E-04
893	ALL		417953	3776441	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.73E-04
860	ALL	UCART2	418672.9	3776574	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.72E-04
422	ALL	UCART1	417974.8	3776362	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.71E-04
936	ALL		418042.7	3776692	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.71E-04
668	ALL	UCART2	418620.9	3776491	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.71E-04
278	ALL	UCART1	418089.2	3776235	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.71E-04
884	ALL		417957.7	3776412	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.70E-04
1002	ALL		418685.1	3776625	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.70E-04
414	ALL	UCART1	418470.6	3776344	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.70E-04
775	ALL	UCART2	418655.6	3776537	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.69E-04
284	ALL	UCART1	418318	3776235	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.67E-04
539	ALL	UCART2	418568.9	3776436	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.65E-04
711	ALL	UCART2	418638.2	3776510	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.64E-04
839	ALL	UCART2	418672.9	3776565	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.64E-04
306	ALL	UCART1	418356.2	3776253	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.63E-04
998	ALL		418601.8	3776717	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.62E-04
371	ALL	UCART1	418432.4	3776308	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.60E-04
258	ALL	UCART1	418127.3	3776217	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.58E-04
754	ALL	UCART2	418655.6	3776528	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.56E-04
496	ALL	UCART2	418551.6	3776418	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.55E-04
818	ALL	UCART2	418672.9	3776556	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.53E-04
1000	ALL		418624.2	3776712	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.53E-04
604	ALL	UCART2	418603.6	3776464	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.52E-04
453	ALL	UCART2	418534.2	3776400	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.51E-04
298	ALL	UCART1	418051	3776253	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.51E-04
647	ALL	UCART2	418620.9	3776482	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.51E-04
561	ALL	UCART2	418586.2	3776446	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.50E-04

339	ALL	UCART1	418012.9	3776290	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.50E-04
262	ALL	UCART1	418279.9	3776217	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.48E-04
690	ALL	UCART2	418638.2	3776501	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.47E-04
966	ALL		418342.9	3776756	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.45E-04
882	ALL	UCART2	418690.2	3776583	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.45E-04
797	ALL	UCART2	418672.9	3776546	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.43E-04
733	ALL	UCART2	418655.6	3776519	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.40E-04
401	ALL	UCART1	417974.8	3776344	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.39E-04
328	ALL	UCART1	418394.3	3776272	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.38E-04
861	ALL	UCART2	418690.2	3776574	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.37E-04
518	ALL	UCART2	418568.9	3776427	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.35E-04
1003	ALL		418704.6	3776626	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.35E-04
776	ALL	UCART2	418672.9	3776537	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.30E-04
626	ALL	UCART2	418620.9	3776473	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.30E-04
583	ALL	UCART2	418603.6	3776455	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.29E-04
669	ALL	UCART2	418638.2	3776491	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.28E-04
475	ALL	UCART2	418551.6	3776409	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.28E-04
840	ALL	UCART2	418690.2	3776565	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.28E-04
239	ALL	UCART1	418203.6	3776199	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.24E-04
540	ALL	UCART2	418586.2	3776436	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.24E-04
712	ALL	UCART2	418655.6	3776510	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.23E-04
911	ALL		417937.4	3776491	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-04
892	ALL		417940.2	3776441	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.20E-04
989	ALL		418422	3776754	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.20E-04
238	ALL	UCART1	418165.5	3776199	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.19E-04
819	ALL	UCART2	418690.2	3776556	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.18E-04
755	ALL	UCART2	418672.9	3776528	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.17E-04
994	ALL		418547.3	3776744	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.17E-04
970	ALL		418365.3	3776761	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.14E-04
436	ALL	UCART1	418508.7	3776362	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.14E-04
393	ALL	UCART1	418470.6	3776326	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.11E-04
240	ALL	UCART1	418241.7	3776199	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.11E-04
257	ALL	UCART1	418089.2	3776217	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.10E-04
976	ALL		418384.9	3776760	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.09E-04
497	ALL	UCART2	418568.9	3776418	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.09E-04
648	ALL	UCART2	418638.2	3776482	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.09E-04
605	ALL	UCART2	418620.9	3776464	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.08E-04
995	ALL		418565.4	3776744	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.08E-04
380	ALL	UCART1	417974.8	3776326	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.07E-04
798	ALL	UCART2	418690.2	3776546	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.07E-04
691	ALL	UCART2	418655.6	3776501	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.07E-04
562	ALL	UCART2	418603.6	3776446	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.05E-04
318	ALL	UCART1	418012.9	3776272	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.05E-04
883	ALL		417940.9	3776411	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.04E-04
350	ALL	UCART1	418432.4	3776290	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.03E-04
454	ALL	UCART2	418551.6	3776400	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.03E-04
734	ALL	UCART2	418672.9	3776519	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.02E-04
263	ALL	UCART1	418318	3776217	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.99E-04
285	ALL	UCART1	418356.2	3776235	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.99E-04
519	ALL	UCART2	418586.2	3776427	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.98E-04

277	ALL	UCART1	418051	3776235	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.98E-04
237	ALL	UCART1	418127.3	3776199	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.96E-04
777	ALL	UCART2	418690.2	3776537	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.95E-04
986	ALL		418493.9	3776755	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.94E-04
670	ALL	UCART2	418655.6	3776491	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.89E-04
627	ALL	UCART2	418638.2	3776473	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.89E-04
997	ALL		418602.1	3776745	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.88E-04
584	ALL	UCART2	418620.9	3776455	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.87E-04
713	ALL	UCART2	418672.9	3776510	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.86E-04
476	ALL	UCART2	418568.9	3776409	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.85E-04
241	ALL	UCART1	418279.9	3776199	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.82E-04
756	ALL	UCART2	418690.2	3776528	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.82E-04
541	ALL	UCART2	418603.6	3776436	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.82E-04
307	ALL	UCART1	418394.3	3776253	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.81E-04
359	ALL	UCART1	417974.8	3776308	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.76E-04
498	ALL	UCART2	418586.2	3776418	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.74E-04
649	ALL	UCART2	418655.6	3776482	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-04
999	ALL		418625.6	3776746	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.71E-04
692	ALL	UCART2	418672.9	3776501	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.71E-04
606	ALL	UCART2	418638.2	3776464	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.69E-04
735	ALL	UCART2	418690.2	3776519	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.68E-04
563	ALL	UCART2	418620.9	3776446	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.65E-04
415	ALL	UCART1	418508.7	3776344	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.64E-04
297	ALL	UCART1	418012.9	3776253	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.64E-04
218	ALL	UCART1	418203.6	3776181	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.63E-04
372	ALL	UCART1	418470.6	3776308	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.63E-04
455	ALL	UCART2	418568.9	3776400	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.62E-04
217	ALL	UCART1	418165.5	3776181	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.60E-04
520	ALL	UCART2	418603.6	3776427	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.58E-04
236	ALL	UCART1	418089.2	3776199	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.58E-04
671	ALL	UCART2	418672.9	3776491	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.54E-04
714	ALL	UCART2	418690.2	3776510	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.54E-04
628	ALL	UCART2	418655.6	3776473	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.53E-04
329	ALL	UCART1	418432.4	3776272	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.53E-04
256	ALL	UCART1	418051	3776217	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-04
219	ALL	UCART1	418241.7	3776181	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-04
477	ALL	UCART2	418586.2	3776409	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.49E-04
585	ALL	UCART2	418638.2	3776455	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.49E-04
338	ALL	UCART1	417974.8	3776290	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.45E-04
264	ALL	UCART1	418356.2	3776217	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.45E-04
542	ALL	UCART2	418620.9	3776436	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.44E-04
242	ALL	UCART1	418318	3776199	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.43E-04
421	ALL	UCART1	417936.6	3776362	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.43E-04
216	ALL	UCART1	418127.3	3776181	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.43E-04
693	ALL	UCART2	418690.2	3776501	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.38E-04
650	ALL	UCART2	418672.9	3776482	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.38E-04
499	ALL	UCART2	418603.6	3776418	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.37E-04
607	ALL	UCART2	418655.6	3776464	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.35E-04
286	ALL	UCART1	418394.3	3776235	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E-04
564	ALL	UCART2	418638.2	3776446	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.29E-04

220	ALL	UCART1	418279.9	3776181	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.28E-04
456	ALL	UCART2	418586.2	3776400	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.27E-04
276	ALL	UCART1	418012.9	3776235	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.27E-04
400	ALL	UCART1	417936.6	3776344	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.24E-04
672	ALL	UCART2	418690.2	3776491	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-04
521	ALL	UCART2	418620.9	3776427	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-04
394	ALL	UCART1	418508.7	3776326	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.22E-04
629	ALL	UCART2	418672.9	3776473	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-04
437	ALL	UCART1	418546.9	3776362	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-04
351	ALL	UCART1	418470.6	3776290	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.20E-04
317	ALL	UCART1	417974.8	3776272	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.16E-04
586	ALL	UCART2	418655.6	3776455	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.16E-04
478	ALL	UCART2	418603.6	3776409	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-04
215	ALL	UCART1	418089.2	3776181	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.13E-04
197	ALL	UCART1	418203.6	3776163	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.13E-04
235	ALL	UCART1	418051	3776199	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-04
196	ALL	UCART1	418165.5	3776163	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.11E-04
308	ALL	UCART1	418432.4	3776253	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.10E-04
543	ALL	UCART2	418638.2	3776436	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.10E-04
651	ALL	UCART2	418690.2	3776482	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.08E-04
379	ALL	UCART1	417936.6	3776326	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.04E-04
608	ALL	UCART2	418672.9	3776464	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.04E-04
500	ALL	UCART2	418620.9	3776418	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.03E-04
198	ALL	UCART1	418241.7	3776163	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.03E-04
243	ALL	UCART1	418356.2	3776199	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.99E-04
195	ALL	UCART1	418127.3	3776163	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.98E-04
565	ALL	UCART2	418655.6	3776446	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.98E-04
221	ALL	UCART1	418318	3776181	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.96E-04
457	ALL	UCART2	418603.6	3776400	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.95E-04
255	ALL	UCART1	418012.9	3776217	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.94E-04
630	ALL	UCART2	418690.2	3776473	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.92E-04
265	ALL	UCART1	418394.3	3776217	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.91E-04
522	ALL	UCART2	418638.2	3776427	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.91E-04
296	ALL	UCART1	417974.8	3776253	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.89E-04
587	ALL	UCART2	418672.9	3776455	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.87E-04
373	ALL	UCART1	418508.7	3776308	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.86E-04
330	ALL	UCART1	418470.6	3776272	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-04
479	ALL	UCART2	418620.9	3776409	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-04
358	ALL	UCART1	417936.6	3776308	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-04
416	ALL	UCART1	418546.9	3776344	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.83E-04
199	ALL	UCART1	418279.9	3776163	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.83E-04
544	ALL	UCART2	418655.6	3776436	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.79E-04
214	ALL	UCART1	418051	3776181	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-04
609	ALL	UCART2	418690.2	3776464	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-04
194	ALL	UCART1	418089.2	3776163	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.75E-04
287	ALL	UCART1	418432.4	3776235	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.74E-04
501	ALL	UCART2	418638.2	3776418	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-04
176	ALL	UCART1	418203.6	3776145	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.70E-04
566	ALL	UCART2	418672.9	3776446	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.70E-04
175	ALL	UCART1	418165.5	3776145	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.70E-04

458	ALL	UCART2	418620.9	3776400	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-04
337	ALL	UCART1	417936.6	3776290	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.64E-04
234	ALL	UCART1	418012.9	3776199	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-04
275	ALL	UCART1	417974.8	3776235	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-04
523	ALL	UCART2	418655.6	3776427	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-04
177	ALL	UCART1	418241.7	3776145	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.61E-04
222	ALL	UCART1	418356.2	3776181	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-04
588	ALL	UCART2	418690.2	3776455	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-04
174	ALL	UCART1	418127.3	3776145	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-04
200	ALL	UCART1	418318	3776163	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-04
244	ALL	UCART1	418394.3	3776199	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.55E-04
352	ALL	UCART1	418508.7	3776290	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.55E-04
480	ALL	UCART2	418638.2	3776409	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.55E-04
545	ALL	UCART2	418672.9	3776436	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.53E-04
438	ALL	UCART1	418585	3776362	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.53E-04
309	ALL	UCART1	418470.6	3776253	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.52E-04
395	ALL	UCART1	418546.9	3776326	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-04
178	ALL	UCART1	418279.9	3776145	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.45E-04
316	ALL	UCART1	417936.6	3776272	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.45E-04
567	ALL	UCART2	418690.2	3776446	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.45E-04
502	ALL	UCART2	418655.6	3776418	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.45E-04
193	ALL	UCART1	418051	3776163	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.45E-04
266	ALL	UCART1	418432.4	3776217	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-04
173	ALL	UCART1	418089.2	3776145	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.41E-04
254	ALL	UCART1	417974.8	3776217	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-04
459	ALL	UCART2	418638.2	3776400	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-04
524	ALL	UCART2	418672.9	3776427	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-04
213	ALL	UCART1	418012.9	3776181	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-04
154	ALL	UCART1	418165.5	3776127	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-04
155	ALL	UCART1	418203.6	3776127	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.34E-04
546	ALL	UCART2	418690.2	3776436	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.30E-04
481	ALL	UCART2	418655.6	3776409	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.29E-04
331	ALL	UCART1	418508.7	3776272	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-04
201	ALL	UCART1	418356.2	3776163	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-04
153	ALL	UCART1	418127.3	3776127	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-04
156	ALL	UCART1	418241.7	3776127	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-04
295	ALL	UCART1	417936.6	3776253	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-04
374	ALL	UCART1	418546.9	3776308	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-04
288	ALL	UCART1	418470.6	3776235	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-04
223	ALL	UCART1	418394.3	3776181	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.24E-04
179	ALL	UCART1	418318	3776145	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-04
417	ALL	UCART1	418585	3776344	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-04
503	ALL	UCART2	418672.9	3776418	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.21E-04
233	ALL	UCART1	417974.8	3776199	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-04
172	ALL	UCART1	418051	3776145	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-04
525	ALL	UCART2	418690.2	3776427	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E-04
245	ALL	UCART1	418432.4	3776199	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-04
460	ALL	UCART2	418655.6	3776400	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-04
157	ALL	UCART1	418279.9	3776127	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-04
152	ALL	UCART1	418089.2	3776127	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-04

192	ALL	UCART1	418012.9	3776163	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-04
274	ALL	UCART1	417936.6	3776235	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-04
482	ALL	UCART2	418672.9	3776409	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-04
133	ALL	UCART1	418165.5	3776109	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-04
134	ALL	UCART1	418203.6	3776109	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-04
310	ALL	UCART1	418508.7	3776253	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-04
353	ALL	UCART1	418546.9	3776290	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-04
504	ALL	UCART2	418690.2	3776418	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.01E-04
267	ALL	UCART1	418470.6	3776217	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-04
396	ALL	UCART1	418585	3776326	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-04
132	ALL	UCART1	418127.3	3776109	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-04
180	ALL	UCART1	418356.2	3776145	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-04
439	ALL	UCART1	418623.1	3776362	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-04
135	ALL	UCART1	418241.7	3776109	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-04
202	ALL	UCART1	418394.3	3776163	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-04
212	ALL	UCART1	417974.8	3776181	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-04
158	ALL	UCART1	418318	3776127	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.94E-04
151	ALL	UCART1	418051	3776127	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-04
461	ALL	UCART2	418672.9	3776400	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-04
253	ALL	UCART1	417936.6	3776217	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-04
171	ALL	UCART1	418012.9	3776145	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-04
224	ALL	UCART1	418432.4	3776181	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-04
131	ALL	UCART1	418089.2	3776109	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-04
483	ALL	UCART2	418690.2	3776409	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-04
136	ALL	UCART1	418279.9	3776109	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-04
289	ALL	UCART1	418508.7	3776235	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-04
332	ALL	UCART1	418546.9	3776272	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-04
112	ALL	UCART1	418165.5	3776091	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-04
375	ALL	UCART1	418585	3776308	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-04
246	ALL	UCART1	418470.6	3776199	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-04
191	ALL	UCART1	417974.8	3776163	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-04
113	ALL	UCART1	418203.6	3776091	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-04
232	ALL	UCART1	417936.6	3776199	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.76E-04
418	ALL	UCART1	418623.1	3776344	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-04
462	ALL	UCART2	418690.2	3776400	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-04
111	ALL	UCART1	418127.3	3776091	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-04
159	ALL	UCART1	418356.2	3776127	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-04
181	ALL	UCART1	418394.3	3776145	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-04
114	ALL	UCART1	418241.7	3776091	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-04
130	ALL	UCART1	418051	3776109	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-04
137	ALL	UCART1	418318	3776109	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-04
150	ALL	UCART1	418012.9	3776127	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-04
203	ALL	UCART1	418432.4	3776163	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-04
110	ALL	UCART1	418089.2	3776091	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.65E-04
311	ALL	UCART1	418546.9	3776253	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-04
268	ALL	UCART1	418508.7	3776217	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-04
115	ALL	UCART1	418279.9	3776091	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-04
354	ALL	UCART1	418585	3776290	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-04
170	ALL	UCART1	417974.8	3776145	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-04
211	ALL	UCART1	417936.6	3776181	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-04

225	ALL	UCART1	418470.6	3776181	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-04
397	ALL	UCART1	418623.1	3776326	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-04
91	ALL	UCART1	418165.5	3776073	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-04
92	ALL	UCART1	418203.6	3776073	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-04
440	ALL	UCART1	418661.3	3776362	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-04
90	ALL	UCART1	418127.3	3776073	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-04
160	ALL	UCART1	418394.3	3776127	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-04
138	ALL	UCART1	418356.2	3776109	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-04
109	ALL	UCART1	418051	3776091	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-04
129	ALL	UCART1	418012.9	3776109	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-04
93	ALL	UCART1	418241.7	3776073	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-04
182	ALL	UCART1	418432.4	3776145	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-04
116	ALL	UCART1	418318	3776091	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-04
290	ALL	UCART1	418546.9	3776235	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-04
190	ALL	UCART1	417936.6	3776163	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-04
247	ALL	UCART1	418508.7	3776199	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-04
89	ALL	UCART1	418089.2	3776073	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-04
149	ALL	UCART1	417974.8	3776127	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-04
333	ALL	UCART1	418585	3776272	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-04
204	ALL	UCART1	418470.6	3776163	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-04
94	ALL	UCART1	418279.9	3776073	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-04
376	ALL	UCART1	418623.1	3776308	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-04
70	ALL	UCART1	418165.5	3776054	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-04
419	ALL	UCART1	418661.3	3776344	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-04
108	ALL	UCART1	418012.9	3776091	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-04
71	ALL	UCART1	418203.6	3776054	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-04
88	ALL	UCART1	418051	3776073	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-04
69	ALL	UCART1	418127.3	3776054	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-04
139	ALL	UCART1	418394.3	3776109	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-04
169	ALL	UCART1	417936.6	3776145	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-04
269	ALL	UCART1	418546.9	3776217	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-04
117	ALL	UCART1	418356.2	3776091	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-04
226	ALL	UCART1	418508.7	3776181	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-04
161	ALL	UCART1	418432.4	3776127	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-04
128	ALL	UCART1	417974.8	3776109	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-04
72	ALL	UCART1	418241.7	3776054	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-04
312	ALL	UCART1	418585	3776253	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-04
95	ALL	UCART1	418318	3776073	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-04
68	ALL	UCART1	418089.2	3776054	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-04
183	ALL	UCART1	418470.6	3776145	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-04
355	ALL	UCART1	418623.1	3776290	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-04
73	ALL	UCART1	418279.9	3776054	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-04
441	ALL	UCART1	418699.4	3776362	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-04
148	ALL	UCART1	417936.6	3776127	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-04
398	ALL	UCART1	418661.3	3776326	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-04
87	ALL	UCART1	418012.9	3776073	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-04
248	ALL	UCART1	418546.9	3776199	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-04
49	ALL	UCART1	418165.5	3776036	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-04
67	ALL	UCART1	418051	3776054	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-04
50	ALL	UCART1	418203.6	3776036	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-04

118	ALL	UCART1	418394.3	3776091	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-04
205	ALL	UCART1	418508.7	3776163	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-04
48	ALL	UCART1	418127.3	3776036	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-04
291	ALL	UCART1	418585	3776235	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-04
107	ALL	UCART1	417974.8	3776091	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-04
96	ALL	UCART1	418356.2	3776073	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-04
140	ALL	UCART1	418432.4	3776109	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-04
51	ALL	UCART1	418241.7	3776036	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-04
74	ALL	UCART1	418318	3776054	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-04
47	ALL	UCART1	418089.2	3776036	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-04
162	ALL	UCART1	418470.6	3776127	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-04
334	ALL	UCART1	418623.1	3776272	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-04
127	ALL	UCART1	417936.6	3776109	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-04
377	ALL	UCART1	418661.3	3776308	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-04
227	ALL	UCART1	418546.9	3776181	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-04
66	ALL	UCART1	418012.9	3776054	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-04
52	ALL	UCART1	418279.9	3776036	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-04
270	ALL	UCART1	418585	3776217	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-04
86	ALL	UCART1	417974.8	3776073	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-04
46	ALL	UCART1	418051	3776036	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-04
420	ALL	UCART1	418699.4	3776344	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-04
184	ALL	UCART1	418508.7	3776145	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-04
28	ALL	UCART1	418165.5	3776018	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-04
97	ALL	UCART1	418394.3	3776073	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-04
27	ALL	UCART1	418127.3	3776018	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-04
29	ALL	UCART1	418203.6	3776018	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-04
119	ALL	UCART1	418432.4	3776091	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-04
75	ALL	UCART1	418356.2	3776054	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-04
106	ALL	UCART1	417936.6	3776091	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-04
26	ALL	UCART1	418089.2	3776018	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-04
30	ALL	UCART1	418241.7	3776018	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04
141	ALL	UCART1	418470.6	3776109	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04
313	ALL	UCART1	418623.1	3776253	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04
356	ALL	UCART1	418661.3	3776290	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04
53	ALL	UCART1	418318	3776036	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04
249	ALL	UCART1	418585	3776199	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-04
206	ALL	UCART1	418546.9	3776163	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-04
45	ALL	UCART1	418012.9	3776036	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-04
65	ALL	UCART1	417974.8	3776054	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-04
163	ALL	UCART1	418508.7	3776127	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-04
31	ALL	UCART1	418279.9	3776018	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-04
25	ALL	UCART1	418051	3776018	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-04
399	ALL	UCART1	418699.4	3776326	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-04
7	ALL	UCART1	418165.5	3776000	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-04
76	ALL	UCART1	418394.3	3776054	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-04
6	ALL	UCART1	418127.3	3776000	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04
98	ALL	UCART1	418432.4	3776073	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04
85	ALL	UCART1	417936.6	3776073	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04
8	ALL	UCART1	418203.6	3776000	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-04
54	ALL	UCART1	418356.2	3776036	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-04

292	ALL	UCART1	418623.1	3776235	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-04
335	ALL	UCART1	418661.3	3776272	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-04
228	ALL	UCART1	418585	3776181	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-04
120	ALL	UCART1	418470.6	3776091	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-04
5	ALL	UCART1	418089.2	3776000	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-04
185	ALL	UCART1	418546.9	3776145	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-04
9	ALL	UCART1	418241.7	3776000	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-04
32	ALL	UCART1	418318	3776018	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-04
24	ALL	UCART1	418012.9	3776018	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-04
44	ALL	UCART1	417974.8	3776036	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-04
142	ALL	UCART1	418508.7	3776109	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04
4	ALL	UCART1	418051	3776000	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04
271	ALL	UCART1	418623.1	3776217	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04
10	ALL	UCART1	418279.9	3776000	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04
64	ALL	UCART1	417936.6	3776054	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04
378	ALL	UCART1	418699.4	3776308	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-04
55	ALL	UCART1	418394.3	3776036	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-04
77	ALL	UCART1	418432.4	3776054	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-04
314	ALL	UCART1	418661.3	3776253	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-04
207	ALL	UCART1	418585	3776163	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-04
33	ALL	UCART1	418356.2	3776018	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-04
99	ALL	UCART1	418470.6	3776073	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-04
164	ALL	UCART1	418546.9	3776127	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-04
250	ALL	UCART1	418623.1	3776199	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-04
23	ALL	UCART1	417974.8	3776018	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-04
3	ALL	UCART1	418012.9	3776000	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-04
11	ALL	UCART1	418318	3776000	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-04
121	ALL	UCART1	418508.7	3776091	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-04
43	ALL	UCART1	417936.6	3776036	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-04
293	ALL	UCART1	418661.3	3776235	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-04
357	ALL	UCART1	418699.4	3776290	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-04
186	ALL	UCART1	418585	3776145	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-04
56	ALL	UCART1	418432.4	3776036	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-04
34	ALL	UCART1	418394.3	3776018	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-04
229	ALL	UCART1	418623.1	3776181	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-04
143	ALL	UCART1	418546.9	3776109	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-04
78	ALL	UCART1	418470.6	3776054	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04
12	ALL	UCART1	418356.2	3776000	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04
2	ALL	UCART1	417974.8	3776000	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-04
100	ALL	UCART1	418508.7	3776073	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-04
22	ALL	UCART1	417936.6	3776018	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-04
272	ALL	UCART1	418661.3	3776217	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-04
208	ALL	UCART1	418623.1	3776163	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-04
165	ALL	UCART1	418585	3776127	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04
336	ALL	UCART1	418699.4	3776272	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-04
122	ALL	UCART1	418546.9	3776091	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-04
35	ALL	UCART1	418432.4	3776018	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-04
13	ALL	UCART1	418394.3	3776000	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-04
57	ALL	UCART1	418470.6	3776036	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04
251	ALL	UCART1	418661.3	3776199	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-04

1	ALL	UCART1	417936.6	3776000	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-04
79	ALL	UCART1	418508.7	3776054	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-04
187	ALL	UCART1	418623.1	3776145	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-04
144	ALL	UCART1	418585	3776109	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-04
315	ALL	UCART1	418699.4	3776253	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-04
101	ALL	UCART1	418546.9	3776073	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-04
14	ALL	UCART1	418432.4	3776000	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-04
230	ALL	UCART1	418661.3	3776181	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-04
36	ALL	UCART1	418470.6	3776018	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-04
58	ALL	UCART1	418508.7	3776036	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-04
166	ALL	UCART1	418623.1	3776127	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-04
123	ALL	UCART1	418585	3776091	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-04
294	ALL	UCART1	418699.4	3776235	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-04
209	ALL	UCART1	418661.3	3776163	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04
80	ALL	UCART1	418546.9	3776054	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-04
15	ALL	UCART1	418470.6	3776000	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-04
145	ALL	UCART1	418623.1	3776109	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-04
37	ALL	UCART1	418508.7	3776018	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-04
273	ALL	UCART1	418699.4	3776217	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-04
102	ALL	UCART1	418585	3776073	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-04
188	ALL	UCART1	418661.3	3776145	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-04
59	ALL	UCART1	418546.9	3776036	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-04
252	ALL	UCART1	418699.4	3776199	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-04
124	ALL	UCART1	418623.1	3776091	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-04
81	ALL	UCART1	418585	3776054	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-04
16	ALL	UCART1	418508.7	3776000	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-04
167	ALL	UCART1	418661.3	3776127	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-04
38	ALL	UCART1	418546.9	3776018	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04
231	ALL	UCART1	418699.4	3776181	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04
103	ALL	UCART1	418623.1	3776073	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04
146	ALL	UCART1	418661.3	3776109	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04
60	ALL	UCART1	418585	3776036	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04
210	ALL	UCART1	418699.4	3776163	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-04
17	ALL	UCART1	418546.9	3776000	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-04
82	ALL	UCART1	418623.1	3776054	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-04
125	ALL	UCART1	418661.3	3776091	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-04
189	ALL	UCART1	418699.4	3776145	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-04
39	ALL	UCART1	418585	3776018	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-04
168	ALL	UCART1	418699.4	3776127	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-04
104	ALL	UCART1	418661.3	3776073	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04
61	ALL	UCART1	418623.1	3776036	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04
18	ALL	UCART1	418585	3776000	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-04
147	ALL	UCART1	418699.4	3776109	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-04
83	ALL	UCART1	418661.3	3776054	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-04
40	ALL	UCART1	418623.1	3776018	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-04
126	ALL	UCART1	418699.4	3776091	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-04
62	ALL	UCART1	418661.3	3776036	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-04
19	ALL	UCART1	418623.1	3776000	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-04
105	ALL	UCART1	418699.4	3776073	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-04
41	ALL	UCART1	418661.3	3776018	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-04

84	ALL	UCART1	418699.4	3776054	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-04
20	ALL	UCART1	418661.3	3776000	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.84E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.84E-05
63	ALL	UCART1	418699.4	3776036	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.76E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.76E-05
42	ALL	UCART1	418699.4	3776018	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.43E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.43E-05
21	ALL	UCART1	418699.4	3776000	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.09E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.09E-05

Delaney Square Onsite HRA Cancer Risk

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_R	MMILK_RIS	WATER_RIS	FISH_RISK	CROP_RISI	BEEF_RISK	DAIRY_RISI	PIG_RISK	CHICKEN_	EGG_RISK
2	ALL		418148.7	3776436	6.04E-06	1.43YrCan	6.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3	ALL		418149.3	3776425	5.31E-06	1.43YrCan	5.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6	ALL		418149.1	3776414	4.68E-06	1.43YrCan	4.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1	ALL		418129	3776435	4.51E-06	1.43YrCan	4.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7	ALL		418148.7	3776402	4.00E-06	1.43YrCan	4.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4	ALL		418128.1	3776425	3.76E-06	1.43YrCan	3.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5	ALL		418127.2	3776415	3.22E-06	1.43YrCan	3.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8	ALL		418128.1	3776402	2.82E-06	1.43YrCan	2.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Delaney Square Onsite HRA Chronic Risk

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
2	ALL		418148.7	3776436	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.72E-03
3	ALL		418149.3	3776425	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.03E-03
6	ALL		418149.1	3776414	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.43E-03
1	ALL		418129	3776435	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.27E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.27E-03
7	ALL		418148.7	3776402	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.79E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.79E-03
4	ALL		418128.1	3776425	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.56E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.56E-03
5	ALL		418127.2	3776415	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-03
8	ALL		418128.1	3776402	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-03

Delaney Square HRA Offsite Detailed Report

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1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Delaney Square HRA Offsite
Construction Start Date	11/4/2026
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	1.80
Precipitation (days)	22.4
Location	E Mauna Loa Ave, Azusa, CA, USA
County	Los Angeles-South Coast
City	Azusa
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	5042
EDFZ	7
Electric Utility	Azusa Light & Power
Gas Utility	Southern California Gas
App Version	2022.1.1.30

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Condo/Townhouse	63.0	Dwelling Unit	2.66	93,259	18,016	0.00	186	Landscape = private + potion of public

Single Family Housing	65.0	Dwelling Unit	4.96	105,914	34,000	0.00	192	Landscape = private + potion of public
Parking Lot	75.0	Space	0.67	0.00	0.00	0.00	—	uncovered parking
Other Asphalt Surfaces	64.2	1000sqft	1.47	0.00	0.00	0.00	—	Interior Roadway

1.3. User-Selected Emission Reduction Measures by Emissions Sector

No measures selected

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	5.07	4.84	26.5	34.8	0.05	1.27	3.80	5.07	1.17	1.45	2.62	—	5,689	5,689	0.24	0.05	0.03	5,710
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	5.07	4.84	9.88	16.3	0.02	0.32	0.87	1.02	0.30	0.13	0.30	—	2,412	2,412	0.10	0.02	< 0.005	2,422
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	3.06	2.93	5.80	9.94	0.01	0.21	0.59	0.80	0.19	0.19	0.39	—	1,472	1,472	0.06	0.01	0.01	1,478
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.56	0.53	1.06	1.81	< 0.005	0.04	0.11	0.15	0.04	0.04	0.07	—	244	244	0.01	< 0.005	< 0.005	245

2.2. Construction Emissions by Year, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	3.78	3.17	26.5	34.8	0.05	1.27	3.80	5.07	1.17	1.45	2.62	—	5,689	5,689	0.24	0.05	0.02	5,710
2028	5.07	4.84	9.87	16.3	0.02	0.32	< 0.005	0.33	0.30	< 0.005	0.30	—	2,412	2,412	0.10	0.02	0.03	2,422
2029	5.01	4.79	9.49	16.3	0.02	0.29	< 0.005	0.29	0.26	< 0.005	0.26	—	2,411	2,411	0.10	0.02	0.02	2,420
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.77	0.64	4.84	6.06	0.02	0.15	0.87	1.02	0.14	0.13	0.27	—	1,789	1,789	0.08	0.02	< 0.005	1,797
2027	0.74	0.61	4.52	6.07	0.02	0.13	0.87	1.01	0.12	0.13	0.25	—	1,793	1,793	0.08	0.02	< 0.005	1,801
2028	5.07	4.84	9.88	16.3	0.02	0.32	< 0.005	0.33	0.30	< 0.005	0.30	—	2,412	2,412	0.10	0.02	< 0.005	2,422
2029	5.01	4.79	9.50	16.3	0.02	0.29	< 0.005	0.29	0.26	< 0.005	0.26	—	2,411	2,411	0.10	0.02	< 0.005	2,421
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.09	0.07	0.55	0.69	< 0.005	0.02	0.10	0.12	0.02	0.02	0.03	—	203	203	0.01	< 0.005	< 0.005	204
2027	0.74	0.62	5.07	6.97	0.01	0.21	0.59	0.80	0.19	0.19	0.39	—	1,246	1,246	0.05	0.01	< 0.005	1,251
2028	1.95	1.84	5.01	8.17	0.01	0.16	< 0.005	0.17	0.15	< 0.005	0.15	—	1,218	1,218	0.05	0.01	< 0.005	1,223
2029	3.06	2.93	5.80	9.94	0.01	0.18	< 0.005	0.18	0.16	< 0.005	0.16	—	1,472	1,472	0.06	0.01	0.01	1,478
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.02	0.01	0.10	0.13	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	33.6	33.6	< 0.005	< 0.005	< 0.005	33.8
2027	0.14	0.11	0.92	1.27	< 0.005	0.04	0.11	0.15	0.04	0.04	0.07	—	206	206	0.01	< 0.005	< 0.005	207
2028	0.36	0.34	0.91	1.49	< 0.005	0.03	< 0.005	0.03	0.03	< 0.005	0.03	—	202	202	0.01	< 0.005	< 0.005	202
2029	0.56	0.53	1.06	1.81	< 0.005	0.03	< 0.005	0.03	0.03	< 0.005	0.03	—	244	244	0.01	< 0.005	< 0.005	245

3. Construction Emissions Details

3.1. Demolition (2026) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.75	0.63	4.59	5.88	0.02	0.15	—	0.15	0.14	—	0.14	—	1,748	1,748	0.07	0.01	—	1,754
Demolition	—	—	—	—	—	—	0.87	0.87	—	0.13	0.13	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.09	0.07	0.52	0.67	< 0.005	0.02	—	0.02	0.02	—	0.02	—	198	198	0.01	< 0.005	—	199
Demolition	—	—	—	—	—	—	0.10	0.10	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.01	0.10	0.12	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	32.9	32.9	< 0.005	< 0.005	—	33.0
Demolition	—	—	—	—	—	—	0.02	0.02	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.02	0.01	0.25	0.18	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	40.5	40.5	0.01	0.01	< 0.005	42.8
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	4.57	4.57	< 0.005	< 0.005	< 0.005	4.83
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.76	0.76	< 0.005	< 0.005	< 0.005	0.80

3.3. Demolition (2027) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipm	0.72	0.60	4.28	5.90	0.02	0.13	—	0.13	0.12	—	0.12	—	1,753	1,753	0.07	0.01	—	1,759
Demolition	—	—	—	—	—	—	0.87	0.87	—	0.13	0.13	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.12	0.10	0.70	0.97	< 0.005	0.02	—	0.02	0.02	—	0.02	—	288	288	0.01	< 0.005	—	289
Demolition	—	—	—	—	—	—	0.14	0.14	—	0.02	0.02	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.13	0.18	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	47.7	47.7	< 0.005	< 0.005	—	47.9
Demolition	—	—	—	—	—	—	0.03	0.03	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Hauling	0.02	0.01	0.24	0.18	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	39.9	39.9	0.01	0.01	< 0.005	42.1
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.51	6.51	< 0.005	< 0.005	< 0.005	6.87
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.08	1.08	< 0.005	< 0.005	< 0.005	1.14

3.5. Site Prep & Grading (2027) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.76	3.16	26.3	34.6	0.05	1.27	—	1.27	1.17	—	1.17	—	5,654	5,654	0.23	0.05	—	5,674
Dust From Material Movement	—	—	—	—	—	—	3.80	3.80	—	1.45	1.45	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.44	0.37	3.10	4.08	0.01	0.15	—	0.15	0.14	—	0.14	—	666	666	0.03	0.01	—	668
Dust From Material Movement	—	—	—	—	—	—	0.45	0.45	—	0.17	0.17	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.08	0.07	0.56	0.74	< 0.005	0.03	—	0.03	0.03	—	0.03	—	110	110	< 0.005	< 0.005	—	111
Dust From Material Movement	—	—	—	—	—	—	0.08	0.08	—	0.03	0.03	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.02	0.01	0.20	0.15	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	34.5	34.5	0.01	0.01	0.02	36.4
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	4.08	4.08	< 0.005	< 0.005	< 0.005	4.31
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.68	0.68	< 0.005	< 0.005	< 0.005	0.71

3.7. Building Construction (2028) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.21	1.01	8.92	15.0	0.02	0.31	—	0.31	0.28	—	0.28	—	2,252	2,252	0.09	0.02	—	2,260
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.21	1.01	8.92	15.0	0.02	0.31	—	0.31	0.28	—	0.28	—	2,252	2,252	0.09	0.02	—	2,260
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.49	0.41	3.61	6.06	0.01	0.12	—	0.12	0.11	—	0.11	—	912	912	0.04	0.01	—	915
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.09	0.07	0.66	1.11	< 0.005	0.02	—	0.02	0.02	—	0.02	—	151	151	0.01	< 0.005	—	152
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.01	0.01	0.14	0.10	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	24.1	24.1	0.01	< 0.005	0.03	25.4
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.01	0.01	0.14	0.11	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	24.4	24.4	0.01	< 0.005	< 0.005	25.7
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.01	< 0.005	0.06	0.04	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	9.82	9.82	< 0.005	< 0.005	< 0.005	10.3
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.63	1.63	< 0.005	< 0.005	< 0.005	1.71
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.9. Building Construction (2029) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.16	0.97	8.56	15.0	0.02	0.27	—	0.27	0.25	—	0.25	—	2,251	2,251	0.09	0.02	—	2,259
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.16	0.97	8.56	15.0	0.02	0.27	—	0.27	0.25	—	0.25	—	2,251	2,251	0.09	0.02	—	2,259
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.71	0.59	5.23	9.14	0.01	0.17	—	0.17	0.15	—	0.15	—	1,375	1,375	0.06	0.01	—	1,379
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.13	0.11	0.95	1.67	< 0.005	0.03	—	0.03	0.03	—	0.03	—	228	228	0.01	< 0.005	—	228
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.01	0.01	0.13	0.10	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	23.7	23.7	0.01	< 0.005	0.02	24.9
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.01	0.01	0.14	0.11	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	24.0	24.0	0.01	< 0.005	< 0.005	25.2
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.01	< 0.005	0.08	0.06	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	14.5	14.5	< 0.005	< 0.005	0.01	15.3
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.41	2.41	< 0.005	< 0.005	< 0.005	2.53
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.11. Paving (2028) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road	0.47	0.40	3.73	5.28	0.01	0.14	—	0.14	0.13	—	0.13	—	812	812	0.03	0.01	—	815
Paving	0.22	0.22	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.27	0.38	< 0.005	0.01	—	0.01	0.01	—	0.01	—	57.8	57.8	< 0.005	< 0.005	—	58.0
Paving	0.02	0.02	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.05	0.07	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	9.57	9.57	< 0.005	< 0.005	—	9.61
Paving	< 0.005	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.13. Architectural Coating (2028) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.13	0.11	0.81	1.12	< 0.005	0.02	—	0.02	0.01	—	0.01	—	134	134	0.01	< 0.005	—	134
Architectural Coatings	3.68	3.68	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.13	0.11	0.81	1.12	< 0.005	0.02	—	0.02	0.01	—	0.01	—	134	134	0.01	< 0.005	—	134

Architect Coatings	3.68	3.68	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.04	0.27	0.38	< 0.005	0.01	—	0.01	< 0.005	—	< 0.005	—	44.9	44.9	< 0.005	< 0.005	—	45.1
Architectural Coatings	1.24	1.24	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.05	0.07	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	7.44	7.44	< 0.005	< 0.005	—	7.47
Architectural Coatings	0.23	0.23	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.04	0.01	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	2.27	2.27	< 0.005	< 0.005	0.00	2.60
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.04	0.01	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	2.31	2.31	< 0.005	< 0.005	0.00	2.64
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	< 0.005	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.77	0.77	< 0.005	< 0.005	0.00	0.89
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.13	0.13	< 0.005	< 0.005	0.00	0.15
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.15. Architectural Coating (2029) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.12	0.10	0.79	1.11	< 0.005	0.01	—	0.01	0.01	—	0.01	—	134	134	0.01	< 0.005	—	134
Architectural Coatings	3.68	3.68	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.12	0.10	0.79	1.11	< 0.005	0.01	—	0.01	0.01	—	0.01	—	134	134	0.01	< 0.005	—	134
Architectural Coatings	3.68	3.68	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.08	0.06	0.48	0.68	< 0.005	0.01	—	0.01	0.01	—	0.01	—	81.5	81.5	< 0.005	< 0.005	—	81.8
Architectural Coatings	2.25	2.25	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.09	0.12	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	13.5	13.5	< 0.005	< 0.005	—	13.5
Architectural Coatings	0.41	0.41	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.03	0.01	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	2.23	2.23	< 0.005	< 0.005	0.00	2.55
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.01	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	2.26	2.26	< 0.005	< 0.005	0.00	2.59
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	< 0.005	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	1.38	1.38	< 0.005	< 0.005	0.00	1.58
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.23	0.23	< 0.005	< 0.005	0.00	0.26
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.17. Onsite Utilities (2027) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road	0.49	0.41	3.61	5.55	0.01	0.12	—	0.12	0.11	—	0.11	—	844	844	0.03	0.01	—	847
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.49	0.41	3.61	5.55	0.01	0.12	—	0.12	0.11	—	0.11	—	844	844	0.03	0.01	—	847
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.16	0.14	1.20	1.85	< 0.005	0.04	—	0.04	0.04	—	0.04	—	281	281	0.01	< 0.005	—	282
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.22	0.34	< 0.005	0.01	—	0.01	0.01	—	0.01	—	46.5	46.5	< 0.005	< 0.005	—	46.7
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.01	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	1.66	1.66	< 0.005	< 0.005	0.00	1.89
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.01	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	1.68	1.68	< 0.005	< 0.005	0.00	1.93
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	< 0.005	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.56	0.56	< 0.005	< 0.005	0.00	0.64
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.09	0.09	< 0.005	< 0.005	0.00	0.11
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.19. Onsite Utilities (2028) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.48	0.40	3.53	5.56	0.01	0.11	—	0.11	0.10	—	0.10	—	844	844	0.03	0.01	—	847
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.48	0.40	3.53	5.56	0.01	0.11	—	0.11	0.10	—	0.10	—	844	844	0.03	0.01	—	847
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.11	0.09	0.80	1.26	< 0.005	0.02	—	0.02	0.02	—	0.02	—	192	192	0.01	< 0.005	—	192
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.15	0.23	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	31.7	31.7	< 0.005	< 0.005	—	31.8
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.01	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	1.62	1.62	< 0.005	< 0.005	0.00	1.85
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.01	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	1.65	1.65	< 0.005	< 0.005	0.00	1.88
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.01	0.01	< 0.005	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.37	0.37	< 0.005	< 0.005	0.00	0.43
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.06	0.06	< 0.005	< 0.005	0.00	0.07
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

4. Operations Emissions Details

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Demolition	Demolition	11/4/2026	3/25/2027	5.00	102	—
Site Prep & Grading	Grading	5/17/2027	7/14/2027	5.00	43.0	—
Building Construction	Building Construction	6/8/2028	11/8/2029	5.00	371	—
Paving	Paving	4/26/2028	5/31/2028	5.00	26.0	—
Architectural Coating	Architectural Coating	7/13/2028	11/8/2029	5.00	346	—
Onsite Utilities	Trenching	7/15/2027	4/25/2028	5.00	204	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Demolition	Tractors/Loaders/Back hoes	Diesel	Average	1.00	8.00	367	0.40
Demolition	Excavators	Diesel	Average	1.00	8.00	36.0	0.38
Demolition	Concrete/Industrial Saws	Diesel	Average	1.00	8.00	33.0	0.73
Site Prep & Grading	Graders	Diesel	Average	6.00	8.00	148	0.41
Site Prep & Grading	Excavators	Diesel	Average	2.00	8.00	36.0	0.38
Site Prep & Grading	Tractors/Loaders/Back hoes	Diesel	Average	2.00	8.00	84.0	0.37
Site Prep & Grading	Rubber Tired Dozers	Diesel	Average	1.00	8.00	367	0.40
Building Construction	Forklifts	Diesel	Average	1.00	8.00	82.0	0.20
Building Construction	Welders	Diesel	Average	1.00	8.00	46.0	0.45
Building Construction	Tractors/Loaders/Back hoes	Diesel	Average	3.00	8.00	84.0	0.37
Building Construction	Trenchers	Diesel	Average	1.00	8.00	40.0	0.50
Building Construction	Graders	Diesel	Average	1.00	8.00	148	0.41
Building Construction	Skid Steer Loaders	Diesel	Average	1.00	8.00	71.0	0.37
Paving	Pavers	Diesel	Average	1.00	8.00	81.0	0.42
Paving	Paving Equipment	Diesel	Average	1.00	8.00	89.0	0.36
Paving	Rollers	Diesel	Average	1.00	8.00	36.0	0.38
Paving	Cement and Mortar Mixers	Diesel	Average	1.00	8.00	10.0	0.56
Architectural Coating	Air Compressors	Diesel	Average	1.00	6.00	37.0	0.48
Onsite Utilities	Trenchers	Diesel	Average	1.00	8.00	40.0	0.50
Onsite Utilities	Tractors/Loaders/Back hoes	Diesel	Average	2.00	8.00	84.0	0.37

Onsite Utilities	Cement and Mortar Mixers	Diesel	Average	1.00	8.00	10.0	0.56

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Demolition	—	—	—	—
Demolition	Worker	0.00	0.00	LDA,LDT1,LDT2
Demolition	Vendor	—	0.25	HHDT,MHDT
Demolition	Hauling	16.0	0.25	HHDT
Demolition	Onsite truck	—	—	HHDT
Site Prep & Grading	—	—	—	—
Site Prep & Grading	Worker	0.00	0.00	LDA,LDT1,LDT2
Site Prep & Grading	Vendor	—	0.25	HHDT,MHDT
Site Prep & Grading	Hauling	14.0	0.25	HHDT
Site Prep & Grading	Onsite truck	—	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	0.00	0.00	LDA,LDT1,LDT2
Building Construction	Vendor	14.0	0.25	HHDT,MHDT
Building Construction	Hauling	0.00	0.25	HHDT
Building Construction	Onsite truck	—	—	HHDT
Paving	—	—	—	—
Paving	Worker	0.00	0.00	LDA,LDT1,LDT2
Paving	Vendor	—	0.25	HHDT,MHDT
Paving	Hauling	0.00	0.25	HHDT
Paving	Onsite truck	—	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	14.0	0.00	LDA,LDT1,LDT2

Architectural Coating	Vendor	—	0.25	HHDT,MHDT
Architectural Coating	Hauling	0.00	0.25	HHDT
Architectural Coating	Onsite truck	—	—	HHDT
Onsite Utilities	—	—	—	—
Onsite Utilities	Worker	10.0	0.00	LDA,LDT1,LDT2
Onsite Utilities	Vendor	—	0.25	HHDT,MHDT
Onsite Utilities	Hauling	0.00	0.25	HHDT
Onsite Utilities	Onsite truck	—	—	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Non-applicable. No control strategies activated by user.

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
Architectural Coating	403,325	134,442	0.00	0.00	5,615

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (Cubic Yards)	Material Exported (Cubic Yards)	Acres Graded (acres)	Material Demolished (Ton of Debris)	Acres Paved (acres)
Demolition	0.00	0.00	0.00	6,562	—
Site Prep & Grading	0.00	5,000	151	0.00	—
Paving	0.00	0.00	0.00	0.00	2.86

5.6.2. Construction Earthmoving Control Strategies

Control Strategies Applied	Frequency (per day)	PM10 Reduction	PM2.5 Reduction
Water Exposed Area	2	61%	61%
Water Demolished Area	2	36%	36%

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
Condo/Townhouse	—	0%
Single Family Housing	0.72	0%
Parking Lot	0.67	100%
Other Asphalt Surfaces	1.47	100%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2026	0.00	453	0.03	< 0.005
2027	0.00	453	0.03	< 0.005
2028	0.00	453	0.03	< 0.005
2029	0.00	453	0.03	< 0.005

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	25.7	annual days of extreme heat
Extreme Precipitation	7.90	annual days with precipitation above 20 mm
Sea Level Rise	—	meters of inundation depth
Wildfire	26.2	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	3	0	0	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	0	0	N/A
Wildfire	1	0	0	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	0	0	0	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	3	1	1	3
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	1	1	2
Wildfire	1	1	1	2
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	1	1	1	2

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.

The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	84.6
AQ-PM	71.9
AQ-DPM	95.0
Drinking Water	37.9
Lead Risk Housing	81.4
Pesticides	2.59
Toxic Releases	68.2
Traffic	90.7
Effect Indicators	—
CleanUp Sites	0.00
Groundwater	2.11
Haz Waste Facilities/Generators	20.3
Impaired Water Bodies	0.00
Solid Waste	35.7
Sensitive Population	—
Asthma	64.5
Cardio-vascular	57.6
Low Birth Weights	64.2
Socioeconomic Factor Indicators	—

Education	59.1
Housing	68.5
Linguistic	46.5
Poverty	71.4
Unemployment	68.4

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	19.27370717
Employed	6.480174516
Median HI	33.10663416
Education	—
Bachelor's or higher	30.92518927
High school enrollment	100
Preschool enrollment	53.71487232
Transportation	—
Auto Access	25.58706532
Active commuting	92.44193507
Social	—
2-parent households	5.889901193
Voting	6.967791608
Neighborhood	—
Alcohol availability	31.09200565
Park access	81.35506224
Retail density	81.8298473
Supermarket access	94.25125112

Tree canopy	29.5521622
Housing	—
Homeownership	42.43551906
Housing habitability	48.12010779
Low-inc homeowner severe housing cost burden	83.9727961
Low-inc renter severe housing cost burden	50.09624022
Uncrowded housing	26.88310022
Health Outcomes	—
Insured adults	50.93032208
Arthritis	0.0
Asthma ER Admissions	29.5
High Blood Pressure	0.0
Cancer (excluding skin)	0.0
Asthma	0.0
Coronary Heart Disease	0.0
Chronic Obstructive Pulmonary Disease	0.0
Diagnosed Diabetes	0.0
Life Expectancy at Birth	26.7
Cognitively Disabled	85.7
Physically Disabled	98.7
Heart Attack ER Admissions	43.5
Mental Health Not Good	0.0
Chronic Kidney Disease	0.0
Obesity	0.0
Pedestrian Injuries	19.6
Physical Health Not Good	0.0
Stroke	0.0
Health Risk Behaviors	—

Binge Drinking	0.0
Current Smoker	0.0
No Leisure Time for Physical Activity	0.0
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	0.0
Children	94.0
Elderly	87.4
English Speaking	45.5
Foreign-born	58.1
Outdoor Workers	36.8
Climate Change Adaptive Capacity	—
Impervious Surface Cover	36.8
Traffic Density	88.2
Traffic Access	51.8
Other Indices	—
Hardship	70.2
Other Decision Support	—
2016 Voting	30.8

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	72.0
Healthy Places Index Score for Project Location (b)	25.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	Yes
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.
b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Land Use	Based on applicant information
Construction: Construction Phases	Based on applicant information.
Construction: Off-Road Equipment	Per applicant provided information.
Construction: Trips and VMT	Trips round to even numbers to account for arrival and departure trips. Worker trips zeroed out, trip lengths for vendor and haul trips adjusted to 0.25 miles to capture onsite emissions.
Operations: Hearths	per applicant no wood burning or natural gas
Operations: Water and Waste Water	Based on applicant provided information
Operations: Vehicle Data	Trip rate based on traffic report, ITE 220.

Delaney Square HRA Onsite Detailed Report

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8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Delaney Square HRA Onsite
Construction Start Date	11/4/2026
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	1.80
Precipitation (days)	22.4
Location	E Mauna Loa Ave, Azusa, CA, USA
County	Los Angeles-South Coast
City	Azusa
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	5042
EDFZ	7
Electric Utility	Azusa Light & Power
Gas Utility	Southern California Gas
App Version	2022.1.1.30

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Condo/Townhouse	63.0	Dwelling Unit	2.66	93,259	18,016	0.00	186	Landscape = private + potion of public

Single Family Housing	65.0	Dwelling Unit	4.96	105,914	34,000	0.00	192	Landscape = private + potion of public
Parking Lot	75.0	Space	0.67	0.00	0.00	0.00	—	uncovered parking
Other Asphalt Surfaces	64.2	1000sqft	1.47	0.00	0.00	0.00	—	Interior Roadway

1.3. User-Selected Emission Reduction Measures by Emissions Sector

No measures selected

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	5.07	4.84	9.87	16.3	0.02	0.32	< 0.005	0.33	0.30	< 0.005	0.30	—	2,412	2,412	0.10	0.02	0.03	2,422
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	5.07	4.84	9.88	16.3	0.02	0.32	< 0.005	0.33	0.30	< 0.005	0.30	—	2,412	2,412	0.10	0.02	< 0.005	2,422
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	3.06	2.93	5.80	9.94	0.01	0.18	< 0.005	0.18	0.16	< 0.005	0.16	—	1,472	1,472	0.06	0.01	0.01	1,478
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.56	0.53	1.06	1.81	< 0.005	0.03	< 0.005	0.03	0.03	< 0.005	0.03	—	244	244	0.01	< 0.005	< 0.005	245

2.2. Construction Emissions by Year, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2028	5.07	4.84	9.87	16.3	0.02	0.32	< 0.005	0.33	0.30	< 0.005	0.30	—	2,412	2,412	0.10	0.02	0.03	2,422
2029	5.01	4.79	9.49	16.3	0.02	0.29	< 0.005	0.29	0.26	< 0.005	0.26	—	2,411	2,411	0.10	0.02	0.02	2,420
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2028	5.07	4.84	9.88	16.3	0.02	0.32	< 0.005	0.33	0.30	< 0.005	0.30	—	2,412	2,412	0.10	0.02	< 0.005	2,422
2029	5.01	4.79	9.50	16.3	0.02	0.29	< 0.005	0.29	0.26	< 0.005	0.26	—	2,411	2,411	0.10	0.02	< 0.005	2,421
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2028	1.79	1.70	3.94	6.52	0.01	0.13	< 0.005	0.13	0.12	< 0.005	0.12	—	968	968	0.04	0.01	< 0.005	972
2029	3.06	2.93	5.80	9.94	0.01	0.18	< 0.005	0.18	0.16	< 0.005	0.16	—	1,472	1,472	0.06	0.01	0.01	1,478
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2028	0.33	0.31	0.72	1.19	< 0.005	0.02	< 0.005	0.02	0.02	< 0.005	0.02	—	160	160	0.01	< 0.005	< 0.005	161
2029	0.56	0.53	1.06	1.81	< 0.005	0.03	< 0.005	0.03	0.03	< 0.005	0.03	—	244	244	0.01	< 0.005	< 0.005	245

3. Construction Emissions Details

3.1. Building Construction (2028) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipm	1.21	1.01	8.92	15.0	0.02	0.31	—	0.31	0.28	—	0.28	—	2,252	2,252	0.09	0.02	—	2,260
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.21	1.01	8.92	15.0	0.02	0.31	—	0.31	0.28	—	0.28	—	2,252	2,252	0.09	0.02	—	2,260
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.49	0.41	3.61	6.06	0.01	0.12	—	0.12	0.11	—	0.11	—	912	912	0.04	0.01	—	915
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.09	0.07	0.66	1.11	< 0.005	0.02	—	0.02	0.02	—	0.02	—	151	151	0.01	< 0.005	—	152
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.01	0.01	0.14	0.10	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	24.1	24.1	0.01	< 0.005	0.03	25.4
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.01	0.01	0.14	0.11	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	24.4	24.4	0.01	< 0.005	< 0.005	25.7
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.01	< 0.005	0.06	0.04	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	9.82	9.82	< 0.005	< 0.005	< 0.005	10.3
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.63	1.63	< 0.005	< 0.005	< 0.005	1.71
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.3. Building Construction (2029) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.16	0.97	8.56	15.0	0.02	0.27	—	0.27	0.25	—	0.25	—	2,251	2,251	0.09	0.02	—	2,259
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	1.16	0.97	8.56	15.0	0.02	0.27	—	0.27	0.25	—	0.25	—	2,251	2,251	0.09	0.02	—	2,259
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.71	0.59	5.23	9.14	0.01	0.17	—	0.17	0.15	—	0.15	—	1,375	1,375	0.06	0.01	—	1,379
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.13	0.11	0.95	1.67	< 0.005	0.03	—	0.03	0.03	—	0.03	—	228	228	0.01	< 0.005	—	228
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.01	0.01	0.13	0.10	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	23.7	23.7	0.01	< 0.005	0.02	24.9
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.01	0.01	0.14	0.11	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	24.0	24.0	0.01	< 0.005	< 0.005	25.2
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.01	< 0.005	0.08	0.06	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	14.5	14.5	< 0.005	< 0.005	0.01	15.3
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.41	2.41	< 0.005	< 0.005	< 0.005	2.53
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.5. Architectural Coating (2028) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.13	0.11	0.81	1.12	< 0.005	0.02	—	0.02	0.01	—	0.01	—	134	134	0.01	< 0.005	—	134
Architectural Coatings	3.68	3.68	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.13	0.11	0.81	1.12	< 0.005	0.02	—	0.02	0.01	—	0.01	—	134	134	0.01	< 0.005	—	134

Architectural Coating	3.68	3.68	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.04	0.27	0.38	< 0.005	0.01	—	0.01	< 0.005	—	< 0.005	—	44.9	44.9	< 0.005	< 0.005	—	45.1
Architectural Coatings	1.24	1.24	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.05	0.07	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	7.44	7.44	< 0.005	< 0.005	—	7.47
Architectural Coatings	0.23	0.23	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.04	0.01	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	2.27	2.27	< 0.005	< 0.005	0.00	2.60
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.04	0.01	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	2.31	2.31	< 0.005	< 0.005	0.00	2.64
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	< 0.005	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.77	0.77	< 0.005	< 0.005	0.00	0.89
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.13	0.13	< 0.005	< 0.005	0.00	0.15
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.7. Architectural Coating (2029) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.12	0.10	0.79	1.11	< 0.005	0.01	—	0.01	0.01	—	0.01	—	134	134	0.01	< 0.005	—	134
Architectural Coatings	3.68	3.68	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.12	0.10	0.79	1.11	< 0.005	0.01	—	0.01	0.01	—	0.01	—	134	134	0.01	< 0.005	—	134
Architectural Coatings	3.68	3.68	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.08	0.06	0.48	0.68	< 0.005	0.01	—	0.01	0.01	—	0.01	—	81.5	81.5	< 0.005	< 0.005	—	81.8
Architectural Coatings	2.25	2.25	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.09	0.12	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	13.5	13.5	< 0.005	< 0.005	—	13.5
Architectural Coatings	0.41	0.41	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.03	0.01	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	2.23	2.23	< 0.005	< 0.005	0.00	2.55
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.01	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	2.26	2.26	< 0.005	< 0.005	0.00	2.59
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	< 0.005	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	1.38	1.38	< 0.005	< 0.005	0.00	1.58
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.23	0.23	< 0.005	< 0.005	0.00	0.26
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

4. Operations Emissions Details

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Building Construction	Building Construction	6/8/2028	11/8/2029	5.00	371	—
Architectural Coating	Architectural Coating	7/13/2028	11/8/2029	5.00	346	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Building Construction	Forklifts	Diesel	Average	1.00	8.00	82.0	0.20
Building Construction	Welders	Diesel	Average	1.00	8.00	46.0	0.45
Building Construction	Tractors/Loaders/Back hoes	Diesel	Average	3.00	8.00	84.0	0.37
Building Construction	Trenchers	Diesel	Average	1.00	8.00	40.0	0.50
Building Construction	Graders	Diesel	Average	1.00	8.00	148	0.41
Building Construction	Skid Steer Loaders	Diesel	Average	1.00	8.00	71.0	0.37
Architectural Coating	Air Compressors	Diesel	Average	1.00	6.00	37.0	0.48

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Building Construction	—	—	—	—
Building Construction	Worker	0.00	0.00	LDA,LDT1,LDT2
Building Construction	Vendor	14.0	0.25	HHDT,MHDT
Building Construction	Hauling	0.00	0.25	HHDT

Building Construction	Onsite truck	—	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	14.0	0.00	LDA,LDT1,LDT2
Architectural Coating	Vendor	—	0.25	HHDT,MHDT
Architectural Coating	Hauling	0.00	0.25	HHDT
Architectural Coating	Onsite truck	—	—	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Non-applicable. No control strategies activated by user.

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
Architectural Coating	403,325	134,442	0.00	0.00	5,615

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (cy)	Material Exported (cy)	Acres Graded (acres)	Material Demolished (sq. ft.)	Acres Paved (acres)

5.6.2. Construction Earthmoving Control Strategies

Control Strategies Applied	Frequency (per day)	PM10 Reduction	PM2.5 Reduction
Water Exposed Area	2	61%	61%
Water Demolished Area	2	36%	36%

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
Condo/Townhouse	—	0%
Single Family Housing	0.72	0%
Parking Lot	0.67	100%
Other Asphalt Surfaces	1.47	100%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2028	0.00	453	0.03	< 0.005
2029	0.00	453	0.03	< 0.005

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	25.7	annual days of extreme heat
Extreme Precipitation	7.90	annual days with precipitation above 20 mm
Sea Level Rise	—	meters of inundation depth
Wildfire	26.2	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	3	0	0	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	0	0	N/A
Wildfire	1	0	0	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	0	0	0	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	3	1	1	3
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	1	1	2
Wildfire	1	1	1	2
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	1	1	1	2

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	84.6

AQ-PM	71.9
AQ-DPM	95.0
Drinking Water	37.9
Lead Risk Housing	81.4
Pesticides	2.59
Toxic Releases	68.2
Traffic	90.7
Effect Indicators	—
CleanUp Sites	0.00
Groundwater	2.11
Haz Waste Facilities/Generators	20.3
Impaired Water Bodies	0.00
Solid Waste	35.7
Sensitive Population	—
Asthma	64.5
Cardio-vascular	57.6
Low Birth Weights	64.2
Socioeconomic Factor Indicators	—
Education	59.1
Housing	68.5
Linguistic	46.5
Poverty	71.4
Unemployment	68.4

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—

Above Poverty	19.27370717
Employed	6.480174516
Median HI	33.10663416
Education	—
Bachelor's or higher	30.92518927
High school enrollment	100
Preschool enrollment	53.71487232
Transportation	—
Auto Access	25.58706532
Active commuting	92.44193507
Social	—
2-parent households	5.889901193
Voting	6.967791608
Neighborhood	—
Alcohol availability	31.09200565
Park access	81.35506224
Retail density	81.8298473
Supermarket access	94.25125112
Tree canopy	29.5521622
Housing	—
Homeownership	42.43551906
Housing habitability	48.12010779
Low-inc homeowner severe housing cost burden	83.9727961
Low-inc renter severe housing cost burden	50.09624022
Uncrowded housing	26.88310022
Health Outcomes	—
Insured adults	50.93032208
Arthritis	0.0

Asthma ER Admissions	29.5
High Blood Pressure	0.0
Cancer (excluding skin)	0.0
Asthma	0.0
Coronary Heart Disease	0.0
Chronic Obstructive Pulmonary Disease	0.0
Diagnosed Diabetes	0.0
Life Expectancy at Birth	26.7
Cognitively Disabled	85.7
Physically Disabled	98.7
Heart Attack ER Admissions	43.5
Mental Health Not Good	0.0
Chronic Kidney Disease	0.0
Obesity	0.0
Pedestrian Injuries	19.6
Physical Health Not Good	0.0
Stroke	0.0
Health Risk Behaviors	—
Binge Drinking	0.0
Current Smoker	0.0
No Leisure Time for Physical Activity	0.0
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	0.0
Children	94.0
Elderly	87.4
English Speaking	45.5
Foreign-born	58.1

Outdoor Workers	36.8
Climate Change Adaptive Capacity	—
Impervious Surface Cover	36.8
Traffic Density	88.2
Traffic Access	51.8
Other Indices	—
Hardship	70.2
Other Decision Support	—
2016 Voting	30.8

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	72.0
Healthy Places Index Score for Project Location (b)	25.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	Yes
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.
b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Land Use	Based on applicant information
Construction: Construction Phases	Based on applicant information.
Construction: Off-Road Equipment	Per applicant provided information.
Construction: Trips and VMT	Trips round to even numbers to account for arrival and departure trips. Worker trips zeroed out, trip lengths for vendor and haul trips adjusted to 0.25 miles to capture onsite emissions.
Operations: Hearths	per applicant no wood burning or natural gas
Operations: Water and Waste Water	Based on applicant provided information
Operations: Vehicle Data	Trip rate based on traffic report, ITE 220.

Delaney Square Project - Offsite Receptors

Construction HRA

Project Construction Emissions

Year	Unmitigated DPM tons/year
2026	0.003
2027	0.038
2028	0.030
2029	0.032
Total	**0.103**
Total Lbs	**206.996**
Lbs/year	**68.385**
Lbs/hour	**0.033**
Max Lbs/day	**1.269**

Risk	Unmitigated
Cancer - MEIR	**9.2772**
Chronic - MEIR	**0.0060**

Conversions:

1 ton =	2,000	lb			
Construction =	8	hours/day	Project Construction:	787	active days
	2080	hours/year		3.03	years
	260	days/year			
	12	months			

AERMOD Assumptions

Source Name	Description	No. of Vol. Sources	Emission Rate g/s	Release Height m	Plume Height m	Plume Width m
SLINE1	Offroad Equipment and Truck Exhaust	179	1.00	5.00	10.00	10.00

Receptors - Discrete (121)

Receptors - Uniform Cartesian Grids (882)

Grid	Spacing (m)	Length (m)	# Receptors
UCART1	38.14 x 18.09	762.8 x 361.8	441
UCART2	17.33 x 9.16	346.6 x 183.2	441

Meteorological Data

Station Name		Years	Elev (m)
Azusa	Azusa	2017-2021	187

SCAQMD Recommended Station

Other Model Assumption

Rural or Urban	Urban	
Urban Grp Pop	9832684	**Population of LA County 2024**
Variable Emissions	Yes - Workday Hours (0700-1800)	
Terrain Data	NED 1	
Lakes Version	13.0.0	
AERMOD Version	24142	

Delaney Square Project - Onsite Receptors

Construction HRA

Project Construction Emissions

Year	Unmitigated DPM tons/year
2026	0.000
2027	0.000
2028	0.024
2029	0.032
Total	**0.056**
Total Lbs	**111.297**
Lbs/year	**77.998**
Lbs/hour	**0.037**
Max Lbs/day	0.323

Risk	Unmitigated
Cancer - MEIR	**6.0413**
Chronic - MEIR	**0.0057**

Conversions:

1 ton =	2,000	lb			
Construction =	8	hours/day	Project Construction:	371	active days
	2080	hours/year		1.43	years
	260	days/year			
	12	months			

AERMOD Assumptions

Source Name	Description	No. of Vol. Sources	Emission Rate g/s	Release Height m	Plume Height m	Plume Width m
SLINE1	Offroad Equipment and Truck Exhaust	25	0.1825	5.00	10.00	10.00
SLINE2	Offroad Equipment and Truck Exhaust	14	0.1022	5.00	10.00	10.00
SLINE3	Offroad Equipment and Truck Exhaust	17	0.1241	5.00	10.00	10.00
SLINE4	Offroad Equipment and Truck Exhaust	29	0.2117	5.00	10.00	10.00
SLINE5	Offroad Equipment and Truck Exhaust	52	0.3796	5.00	10.00	10.00
		137	1.00			

Receptors - Discrete Onsite (8)

Meteorological Data

Station Name		Years	Elev (m)
Azusa	Azusa	2017-2021	187

SCAQMD Recommended Station

Other Model Assumption

Rural or Urban	Urban
Urban Grp Pop	9832684
Variable Emissions	Yes - Workday Hours (0700-1800)
Terrain Data	NED 1
Lakes Version	13.0.0
AERMOD Version	24142

Population of LA County 2024

```
** Lakes Environmental AERMOD MPI
**
****************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 13.0.0
** Lakes Environmental Software Inc.
** Date: 10/22/2025
** File: C:\Users\cpaludi\Desktop\Collin HRA\Delaney Square\Delaney Square.ADI
**
****************************************
**
**
****************************************
** AERMOD Control Pathway
****************************************
**
**
CO STARTING
   TITLEONE C:\Users\cpaludi\OneDrive - Dudek\Desktop\HRA\Delaney Square\Delaney
   MODELOPT DFAULT CONC
   AVERTIME 1 PERIOD
   URBANOPT 9832684 Population_of_LA_County_2024
   POLLUTID PM_10
   RUNORNOT RUN
   ERRORFIL "Delaney Square.err"
CO FINISHED
**
****************************************
** AERMOD Source Pathway
****************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
** -------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE1
** DESCRSRC Offroad Equipment and Trucks
** PREFIX
** Length of Side = 10.00
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 10.00
** SZINIT = 4.65
** Nodes = 18
** 418131.145, 3776397.744, 188.97, 5.00, 4.65
** 418131.850, 3776571.766, 190.44, 5.00, 4.65
** 418302.392, 3776571.373, 192.89, 5.00, 4.65
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** 418149.776, 3776402.247, 189.42, 5.00, 4.65
** 418149.870, 3776551.554, 190.50, 5.00, 4.65
** 418282.719, 3776550.507, 192.35, 5.00, 4.65
** 418283.611, 3776418.971, 191.31, 5.00, 4.65
** 418169.670, 3776422.212, 190.03, 5.00, 4.65
** 418170.909, 3776531.111, 190.68, 5.00, 4.65
** 418263.963, 3776530.627, 191.93, 5.00, 4.65
** 418262.719, 3776440.636, 191.38, 5.00, 4.65
** 418190.228, 3776441.551, 190.74, 5.00, 4.65
** 418193.495, 3776510.176, 190.84, 5.00, 4.65
** 418243.749, 3776508.902, 191.52, 5.00, 4.65
** 418244.536, 3776462.115, 191.26, 5.00, 4.65
** 418211.735, 3776462.469, 190.96, 5.00, 4.65
** 418219.538, 3776491.302, 191.14, 5.00, 4.65
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   LOCATION L0000002     VOLUME   418131.205 3776412.744 189.24
   LOCATION L0000003     VOLUME   418131.246 3776422.744 189.33
   LOCATION L0000004     VOLUME   418131.286 3776432.744 189.40
   LOCATION L0000005     VOLUME   418131.327 3776442.743 189.47
   LOCATION L0000006     VOLUME   418131.367 3776452.743 189.53
   LOCATION L0000007     VOLUME   418131.408 3776462.743 189.60
   LOCATION L0000008     VOLUME   418131.449 3776472.743 189.67
   LOCATION L0000009     VOLUME   418131.489 3776482.743 189.74
   LOCATION L0000010     VOLUME   418131.530 3776492.743 189.81
   LOCATION L0000011     VOLUME   418131.570 3776502.743 189.88
   LOCATION L0000012     VOLUME   418131.611 3776512.743 189.95
   LOCATION L0000013     VOLUME   418131.651 3776522.743 190.01
   LOCATION L0000014     VOLUME   418131.692 3776532.743 190.08
   LOCATION L0000015     VOLUME   418131.732 3776542.743 190.15
   LOCATION L0000016     VOLUME   418131.773 3776552.743 190.26
   LOCATION L0000017     VOLUME   418131.813 3776562.742 190.38
   LOCATION L0000018     VOLUME   418132.826 3776571.764 190.49
   LOCATION L0000019     VOLUME   418142.826 3776571.741 190.67
   LOCATION L0000020     VOLUME   418152.826 3776571.718 190.82
   LOCATION L0000021     VOLUME   418162.826 3776571.695 190.94
   LOCATION L0000022     VOLUME   418172.826 3776571.672 191.05
   LOCATION L0000023     VOLUME   418182.826 3776571.649 191.17
   LOCATION L0000024     VOLUME   418192.826 3776571.626 191.30
   LOCATION L0000025     VOLUME   418202.826 3776571.602 191.42
   LOCATION L0000026     VOLUME   418212.826 3776571.579 191.53
   LOCATION L0000027     VOLUME   418222.826 3776571.556 191.65
   LOCATION L0000028     VOLUME   418232.826 3776571.533 191.79
   LOCATION L0000029     VOLUME   418242.826 3776571.510 191.94
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   LOCATION L0000031     VOLUME   418262.826 3776571.464 192.27
   LOCATION L0000032     VOLUME   418272.826 3776571.441 192.44
   LOCATION L0000033     VOLUME   418282.826 3776571.418 192.60
   LOCATION L0000034     VOLUME   418292.826 3776571.395 192.75
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LOCATION	L0000035	VOLUME	418302.390	3776570.940	192.88
LOCATION	L0000036	VOLUME	418302.339	3776560.940	192.79
LOCATION	L0000037	VOLUME	418302.288	3776550.940	192.69
LOCATION	L0000038	VOLUME	418302.237	3776540.940	192.60
LOCATION	L0000039	VOLUME	418302.185	3776530.940	192.51
LOCATION	L0000040	VOLUME	418302.134	3776520.940	192.42
LOCATION	L0000041	VOLUME	418302.083	3776510.941	192.34
LOCATION	L0000042	VOLUME	418302.032	3776500.941	192.25
LOCATION	L0000043	VOLUME	418301.981	3776490.941	192.15
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LOCATION	L0000051	VOLUME	418301.571	3776410.942	191.34
LOCATION	L0000052	VOLUME	418301.520	3776400.942	191.25
LOCATION	L0000053	VOLUME	418291.826	3776400.738	191.20
LOCATION	L0000054	VOLUME	418281.827	3776400.844	191.15
LOCATION	L0000055	VOLUME	418271.827	3776400.950	191.08
LOCATION	L0000056	VOLUME	418261.828	3776401.057	190.99
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LOCATION	L0000062	VOLUME	418201.831	3776401.694	190.37
LOCATION	L0000063	VOLUME	418191.832	3776401.800	190.20
LOCATION	L0000064	VOLUME	418181.832	3776401.907	189.99
LOCATION	L0000065	VOLUME	418171.833	3776402.013	189.79
LOCATION	L0000066	VOLUME	418161.833	3776402.119	189.61
LOCATION	L0000067	VOLUME	418151.834	3776402.225	189.43
LOCATION	L0000068	VOLUME	418149.781	3776410.190	189.49
LOCATION	L0000069	VOLUME	418149.788	3776420.190	189.60
LOCATION	L0000070	VOLUME	418149.794	3776430.190	189.65
LOCATION	L0000071	VOLUME	418149.800	3776440.190	189.70
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LOCATION	L0000076	VOLUME	418149.831	3776490.190	190.02
LOCATION	L0000077	VOLUME	418149.838	3776500.190	190.09
LOCATION	L0000078	VOLUME	418149.844	3776510.190	190.17
LOCATION	L0000079	VOLUME	418149.850	3776520.190	190.24
LOCATION	L0000080	VOLUME	418149.856	3776530.190	190.31
LOCATION	L0000081	VOLUME	418149.863	3776540.190	190.39
LOCATION	L0000082	VOLUME	418149.869	3776550.190	190.51
LOCATION	L0000083	VOLUME	418158.505	3776551.486	190.65
LOCATION	L0000084	VOLUME	418168.505	3776551.407	190.78

LOCATION	L0000085	VOLUME	418178.505	3776551.328	190.91
LOCATION	L0000086	VOLUME	418188.504	3776551.249	191.04
LOCATION	L0000087	VOLUME	418198.504	3776551.170	191.17
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LOCATION	L0000092	VOLUME	418248.503	3776550.776	191.88
LOCATION	L0000093	VOLUME	418258.502	3776550.697	192.03
LOCATION	L0000094	VOLUME	418268.502	3776550.619	192.19
LOCATION	L0000095	VOLUME	418278.502	3776550.540	192.35
LOCATION	L0000096	VOLUME	418282.758	3776544.724	192.36
LOCATION	L0000097	VOLUME	418282.826	3776534.724	192.28
LOCATION	L0000098	VOLUME	418282.894	3776524.724	192.19
LOCATION	L0000099	VOLUME	418282.961	3776514.725	192.11
LOCATION	L0000100	VOLUME	418283.029	3776504.725	192.03
LOCATION	L0000101	VOLUME	418283.097	3776494.725	191.96
LOCATION	L0000102	VOLUME	418283.165	3776484.725	191.88
LOCATION	L0000103	VOLUME	418283.233	3776474.725	191.80
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LOCATION	L0000108	VOLUME	418283.572	3776424.727	191.40
LOCATION	L0000109	VOLUME	418279.369	3776419.091	191.35
LOCATION	L0000110	VOLUME	418269.373	3776419.376	191.29
LOCATION	L0000111	VOLUME	418259.377	3776419.660	191.22
LOCATION	L0000112	VOLUME	418249.381	3776419.944	191.14
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LOCATION	L0000115	VOLUME	418219.393	3776420.797	190.77
LOCATION	L0000116	VOLUME	418209.397	3776421.082	190.72
LOCATION	L0000117	VOLUME	418199.401	3776421.366	190.68
LOCATION	L0000118	VOLUME	418189.405	3776421.650	190.45
LOCATION	L0000119	VOLUME	418179.409	3776421.935	190.22
LOCATION	L0000120	VOLUME	418169.673	3776422.469	190.01
LOCATION	L0000121	VOLUME	418169.787	3776432.468	190.07
LOCATION	L0000122	VOLUME	418169.900	3776442.467	190.13
LOCATION	L0000123	VOLUME	418170.014	3776452.467	190.19
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LOCATION	L0000126	VOLUME	418170.355	3776482.465	190.33
LOCATION	L0000127	VOLUME	418170.469	3776492.464	190.38
LOCATION	L0000128	VOLUME	418170.583	3776502.463	190.43
LOCATION	L0000129	VOLUME	418170.697	3776512.463	190.49
LOCATION	L0000130	VOLUME	418170.811	3776522.462	190.56
LOCATION	L0000131	VOLUME	418172.259	3776531.104	190.65
LOCATION	L0000132	VOLUME	418182.259	3776531.052	190.78
LOCATION	L0000133	VOLUME	418192.259	3776531.000	190.92
LOCATION	L0000134	VOLUME	418202.259	3776530.948	191.05

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   LOCATION L0000135     VOLUME   418212.259 3776530.896 191.18
   LOCATION L0000136     VOLUME   418222.259 3776530.844 191.32
   LOCATION L0000137     VOLUME   418232.258 3776530.792 191.47
   LOCATION L0000138     VOLUME   418242.258 3776530.740 191.62
   LOCATION L0000139     VOLUME   418252.258 3776530.688 191.78
   LOCATION L0000140     VOLUME   418262.258 3776530.636 191.93
   LOCATION L0000141     VOLUME   418263.848 3776522.333 191.89
   LOCATION L0000142     VOLUME   418263.710 3776512.334 191.80
   LOCATION L0000143     VOLUME   418263.572 3776502.335 191.74
   LOCATION L0000144     VOLUME   418263.434 3776492.336 191.69
   LOCATION L0000145     VOLUME   418263.295 3776482.337 191.65
   LOCATION L0000146     VOLUME   418263.157 3776472.338 191.59
   LOCATION L0000147     VOLUME   418263.019 3776462.339 191.53
   LOCATION L0000148     VOLUME   418262.881 3776452.340 191.47
   LOCATION L0000149     VOLUME   418262.743 3776442.341 191.41
   LOCATION L0000150     VOLUME   418254.425 3776440.741 191.34
   LOCATION L0000151     VOLUME   418244.425 3776440.867 191.24
   LOCATION L0000152     VOLUME   418234.426 3776440.993 191.11
   LOCATION L0000153     VOLUME   418224.427 3776441.119 190.98
   LOCATION L0000154     VOLUME   418214.428 3776441.245 190.93
   LOCATION L0000155     VOLUME   418204.429 3776441.372 190.89
   LOCATION L0000156     VOLUME   418194.429 3776441.498 190.74
   LOCATION L0000157     VOLUME   418190.504 3776447.343 190.68
   LOCATION L0000158     VOLUME   418190.979 3776457.331 190.72
   LOCATION L0000159     VOLUME   418191.455 3776467.320 190.74
   LOCATION L0000160     VOLUME   418191.930 3776477.309 190.77
   LOCATION L0000161     VOLUME   418192.406 3776487.297 190.78
   LOCATION L0000162     VOLUME   418192.881 3776497.286 190.77
   LOCATION L0000163     VOLUME   418193.357 3776507.275 190.77
   LOCATION L0000164     VOLUME   418200.588 3776509.996 190.86
   LOCATION L0000165     VOLUME   418210.585 3776509.743 191.00
   LOCATION L0000166     VOLUME   418220.581 3776509.490 191.13
   LOCATION L0000167     VOLUME   418230.578 3776509.236 191.27
   LOCATION L0000168     VOLUME   418240.575 3776508.983 191.42
   LOCATION L0000169     VOLUME   418243.864 3776502.078 191.46
   LOCATION L0000170     VOLUME   418244.032 3776492.080 191.45
   LOCATION L0000171     VOLUME   418244.200 3776482.081 191.43
   LOCATION L0000172     VOLUME   418244.368 3776472.083 191.40
   LOCATION L0000173     VOLUME   418244.505 3776462.115 191.36
   LOCATION L0000174     VOLUME   418234.505 3776462.223 191.24
   LOCATION L0000175     VOLUME   418224.506 3776462.331 191.12
   LOCATION L0000176     VOLUME   418214.506 3776462.439 191.05
   LOCATION L0000177     VOLUME   418213.623 3776469.446 191.06
   LOCATION L0000178     VOLUME   418216.236 3776479.099 191.12
   LOCATION L0000179     VOLUME   418218.848 3776488.752 191.13
** End of LINE VOLUME Source ID = SLINE1
** Source Parameters **
** LINE VOLUME Source ID = SLINE1
   SRCPARAM L0000001     0.0055865922      5.00      4.65      4.65
   SRCPARAM L0000002     0.0055865922      5.00      4.65      4.65
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SRCPARAM	L0000003	0.0055865922	5.00	4.65	4.65
SRCPARAM	L0000004	0.0055865922	5.00	4.65	4.65
SRCPARAM	L0000005	0.0055865922	5.00	4.65	4.65
SRCPARAM	L0000006	0.0055865922	5.00	4.65	4.65
SRCPARAM	L0000007	0.0055865922	5.00	4.65	4.65
SRCPARAM	L0000008	0.0055865922	5.00	4.65	4.65
SRCPARAM	L0000009	0.0055865922	5.00	4.65	4.65
SRCPARAM	L0000010	0.0055865922	5.00	4.65	4.65
SRCPARAM	L0000011	0.0055865922	5.00	4.65	4.65
SRCPARAM	L0000012	0.0055865922	5.00	4.65	4.65
SRCPARAM	L0000013	0.0055865922	5.00	4.65	4.65
SRCPARAM	L0000014	0.0055865922	5.00	4.65	4.65
SRCPARAM	L0000015	0.0055865922	5.00	4.65	4.65
SRCPARAM	L0000016	0.0055865922	5.00	4.65	4.65
SRCPARAM	L0000017	0.0055865922	5.00	4.65	4.65
SRCPARAM	L0000018	0.0055865922	5.00	4.65	4.65
SRCPARAM	L0000019	0.0055865922	5.00	4.65	4.65
SRCPARAM	L0000020	0.0055865922	5.00	4.65	4.65
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SRCPARAM	L0000022	0.0055865922	5.00	4.65	4.65
SRCPARAM	L0000023	0.0055865922	5.00	4.65	4.65
SRCPARAM	L0000024	0.0055865922	5.00	4.65	4.65
SRCPARAM	L0000025	0.0055865922	5.00	4.65	4.65
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SRCPARAM	L0000027	0.0055865922	5.00	4.65	4.65
SRCPARAM	L0000028	0.0055865922	5.00	4.65	4.65
SRCPARAM	L0000029	0.0055865922	5.00	4.65	4.65
SRCPARAM	L0000030	0.0055865922	5.00	4.65	4.65
SRCPARAM	L0000031	0.0055865922	5.00	4.65	4.65
SRCPARAM	L0000032	0.0055865922	5.00	4.65	4.65
SRCPARAM	L0000033	0.0055865922	5.00	4.65	4.65
SRCPARAM	L0000034	0.0055865922	5.00	4.65	4.65
SRCPARAM	L0000035	0.0055865922	5.00	4.65	4.65
SRCPARAM	L0000036	0.0055865922	5.00	4.65	4.65
SRCPARAM	L0000037	0.0055865922	5.00	4.65	4.65
SRCPARAM	L0000038	0.0055865922	5.00	4.65	4.65
SRCPARAM	L0000039	0.0055865922	5.00	4.65	4.65
SRCPARAM	L0000040	0.0055865922	5.00	4.65	4.65
SRCPARAM	L0000041	0.0055865922	5.00	4.65	4.65
SRCPARAM	L0000042	0.0055865922	5.00	4.65	4.65
SRCPARAM	L0000043	0.0055865922	5.00	4.65	4.65
SRCPARAM	L0000044	0.0055865922	5.00	4.65	4.65
SRCPARAM	L0000045	0.0055865922	5.00	4.65	4.65
SRCPARAM	L0000046	0.0055865922	5.00	4.65	4.65
SRCPARAM	L0000047	0.0055865922	5.00	4.65	4.65
SRCPARAM	L0000048	0.0055865922	5.00	4.65	4.65
SRCPARAM	L0000049	0.0055865922	5.00	4.65	4.65
SRCPARAM	L0000050	0.0055865922	5.00	4.65	4.65
SRCPARAM	L0000051	0.0055865922	5.00	4.65	4.65
SRCPARAM	L0000052	0.0055865922	5.00	4.65	4.65

SRCPARAM L0000053	0.0055865922	5.00	4.65	4.65
SRCPARAM L0000054	0.0055865922	5.00	4.65	4.65
SRCPARAM L0000055	0.0055865922	5.00	4.65	4.65
SRCPARAM L0000056	0.0055865922	5.00	4.65	4.65
SRCPARAM L0000057	0.0055865922	5.00	4.65	4.65
SRCPARAM L0000058	0.0055865922	5.00	4.65	4.65
SRCPARAM L0000059	0.0055865922	5.00	4.65	4.65
SRCPARAM L0000060	0.0055865922	5.00	4.65	4.65
SRCPARAM L0000061	0.0055865922	5.00	4.65	4.65
SRCPARAM L0000062	0.0055865922	5.00	4.65	4.65
SRCPARAM L0000063	0.0055865922	5.00	4.65	4.65
SRCPARAM L0000064	0.0055865922	5.00	4.65	4.65
SRCPARAM L0000065	0.0055865922	5.00	4.65	4.65
SRCPARAM L0000066	0.0055865922	5.00	4.65	4.65
SRCPARAM L0000067	0.0055865922	5.00	4.65	4.65
SRCPARAM L0000068	0.0055865922	5.00	4.65	4.65
SRCPARAM L0000069	0.0055865922	5.00	4.65	4.65
SRCPARAM L0000070	0.0055865922	5.00	4.65	4.65
SRCPARAM L0000071	0.0055865922	5.00	4.65	4.65
SRCPARAM L0000072	0.0055865922	5.00	4.65	4.65
SRCPARAM L0000073	0.0055865922	5.00	4.65	4.65
SRCPARAM L0000074	0.0055865922	5.00	4.65	4.65
SRCPARAM L0000075	0.0055865922	5.00	4.65	4.65
SRCPARAM L0000076	0.0055865922	5.00	4.65	4.65
SRCPARAM L0000077	0.0055865922	5.00	4.65	4.65
SRCPARAM L0000078	0.0055865922	5.00	4.65	4.65
SRCPARAM L0000079	0.0055865922	5.00	4.65	4.65
SRCPARAM L0000080	0.0055865922	5.00	4.65	4.65
SRCPARAM L0000081	0.0055865922	5.00	4.65	4.65
SRCPARAM L0000082	0.0055865922	5.00	4.65	4.65
SRCPARAM L0000083	0.0055865922	5.00	4.65	4.65
SRCPARAM L0000084	0.0055865922	5.00	4.65	4.65
SRCPARAM L0000085	0.0055865922	5.00	4.65	4.65
SRCPARAM L0000086	0.0055865922	5.00	4.65	4.65
SRCPARAM L0000087	0.0055865922	5.00	4.65	4.65
SRCPARAM L0000088	0.0055865922	5.00	4.65	4.65
SRCPARAM L0000089	0.0055865922	5.00	4.65	4.65
SRCPARAM L0000090	0.0055865922	5.00	4.65	4.65
SRCPARAM L0000091	0.0055865922	5.00	4.65	4.65
SRCPARAM L0000092	0.0055865922	5.00	4.65	4.65
SRCPARAM L0000093	0.0055865922	5.00	4.65	4.65
SRCPARAM L0000094	0.0055865922	5.00	4.65	4.65
SRCPARAM L0000095	0.0055865922	5.00	4.65	4.65
SRCPARAM L0000096	0.0055865922	5.00	4.65	4.65
SRCPARAM L0000097	0.0055865922	5.00	4.65	4.65
SRCPARAM L0000098	0.0055865922	5.00	4.65	4.65
SRCPARAM L0000099	0.0055865922	5.00	4.65	4.65
SRCPARAM L0000100	0.0055865922	5.00	4.65	4.65
SRCPARAM L0000101	0.0055865922	5.00	4.65	4.65
SRCPARAM L0000102	0.0055865922	5.00	4.65	4.65

SRCPARAM L0000103	0.0055865922	5.00	4.65	4.65
SRCPARAM L0000104	0.0055865922	5.00	4.65	4.65
SRCPARAM L0000105	0.0055865922	5.00	4.65	4.65
SRCPARAM L0000106	0.0055865922	5.00	4.65	4.65
SRCPARAM L0000107	0.0055865922	5.00	4.65	4.65
SRCPARAM L0000108	0.0055865922	5.00	4.65	4.65
SRCPARAM L0000109	0.0055865922	5.00	4.65	4.65
SRCPARAM L0000110	0.0055865922	5.00	4.65	4.65
SRCPARAM L0000111	0.0055865922	5.00	4.65	4.65
SRCPARAM L0000112	0.0055865922	5.00	4.65	4.65
SRCPARAM L0000113	0.0055865922	5.00	4.65	4.65
SRCPARAM L0000114	0.0055865922	5.00	4.65	4.65
SRCPARAM L0000115	0.0055865922	5.00	4.65	4.65
SRCPARAM L0000116	0.0055865922	5.00	4.65	4.65
SRCPARAM L0000117	0.0055865922	5.00	4.65	4.65
SRCPARAM L0000118	0.0055865922	5.00	4.65	4.65
SRCPARAM L0000119	0.0055865922	5.00	4.65	4.65
SRCPARAM L0000120	0.0055865922	5.00	4.65	4.65
SRCPARAM L0000121	0.0055865922	5.00	4.65	4.65
SRCPARAM L0000122	0.0055865922	5.00	4.65	4.65
SRCPARAM L0000123	0.0055865922	5.00	4.65	4.65
SRCPARAM L0000124	0.0055865922	5.00	4.65	4.65
SRCPARAM L0000125	0.0055865922	5.00	4.65	4.65
SRCPARAM L0000126	0.0055865922	5.00	4.65	4.65
SRCPARAM L0000127	0.0055865922	5.00	4.65	4.65
SRCPARAM L0000128	0.0055865922	5.00	4.65	4.65
SRCPARAM L0000129	0.0055865922	5.00	4.65	4.65
SRCPARAM L0000130	0.0055865922	5.00	4.65	4.65
SRCPARAM L0000131	0.0055865922	5.00	4.65	4.65
SRCPARAM L0000132	0.0055865922	5.00	4.65	4.65
SRCPARAM L0000133	0.0055865922	5.00	4.65	4.65
SRCPARAM L0000134	0.0055865922	5.00	4.65	4.65
SRCPARAM L0000135	0.0055865922	5.00	4.65	4.65
SRCPARAM L0000136	0.0055865922	5.00	4.65	4.65
SRCPARAM L0000137	0.0055865922	5.00	4.65	4.65
SRCPARAM L0000138	0.0055865922	5.00	4.65	4.65
SRCPARAM L0000139	0.0055865922	5.00	4.65	4.65
SRCPARAM L0000140	0.0055865922	5.00	4.65	4.65
SRCPARAM L0000141	0.0055865922	5.00	4.65	4.65
SRCPARAM L0000142	0.0055865922	5.00	4.65	4.65
SRCPARAM L0000143	0.0055865922	5.00	4.65	4.65
SRCPARAM L0000144	0.0055865922	5.00	4.65	4.65
SRCPARAM L0000145	0.0055865922	5.00	4.65	4.65
SRCPARAM L0000146	0.0055865922	5.00	4.65	4.65
SRCPARAM L0000147	0.0055865922	5.00	4.65	4.65
SRCPARAM L0000148	0.0055865922	5.00	4.65	4.65
SRCPARAM L0000149	0.0055865922	5.00	4.65	4.65
SRCPARAM L0000150	0.0055865922	5.00	4.65	4.65
SRCPARAM L0000151	0.0055865922	5.00	4.65	4.65
SRCPARAM L0000152	0.0055865922	5.00	4.65	4.65

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   SRCPARAM L0000154     0.0055865922      5.00      4.65      4.65
   SRCPARAM L0000155     0.0055865922      5.00      4.65      4.65
   SRCPARAM L0000156     0.0055865922      5.00      4.65      4.65
   SRCPARAM L0000157     0.0055865922      5.00      4.65      4.65
   SRCPARAM L0000158     0.0055865922      5.00      4.65      4.65
   SRCPARAM L0000159     0.0055865922      5.00      4.65      4.65
   SRCPARAM L0000160     0.0055865922      5.00      4.65      4.65
   SRCPARAM L0000161     0.0055865922      5.00      4.65      4.65
   SRCPARAM L0000162     0.0055865922      5.00      4.65      4.65
   SRCPARAM L0000163     0.0055865922      5.00      4.65      4.65
   SRCPARAM L0000164     0.0055865922      5.00      4.65      4.65
   SRCPARAM L0000165     0.0055865922      5.00      4.65      4.65
   SRCPARAM L0000166     0.0055865922      5.00      4.65      4.65
   SRCPARAM L0000167     0.0055865922      5.00      4.65      4.65
   SRCPARAM L0000168     0.0055865922      5.00      4.65      4.65
   SRCPARAM L0000169     0.0055865922      5.00      4.65      4.65
   SRCPARAM L0000170     0.0055865922      5.00      4.65      4.65
   SRCPARAM L0000171     0.0055865922      5.00      4.65      4.65
   SRCPARAM L0000172     0.0055865922      5.00      4.65      4.65
   SRCPARAM L0000173     0.0055865922      5.00      4.65      4.65
   SRCPARAM L0000174     0.0055865922      5.00      4.65      4.65
   SRCPARAM L0000175     0.0055865922      5.00      4.65      4.65
   SRCPARAM L0000176     0.0055865922      5.00      4.65      4.65
   SRCPARAM L0000177     0.0055865922      5.00      4.65      4.65
   SRCPARAM L0000178     0.0055865922      5.00      4.65      4.65
   SRCPARAM L0000179     0.0055865922      5.00      4.65      4.65
** ----------------------------------------------------------------------
   URBANSRC ALL

** Variable Emissions Type: "By Hour-of-Day (HROFDY)"
** Variable Emission Scenario: "Workday"
   EMISFACT L0000001     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000001     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000001     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000001     HROFDY 1.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000002     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000002     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000002     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000002     HROFDY 1.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000003     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000003     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000003     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000003     HROFDY 1.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000004     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000004     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000004     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000004     HROFDY 1.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000005     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000005     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0000005     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000005     HROFDY 1.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000006     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000006     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000006     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000006     HROFDY 1.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000007     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000007     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000007     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000007     HROFDY 1.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000008     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000008     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000008     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000008     HROFDY 1.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000009     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000009     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000009     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000009     HROFDY 1.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000010     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000010     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000010     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0000011     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000011     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000011     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0000012     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000012     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000012     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000012     HROFDY 1.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000013     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000013     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000013     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0000014     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000014     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0000015     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000015     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000015     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0000016     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000016     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0000017     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000017     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000017     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000017     HROFDY 1.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000018     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000018     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0000019     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000019     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0000020     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000020     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0000021     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000021     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0000026     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0000027     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000030     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000030     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0000038     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000038     HROFDY 1.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000039     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000039     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000039     HROFDY 1.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000040     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000040     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000040     HROFDY 1.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000041     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000041     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0000042     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000042     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0000044     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0000103     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0000104     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0000105     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000105     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
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```
   EMISFACT L0000168     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000168     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000168     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000168     HROFDY 1.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000169     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000169     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000169     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000169     HROFDY 1.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000170     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000170     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000170     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000170     HROFDY 1.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000171     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000171     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000171     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000171     HROFDY 1.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000172     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000172     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000172     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000172     HROFDY 1.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000173     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000173     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000173     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000173     HROFDY 1.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000174     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000174     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000174     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000174     HROFDY 1.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000175     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000175     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000175     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000175     HROFDY 1.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000176     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000176     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000176     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000176     HROFDY 1.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000177     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000177     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000177     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000177     HROFDY 1.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000178     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000178     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000178     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000178     HROFDY 1.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000179     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000179     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000179     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000179     HROFDY 1.0 0.0 0.0 0.0 0.0 0.0
   SRCGROUP ALL
SO FINISHED
```

```
**
****************************************
** AERMOD Receptor Pathway
****************************************
**
**
RE STARTING
   INCLUDED "Delaney Square.rou"
RE FINISHED
**
****************************************
** AERMOD Meteorology Pathway
****************************************
**
**
ME STARTING
   SURFFILE "SCAQMD Met Data Azusa\AZUS_V11_trimmed.sfc"
   PROFFILE "SCAQMD Met Data Azusa\AZUS_V11_trimmed.PFL"
   SURFDATA 3179 2017 Azusa
   UAIRDATA 3190 2017
   SITEDATA 60370002 2017
   PROFBASE 187.0 METERS
ME FINISHED
**
****************************************
** AERMOD Output Pathway
****************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST "Delaney Square.AD\01H1GALL.PLT" 31
   PLOTFILE PERIOD ALL "Delaney Square.AD\PE00GALL.PLT" 32
   SUMMFILE "Delaney Square.sum"
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***
```

```
   ********   WARNING MESSAGES   ********
 ME W186    1172       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
     0.50
 ME W187    1172       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET


 ***********************************
 *** SETUP Finishes Successfully ***
 ***********************************

 *** AERMOD - VERSION 24142  ***   *** C:\Users\cpaludi\OneDrive -
Dudek\Desktop\HRA\Delaney Square\Delaney ***        10/22/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:40:04

                                  PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                             ***     MODEL SETUP OPTIONS SUMMARY
 ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - -

 ** Model Options Selected:
      * Model Uses Regulatory DEFAULT Options
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
      * Stack-tip Downwash.
      * Model Accounts for ELEVated Terrain Effects.
      * Use Calms Processing Routine.
      * Use Missing Data Processing Routine.
      * No Exponential Decay.
      * Model Uses URBAN Dispersion Algorithm for the SBL for   179 Source(s),
        for Total of    1 Urban Area(s):
   Urban Population =   9832684.0 ;  Urban Roughness Length =  1.000 m
      * Urban Roughness Length of 1.0 Meter Used.
      * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
      * CCVR_Sub - Meteorological data includes CCVR substitutions
      * TEMP_Sub - Meteorological data includes TEMP substitutions
      * Model Assumes No FLAGPOLE Receptor Heights.
      * The User Specified a Pollutant Type of: PM_10

 **Model Calculates  1 Short Term Average(s) of:   1-HR
     and Calculates PERIOD Averages
```

```
 **This Run Includes:    179 Source(s);       1 Source Group(s); and    1003
Receptor(s)

                with:      0 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:    179 VOLUME source(s)
                 and:      0 AREA type source(s)
                 and:      0 LINE source(s)
                 and:      0 RLINE/RLINEXT source(s)
                 and:      0 OPENPIT source(s)
                 and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
                 and:      0 SWPOINT source(s)


 **Model Set To Continue RUNning After the Setup Testing.

 **The AERMET Input Meteorological Data Version Date:  22112

 **Output Options Selected:
          Model Outputs Tables of PERIOD Averages by Receptor
          Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE
Keyword)
          Model Outputs External File(s) of High Values for Plotting (PLOTFILE
Keyword)
          Model Outputs Separate Summary File of High Ranked Values (SUMMFILE
Keyword)

 **NOTE:  The Following Flags May Appear Following CONC Values:  c for Calm Hours
                                                                 m for Missing Hours
                                                                 b for Both Calm and
Missing Hours

 **Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =   187.00 ;  Decay
Coef. =    0.000     ;  Rot. Angle =     0.0
                  Emission Units = GRAMS/SEC                                ;
Emission Rate Unit Factor =   0.10000E+07
                  Output Units   = MICROGRAMS/M**3

 **Approximate Storage Requirements of Model =      3.7 MB of RAM.

 **Input Runstream File:          aermod.inp

 **Output Print File:             aermod.out


 **Detailed Error/Message File:   Delaney Square.err

 **File for Summary of Results:   Delaney Square.sum

 *** AERMOD - VERSION 24142  ***   *** C:\Users\cpaludi\OneDrive -
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

```
               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)              BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - -

 L0000001         0   0.55866E-02  418131.2 3776402.7   189.1     5.00     4.65
4.65     YES   HROFDY           NO
 L0000002         0   0.55866E-02  418131.2 3776412.7   189.2     5.00     4.65
4.65     YES   HROFDY           NO
 L0000003         0   0.55866E-02  418131.2 3776422.7   189.3     5.00     4.65
4.65     YES   HROFDY           NO
 L0000004         0   0.55866E-02  418131.3 3776432.7   189.4     5.00     4.65
4.65     YES   HROFDY           NO
 L0000005         0   0.55866E-02  418131.3 3776442.7   189.5     5.00     4.65
4.65     YES   HROFDY           NO
 L0000006         0   0.55866E-02  418131.4 3776452.7   189.5     5.00     4.65
4.65     YES   HROFDY           NO
 L0000007         0   0.55866E-02  418131.4 3776462.7   189.6     5.00     4.65
4.65     YES   HROFDY           NO
 L0000008         0   0.55866E-02  418131.4 3776472.7   189.7     5.00     4.65
4.65     YES   HROFDY           NO
 L0000009         0   0.55866E-02  418131.5 3776482.7   189.7     5.00     4.65
4.65     YES   HROFDY           NO
 L0000010         0   0.55866E-02  418131.5 3776492.7   189.8     5.00     4.65
4.65     YES   HROFDY           NO
 L0000011         0   0.55866E-02  418131.6 3776502.7   189.9     5.00     4.65
4.65     YES   HROFDY           NO
 L0000012         0   0.55866E-02  418131.6 3776512.7   190.0     5.00     4.65
4.65     YES   HROFDY           NO
 L0000013         0   0.55866E-02  418131.7 3776522.7   190.0     5.00     4.65
4.65     YES   HROFDY           NO
 L0000014         0   0.55866E-02  418131.7 3776532.7   190.1     5.00     4.65
4.65     YES   HROFDY           NO
 L0000015         0   0.55866E-02  418131.7 3776542.7   190.2     5.00     4.65
4.65     YES   HROFDY           NO
 L0000016         0   0.55866E-02  418131.8 3776552.7   190.3     5.00     4.65
```

```
4.65     YES   HROFDY           NO
 L0000017         0   0.55866E-02  418131.8 3776562.7   190.4     5.00     4.65
4.65     YES   HROFDY           NO
 L0000018         0   0.55866E-02  418132.8 3776571.8   190.5     5.00     4.65
4.65     YES   HROFDY           NO
 L0000019         0   0.55866E-02  418142.8 3776571.7   190.7     5.00     4.65
4.65     YES   HROFDY           NO
 L0000020         0   0.55866E-02  418152.8 3776571.7   190.8     5.00     4.65
4.65     YES   HROFDY           NO
 L0000021         0   0.55866E-02  418162.8 3776571.7   190.9     5.00     4.65
4.65     YES   HROFDY           NO
 L0000022         0   0.55866E-02  418172.8 3776571.7   191.1     5.00     4.65
4.65     YES   HROFDY           NO
 L0000023         0   0.55866E-02  418182.8 3776571.6   191.2     5.00     4.65
4.65     YES   HROFDY           NO
 L0000024         0   0.55866E-02  418192.8 3776571.6   191.3     5.00     4.65
4.65     YES   HROFDY           NO
 L0000025         0   0.55866E-02  418202.8 3776571.6   191.4     5.00     4.65
4.65     YES   HROFDY           NO
 L0000026         0   0.55866E-02  418212.8 3776571.6   191.5     5.00     4.65
4.65     YES   HROFDY           NO
 L0000027         0   0.55866E-02  418222.8 3776571.6   191.7     5.00     4.65
4.65     YES   HROFDY           NO
 L0000028         0   0.55866E-02  418232.8 3776571.5   191.8     5.00     4.65
4.65     YES   HROFDY           NO
 L0000029         0   0.55866E-02  418242.8 3776571.5   191.9     5.00     4.65
4.65     YES   HROFDY           NO
 L0000030         0   0.55866E-02  418252.8 3776571.5   192.1     5.00     4.65
4.65     YES   HROFDY           NO
 L0000031         0   0.55866E-02  418262.8 3776571.5   192.3     5.00     4.65
4.65     YES   HROFDY           NO
 L0000032         0   0.55866E-02  418272.8 3776571.4   192.4     5.00     4.65
4.65     YES   HROFDY           NO
 L0000033         0   0.55866E-02  418282.8 3776571.4   192.6     5.00     4.65
4.65     YES   HROFDY           NO
 L0000034         0   0.55866E-02  418292.8 3776571.4   192.8     5.00     4.65
4.65     YES   HROFDY           NO
 L0000035         0   0.55866E-02  418302.4 3776570.9   192.9     5.00     4.65
4.65     YES   HROFDY           NO
 L0000036         0   0.55866E-02  418302.3 3776560.9   192.8     5.00     4.65
4.65     YES   HROFDY           NO
 L0000037         0   0.55866E-02  418302.3 3776550.9   192.7     5.00     4.65
4.65     YES   HROFDY           NO
 L0000038         0   0.55866E-02  418302.2 3776540.9   192.6     5.00     4.65
4.65     YES   HROFDY           NO
 L0000039         0   0.55866E-02  418302.2 3776530.9   192.5     5.00     4.65
4.65     YES   HROFDY           NO
 L0000040         0   0.55866E-02  418302.1 3776520.9   192.4     5.00     4.65
4.65     YES   HROFDY           NO
↑ *** AERMOD - VERSION 24142  ***   *** C:\Users\cpaludi\OneDrive -
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

```
               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)              BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - -

 L0000041         0   0.55866E-02  418302.1 3776510.9   192.3     5.00     4.65
4.65     YES   HROFDY           NO
 L0000042         0   0.55866E-02  418302.0 3776500.9   192.2     5.00     4.65
4.65     YES   HROFDY           NO
 L0000043         0   0.55866E-02  418302.0 3776490.9   192.2     5.00     4.65
4.65     YES   HROFDY           NO
 L0000044         0   0.55866E-02  418301.9 3776480.9   192.1     5.00     4.65
4.65     YES   HROFDY           NO
 L0000045         0   0.55866E-02  418301.9 3776470.9   191.9     5.00     4.65
4.65     YES   HROFDY           NO
 L0000046         0   0.55866E-02  418301.8 3776460.9   191.8     5.00     4.65
4.65     YES   HROFDY           NO
 L0000047         0   0.55866E-02  418301.8 3776450.9   191.7     5.00     4.65
4.65     YES   HROFDY           NO
 L0000048         0   0.55866E-02  418301.7 3776440.9   191.6     5.00     4.65
4.65     YES   HROFDY           NO
 L0000049         0   0.55866E-02  418301.7 3776430.9   191.5     5.00     4.65
4.65     YES   HROFDY           NO
 L0000050         0   0.55866E-02  418301.6 3776420.9   191.4     5.00     4.65
4.65     YES   HROFDY           NO
 L0000051         0   0.55866E-02  418301.6 3776410.9   191.3     5.00     4.65
4.65     YES   HROFDY           NO
 L0000052         0   0.55866E-02  418301.5 3776400.9   191.2     5.00     4.65
4.65     YES   HROFDY           NO
 L0000053         0   0.55866E-02  418291.8 3776400.7   191.2     5.00     4.65
4.65     YES   HROFDY           NO
 L0000054         0   0.55866E-02  418281.8 3776400.8   191.2     5.00     4.65
4.65     YES   HROFDY           NO
 L0000055         0   0.55866E-02  418271.8 3776400.9   191.1     5.00     4.65
4.65     YES   HROFDY           NO
 L0000056         0   0.55866E-02  418261.8 3776401.1   191.0     5.00     4.65
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4.65     YES   HROFDY           NO
 L0000057         0   0.55866E-02  418251.8 3776401.2   190.9     5.00     4.65
4.65     YES   HROFDY           NO
 L0000058         0   0.55866E-02  418241.8 3776401.3   190.8     5.00     4.65
4.65     YES   HROFDY           NO
 L0000059         0   0.55866E-02  418231.8 3776401.4   190.6     5.00     4.65
4.65     YES   HROFDY           NO
 L0000060         0   0.55866E-02  418221.8 3776401.5   190.5     5.00     4.65
4.65     YES   HROFDY           NO
 L0000061         0   0.55866E-02  418211.8 3776401.6   190.4     5.00     4.65
4.65     YES   HROFDY           NO
 L0000062         0   0.55866E-02  418201.8 3776401.7   190.4     5.00     4.65
4.65     YES   HROFDY           NO
 L0000063         0   0.55866E-02  418191.8 3776401.8   190.2     5.00     4.65
4.65     YES   HROFDY           NO
 L0000064         0   0.55866E-02  418181.8 3776401.9   190.0     5.00     4.65
4.65     YES   HROFDY           NO
 L0000065         0   0.55866E-02  418171.8 3776402.0   189.8     5.00     4.65
4.65     YES   HROFDY           NO
 L0000066         0   0.55866E-02  418161.8 3776402.1   189.6     5.00     4.65
4.65     YES   HROFDY           NO
 L0000067         0   0.55866E-02  418151.8 3776402.2   189.4     5.00     4.65
4.65     YES   HROFDY           NO
 L0000068         0   0.55866E-02  418149.8 3776410.2   189.5     5.00     4.65
4.65     YES   HROFDY           NO
 L0000069         0   0.55866E-02  418149.8 3776420.2   189.6     5.00     4.65
4.65     YES   HROFDY           NO
 L0000070         0   0.55866E-02  418149.8 3776430.2   189.7     5.00     4.65
4.65     YES   HROFDY           NO
 L0000071         0   0.55866E-02  418149.8 3776440.2   189.7     5.00     4.65
4.65     YES   HROFDY           NO
 L0000072         0   0.55866E-02  418149.8 3776450.2   189.8     5.00     4.65
4.65     YES   HROFDY           NO
 L0000073         0   0.55866E-02  418149.8 3776460.2   189.8     5.00     4.65
4.65     YES   HROFDY           NO
 L0000074         0   0.55866E-02  418149.8 3776470.2   189.9     5.00     4.65
4.65     YES   HROFDY           NO
 L0000075         0   0.55866E-02  418149.8 3776480.2   190.0     5.00     4.65
4.65     YES   HROFDY           NO
 L0000076         0   0.55866E-02  418149.8 3776490.2   190.0     5.00     4.65
4.65     YES   HROFDY           NO
 L0000077         0   0.55866E-02  418149.8 3776500.2   190.1     5.00     4.65
4.65     YES   HROFDY           NO
 L0000078         0   0.55866E-02  418149.8 3776510.2   190.2     5.00     4.65
4.65     YES   HROFDY           NO
 L0000079         0   0.55866E-02  418149.8 3776520.2   190.2     5.00     4.65
4.65     YES   HROFDY           NO
 L0000080         0   0.55866E-02  418149.9 3776530.2   190.3     5.00     4.65
4.65     YES   HROFDY           NO
↑ *** AERMOD - VERSION 24142  ***   *** C:\Users\cpaludi\OneDrive -
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000081	0	0.55866E-02	418149.9	3776540.2	190.4	5.00	4.65	4.65	YES	HROFDY	NO
L0000082	0	0.55866E-02	418149.9	3776550.2	190.5	5.00	4.65	4.65	YES	HROFDY	NO
L0000083	0	0.55866E-02	418158.5	3776551.5	190.7	5.00	4.65	4.65	YES	HROFDY	NO
L0000084	0	0.55866E-02	418168.5	3776551.4	190.8	5.00	4.65	4.65	YES	HROFDY	NO
L0000085	0	0.55866E-02	418178.5	3776551.3	190.9	5.00	4.65	4.65	YES	HROFDY	NO
L0000086	0	0.55866E-02	418188.5	3776551.2	191.0	5.00	4.65	4.65	YES	HROFDY	NO
L0000087	0	0.55866E-02	418198.5	3776551.2	191.2	5.00	4.65	4.65	YES	HROFDY	NO
L0000088	0	0.55866E-02	418208.5	3776551.1	191.3	5.00	4.65	4.65	YES	HROFDY	NO
L0000089	0	0.55866E-02	418218.5	3776551.0	191.4	5.00	4.65	4.65	YES	HROFDY	NO
L0000090	0	0.55866E-02	418228.5	3776550.9	191.6	5.00	4.65	4.65	YES	HROFDY	NO
L0000091	0	0.55866E-02	418238.5	3776550.9	191.7	5.00	4.65	4.65	YES	HROFDY	NO
L0000092	0	0.55866E-02	418248.5	3776550.8	191.9	5.00	4.65	4.65	YES	HROFDY	NO
L0000093	0	0.55866E-02	418258.5	3776550.7	192.0	5.00	4.65	4.65	YES	HROFDY	NO
L0000094	0	0.55866E-02	418268.5	3776550.6	192.2	5.00	4.65	4.65	YES	HROFDY	NO
L0000095	0	0.55866E-02	418278.5	3776550.5	192.4	5.00	4.65	4.65	YES	HROFDY	NO
L0000096	0	0.55866E-02	418282.8	3776544.7	192.4	5.00	4.65				

```
4.65     YES   HROFDY           NO
 L0000097         0   0.55866E-02  418282.8 3776534.7   192.3     5.00     4.65
4.65     YES   HROFDY           NO
 L0000098         0   0.55866E-02  418282.9 3776524.7   192.2     5.00     4.65
4.65     YES   HROFDY           NO
 L0000099         0   0.55866E-02  418283.0 3776514.7   192.1     5.00     4.65
4.65     YES   HROFDY           NO
 L0000100         0   0.55866E-02  418283.0 3776504.7   192.0     5.00     4.65
4.65     YES   HROFDY           NO
 L0000101         0   0.55866E-02  418283.1 3776494.7   192.0     5.00     4.65
4.65     YES   HROFDY           NO
 L0000102         0   0.55866E-02  418283.2 3776484.7   191.9     5.00     4.65
4.65     YES   HROFDY           NO
 L0000103         0   0.55866E-02  418283.2 3776474.7   191.8     5.00     4.65
4.65     YES   HROFDY           NO
 L0000104         0   0.55866E-02  418283.3 3776464.7   191.7     5.00     4.65
4.65     YES   HROFDY           NO
 L0000105         0   0.55866E-02  418283.4 3776454.7   191.6     5.00     4.65
4.65     YES   HROFDY           NO
 L0000106         0   0.55866E-02  418283.4 3776444.7   191.5     5.00     4.65
4.65     YES   HROFDY           NO
 L0000107         0   0.55866E-02  418283.5 3776434.7   191.5     5.00     4.65
4.65     YES   HROFDY           NO
 L0000108         0   0.55866E-02  418283.6 3776424.7   191.4     5.00     4.65
4.65     YES   HROFDY           NO
 L0000109         0   0.55866E-02  418279.4 3776419.1   191.4     5.00     4.65
4.65     YES   HROFDY           NO
 L0000110         0   0.55866E-02  418269.4 3776419.4   191.3     5.00     4.65
4.65     YES   HROFDY           NO
 L0000111         0   0.55866E-02  418259.4 3776419.7   191.2     5.00     4.65
4.65     YES   HROFDY           NO
 L0000112         0   0.55866E-02  418249.4 3776419.9   191.1     5.00     4.65
4.65     YES   HROFDY           NO
 L0000113         0   0.55866E-02  418239.4 3776420.2   191.0     5.00     4.65
4.65     YES   HROFDY           NO
 L0000114         0   0.55866E-02  418229.4 3776420.5   190.9     5.00     4.65
4.65     YES   HROFDY           NO
 L0000115         0   0.55866E-02  418219.4 3776420.8   190.8     5.00     4.65
4.65     YES   HROFDY           NO
 L0000116         0   0.55866E-02  418209.4 3776421.1   190.7     5.00     4.65
4.65     YES   HROFDY           NO
 L0000117         0   0.55866E-02  418199.4 3776421.4   190.7     5.00     4.65
4.65     YES   HROFDY           NO
 L0000118         0   0.55866E-02  418189.4 3776421.6   190.5     5.00     4.65
4.65     YES   HROFDY           NO
 L0000119         0   0.55866E-02  418179.4 3776421.9   190.2     5.00     4.65
4.65     YES   HROFDY           NO
 L0000120         0   0.55866E-02  418169.7 3776422.5   190.0     5.00     4.65
4.65     YES   HROFDY           NO
```

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000121	0	0.55866E-02	418169.8	3776432.5	190.1	5.00	4.65	4.65	YES	HROFDY	NO
L0000122	0	0.55866E-02	418169.9	3776442.5	190.1	5.00	4.65	4.65	YES	HROFDY	NO
L0000123	0	0.55866E-02	418170.0	3776452.5	190.2	5.00	4.65	4.65	YES	HROFDY	NO
L0000124	0	0.55866E-02	418170.1	3776462.5	190.2	5.00	4.65	4.65	YES	HROFDY	NO
L0000125	0	0.55866E-02	418170.2	3776472.5	190.3	5.00	4.65	4.65	YES	HROFDY	NO
L0000126	0	0.55866E-02	418170.4	3776482.5	190.3	5.00	4.65	4.65	YES	HROFDY	NO
L0000127	0	0.55866E-02	418170.5	3776492.5	190.4	5.00	4.65	4.65	YES	HROFDY	NO
L0000128	0	0.55866E-02	418170.6	3776502.5	190.4	5.00	4.65	4.65	YES	HROFDY	NO
L0000129	0	0.55866E-02	418170.7	3776512.5	190.5	5.00	4.65	4.65	YES	HROFDY	NO
L0000130	0	0.55866E-02	418170.8	3776522.5	190.6	5.00	4.65	4.65	YES	HROFDY	NO
L0000131	0	0.55866E-02	418172.3	3776531.1	190.7	5.00	4.65	4.65	YES	HROFDY	NO
L0000132	0	0.55866E-02	418182.3	3776531.1	190.8	5.00	4.65	4.65	YES	HROFDY	NO
L0000133	0	0.55866E-02	418192.3	3776531.0	190.9	5.00	4.65	4.65	YES	HROFDY	NO
L0000134	0	0.55866E-02	418202.3	3776530.9	191.1	5.00	4.65	4.65	YES	HROFDY	NO
L0000135	0	0.55866E-02	418212.3	3776530.9	191.2	5.00	4.65	4.65	YES	HROFDY	NO
L0000136	0	0.55866E-02	418222.3	3776530.8	191.3	5.00	4.65				

```
4.65     YES   HROFDY           NO
 L0000137         0   0.55866E-02  418232.3 3776530.8   191.5     5.00     4.65
4.65     YES   HROFDY           NO
 L0000138         0   0.55866E-02  418242.3 3776530.7   191.6     5.00     4.65
4.65     YES   HROFDY           NO
 L0000139         0   0.55866E-02  418252.3 3776530.7   191.8     5.00     4.65
4.65     YES   HROFDY           NO
 L0000140         0   0.55866E-02  418262.3 3776530.6   191.9     5.00     4.65
4.65     YES   HROFDY           NO
 L0000141         0   0.55866E-02  418263.8 3776522.3   191.9     5.00     4.65
4.65     YES   HROFDY           NO
 L0000142         0   0.55866E-02  418263.7 3776512.3   191.8     5.00     4.65
4.65     YES   HROFDY           NO
 L0000143         0   0.55866E-02  418263.6 3776502.3   191.7     5.00     4.65
4.65     YES   HROFDY           NO
 L0000144         0   0.55866E-02  418263.4 3776492.3   191.7     5.00     4.65
4.65     YES   HROFDY           NO
 L0000145         0   0.55866E-02  418263.3 3776482.3   191.7     5.00     4.65
4.65     YES   HROFDY           NO
 L0000146         0   0.55866E-02  418263.2 3776472.3   191.6     5.00     4.65
4.65     YES   HROFDY           NO
 L0000147         0   0.55866E-02  418263.0 3776462.3   191.5     5.00     4.65
4.65     YES   HROFDY           NO
 L0000148         0   0.55866E-02  418262.9 3776452.3   191.5     5.00     4.65
4.65     YES   HROFDY           NO
 L0000149         0   0.55866E-02  418262.7 3776442.3   191.4     5.00     4.65
4.65     YES   HROFDY           NO
 L0000150         0   0.55866E-02  418254.4 3776440.7   191.3     5.00     4.65
4.65     YES   HROFDY           NO
 L0000151         0   0.55866E-02  418244.4 3776440.9   191.2     5.00     4.65
4.65     YES   HROFDY           NO
 L0000152         0   0.55866E-02  418234.4 3776441.0   191.1     5.00     4.65
4.65     YES   HROFDY           NO
 L0000153         0   0.55866E-02  418224.4 3776441.1   191.0     5.00     4.65
4.65     YES   HROFDY           NO
 L0000154         0   0.55866E-02  418214.4 3776441.2   190.9     5.00     4.65
4.65     YES   HROFDY           NO
 L0000155         0   0.55866E-02  418204.4 3776441.4   190.9     5.00     4.65
4.65     YES   HROFDY           NO
 L0000156         0   0.55866E-02  418194.4 3776441.5   190.7     5.00     4.65
4.65     YES   HROFDY           NO
 L0000157         0   0.55866E-02  418190.5 3776447.3   190.7     5.00     4.65
4.65     YES   HROFDY           NO
 L0000158         0   0.55866E-02  418191.0 3776457.3   190.7     5.00     4.65
4.65     YES   HROFDY           NO
 L0000159         0   0.55866E-02  418191.5 3776467.3   190.7     5.00     4.65
4.65     YES   HROFDY           NO
 L0000160         0   0.55866E-02  418191.9 3776477.3   190.8     5.00     4.65
4.65     YES   HROFDY           NO
*** AERMOD - VERSION 24142  ***   *** C:\Users\cpaludi\OneDrive -
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000161	0	0.55866E-02	418192.4	3776487.3	190.8	5.00	4.65	4.65	YES	HROFDY	NO
L0000162	0	0.55866E-02	418192.9	3776497.3	190.8	5.00	4.65	4.65	YES	HROFDY	NO
L0000163	0	0.55866E-02	418193.4	3776507.3	190.8	5.00	4.65	4.65	YES	HROFDY	NO
L0000164	0	0.55866E-02	418200.6	3776510.0	190.9	5.00	4.65	4.65	YES	HROFDY	NO
L0000165	0	0.55866E-02	418210.6	3776509.7	191.0	5.00	4.65	4.65	YES	HROFDY	NO
L0000166	0	0.55866E-02	418220.6	3776509.5	191.1	5.00	4.65	4.65	YES	HROFDY	NO
L0000167	0	0.55866E-02	418230.6	3776509.2	191.3	5.00	4.65	4.65	YES	HROFDY	NO
L0000168	0	0.55866E-02	418240.6	3776509.0	191.4	5.00	4.65	4.65	YES	HROFDY	NO
L0000169	0	0.55866E-02	418243.9	3776502.1	191.5	5.00	4.65	4.65	YES	HROFDY	NO
L0000170	0	0.55866E-02	418244.0	3776492.1	191.5	5.00	4.65	4.65	YES	HROFDY	NO
L0000171	0	0.55866E-02	418244.2	3776482.1	191.4	5.00	4.65	4.65	YES	HROFDY	NO
L0000172	0	0.55866E-02	418244.4	3776472.1	191.4	5.00	4.65	4.65	YES	HROFDY	NO
L0000173	0	0.55866E-02	418244.5	3776462.1	191.4	5.00	4.65	4.65	YES	HROFDY	NO
L0000174	0	0.55866E-02	418234.5	3776462.2	191.2	5.00	4.65	4.65	YES	HROFDY	NO
L0000175	0	0.55866E-02	418224.5	3776462.3	191.1	5.00	4.65	4.65	YES	HROFDY	NO
L0000176	0	0.55866E-02	418214.5	3776462.4	191.1	5.00	4.65				

```
4.65     YES   HROFDY           NO
 L0000177         0   0.55866E-02  418213.6 3776469.4   191.1     5.00     4.65
4.65     YES   HROFDY           NO
 L0000178         0   0.55866E-02  418216.2 3776479.1   191.1     5.00     4.65
4.65     YES   HROFDY           NO
 L0000179         0   0.55866E-02  418218.8 3776488.8   191.1     5.00     4.65
4.65     YES   HROFDY           NO
```



```
                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                                  SOURCE IDs
 -----------                                                  ----------


  ALL        L0000001    , L0000002    , L0000003    , L0000004    , L0000005    ,
L0000006    , L0000007    , L0000008    ,

             L0000009    , L0000010    , L0000011    , L0000012    , L0000013    ,
L0000014    , L0000015    , L0000016    ,

             L0000017    , L0000018    , L0000019    , L0000020    , L0000021    ,
L0000022    , L0000023    , L0000024    ,

             L0000025    , L0000026    , L0000027    , L0000028    , L0000029    ,
L0000030    , L0000031    , L0000032    ,

             L0000033    , L0000034    , L0000035    , L0000036    , L0000037    ,
L0000038    , L0000039    , L0000040    ,

             L0000041    , L0000042    , L0000043    , L0000044    , L0000045    ,
L0000046    , L0000047    , L0000048    ,

             L0000049    , L0000050    , L0000051    , L0000052    , L0000053    ,
L0000054    , L0000055    , L0000056    ,

             L0000057    , L0000058    , L0000059    , L0000060    , L0000061    ,
L0000062    , L0000063    , L0000064    ,

             L0000065    , L0000066    , L0000067    , L0000068    , L0000069    ,
L0000070    , L0000071    , L0000072    ,

             L0000073    , L0000074    , L0000075    , L0000076    , L0000077    ,
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L0000078 , L0000079 , L0000080 ,

L0000081 , L0000082 , L0000083 , L0000084 , L0000085 ,
L0000086 , L0000087 , L0000088 ,

L0000089 , L0000090 , L0000091 , L0000092 , L0000093 ,
L0000094 , L0000095 , L0000096 ,

L0000097 , L0000098 , L0000099 , L0000100 , L0000101 ,
L0000102 , L0000103 , L0000104 ,

L0000105 , L0000106 , L0000107 , L0000108 , L0000109 ,
L0000110 , L0000111 , L0000112 ,

L0000113 , L0000114 , L0000115 , L0000116 , L0000117 ,
L0000118 , L0000119 , L0000120 ,

L0000121 , L0000122 , L0000123 , L0000124 , L0000125 ,
L0000126 , L0000127 , L0000128 ,

L0000129 , L0000130 , L0000131 , L0000132 , L0000133 ,
L0000134 , L0000135 , L0000136 ,

L0000137 , L0000138 , L0000139 , L0000140 , L0000141 ,
L0000142 , L0000143 , L0000144 ,

L0000145 , L0000146 , L0000147 , L0000148 , L0000149 ,
L0000150 , L0000151 , L0000152 ,

L0000153 , L0000154 , L0000155 , L0000156 , L0000157 ,
L0000158 , L0000159 , L0000160 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
	L0000161 , L0000162 , L0000163 , L0000164 , L0000165 , L0000166 , L0000167 , L0000168 , L0000169 , L0000170 , L0000171 , L0000172 , L0000173 ,

L0000174 , L0000175 , L0000176 ,

L0000177 , L0000178 , L0000179 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
	9832684.	L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 ,
		L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 ,
		L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 ,
		L0000025 , L0000026 , L0000027 , L0000028 , L0000029 , L0000030 , L0000031 , L0000032 ,
		L0000033 , L0000034 , L0000035 , L0000036 , L0000037 , L0000038 , L0000039 , L0000040 ,
		L0000041 , L0000042 , L0000043 , L0000044 , L0000045 , L0000046 , L0000047 , L0000048 ,
		L0000049 , L0000050 , L0000051 , L0000052 , L0000053 , L0000054 , L0000055 , L0000056 ,
		L0000057 , L0000058 , L0000059 , L0000060 , L0000061 , L0000062 , L0000063 , L0000064 ,
		L0000065 , L0000066 , L0000067 , L0000068 , L0000069 , L0000070 , L0000071 , L0000072 ,
		L0000073 , L0000074 , L0000075 , L0000076 , L0000077 , L0000078 , L0000079 , L0000080 ,

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             L0000081    , L0000082    , L0000083    , L0000084    , L0000085    ,
L0000086    , L0000087    , L0000088    ,

             L0000089    , L0000090    , L0000091    , L0000092    , L0000093    ,
L0000094    , L0000095    , L0000096    ,

             L0000097    , L0000098    , L0000099    , L0000100    , L0000101    ,
L0000102    , L0000103    , L0000104    ,

             L0000105    , L0000106    , L0000107    , L0000108    , L0000109    ,
L0000110    , L0000111    , L0000112    ,

             L0000113    , L0000114    , L0000115    , L0000116    , L0000117    ,
L0000118    , L0000119    , L0000120    ,

             L0000121    , L0000122    , L0000123    , L0000124    , L0000125    ,
L0000126    , L0000127    , L0000128    ,

             L0000129    , L0000130    , L0000131    , L0000132    , L0000133    ,
L0000134    , L0000135    , L0000136    ,

             L0000137    , L0000138    , L0000139    , L0000140    , L0000141    ,
L0000142    , L0000143    , L0000144    ,

             L0000145    , L0000146    , L0000147    , L0000148    , L0000149    ,
L0000150    , L0000151    , L0000152    ,

             L0000153    , L0000154    , L0000155    , L0000156    , L0000157    ,
L0000158    , L0000159    , L0000160    ,
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                                          *** SOURCE IDs DEFINED AS URBAN SOURCES
***

  URBAN ID   URBAN POP                                    SOURCE IDs
  --------   ---------                                    ----------


             L0000161    , L0000162    , L0000163    , L0000164    , L0000165    ,
L0000166    , L0000167    , L0000168    ,

             L0000169    , L0000170    , L0000171    , L0000172    , L0000173    ,
L0000174    , L0000175    , L0000176    ,
```

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.10000E+01	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = L0000001 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.10000E+01	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = L0000002 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.10000E+01	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = L0000003 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.10000E+01	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

```
 SOURCE ID = L0000004     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000005     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION 24142  ***   *** C:\Users\cpaludi\OneDrive -
Dudek\Desktop\HRA\Delaney Square\Delaney ***        10/22/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:40:04

                                 PAGE  12
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0000006     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00
```

```
SOURCE ID = L0000007     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
 5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
23   .00000E+00     24   .00000E+00


SOURCE ID = L0000008     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
 5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
23   .00000E+00     24   .00000E+00


SOURCE ID = L0000009     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
 5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
23   .00000E+00     24   .00000E+00


SOURCE ID = L0000010     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
 5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
23   .00000E+00     24   .00000E+00
```

```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0000011     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000012     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000013     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000014     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
```

```
 17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000015     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00

↑ *** AERMOD - VERSION 24142  ***   *** C:\Users\cpaludi\OneDrive -
Dudek\Desktop\HRA\Delaney Square\Delaney ***        10/22/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:40:04

                                  PAGE  14
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0000016     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000017     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
```

```
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000018     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000019     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000020     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00
```



```
                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
```

- -

```
SOURCE ID = L0000021     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
 5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
23   .00000E+00     24   .00000E+00


SOURCE ID = L0000022     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
 5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
23   .00000E+00     24   .00000E+00


SOURCE ID = L0000023     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
 5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
23   .00000E+00     24   .00000E+00


SOURCE ID = L0000024     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
 5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
23   .00000E+00     24   .00000E+00


SOURCE ID = L0000025     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
 5   .00000E+00      6   .00000E+00
```

```
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00
```



```
                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0000026     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000027     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000028     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
```

```
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000029     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000030     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION 24142  ***   *** C:\Users\cpaludi\OneDrive -
Dudek\Desktop\HRA\Delaney Square\Delaney ***        10/22/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:40:04

                                 PAGE  17
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0000031     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
```

```
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
23   .00000E+00     24   .00000E+00


SOURCE ID = L0000032     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
 5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
23   .00000E+00     24   .00000E+00


SOURCE ID = L0000033     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
 5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
23   .00000E+00     24   .00000E+00


SOURCE ID = L0000034     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
 5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
23   .00000E+00     24   .00000E+00


SOURCE ID = L0000035     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
 5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
23   .00000E+00     24   .00000E+00
```

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

```
     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0000036     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000037     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000038     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000039     ; SOURCE TYPE = VOLUME   :
```

```
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000040     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00

↑ *** AERMOD - VERSION 24142  ***   *** C:\Users\cpaludi\OneDrive -
Dudek\Desktop\HRA\Delaney Square\Delaney ***        10/22/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:40:04

                                  PAGE  19
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0000041     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000042     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
```

```
 5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
23   .00000E+00     24   .00000E+00


SOURCE ID = L0000043     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
 5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
23   .00000E+00     24   .00000E+00


SOURCE ID = L0000044     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
 5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
23   .00000E+00     24   .00000E+00


SOURCE ID = L0000045     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
 5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
23   .00000E+00     24   .00000E+00
```



```
                              * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
```

```
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0000046     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000047     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000048     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000049     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00
```

```
 SOURCE ID = L0000050     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00
```



```
                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0000051     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000052     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00
```

```
 SOURCE ID = L0000053     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000054     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000055     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00
```



```
                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
```

```
SOURCE ID = L0000056     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
 5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
23   .00000E+00     24   .00000E+00


SOURCE ID = L0000057     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
 5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
23   .00000E+00     24   .00000E+00


SOURCE ID = L0000058     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
 5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
23   .00000E+00     24   .00000E+00


SOURCE ID = L0000059     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
 5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
23   .00000E+00     24   .00000E+00


SOURCE ID = L0000060     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
 5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
```

```
 17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00

🡅 *** AERMOD - VERSION 24142  ***   *** C:\Users\cpaludi\OneDrive -
Dudek\Desktop\HRA\Delaney Square\Delaney ***        10/22/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:40:04

                                 PAGE  23
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0000061     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000062     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000063     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
```

```
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000064     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000065     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00

🡅 *** AERMOD - VERSION 24142  ***   *** C:\Users\cpaludi\OneDrive -
Dudek\Desktop\HRA\Delaney Square\Delaney ***        10/22/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:40:04

                                  PAGE  24
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0000066     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
```

```
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000067     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000068     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000069     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000070     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION 24142  ***   *** C:\Users\cpaludi\OneDrive -
Dudek\Desktop\HRA\Delaney Square\Delaney ***        10/22/25
 *** AERMET - VERSION  22112 ***   ***
                       ***       13:40:04
```

```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0000071     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000072     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000073     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000074     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
```

```
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000075     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00

↑ *** AERMOD - VERSION 24142  ***   *** C:\Users\cpaludi\OneDrive -
Dudek\Desktop\HRA\Delaney Square\Delaney ***        10/22/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:40:04

                                 PAGE  26
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0000076     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000077     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
```

```
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000078     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000079     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000080     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00
```



```
                              * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
```

```
HOUR    SCALAR      HOUR    SCALAR
 - - -
```

```
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00
```



```
                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0000086     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000087     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000088     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
```

```
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000089     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000090     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00
```



```
                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0000091     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
```

```
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
23   .00000E+00     24   .00000E+00


SOURCE ID = L0000092     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
 5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
23   .00000E+00     24   .00000E+00


SOURCE ID = L0000093     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
 5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
23   .00000E+00     24   .00000E+00


SOURCE ID = L0000094     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
 5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
23   .00000E+00     24   .00000E+00


SOURCE ID = L0000095     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
 5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
23   .00000E+00     24   .00000E+00
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.10000E+01	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = L0000096 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.10000E+01	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = L0000097 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.10000E+01	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = L0000098 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.10000E+01	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

```
 SOURCE ID = L0000099     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000100     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION 24142  ***   *** C:\Users\cpaludi\OneDrive -
Dudek\Desktop\HRA\Delaney Square\Delaney ***        10/22/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:40:04

                                 PAGE  31
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0000101     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00
```

```
 SOURCE ID = L0000102     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000103     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000104     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000105     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00
```

```
                              * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0000106     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000107     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000108     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000109     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
```

```
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000110     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION 24142  ***   *** C:\Users\cpaludi\OneDrive -
Dudek\Desktop\HRA\Delaney Square\Delaney ***        10/22/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:40:04

                                 PAGE  33
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0000111     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000112     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
```

```
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000113     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000114     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000115     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00
```



```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
```

```
SOURCE ID = L0000116     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
 5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
23   .00000E+00     24   .00000E+00


SOURCE ID = L0000117     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
 5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
23   .00000E+00     24   .00000E+00


SOURCE ID = L0000118     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
 5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
23   .00000E+00     24   .00000E+00


SOURCE ID = L0000119     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
 5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
23   .00000E+00     24   .00000E+00


SOURCE ID = L0000120     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
 5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
```

```
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00
```



```
                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0000121     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000122     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000123     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
```

```
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000124     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000125     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION 24142  ***   *** C:\Users\cpaludi\OneDrive -
Dudek\Desktop\HRA\Delaney Square\Delaney ***        10/22/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:40:04

                                 PAGE  36
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0000126     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
```

```
17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
23   .00000E+00     24   .00000E+00


SOURCE ID = L0000127     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
 5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
23   .00000E+00     24   .00000E+00


SOURCE ID = L0000128     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
 5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
23   .00000E+00     24   .00000E+00


SOURCE ID = L0000129     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
 5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
23   .00000E+00     24   .00000E+00


SOURCE ID = L0000130     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
 5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
23   .00000E+00     24   .00000E+00
```

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

```
     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0000131     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000132     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000133     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000134     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
```

```
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000135     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION 24142  ***   *** C:\Users\cpaludi\OneDrive -
Dudek\Desktop\HRA\Delaney Square\Delaney ***        10/22/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:40:04

                                 PAGE  38
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0000136     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000137     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
```

```
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000138     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000139     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000140     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00
```



```
                              * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *
```

```
     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0000141     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000142     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000143     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000144     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00
```

```
 SOURCE ID = L0000145     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00
```



```
                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0000146     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000147     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00
```

```
 SOURCE ID = L0000148     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000149     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000150     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00
```



```
                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0000151     ; SOURCE TYPE = VOLUME   :
```

```
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
 5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
23   .00000E+00     24   .00000E+00


SOURCE ID = L0000152     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
 5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
23   .00000E+00     24   .00000E+00


SOURCE ID = L0000153     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
 5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
23   .00000E+00     24   .00000E+00


SOURCE ID = L0000154     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
 5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
23   .00000E+00     24   .00000E+00


SOURCE ID = L0000155     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
 5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
17   .10000E+01     18   .10000E+01
```

```
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00

↑ *** AERMOD - VERSION 24142  ***   *** C:\Users\cpaludi\OneDrive -
Dudek\Desktop\HRA\Delaney Square\Delaney ***        10/22/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:40:04

                                  PAGE  42
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0000156     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000157     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000158     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
```

```
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000159     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000160     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION 24142  ***   *** C:\Users\cpaludi\OneDrive -
Dudek\Desktop\HRA\Delaney Square\Delaney ***        10/22/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:40:04

                                  PAGE  43
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0000161     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00
```

```
 SOURCE ID = L0000162     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000163     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000164     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000165     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00

↑ *** AERMOD - VERSION 24142  ***   *** C:\Users\cpaludi\OneDrive -
Dudek\Desktop\HRA\Delaney Square\Delaney ***        10/22/25
 *** AERMET - VERSION  22112 ***   ***
                       ***       13:40:04
```

```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0000166     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000167     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000168     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000169     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
```

```
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000170     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00

↑ *** AERMOD - VERSION 24142  ***   *** C:\Users\cpaludi\OneDrive -
Dudek\Desktop\HRA\Delaney Square\Delaney ***        10/22/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:40:04

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                           * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0000171     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000172     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
```

```
 17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000173     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000174     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000175     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION 24142  ***   *** C:\Users\cpaludi\OneDrive -
Dudek\Desktop\HRA\Delaney Square\Delaney ***        10/22/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:40:04

                                  PAGE  46
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
HOUR    SCALAR      HOUR    SCALAR
```

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 - - -
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*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

*** X-COORDINATES OF GRID ***
(METERS)

417936.6, 417974.8, 418012.9, 418051.0, 418089.2, 418127.3, 418165.5, 418203.6, 418241.7, 418279.9,
418318.0, 418356.2, 418394.3, 418432.4, 418470.6, 418508.7, 418546.9, 418585.0, 418623.1, 418661.3,
418699.4,

*** Y-COORDINATES OF GRID ***
(METERS)

3776000.2, 3776018.2, 3776036.3, 3776054.4, 3776072.5, 3776090.6, 3776108.7, 3776126.8, 3776144.9, 3776163.0,
3776181.1, 3776199.2, 3776217.2, 3776235.3, 3776253.4, 3776271.5, 3776289.6, 3776307.7, 3776325.8, 3776343.9,
3776362.0,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 417936.62	417974.76	418012.90	418051.04	418089.18	418127.32	418165.46	418203.60	418241.74
3776361.96	186.70	187.00	187.30	187.70	188.40	189.00	189.50	190.10	190.70
3776343.87	186.60	186.90	187.20	187.60	188.50	189.10	189.50	190.00	190.80

```
  3776325.78 |        186.40       186.80       187.10       187.60       188.60
  189.00       189.50       190.00       190.90
  3776307.69 |        186.20       186.60       187.00       187.50       188.50
  188.80       189.40       189.80       190.70
  3776289.60 |        186.10       186.50       186.90       187.40       188.40
  188.60       189.20       189.70       190.50
  3776271.51 |        186.00       186.40       186.80       187.30       188.20
  188.50       189.10       189.60       190.40
  3776253.42 |        185.90       186.30       186.70       187.20       188.00
  188.40       189.00       189.40       190.20
  3776235.33 |        185.80       186.20       186.50       187.00       187.70
  188.20       188.70       189.20       189.90
  3776217.24 |        185.80       186.20       186.50       187.00       187.70
  188.20       188.80       189.30       189.90
  3776199.15 |        185.80       186.20       186.50       187.00       187.70
  188.30       188.80       189.30       189.90
  3776181.06 |        185.60       186.10       186.40       186.90       187.50
  188.10       188.60       189.10       189.60
  3776162.97 |        185.50       186.00       186.30       186.70       187.30
  187.80       188.30       188.70       189.40
  3776144.88 |        185.30       185.80       186.20       186.50       187.00
  187.50       187.90       188.30       189.00
  3776126.79 |        185.30       185.80       186.10       186.50       187.00
  187.50       187.90       188.40       189.00
  3776108.70 |        185.30       185.70       186.00       186.50       187.00
  187.50       188.00       188.60       189.20
  3776090.61 |        185.00       185.50       185.90       186.30       186.90
  187.40       187.90       188.50       189.10
  3776072.52 |        184.80       185.30       185.70       186.10       186.70
  187.30       187.90       188.40       189.00
  3776054.43 |        184.80       185.30       185.60       186.00       186.70
  187.20       187.90       188.30       189.10
  3776036.34 |        184.60       185.10       185.40       185.90       186.70
  187.00       187.90       188.10       189.00
  3776018.25 |        184.30       184.80       185.20       185.90       186.70
  186.90       187.70       187.90       188.90
  3776000.16 |        184.10       184.60       185.00       185.70       186.30
  186.60       187.40       187.70       188.50
↑ *** AERMOD - VERSION 24142  ***   *** C:\Users\cpaludi\OneDrive -
Dudek\Desktop\HRA\Delaney Square\Delaney ***        10/22/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:40:04

                                  PAGE  49
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                  *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART
***

                                                 * ELEVATION HEIGHTS IN METERS *
```

```
    Y-COORD  |                                                X-COORD (METERS)
    (METERS) |     418279.88    418318.02    418356.16    418394.30    418432.44
418470.58    418508.72    418546.86    418585.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -

  3776361.96 |        191.20       191.70       192.20       192.80       193.50
  193.90       194.70       195.50       196.00
  3776343.87 |        191.20       191.80       192.20       192.80       193.50
  193.90       194.70       195.50       195.90
  3776325.78 |        191.20       191.80       192.20       192.70       193.40
  193.80       194.60       195.40       195.70
  3776307.69 |        191.00       191.60       191.90       192.50       193.10
  193.60       194.50       195.10       195.50
  3776289.60 |        190.80       191.40       191.70       192.30       192.90
  193.50       194.40       194.90       195.20
  3776271.51 |        190.70       191.30       191.70       192.40       193.00
  193.40       194.30       194.70       195.20
  3776253.42 |        190.60       191.10       191.60       192.30       193.00
  193.30       194.20       194.50       195.10
  3776235.33 |        190.40       190.90       191.40       192.10       192.90
  193.10       194.00       194.30       194.90
  3776217.24 |        190.40       190.90       191.40       192.00       192.80
  193.00       193.80       194.00       194.70
  3776199.15 |        190.40       190.90       191.40       192.10       192.70
  192.90       193.50       193.80       194.40
  3776181.06 |        190.30       190.80       191.40       192.00       192.60
  192.70       193.10       193.50       194.00
  3776162.97 |        190.10       190.70       191.30       191.80       192.40
  192.60       192.80       193.20       193.80
  3776144.88 |        189.80       190.50       191.10       191.60       192.30
  192.50       192.60       193.30       194.00
  3776126.79 |        189.80       190.40       191.00       191.60       192.10
  192.40       192.40       193.30       194.10
  3776108.70 |        189.90       190.40       191.00       191.60       192.00
  192.30       192.30       193.40       194.20
  3776090.61 |        189.70       190.20       190.80       191.30       191.60
  192.00       192.20       193.20       194.10
  3776072.52 |        189.60       190.10       190.60       191.00       191.30
  191.70       192.10       193.10       194.00
  3776054.43 |        189.40       190.10       190.40       191.00       191.20
  191.70       192.00       193.00       193.80
  3776036.34 |        189.30       190.00       190.30       190.90       191.10
  191.70       192.00       192.90       193.60
  3776018.25 |        189.00       189.90       190.10       190.90       191.00
  191.70       191.90       192.70       193.30
  3776000.16 |        188.80       189.50       189.80       190.60       190.80
  191.50       191.80       192.50       193.10
*** AERMOD - VERSION 24142  ***   *** C:\Users\cpaludi\OneDrive -
```

                                          * ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 418623.14	418661.28	418699.42
3776361.96	196.60	197.30	198.00
3776343.87	196.40	197.10	197.80
3776325.78	196.10	196.70	197.50
3776307.69	195.90	196.40	197.30
3776289.60	195.80	196.10	197.10
3776271.51	195.90	196.00	197.00
3776253.42	195.90	195.90	196.80
3776235.33	195.80	195.80	196.60
3776217.24	195.50	195.70	196.50
3776199.15	195.10	195.50	196.30
3776181.06	194.70	195.30	196.20
3776162.97	194.30	195.10	196.00
3776144.88	194.40	195.10	195.80
3776126.79	194.40	195.00	195.60
3776108.70	194.30	194.90	195.40
3776090.61	194.30	194.70	195.30
3776072.52	194.20	194.60	195.10
3776054.43	194.20	194.50	195.00
3776036.34	194.10	194.40	194.90
3776018.25	194.00	194.40	194.80
3776000.16	193.80	194.30	194.80

                                          * HILL HEIGHT SCALES IN METERS *

```
    Y-COORD  |                                                X-COORD (METERS)
    (METERS) |     417936.62    417974.76    418012.90    418051.04    418089.18
418127.32    418165.46    418203.60    418241.74
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -

  3776361.96 |       3045.50      3045.50      3045.50      3045.50      3065.60
 3066.90      3066.90      3066.90      3066.90
  3776343.87 |       3045.50      3045.50      3045.50      3045.50      3045.50
 3066.90      3066.90      3066.90      3066.90
  3776325.78 |       3045.50      3045.50      3045.50      3045.50      3045.50
 3065.60      3066.90      3066.90      3066.90
  3776307.69 |       3045.50      3045.50      3045.50      3045.50      3045.50
 3045.50      3066.90      3066.90      3066.90
  3776289.60 |       3045.50      3045.50      3045.50      3045.50      3045.50
 3045.50      3065.60      3066.90      3066.90
  3776271.51 |       3045.50      3045.50      3045.50      3045.50      3045.50
 3045.50      3045.50      3066.90      3066.90
  3776253.42 |       3045.50      3045.50      3045.50      3045.50      3045.50
 3045.50      3045.50      3066.90      3066.90
  3776235.33 |       3045.50      3045.50      3045.50      3045.50      3045.50
 3045.50      3045.50      3065.60      3066.90
  3776217.24 |       3045.50      3045.50      3045.50      3045.50      3045.50
 3045.50      3045.50      3045.50      3066.90
  3776199.15 |       3045.50      3045.50      3045.50      3045.50      3045.50
 3045.50      3045.50      3045.50      3065.60
  3776181.06 |       3045.50      3045.50      3045.50      3045.50      3045.50
 3045.50      3045.50      3045.50      3045.50
  3776162.97 |       3045.50      3045.50      3045.50      3045.50      3045.50
 3045.50      3045.50      3045.50      3045.50
  3776144.88 |       3045.50      3045.50      3045.50      3045.50      3045.50
 3045.50      3045.50      3045.50      3045.50
  3776126.79 |       3045.50      3045.50      3045.50      3045.50      3045.50
 3045.50      3045.50      3045.50      3045.50
  3776108.70 |       3045.50      3045.50      3045.50      3045.50      3045.50
 3045.50      3045.50      3045.50      3045.50
  3776090.61 |       3045.50      3045.50      3045.50      3045.50      3045.50
 3045.50      3045.50      3045.50      3045.50
  3776072.52 |       3045.50      3045.50      3045.50      3045.50      3045.50
 3045.50      3045.50      3045.50      3045.50
  3776054.43 |       3045.50      3045.50      3045.50      3045.50      3045.50
 3045.50      3045.50      3045.50      3045.50
  3776036.34 |       3045.50      3045.50      3045.50      3045.50      3045.50
 3045.50      3045.50      3045.50      3045.50
  3776018.25 |       3045.50      3045.50      3045.50      3045.50      3045.50
 3045.50      3045.50      3045.50      3045.50
  3776000.16 |       3045.50      3045.50      3045.50      3045.50      3045.50
 3045.50      3045.50      3045.50      3045.50
↑ *** AERMOD - VERSION 24142  ***   *** C:\Users\cpaludi\OneDrive -
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 418279.88	418318.02	418356.16	418394.30	418432.44	418470.58	418508.72	418546.86	418585.00
3776361.96	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90
3776343.87	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90
3776325.78	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90
3776307.69	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90
3776289.60	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90
3776271.51	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90
3776253.42	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90
3776235.33	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90
3776217.24	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90
3776199.15	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90
3776181.06	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90
3776162.97	3065.60	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90
3776144.88	3045.50	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90
3776126.79	3045.50	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90
3776108.70	3045.50	3045.50	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90
3776090.61	3045.50	3045.50	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90

```
  3776072.52 |       3045.50      3045.50      3065.60      3066.90      3066.90
 3066.90      3066.90      3066.90      3066.90
  3776054.43 |       3045.50      3045.50      3045.50      3066.90      3066.90
 3066.90      3066.90      3066.90      3066.90
  3776036.34 |       3045.50      3045.50      3045.50      3065.60      3066.90
 3066.90      3066.90      3066.90      3066.90
  3776018.25 |       3045.50      3045.50      3045.50      3045.50      3066.90
 3066.90      3066.90      3066.90      3066.90
  3776000.16 |       3045.50      3045.50      3045.50      3045.50      3066.90
 3066.90      3066.90      3066.90      3066.90
```

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

*** X-COORDINATES OF GRID ***
(METERS)

418343.6, 418360.9, 418378.3, 418395.6, 418412.9, 418430.3, 418447.6, 418464.9, 418482.2, 418499.6,
418516.9, 418534.2, 418551.6, 418568.9, 418586.2, 418603.6, 418620.9, 418638.2, 418655.5, 418672.9,
418690.2,

*** Y-COORDINATES OF GRID ***
(METERS)

3776399.8, 3776409.0, 3776418.1, 3776427.3, 3776436.5, 3776445.6, 3776454.8, 3776463.9, 3776473.1, 3776482.3,
3776491.4, 3776500.6, 3776509.7, 3776518.9, 3776528.1, 3776537.2, 3776546.4, 3776555.5, 3776564.7, 3776573.9,
3776583.0,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 418343.61	418360.94	418378.27	418395.60	418412.93	418430.26	418447.59	418464.92	418482.25
3776583.02	193.90	194.10	194.20	194.50	194.80	195.00	195.10	195.30	195.50

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  3776573.86 |        193.80       194.10       194.20       194.40       194.70
  195.00       195.10       195.20       195.50
  3776564.70 |        193.80       194.00       194.10       194.40       194.70
  195.00       195.00       195.20       195.40
  3776555.54 |        193.70       194.00       194.00       194.30       194.60
  194.90       195.00       195.10       195.40
  3776546.38 |        193.70       193.90       194.00       194.20       194.60
  194.90       195.00       195.10       195.30
  3776537.22 |        193.60       193.90       193.90       194.20       194.50
  194.90       194.90       195.10       195.30
  3776528.06 |        193.50       193.80       193.80       194.10       194.40
  194.80       194.90       195.00       195.30
  3776518.90 |        193.50       193.70       193.80       194.00       194.40
  194.80       194.80       195.00       195.30
  3776509.74 |        193.40       193.70       193.70       194.00       194.30
  194.70       194.80       195.00       195.20
  3776500.58 |        193.30       193.60       193.70       193.90       194.20
  194.70       194.70       194.90       195.20
  3776491.42 |        193.20       193.50       193.60       193.80       194.10
  194.60       194.70       194.90       195.10
  3776482.26 |        193.10       193.40       193.50       193.70       194.10
  194.50       194.70       194.80       195.10
  3776473.10 |        193.00       193.30       193.40       193.60       194.00
  194.50       194.60       194.80       195.00
  3776463.94 |        193.00       193.30       193.40       193.60       194.00
  194.50       194.60       194.70       195.00
  3776454.78 |        192.90       193.20       193.30       193.50       193.90
  194.40       194.50       194.70       194.90
  3776445.62 |        192.80       193.20       193.20       193.50       193.90
  194.40       194.50       194.60       194.80
  3776436.46 |        192.70       193.00       193.10       193.40       193.80
  194.30       194.40       194.50       194.80
  3776427.30 |        192.60       192.90       193.00       193.30       193.80
  194.30       194.30       194.40       194.70
  3776418.14 |        192.50       192.80       192.90       193.30       193.70
  194.20       194.20       194.30       194.60
  3776408.98 |        192.30       192.70       192.80       193.20       193.60
  194.00       194.10       194.20       194.50
  3776399.82 |        192.20       192.50       192.60       193.00       193.40
  193.80       193.90       194.10       194.40
↑ *** AERMOD - VERSION 24142  ***   *** C:\Users\cpaludi\OneDrive -
Dudek\Desktop\HRA\Delaney Square\Delaney ***        10/22/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:40:04

                                  PAGE  56
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                  *** NETWORK ID: UCART2   ;  NETWORK TYPE: GRIDCART
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* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 418499.58	418516.91	418534.24	418551.57	418568.90	418586.23	418603.56	418620.89	418638.22
3776583.02	195.90	196.20	196.40	196.70	196.90	197.30	197.40	197.70	198.00
3776573.86	195.90	196.20	196.40	196.60	196.90	197.20	197.40	197.60	197.90
3776564.70	195.80	196.10	196.40	196.60	196.80	197.20	197.30	197.50	197.80
3776555.54	195.80	196.10	196.30	196.50	196.80	197.10	197.30	197.50	197.80
3776546.38	195.80	196.10	196.30	196.50	196.80	197.10	197.30	197.50	197.70
3776537.22	195.80	196.10	196.30	196.40	196.70	197.10	197.20	197.40	197.70
3776528.06	195.70	196.00	196.20	196.40	196.70	197.10	197.20	197.40	197.60
3776518.90	195.70	196.00	196.20	196.40	196.70	197.00	197.10	197.30	197.60
3776509.74	195.70	195.90	196.10	196.30	196.60	197.00	197.10	197.30	197.50
3776500.58	195.60	195.90	196.10	196.30	196.60	196.90	197.10	197.30	197.50
3776491.42	195.60	195.90	196.00	196.20	196.50	196.90	197.10	197.20	197.50
3776482.26	195.60	195.80	196.00	196.10	196.50	196.90	197.10	197.20	197.50
3776473.10	195.50	195.80	195.90	196.10	196.50	196.90	197.10	197.20	197.40
3776463.94	195.50	195.70	195.90	196.00	196.40	196.90	197.00	197.20	197.40
3776454.78	195.40	195.70	195.80	196.00	196.40	196.80	197.00	197.20	197.40
3776445.62	195.30	195.60	195.80	195.90	196.30	196.80	197.00	197.20	197.40
3776436.46	195.30	195.60	195.70	195.90	196.30	196.70	196.90	197.10	197.40
3776427.30	195.20	195.50	195.70	195.80	196.20	196.60	196.80	197.10	197.30
3776418.14	195.10	195.50	195.60	195.80	196.10	196.60	196.70	197.00	197.30
3776408.98	195.00	195.30	195.60	195.70	196.10	196.40	196.60	196.90	197.30
3776399.82	194.90	195.20	195.40	195.60	196.00				

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  196.30       196.50       196.80       197.20
↑ *** AERMOD - VERSION 24142  ***   *** C:\Users\cpaludi\OneDrive -
Dudek\Desktop\HRA\Delaney Square\Delaney ***        10/22/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:40:04

                                  PAGE  57
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                  *** NETWORK ID: UCART2   ;  NETWORK TYPE: GRIDCART
***

                                                * ELEVATION HEIGHTS IN METERS *

    Y-COORD  |                                                 X-COORD (METERS)
    (METERS) |     418655.55    418672.88    418690.21
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

  3776583.02 |        198.40       198.80       199.10
  3776573.86 |        198.30       198.60       199.00
  3776564.70 |        198.20       198.50       198.80
  3776555.54 |        198.10       198.40       198.80
  3776546.38 |        198.10       198.40       198.70
  3776537.22 |        198.00       198.30       198.60
  3776528.06 |        198.00       198.30       198.60
  3776518.90 |        197.90       198.20       198.50
  3776509.74 |        197.80       198.10       198.50
  3776500.58 |        197.80       198.10       198.40
  3776491.42 |        197.80       198.10       198.40
  3776482.26 |        197.90       198.10       198.40
  3776473.10 |        197.90       198.20       198.40
  3776463.94 |        197.90       198.20       198.40
  3776454.78 |        197.90       198.20       198.40
  3776445.62 |        198.00       198.20       198.40
  3776436.46 |        197.90       198.20       198.40
  3776427.30 |        197.80       198.10       198.30
  3776418.14 |        197.80       198.00       198.30
  3776408.98 |        197.70       198.00       198.20
  3776399.82 |        197.60       197.90       198.10
↑ *** AERMOD - VERSION 24142  ***   *** C:\Users\cpaludi\OneDrive -
Dudek\Desktop\HRA\Delaney Square\Delaney ***        10/22/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:40:04

                                  PAGE  58
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                  *** NETWORK ID: UCART2   ;  NETWORK TYPE: GRIDCART
***
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* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 418343.61	418360.94	418378.27	418395.60	418412.93	418430.26	418447.59	418464.92	418482.25
3776583.02	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90
3776573.86	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90
3776564.70	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90
3776555.54	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90
3776546.38	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90
3776537.22	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90
3776528.06	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90
3776518.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90
3776509.74	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90
3776500.58	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90
3776491.42	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90
3776482.26	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90
3776473.10	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90
3776463.94	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90
3776454.78	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90
3776445.62	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90
3776436.46	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90
3776427.30	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90
3776418.14	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90
3776408.98	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90
3776399.82	3066.90	3066.90	3066.90	3066.90	3066.90				

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 418499.58	418516.91	418534.24	418551.57	418568.90	418586.23	418603.56	418620.89	418638.22
3776583.02	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90
3776573.86	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90
3776564.70	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90
3776555.54	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90
3776546.38	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90
3776537.22	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90
3776528.06	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90
3776518.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90
3776509.74	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90
3776500.58	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90
3776491.42	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90
3776482.26	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90
3776473.10	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90
3776463.94	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90
3776454.78	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90	3066.90

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  3776445.62 |       3066.90      3066.90      3066.90      3066.90      3066.90
 3066.90      3066.90      3066.90      3066.90
  3776436.46 |       3066.90      3066.90      3066.90      3066.90      3066.90
 3066.90      3066.90      3066.90      3066.90
  3776427.30 |       3066.90      3066.90      3066.90      3066.90      3066.90
 3066.90      3066.90      3066.90      3066.90
  3776418.14 |       3066.90      3066.90      3066.90      3066.90      3066.90
 3066.90      3066.90      3066.90      3066.90
  3776408.98 |       3066.90      3066.90      3066.90      3066.90      3066.90
 3066.90      3066.90      3066.90      3066.90
  3776399.82 |       3066.90      3066.90      3066.90      3066.90      3066.90
 3066.90      3066.90      3066.90      3066.90
```



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                                                 * HILL HEIGHT SCALES IN METERS *

    Y-COORD  |                                                 X-COORD (METERS)
    (METERS) |     418655.55    418672.88    418690.21
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

  3776583.02 |       3066.90      3066.90      3066.90
  3776573.86 |       3066.90      3066.90      3066.90
  3776564.70 |       3066.90      3066.90      3066.90
  3776555.54 |       3066.90      3066.90      3066.90
  3776546.38 |       3066.90      3066.90      3066.90
  3776537.22 |       3066.90      3066.90      3066.90
  3776528.06 |       3066.90      3066.90      3066.90
  3776518.90 |       3066.90      3066.90      3066.90
  3776509.74 |       3066.90      3066.90      3066.90
  3776500.58 |       3066.90      3066.90      3066.90
  3776491.42 |       3066.90      3066.90      3066.90
  3776482.26 |       3066.90      3066.90      3066.90
  3776473.10 |       3066.90      3066.90      3066.90
  3776463.94 |       3066.90      3066.90      3066.90
  3776454.78 |       3066.90      3066.90      3066.90
  3776445.62 |       3066.90      3066.90      3066.90
  3776436.46 |       3066.90      3066.90      3066.90
  3776427.30 |       3066.90      3066.90      3066.90
  3776418.14 |       3066.90      3066.90      3066.90
  3776408.98 |       3066.90      3066.90      3066.90
```

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(417940.9, 3776411.4, 187.2, 3045.5, 0.0); (417957.7, 3776412.1, 187.3, 3045.5, 0.0);
(417973.0, 3776412.4, 187.4, 3045.5, 0.0); (417990.4, 3776412.1, 187.5, 3045.5, 0.0);
(418009.3, 3776412.4, 187.6, 3045.5, 0.0); (418022.8, 3776412.8, 187.7, 3045.5, 0.0);
(418062.0, 3776417.1, 188.3, 3066.9, 0.0); (418081.9, 3776410.3, 188.6, 3066.9, 0.0);
(418108.2, 3776410.3, 188.9, 3066.9, 0.0); (417940.2, 3776440.6, 187.2, 3045.5, 0.0);
(417953.0, 3776440.6, 187.3, 3045.5, 0.0); (417978.7, 3776442.7, 187.5, 3045.5, 0.0);
(417995.8, 3776443.8, 187.7, 3045.5, 0.0); (418010.7, 3776443.8, 187.8, 3045.5, 0.0);
(418029.9, 3776439.8, 187.9, 3066.9, 0.0); (418065.2, 3776441.6, 188.5, 3066.9, 0.0);
(418086.2, 3776435.6, 188.8, 3066.9, 0.0); (418111.4, 3776443.8, 189.2, 3066.9, 0.0);
(418114.3, 3776454.8, 189.3, 3066.9, 0.0); (418109.3, 3776466.5, 189.3, 3066.9, 0.0);
(418109.0, 3776492.2, 189.5, 3066.9, 0.0); (418083.0, 3776494.3, 189.1, 3066.9, 0.0);
(418068.0, 3776494.0, 188.9, 3066.9, 0.0); (418027.1, 3776490.4, 188.1, 3066.9, 0.0);
(418008.9, 3776491.1, 188.1, 3066.9, 0.0); (417991.1, 3776490.0, 187.9, 3066.9, 0.0);
(417976.2, 3776488.3, 187.7, 3045.5, 0.0); (417959.8, 3776490.0, 187.6, 3045.5, 0.0);
(417937.4, 3776491.5, 187.4, 3045.5, 0.0); (417995.4, 3776523.1, 188.4, 3066.9, 0.0);
(418012.8, 3776522.4, 188.4, 3066.9, 0.0); (418030.6, 3776526.3, 188.5, 3066.9, 0.0);
(418066.6, 3776525.3, 189.0, 3066.9, 0.0); (418085.5, 3776517.4, 189.4, 3066.9, 0.0);
(418110.0, 3776523.9, 189.7, 3066.9, 0.0); (418115.0, 3776534.2, 189.9, 3066.9, 0.0);
(418110.4, 3776547.3, 189.9, 3066.9, 0.0); (418109.3,

3776571.9, 190.1, 3066.9, 0.0);
(418084.0, 3776574.4, 189.7, 3066.9, 0.0); (418068.4, 3776568.0, 189.4, 3066.9, 0.0);
(418049.5, 3776567.3, 189.1, 3066.9, 0.0); (418029.6, 3776567.3, 188.9, 3066.9, 0.0);
(418012.8, 3776569.1, 188.8, 3066.9, 0.0); (418102.6, 3776592.1, 190.1, 3066.9, 0.0);
(418071.6, 3776593.2, 189.7, 3066.9, 0.0); (418037.9, 3776597.6, 189.4, 3066.9, 0.0);
(418042.5, 3776624.7, 189.5, 3066.9, 0.0); (418074.2, 3776638.0, 189.9, 3066.9, 0.0);
(418065.7, 3776611.5, 189.7, 3066.9, 0.0); (418100.6, 3776611.5, 190.2, 3066.9, 0.0);
(418101.3, 3776631.9, 190.3, 3066.9, 0.0); (418102.0, 3776647.2, 190.4, 3066.9, 0.0);
(418041.9, 3776669.6, 189.7, 3066.9, 0.0); (418042.7, 3776692.5, 190.0, 3066.9, 0.0);
(418067.1, 3776694.3, 190.3, 3066.9, 0.0); (418079.2, 3776669.6, 190.1, 3066.9, 0.0);
(418152.1, 3776594.1, 191.1, 3066.9, 0.0); (418152.7, 3776613.5, 191.3, 3066.9, 0.0);
(418152.4, 3776632.5, 191.5, 3066.9, 0.0); (418168.7, 3776594.1, 191.3, 3066.9, 0.0);
(418184.8, 3776594.4, 191.4, 3066.9, 0.0); (418205.3, 3776592.9, 191.7, 3066.9, 0.0);
(418205.3, 3776611.7, 191.8, 3066.9, 0.0); (418227.1, 3776615.6, 192.1, 3066.9, 0.0);
(418242.5, 3776615.3, 192.4, 3066.9, 0.0); (418264.6, 3776616.5, 192.8, 3066.9, 0.0);
(418282.5, 3776615.3, 193.1, 3066.9, 0.0); (418301.2, 3776598.9, 193.2, 3066.9, 0.0);
(418301.0, 3776619.5, 193.4, 3066.9, 0.0); (418301.8, 3776642.2, 193.6, 3066.9, 0.0);
(418302.5, 3776658.3, 193.8, 3066.9, 0.0); (418281.6, 3776648.9, 193.3, 3066.9, 0.0);
(418257.7, 3776649.8, 193.0, 3066.9, 0.0); (418216.2, 3776655.2, 192.4, 3066.9, 0.0);
(418195.9, 3776654.3, 192.2, 3066.9, 0.0); (418185.0, 3776634.0, 191.8, 3066.9, 0.0);
(418176.0, 3776656.1, 191.8, 3066.9, 0.0); (418149.3, 3776656.1, 191.5, 3066.9, 0.0);
(418341.1, 3776618.9, 194.2, 3066.9, 0.0); (418341.5, 3776648.9, 194.4, 3066.9, 0.0);
(418340.8, 3776674.8, 194.5, 3066.9, 0.0); (418341.5, 3776703.0, 194.7, 3066.9, 0.0);
(418342.2, 3776728.6, 194.9, 3066.9, 0.0); (418342.9, 3776756.0, 195.0, 3066.9, 0.0);
(418363.2, 3776615.4, 194.4, 3066.9, 0.0); (418362.5, 3776674.5, 194.6, 3066.9, 0.0);
(418363.2, 3776702.6, 194.9, 3066.9, 0.0); (418365.3,

3776761.0, 195.3, 3066.9, 0.0);
(418383.5, 3776615.0, 194.6, 3066.9, 0.0); (418382.8, 3776646.0, 194.7, 3066.9, 0.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(418383.1, 3776675.9, 194.8, 3066.9, 0.0); (418384.9, 3776703.7, 195.0, 3066.9, 0.0);
(418384.6, 3776729.3, 195.2, 3066.9, 0.0); (418384.9, 3776760.3, 195.6, 3066.9, 0.0);
(418404.9, 3776621.8, 195.2, 3066.9, 0.0); (418428.0, 3776620.0, 195.2, 3066.9, 0.0);
(418424.1, 3776657.8, 195.6, 3066.9, 0.0); (418446.9, 3776662.0, 195.8, 3066.9, 0.0);
(418491.4, 3776621.4, 196.1, 3066.9, 0.0); (418493.5, 3776650.6, 196.3, 3066.9, 0.0);
(418492.5, 3776675.9, 196.5, 3066.9, 0.0); (418493.2, 3776705.5, 196.7, 3066.9, 0.0);
(418492.1, 3776723.6, 196.8, 3066.9, 0.0); (418493.9, 3776755.0, 197.2, 3066.9, 0.0);
(418419.8, 3776719.7, 195.7, 3066.9, 0.0); (418445.1, 3776719.7, 196.0, 3066.9, 0.0);
(418422.0, 3776753.9, 196.2, 3066.9, 0.0); (418542.6, 3776623.6, 197.0, 3066.9, 0.0);
(418573.6, 3776623.9, 197.5, 3066.9, 0.0); (418601.0, 3776623.9, 197.9, 3066.9, 0.0);
(418546.6, 3776716.1, 198.0, 3066.9, 0.0); (418547.3, 3776744.3, 198.2, 3066.9, 0.0);
(418565.4, 3776744.3, 198.5, 3066.9, 0.0); (418564.4, 3776715.4, 198.3, 3066.9, 0.0);
(418602.1, 3776744.6, 199.2, 3066.9, 0.0); (418601.8, 3776716.9, 199.0, 3066.9, 0.0);
(418625.6, 3776746.4, 199.6, 3066.9, 0.0); (418624.2, 3776711.9, 199.4, 3066.9, 0.0);
(418653.7, 3776625.0, 199.0, 3066.9, 0.0); (418685.1, 3776625.4, 199.6, 3066.9, 0.0);
(418704.5, 3776625.7, 199.9, 3066.9, 0.0);

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***

(1=YES; 0=NO)

```
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
```

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***

(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

```
   Surface file:   SCAQMD Met Data Azusa\AZUS_V11_trimmed.sfc
                 Met Version:  22112
   Profile file:   SCAQMD Met Data Azusa\AZUS_V11_trimmed.PFL
```

Surface format: FREE

Profile format: FREE

Surface station no.: 3179 Upper air station no.: 3190
Name: AZUSA Name: UNKNOWN

Year: 2017 Year: 2017

First 24 hours of scalar data

```
 YR MO DY JDY HR     H0     U*     W*  DT/DZ ZICNV ZIMCH  M-O LEN    Z0  BOWEN
ALBEDO  REF WS   WD     HT  REF TA     HT
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - -
 17 01 01   1 01  -11.3  0.154 -9.000 -9.000 -999.  145.     28.6  0.34   0.75
1.00    1.36   97.   10.0  281.4    9.5
 17 01 01   1 02   -5.9  0.110 -9.000 -9.000 -999.   88.     20.0  0.29   0.75
1.00    1.05   88.   10.0  281.0    9.5
 17 01 01   1 03   -6.6  0.117 -9.000 -9.000 -999.   95.     21.1  0.29   0.75
1.00    1.11   69.   10.0  280.5    9.5
 17 01 01   1 04   -6.9  0.119 -9.000 -9.000 -999.   99.     21.7  0.33   0.75
1.00    1.08  132.   10.0  279.8    9.5
 17 01 01   1 05   -4.1  0.091 -9.000 -9.000 -999.   66.     16.1  0.17   0.75
1.00    1.00  314.   10.0  279.5    9.5
 17 01 01   1 06  -18.0  0.193 -9.000 -9.000 -999.  204.     41.0  0.21   0.75
1.00    1.96   35.   10.0  279.8    9.5
 17 01 01   1 07  -10.5  0.147 -9.000 -9.000 -999.  136.     27.0  0.29   0.75
1.00    1.38   80.   10.0  279.6    9.5
 17 01 01   1 08   -6.3  0.118 -9.000 -9.000 -999.   97.     22.9  0.29   0.75
0.55    1.12   74.   10.0  279.4    9.5
 17 01 01   1 09   25.4  0.209  0.420  0.005  103.  230.    -31.8  0.29   0.75
0.32    1.55   70.   10.0  282.2    9.5
 17 01 01   1 10   64.6  0.296  1.020  0.005  581.  386.    -35.4  0.33   0.75
0.25    2.13  126.   10.0  283.6    9.5
 17 01 01   1 11   91.0  0.325  1.350  0.005  956.  444.    -33.2  0.33   0.75
0.22    2.32  130.   10.0  284.1    9.5
 17 01 01   1 12   87.8  0.248  1.393  0.005 1087.  299.    -15.3  0.32   0.75
0.21    1.62  152.   10.0  285.1    9.5
 17 01 01   1 13  103.2  0.182  1.514  0.005 1188.  187.     -5.1  0.33   0.75
0.21    0.97  144.   10.0  286.1    9.5
 17 01 01   1 14   74.8  0.225  1.385  0.005 1256.  255.    -13.4  0.23   0.75
0.22    1.61  214.   10.0  286.9    9.5
 17 01 01   1 15   50.9  0.150  1.233  0.005 1300.  142.     -5.9  0.07   0.75
0.26    1.37  273.   10.0  286.7    9.5
 17 01 01   1 16    1.2  0.122  0.356  0.005 1300.  102.   -130.2  0.23   0.75
0.35    1.08  210.   10.0  286.6    9.5
 17 01 01   1 17  -13.1  0.175 -9.000 -9.000 -999.  176.     36.0  0.32   0.75
0.62    1.55  172.   10.0  286.3    9.5
 17 01 01   1 18  -13.7  0.171 -9.000 -9.000 -999.  169.     32.2  0.32   0.75
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1.00    1.53  179.   10.0  285.8    9.5
 17 01 01   1 19   -9.0  0.136 -9.000 -9.000 -999.  121.     24.7  0.23   0.75
1.00    1.38  215.   10.0  285.4    9.5
 17 01 01   1 20   -3.7  0.086 -9.000 -9.000 -999.   61.     14.9  0.12   0.75
1.00    1.03  259.   10.0  285.0    9.5
 17 01 01   1 21   -1.8  0.070 -9.000 -9.000 -999.   44.     16.4  0.16   0.75
1.00    0.58  349.   10.0  284.9    9.5
 17 01 01   1 22   -3.4  0.086 -9.000 -9.000 -999.   61.     16.6  0.29   0.75
1.00    0.78   61.   10.0  284.8    9.5
 17 01 01   1 23  -14.0  0.170 -9.000 -9.000 -999.  168.     31.8  0.21   0.75
1.00    1.74   43.   10.0  284.2    9.5
 17 01 01   1 24  -21.5  0.220 -9.000 -9.000 -999.  248.     53.3  0.21   0.75
1.00    2.22   43.   10.0  283.9    9.5


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 17 01 01 01    9.5 0 -999.  -99.00   281.4   99.0  -99.00  -99.00
 17 01 01 01   10.0 1   97.    1.36  -999.0   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\cpaludi\OneDrive -
Dudek\Desktop\HRA\Delaney Square\Delaney ***        10/22/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:40:04

                                 PAGE  65
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                 INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                  *** NETWORK ID: UCART1   ;  NETWORK TYPE:
GRIDCART ***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

    Y-COORD  |                                              X-COORD (METERS)
    (METERS) |     417936.62    417974.76    418012.90    418051.04    418089.18
418127.32    418165.46    418203.60    418241.74
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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- - - - - - - - - - - - - - - - - - - - - - - - -

  3776361.96 |       2.25077      2.90489      3.88464      5.43827      8.06454
12.12705     15.71782     17.37647     17.43586
  3776343.87 |       2.15333      2.74239      3.59276      4.85802      6.76016
 9.21701     11.29595     12.29650     12.19668
  3776325.78 |       2.05249      2.57914      3.31030      4.33527      5.73052
 7.32498      8.63345      9.25683      9.10678
  3776307.69 |       1.95100      2.41794      3.04333      3.87069      4.91000
 6.00028      6.86691      7.26100      7.11418
  3776289.60 |       1.85111      2.26311      2.79518      3.46412      4.25162
 5.02473      5.61792      5.87370      5.73999
  3776271.51 |       1.75344      2.11552      2.56720      3.10989      3.71431
 4.28010      4.69709      4.86335      4.74592
  3776253.42 |       1.65893      1.97625      2.35939      2.80151      3.27121
 3.69396      3.99304      4.10022      3.99956
  3776235.33 |       1.56825      1.84582      2.17022      2.53190      2.90065
 3.22162      3.43846      3.50879      3.42191
  3776217.24 |       1.48224      1.72486      2.00048      2.29794      2.59093
 2.83721      2.99778      3.04244      2.96622
  3776199.15 |       1.40065      1.61261      1.84713      2.09289      2.32754
 2.51911      2.63789      2.66524      2.59891
  3776181.06 |       1.32289      1.50836      1.70821      1.91207      2.10076
 2.25060      2.33955      2.35523      2.29721
  3776162.97 |       1.25008      1.41215      1.58280      1.75218      1.90528
 2.02287      2.08987      2.09715      2.04727
  3776144.88 |       1.18144      1.32313      1.46951      1.61074      1.73526
 1.82851      1.87870      1.88061      1.83689
  3776126.79 |       1.11772      1.24176      1.36704      1.48596      1.58812
 1.66248      1.70038      1.69889      1.65976
  3776108.70 |       1.05808      1.16652      1.27421      1.37474      1.45894
 1.51852      1.54741      1.54358      1.50864
  3776090.61 |       1.00162      1.09695      1.19000      1.27470      1.34467
 1.39259      1.41432      1.40877      1.37755
  3776072.52 |       0.94914      1.03286      1.11320      1.18501      1.24315
 1.28208      1.29855      1.29162      1.26362
  3776054.43 |       0.90057      0.97422      1.04353      1.10460      1.15331
 1.18456      1.19696      1.18915      1.16426
  3776036.34 |       0.85483      0.91968      0.97977      1.03205      1.07301
 1.09788      1.10732      1.09881      1.07648
  3776018.25 |       0.81196      0.86913      0.92150      0.96661      1.00095
 1.02087      1.02748      1.01887      0.99878
  3776000.16 |       0.77211      0.82259      0.86817      0.90684      0.93537
 0.95161      0.95619      0.94779      0.92929
↑ *** AERMOD - VERSION 24142  ***   *** C:\Users\cpaludi\OneDrive -
Dudek\Desktop\HRA\Delaney Square\Delaney ***        10/22/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:40:04
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE:
GRIDCART ***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                   **

    Y-COORD  |                                                X-COORD (METERS)
    (METERS) |     418279.88    418318.02    418356.16    418394.30    418432.44
418470.58    418508.72    418546.86    418585.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

  3776361.96 |      15.55525     11.30987      7.64832      5.48969      4.13867
 3.24528      2.61196      2.13953      1.79223
  3776343.87 |      10.86539      8.44465      6.19964      4.65929      3.61768
 2.89506      2.36102      1.94833      1.64298
  3776325.78 |       8.16530      6.63512      5.14527      4.01398      3.19284
 2.59990      2.14740      1.78521      1.52109
  3776307.69 |       6.43585      5.40380      4.36422      3.50325      2.84690
 2.35127      1.96260      1.65417      1.41318
  3776289.60 |       5.24016      4.50862      3.75105      3.08727      2.55478
 2.13719      1.80441      1.53615      1.32521
  3776271.51 |       4.36897      3.83019      3.25897      2.73586      2.30131
 1.95249      1.66515      1.43271      1.23689
  3776253.42 |       3.70941      3.30205      2.86163      2.44548      2.08572
 1.79142      1.54255      1.34024      1.16141
  3776235.33 |       3.19514      2.88003      2.53492      2.20048      1.90027
 1.65069      1.43444      1.25724      1.09746
  3776217.24 |       2.78504      2.53604      2.26055      1.98903      1.73817
 1.52481      1.33684      1.18128      1.03937
  3776199.15 |       2.45198      2.25208      2.02912      1.80448      1.59556
 1.41247      1.24940      1.11053      0.98825
  3776181.06 |       2.17744      2.01493      1.83207      1.64622      1.46945
 1.31245      1.17063      1.04635      0.93795
  3776162.97 |       1.94814      1.81450      1.66330      1.50846      1.35815
 1.22167      1.09823      0.98741      0.88919
  3776144.88 |       1.75429      1.64353      1.51746      1.38708      1.25814
```

```
 1.13967      1.03152      0.93147      0.84270
  3776126.79 |       1.58960      1.49636      1.39014      1.27903      1.16912
 1.06539      0.97041      0.88030      0.79993
  3776108.70 |       1.44817      1.36882      1.27844      1.18324      1.08862
 0.99793      0.91394      0.83269      0.75963
  3776090.61 |       1.32524      1.25749      1.18026      1.09867      1.01697
 0.93721      0.86205      0.78957      0.72364
  3776072.52 |       1.21814      1.15975      1.09323      1.02275      0.95157
 0.88155      0.81428      0.74925      0.68953
  3776054.43 |       1.12399      1.07350      1.01573      0.95425      0.89193
 0.82993      0.77023      0.71180      0.65784
  3776036.34 |       1.04099      0.99690      0.94646      0.89264      0.83775
 0.78267      0.72935      0.67696      0.62816
  3776018.25 |       0.96710      0.92859      0.88427      0.83692      0.78842
 0.73934      0.69177      0.64473      0.60053
  3776000.16 |       0.90131      0.86717      0.82817      0.78652      0.74344
 0.69978      0.65695      0.61467      0.57441
```



```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE:
GRIDCART ***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

    Y-COORD  |                                              X-COORD (METERS)
    (METERS) |     418623.14    418661.28    418699.42
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

  3776361.96 |       1.51658      1.29054      1.11925
  3776343.87 |       1.39915      1.19031      1.03169
  3776325.78 |       1.30276      1.11421      0.96035
```

```
  3776307.69 |       1.21789      1.05127      0.89695
  3776289.60 |       1.13865      0.99696      0.84403
  3776271.51 |       1.06239      0.94105      0.79405
  3776253.42 |       0.99745      0.89133      0.75577
  3776235.33 |       0.94268      0.84557      0.72335
  3776217.24 |       0.90494      0.80856      0.69035
  3776199.15 |       0.87067      0.77409      0.66930
  3776181.06 |       0.83691      0.74335      0.64306
  3776162.97 |       0.80275      0.71457      0.62449
  3776144.88 |       0.76380      0.68263      0.60400
  3776126.79 |       0.72824      0.65573      0.58772
  3776108.70 |       0.69571      0.62934      0.56815
  3776090.61 |       0.66455      0.60688      0.54839
  3776072.52 |       0.63597      0.58430      0.53165
  3776054.43 |       0.60848      0.56134      0.51395
  3776036.34 |       0.58324      0.54088      0.49615
  3776018.25 |       0.55902      0.51978      0.47953
  3776000.16 |       0.53634      0.50033      0.46222
 *** AERMOD - VERSION 24142  ***   *** C:\Users\cpaludi\OneDrive -
Dudek\Desktop\HRA\Delaney Square\Delaney ***        10/22/25
 *** AERMET - VERSION  22112 ***   ***
                      ***       13:40:04

                                PAGE  68
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                 *** NETWORK ID: UCART2   ;  NETWORK TYPE:
GRIDCART ***

                                      ** CONC OF PM_10    IN MICROGRAMS/M**3
                   **

    Y-COORD  |                                              X-COORD (METERS)
    (METERS) |     418343.61    418360.94    418378.27    418395.60    418412.93
418430.26    418447.59    418464.92    418482.25
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

  3776583.02 |      19.38051     15.87311     13.31560     11.38958      9.90848
```

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 8.71493      7.73055      6.92955      6.25724
  3776573.86 |      21.24152     17.03644     14.09842     11.92361     10.28787
 9.00882      7.94759      7.06002      6.37473
  3776564.70 |      22.79468     18.03334     14.76997     12.39481     10.62689
 9.25435      8.09326      7.18697      6.44000
  3776555.54 |      24.01217     18.83714     15.32472     12.77702     10.87281
 9.43226      8.22853      7.25845      6.49879
  3776546.38 |      24.93039     19.46490     15.75427     13.07138     11.07772
 9.57164      8.31988      7.31411      6.50265
  3776537.22 |      25.62469     19.92495     16.07252     13.28107     11.21145
 9.65625      8.35242      7.33285      6.50094
  3776528.06 |      26.12242     20.25163     16.28443     13.40579     11.26036
 9.66652      8.35515      7.28964      6.46847
  3776518.90 |      26.43271     20.45171     16.39106     13.45726     11.26628
 9.64474      8.29719      7.23703      6.40586
  3776509.74 |      26.60639     20.52357     16.40939     13.42700     11.20704
 9.54930      8.21500      7.14939      6.29016
  3776500.58 |      26.63925     20.49300     16.32886     13.32709     11.08677
 9.42523      8.07233      7.01747      6.17244
  3776491.42 |      26.53524     20.35085     16.16397     13.15291     10.90649
 9.22683      7.91030      6.86530      6.01845
  3776482.26 |      26.29264     20.09462     15.90617     12.90424     10.66882
 9.00666      7.71087      6.67481      5.85324
  3776473.10 |      25.90394     19.71852     15.55261     12.58069     10.37825
 8.74284      7.45673      6.46800      5.65521
  3776463.94 |      25.34033     19.20290     15.09180     12.17604     10.02669
 8.43701      7.19301      6.22515      5.45336
  3776454.78 |      24.61531     18.56065     14.53689     11.70429      9.62814
 8.07805      6.90279      5.97632      5.23180
  3776445.62 |      23.68677     17.75811     13.87934     11.15632      9.17709
 7.70388      6.59013      5.69920      5.00321
  3776436.46 |      22.52461     16.82343     13.12332     10.55339      8.69267
 7.30556      6.25024      5.42703      4.77061
  3776427.30 |      21.09939     15.72296     12.28033      9.90095      8.17343
 6.88961      5.91365      5.13947      4.52897
  3776418.14 |      19.39640     14.48691     11.37164      9.20800      7.64398
 6.46743      5.57389      4.86152      4.28782
  3776408.98 |      17.46336     13.15859     10.42832      8.51071      7.11198
 6.05218      5.23728      4.58711      4.05993
  3776399.82 |      15.38310     11.82004      9.49815      7.83157      6.59730
 5.65068      4.91674      4.32021      3.83294
 *** AERMOD - VERSION 24142  ***   *** C:\Users\cpaludi\OneDrive -
Dudek\Desktop\HRA\Delaney Square\Delaney ***        10/22/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:40:04

                                 PAGE  69
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
```

VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 418499.58	418516.91	418534.24	418551.57	418568.90	418586.23	418603.56	418620.89	418638.22
3776583.02	5.75905	5.34071	4.93365	4.65675	4.35368	4.11550	3.82205	3.58379	3.35417
3776573.86	5.84471	5.40161	4.97734	4.64672	4.36862	4.09467	3.81365	3.54899	3.32392
3776564.70	5.88344	5.38652	5.00113	4.65761	4.32655	4.08103	3.77210	3.50988	3.28120
3776555.54	5.91745	5.40209	4.96771	4.61385	4.30896	4.02465	3.73769	3.47049	3.23720
3776546.38	5.92467	5.39446	4.95073	4.58824	4.27489	3.98264	3.69012	3.41963	3.17450
3776537.22	5.90502	5.36372	4.91359	4.47662	4.19475	3.92615	3.61554	3.34790	3.11234
3776528.06	5.79943	5.27499	4.81127	4.41806	4.13105	3.85587	3.54516	3.27729	3.03282
3776518.90	5.73006	5.20140	4.73513	4.34344	4.05279	3.75735	3.44783	3.18738	2.95584
3776509.74	5.63655	5.07731	4.60147	4.22254	3.93377	3.66415	3.35911	3.10099	2.86680
3776500.58	5.50026	4.96509	4.49460	4.12051	3.83210	3.54702	3.26170	3.00749	2.77805
3776491.42	5.36448	4.83562	4.34839	3.96569	3.69567	3.43632	3.15687	2.90218	2.68453
3776482.26	5.20997	4.67851	4.21708	3.81398	3.57641	3.31801	3.04594	2.79933	2.58731
3776473.10	5.03271	4.52209	4.05324	3.68545	3.44965	3.19364	2.93031	2.69289	2.48549
3776463.94	4.84903	4.32465	3.90493	3.53393	3.28530	3.06480	2.80716	2.58407	2.38495

```
  3776454.78 |       4.64527      4.15361      3.74325      3.39631      3.15357
 2.92594      2.68778      2.47406      2.28381
  3776445.62 |       4.44052      3.96749      3.58608      3.24124      3.00502
 2.79549      2.56775      2.36400      2.18303
  3776436.46 |       4.23658      3.78934      3.41054      3.10137      2.87245
 2.66273      2.44777      2.25614      2.08351
  3776427.30 |       4.02502      3.60856      3.25495      2.95885      2.72115
 2.53255      2.33068      2.15014      1.98780
  3776418.14 |       3.82264      3.43194      3.09682      2.82224      2.58796
 2.40979      2.21928      2.04814      1.89367
  3776408.98 |       3.62460      3.25789      2.94745      2.68265      2.46665
 2.28466      2.11210      1.95113      1.80279
  3776399.82 |       3.43341      3.09098      2.80194      2.55442      2.34795
 2.17197      2.00994      1.85952      1.71863
 *** AERMOD - VERSION 24142  ***   *** C:\Users\cpaludi\OneDrive -
Dudek\Desktop\HRA\Delaney Square\Delaney ***        10/22/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:40:04

                                 PAGE  70
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                 INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                  *** NETWORK ID: UCART2   ;  NETWORK TYPE:
GRIDCART ***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

    Y-COORD  |                                                X-COORD (METERS)
    (METERS) |     418655.55    418672.88    418690.21
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

  3776583.02 |       3.14318      2.95044      2.76889
  3776573.86 |       3.10940      2.90881      2.73096
  3776564.70 |       3.06653      2.86469      2.68147
  3776555.54 |       3.01509      2.81310      2.63445
  3776546.38 |       2.96068      2.75910      2.57698
  3776537.22 |       2.89371      2.69414      2.51420
```

```
  3776528.06 |       2.82444      2.62740      2.45005
  3776518.90 |       2.74503      2.55194      2.37841
  3776509.74 |       2.66065      2.47261      2.30611
  3776500.58 |       2.57583      2.39274      2.22852
  3776491.42 |       2.48726      2.30987      2.15104
  3776482.26 |       2.39747      2.22484      2.07189
  3776473.10 |       2.30370      2.13967      1.99179
  3776463.94 |       2.20904      2.05239      1.91146
  3776454.78 |       2.11439      1.96536      1.83153
  3776445.62 |       2.02073      1.87928      1.75262
  3776436.46 |       1.92829      1.79479      1.67527
  3776427.30 |       1.83944      1.71286      1.60034
  3776418.14 |       1.75249      1.63401      1.52766
  3776408.98 |       1.67122      1.55772      1.45850
  3776399.82 |       1.59469      1.48570      1.39265
```



```
                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
         417940.94    3776411.38        2.55962                      417957.67
3776412.09        2.89582
         417972.97    3776412.44        3.26550                      417990.41
3776412.09        3.77826
         418009.28    3776412.44        4.49729                      418022.81
3776412.80        5.15756
```

418061.96 3776417.07 8.45326 418081.89
3776410.31 11.15721
418108.23 3776410.31 19.68500 417940.22
3776440.56 2.64551
417953.04 3776440.56 2.91296 417978.67
3776442.70 3.60240
417995.75 3776443.77 4.21439 418010.70
3776443.77 4.88881
418029.92 3776439.85 5.99664 418065.16
3776441.63 9.71039
418086.16 3776435.58 13.81110 418111.44
3776443.77 26.36826
418114.29 3776454.80 29.53806 418109.30
3776466.55 25.80170
418108.95 3776492.18 25.67774 418082.96
3776494.31 14.03104
418068.01 3776493.96 10.72909 418027.08
3776490.40 6.06260
418008.92 3776491.11 4.95124 417991.13
3776490.04 4.14675
417976.18 3776488.26 3.61822 417959.80
3776490.04 3.15008
417937.38 3776491.47 2.64813 417995.40
3776523.15 4.20796
418012.84 3776522.43 5.01027 418030.64
3776526.35 6.05925
418066.59 3776525.28 9.94787 418085.45
3776517.45 14.24417
418110.01 3776523.86 25.24254 418115.00
3776534.18 28.53406
418110.37 3776547.35 23.18531 418109.30
3776571.91 17.87153
418084.03 3776574.40 10.32570 418068.37
3776568.00 8.47865
418049.50 3776567.28 6.62806 418029.57
3776567.28 5.29143
418012.84 3776569.06 4.45006 418102.61
3776592.10 11.62848
418071.57 3776593.19 7.39567 418037.90
3776597.56 4.99260
418042.49 3776624.67 4.43076 418074.19
3776638.00 5.19305
418065.67 3776611.55 5.98367 418100.64
3776611.55 8.71648
418101.30 3776631.88 6.87339 418101.95
3776647.19 5.85339
418041.88 3776669.57 3.32645 418042.66
3776692.46 2.90431
418067.09 3776694.26 3.24012 418079.18
3776669.57 4.14300

```
         418152.07    3776594.11       22.63746                      418152.67
3776613.47       13.86386
         418152.37    3776632.54        9.74353                      418168.71
3776594.11       25.48259
         418184.75    3776594.41       27.21639                      418205.32
3776592.90       30.23706
         418205.32    3776611.66       18.53659                      418227.11
3776615.59       17.69785
         418242.54    3776615.29       18.01778                      418264.63
3776616.50       17.36230
         418282.49    3776615.29       17.17249                      418301.25
3776598.95       22.74166
         418300.95    3776619.52       14.79551                      418301.85
3776642.22       10.06080
         418302.46    3776658.26        7.96272                      418281.58
3776648.88        9.46249
         418257.67    3776649.78        9.52191                      418216.22
3776655.23        8.48731
         418195.94    3776654.32        8.24445                      418185.05
3776634.05       11.02963
         418175.97    3776656.14        7.58980                      418149.34
3776656.14        6.87131
         418341.13    3776618.95       12.20855                      418341.49
3776648.86        8.15544
🡅 *** AERMOD - VERSION 24142  ***   *** C:\Users\cpaludi\OneDrive -
Dudek\Desktop\HRA\Delaney Square\Delaney ***        10/22/25
 *** AERMET - VERSION  22112 ***   ***
                       ***       13:40:04

                                 PAGE  72
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                 INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
```

Y-COORD (M) CONC
- - - -

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 417936.62	417974.76	418012.90	418051.04	418089.18
3776362.0	82.88374 (19113016)	112.63962 (19113016)	151.09980 (19113016)	199.15397 (19113016)	249.23979 (19113016)
3776343.9	88.20639 (19113016)	115.51431 (19113016)	147.79233 (19113016)	181.68281 (19113016)	203.80824 (19113016)
3776325.8	91.17855 (19113016)	114.76895 (19113016)	139.41362 (19113016)	159.50876 (19113016)	163.35469 (19113016)
3776307.7	91.70104 (19113016)	110.65999 (19113016)	127.43077 (19113016)	136.07083 (19113016)	129.37234 (19113016)
3776289.6	89.92133 (19113016)	103.92006 (19113016)	113.45225 (19113016)	113.72779 (19113016)	118.37522 (18050218)
3776271.5	86.12775 (19113016)	95.31299 (19113016)	98.84025 (19113016)	93.58388 (19113016)	110.89350 (18050218)
3776253.4	80.75891 (19113016)	85.63811 (19113016)	84.58107 (19113016)	76.65195 (18050118)	103.67690 (18050218)
3776235.3	74.29550 (19113016)	75.58484 (19113016)	71.28092 (19113016)	74.45980 (18050118)	96.78301 (18050218)
3776217.2	67.21425 (19113016)	65.70614 (19113016)	59.35545 (19113016)	71.77011 (18050118)	90.32827 (18050218)
3776199.2	59.89428 (19113016)	56.35471 (19113016)	52.64594 (18050118)	68.70548 (18050118)	84.23094 (18050218)
3776181.1	52.63492 (19113016)	47.75854 (19113016)	52.29259 (18050118)	65.38441 (18050118)	78.46601 (18050218)
3776163.0	45.71586 (19113016)	43.33117 (19013008)	51.48121 (18050118)	62.02400 (18050218)	73.05692 (18050218)

```
 3776144.9 |     39.67326 (19013008)     40.17494 (19013008)     50.30102 (18050118)
    59.28438 (18050218)     67.98218 (18050218)
 3776126.8 |     37.58524 (19013008)     38.61385 (18050118)     48.83050 (18050118)
    56.52647 (18050218)     63.26067 (18050218)
 3776108.7 |     35.32919 (19013008)     38.53928 (18050118)     47.13753 (18050118)
    53.77258 (18050218)     58.85043 (18050218)
 3776090.6 |     32.89897 (19013008)     38.17350 (18050118)     45.28047 (18050118)
    51.04622 (18050218)     54.73548 (18050218)
 3776072.5 |     30.47616 (19013008)     37.56661 (18050118)     43.30015 (18050118)
    48.38186 (18050218)     50.90476 (18050218)
 3776054.4 |     29.77192 (18050118)     36.77274 (18050118)     41.25862 (18050118)
    45.79952 (18050218)     47.35271 (18050218)
 3776036.3 |     29.78240 (18050118)     35.79794 (18050118)     39.17377 (18050118)
    43.30757 (18050218)     44.05607 (18050218)
 3776018.2 |     29.60284 (18050118)     34.68476 (18050118)     37.36053 (18050218)
    40.91641 (18050218)     40.99953 (18050218)
 3776000.2 |     29.26643 (18050118)     33.47699 (18050118)     35.86589 (18050218)
    38.62607 (18050218)     38.16407 (18050218)
↑ *** AERMOD - VERSION 24142  ***   *** C:\Users\cpaludi\OneDrive -
Dudek\Desktop\HRA\Delaney Square\Delaney ***        10/22/25
 *** AERMET - VERSION  22112 ***   ***
                      ***       13:40:04

                                PAGE  74
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                 *** NETWORK ID: UCART1   ;  NETWORK TYPE:
GRIDCART ***

                                      ** CONC OF PM_10    IN MICROGRAMS/M**3
                   **

  Y-COORD  |                                                 X-COORD (METERS)
  (METERS) |       418127.32              418165.46              418203.60
      418241.74              418279.88
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

 3776362.0 |    258.85736 (18050218)    285.35886 (18050218)    280.18040 (18050218)
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   255.48406 (18050218)    216.28250 (19012817)
 3776343.9 |    222.79747 (18050218)    242.50645 (18050218)    233.78116 (18050218)
   204.30930 (18050218)    164.42294 (19012817)
 3776325.8 |    193.92438 (18050218)    208.21207 (18050218)    196.74280 (18050218)
   163.73901 (18050218)    126.85422 (19012817)
 3776307.7 |    170.82508 (18050218)    180.45141 (18050218)    166.54624 (18050218)
   132.33150 (18050218)     98.69490 (19012817)
 3776289.6 |    151.97131 (18050218)    157.55862 (18050218)    141.98714 (18050218)
   108.27657 (18050218)     79.14650 (21050807)
 3776271.5 |    136.22118 (18050218)    138.43991 (18050218)    121.73213 (18050218)
    89.72887 (18050218)     68.52795 (21050807)
 3776253.4 |    122.70764 (18050218)    122.16492 (18050218)    104.88778 (18050218)
    75.21645 (18050218)     60.92948 (20012917)
 3776235.3 |    110.89061 (18050218)    108.11908 (18050218)     90.84484 (18050218)
    64.45366 (20012917)     55.10178 (20012917)
 3776217.2 |    100.51547 (18050218)     96.07096 (18050218)     79.12864 (18050218)
    58.80702 (20012917)     50.22630 (20012917)
 3776199.2 |     91.29421 (18050218)     85.57170 (18050218)     69.23334 (18050218)
    53.89242 (20012917)     46.07444 (20012917)
 3776181.1 |     83.00613 (18050218)     76.39628 (18050218)     60.83887 (18050218)
    49.56051 (20012917)     42.49661 (20012917)
 3776163.0 |     75.56736 (18050218)     68.37336 (18050218)     53.68892 (18050218)
    45.74545 (20012917)     39.37659 (20012917)
 3776144.9 |     68.88517 (18050218)     61.34123 (18050218)     47.58137 (18050218)
    42.34629 (20012917)     36.62001 (20012917)
 3776126.8 |     62.89246 (18050218)     55.19373 (18050218)     42.36063 (18050218)
    39.34421 (20012917)     34.18076 (20012917)
 3776108.7 |     57.48744 (18050218)     49.78253 (18050218)     37.85274 (18050218)
    36.66211 (20012917)     32.00012 (20012917)
 3776090.6 |     52.60534 (18050218)     44.99866 (18050218)     33.93631 (18050218)
    34.23281 (20012917)     30.03057 (20012917)
 3776072.5 |     48.19665 (18050218)     40.76920 (18050218)     31.45756 (20012917)
    32.03871 (20012917)     28.25026 (20012917)
 3776054.4 |     44.21191 (18050218)     37.01825 (18050218)     29.48057 (20012917)
    30.05568 (20012917)     26.62929 (20012917)
 3776036.3 |     40.60542 (18050218)     33.68386 (18050218)     27.68199 (20012917)
    28.24650 (20012917)     25.15189 (20012917)
 3776018.2 |     37.34116 (18050218)     30.71213 (18050218)     26.04377 (20012917)
    26.59629 (20012917)     23.79468 (20012917)
 3776000.2 |     34.37992 (18050218)     28.05842 (18050218)     24.54740 (20012917)
    25.08133 (20012917)     22.54915 (20012917)
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                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
```

VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 418318.02	418356.16	418394.30	418432.44	418470.58
3776362.0	215.37879 (19012817)	155.12033 (19012817)	112.34592 (19050818)	84.86422 (19050818)	63.60347 (17020717)
3776343.9	171.86236 (19012817)	140.29936 (19012817)	103.56975 (19050818)	83.10465 (19050818)	64.59870 (19050818)
3776325.8	137.95334 (19012817)	123.29319 (19012817)	94.54097 (19012817)	78.37873 (19050818)	63.87365 (19050818)
3776307.7	111.32372 (19012817)	106.29640 (19012817)	87.88949 (19012817)	71.41716 (19050818)	61.25089 (19050818)
3776289.6	90.41266 (19012817)	91.10223 (19012817)	80.16062 (19012817)	64.15952 (19012817)	57.21948 (19050818)
3776271.5	73.81946 (19012817)	77.86519 (19012817)	72.29486 (19012817)	60.82286 (19012817)	52.20273 (19050818)
3776253.4	60.44339 (19012817)	66.30667 (19012817)	64.43713 (19012817)	56.77923 (19012817)	46.66165 (19050818)
3776235.3	51.87789 (18101317)	56.33873 (19012817)	56.97426 (19012817)	52.35215 (19012817)	44.64506 (19012817)
3776217.2	46.45696 (18101317)	47.86497 (19012817)	50.12883 (19012817)	47.80575 (19012817)	42.26338 (19012817)
3776199.2	41.68362 (18101317)	40.63632 (19012817)	43.94975 (19012817)	43.31504 (19012817)	39.59390 (19012817)
3776181.1	37.45729 (18101317)	35.94288 (18101317)	38.52075 (19061019)	38.99915 (19012817)	36.76129 (19012817)
3776163.0	33.70766 (18101317)	33.12544 (18101317)	34.59776 (19061019)	34.93038 (19012817)	33.88678 (19012817)
3776144.9	30.37392 (18101317)	30.50434 (18101317)	30.91143 (19061019)	32.27488 (19061019)	31.04185 (19012817)
3776126.8	27.43855 (21050807)	28.07997 (18101317)	27.57335 (19061019)	29.62448 (19061019)	28.59851 (19061019)

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 3776108.7 |     25.16064 (21050807)     25.84338 (18101317)     24.48516 (19061019)
    27.06734 (19061019)     26.98002 (19061019)
 3776090.6 |     23.12144 (21050807)     23.77633 (18101317)     22.79540 (18101317)
    24.48639 (19061019)     25.17686 (19061019)
 3776072.5 |     21.35359 (20012917)     21.87676 (18101317)     21.37595 (18101317)
    22.09470 (19061019)     23.35098 (19061019)
 3776054.4 |     20.36215 (20012917)     20.13362 (18101317)     20.02075 (18101317)
    19.90101 (19061019)     21.62000 (19061019)
 3776036.3 |     19.44281 (20012917)     18.53468 (18101317)     18.73106 (18101317)
    17.85747 (19061019)     19.90867 (19061019)
 3776018.2 |     18.58674 (20012917)     17.07025 (18101317)     17.51069 (18101317)
    16.55775 (18101317)     18.24332 (19061019)
 3776000.2 |     17.78515 (20012917)     15.73218 (18101317)     16.35779 (18101317)
    15.72377 (18101317)     16.60773 (19061019)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\cpaludi\OneDrive -
Dudek\Desktop\HRA\Delaney Square\Delaney ***        10/22/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:40:04

                                 PAGE  76
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                  *** NETWORK ID: UCART1   ;  NETWORK TYPE:
GRIDCART ***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       418508.72              418546.86              418585.00
      418623.14              418661.28
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3776362.0 |     52.27584 (17020717)     43.73935 (17012708)     46.65816 (18101407)
    56.49820 (18101407)     60.18112 (18101407)
 3776343.9 |     49.52547 (19050818)     41.79866 (17012708)     41.84542 (18101407)
    48.32413 (18101407)     54.80199 (18101407)
 3776325.8 |     50.80387 (19050818)     41.05852 (17012307)     36.60609 (17012708)
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    38.68941 (18101407)     46.70101 (18101407)
 3776307.7 |     50.70294 (19050818)     40.85755 (19050818)     36.11779 (17012307)
    33.24163 (17012307)     37.86738 (18101407)
 3776289.6 |     49.32091 (19050818)     41.06832 (19050818)     34.53523 (17012307)
    33.59174 (17012307)     30.84061 (17012307)
 3776271.5 |     46.86534 (19050818)     40.35623 (19050818)     33.84757 (19050818)
    34.15485 (17012307)     30.86878 (17012307)
 3776253.4 |     43.60416 (19050818)     38.84297 (19050818)     33.56115 (19050818)
    33.79943 (17012307)     30.48571 (17012307)
 3776235.3 |     39.80078 (19050818)     36.69109 (19050818)     32.65268 (19050818)
    32.52192 (17012307)     29.86699 (17012307)
 3776217.2 |     35.74361 (19050818)     34.06272 (19050818)     31.23273 (19050818)
    29.28851 (17012307)     28.16342 (17012307)
 3776199.2 |     34.19183 (19012817)     31.16748 (19050818)     29.40345 (19050818)
    26.81930 (19050818)     26.42815 (17012307)
 3776181.1 |     32.69277 (19012817)     28.13162 (19050818)     27.28712 (19050818)
    25.53186 (19050818)     24.36366 (17012307)
 3776163.0 |     30.97016 (19012817)     27.00377 (19012817)     25.02942 (19050818)
    23.99217 (19050818)     22.31167 (19050818)
 3776144.9 |     29.10889 (19012817)     26.01266 (19012817)     22.72231 (19050818)
    22.31946 (19050818)     21.21438 (19050818)
 3776126.8 |     27.17175 (19012817)     24.85424 (19012817)     21.80440 (19012817)
    20.52752 (19050818)     19.93924 (19050818)
 3776108.7 |     25.21622 (19012817)     23.57274 (19012817)     21.11524 (19012817)
    18.68656 (19050818)     18.54745 (19050818)
 3776090.6 |     23.60690 (19061019)     22.22004 (19012817)     20.30562 (19012817)
    17.93466 (19012817)     17.08641 (19050818)
 3776072.5 |     22.60522 (19061019)     20.82356 (19012817)     19.39740 (19012817)
    17.45054 (19012817)     15.60626 (19050818)
 3776054.4 |     21.48134 (19061019)     19.94054 (19061019)     18.42352 (19012817)
    16.86245 (19012817)     14.96899 (19012817)
 3776036.3 |     20.30262 (19061019)     19.32837 (19061019)     17.40535 (19012817)
    16.20014 (19012817)     14.61842 (19012817)
 3776018.2 |     19.04354 (19061019)     18.56824 (19061019)     16.83809 (19061019)
    15.47909 (19012817)     14.18713 (19012817)
 3776000.2 |     17.76497 (19061019)     17.71530 (19061019)     16.47068 (19061019)
    14.72118 (19012817)     13.69769 (19012817)
```



```
                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
```

```
, L0000011    , L0000012    , L0000013    ,
                L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                  *** NETWORK ID: UCART1   ;  NETWORK TYPE:
GRIDCART ***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

  Y-COORD  |                                                 X-COORD (METERS)
  (METERS) |       418699.42
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

 3776362.0 |     59.41587 (18101407)
 3776343.9 |     55.27813 (18101407)
 3776325.8 |     49.66798 (18101407)
 3776307.7 |     43.82458 (18101407)
 3776289.6 |     38.09041 (20022518)
 3776271.5 |     35.17729 (20022518)
 3776253.4 |     33.68620 (17012307)
 3776235.3 |     32.77215 (17012307)
 3776217.2 |     31.99885 (17012307)
 3776199.2 |     29.59191 (17012307)
 3776181.1 |     27.94840 (17012307)
 3776163.0 |     25.40539 (17012307)
 3776144.9 |     23.24996 (17012307)
 3776126.8 |     20.66608 (17012307)
 3776108.7 |     18.74820 (17012307)
 3776090.6 |     17.02787 (17012307)
 3776072.5 |     15.60947 (19050818)
 3776054.4 |     14.41248 (19050818)
 3776036.3 |     13.20392 (19050818)
 3776018.2 |     12.65675 (19012817)
 3776000.2 |     12.39958 (19012817)
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                            *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
```

L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 418343.61	418360.94	418378.27	418395.60	418412.93
3776583.0	212.79493 (20020717)	190.27404 (20020717)	170.59738 (20020717)	154.01586 (20020717)	140.04019 (20020717)
3776573.9	232.74793 (20020717)	203.81999 (20020717)	180.44649 (20020717)	161.35118 (20020717)	145.61016 (20020717)
3776564.7	239.32861 (20020717)	209.97945 (20020717)	185.55036 (20020717)	165.37185 (20020717)	148.75491 (20020717)
3776555.5	241.75147 (20020717)	212.06601 (20020717)	187.68459 (20020717)	167.15530 (20020717)	150.14732 (20020717)
3776546.4	242.61387 (20020717)	212.84894 (20020717)	188.18689 (20020717)	167.60512 (20020717)	150.31425 (20020717)
3776537.2	242.69805 (20020717)	212.65050 (20020717)	188.06080 (20020717)	167.18968 (20020717)	149.74862 (20020717)
3776528.1	242.43273 (20020717)	212.28160 (20020717)	187.46314 (20020717)	166.31392 (20020717)	148.57061 (20020717)
3776518.9	241.78311 (20020717)	211.66639 (20020717)	186.31679 (20020717)	164.91455 (20020717)	146.73351 (20020717)
3776509.7	242.19496 (19021117)	210.46828 (20020717)	184.78926 (20020717)	162.81378 (20020717)	144.24276 (20020717)
3776500.6	246.78931 (19021117)	208.87592 (20020717)	182.41673 (20020717)	159.98166 (20020717)	140.86874 (20020717)
3776491.4	249.99535 (19021117)	211.27072 (19021117)	179.17590 (20020717)	156.09432 (20020717)	136.39070 (20020717)
3776482.3	252.03504 (19021117)	213.50979 (19021117)	181.49032 (19021117)	154.82012 (19021117)	132.67659 (19021117)
3776473.1	253.04240 (19021117)	214.68361 (19021117)	182.78195 (19021117)	156.16383 (19021117)	134.00809 (19021117)
3776463.9	252.72418 (19021117)	214.54709 (19021117)	182.78498 (19021117)	156.25571 (19021117)	134.17154 (19021117)
3776454.8	251.69613 (19021117)	213.54218 (19021117)	181.77234 (19021117)	155.28671 (19021117)	133.32983 (19021117)
3776445.6	249.35698 (19021117)	210.91365 (19021117)	179.33893 (19021117)		

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   152.84827 (19021117)    131.19465 (19021117)
 3776436.5 |    245.28634 (19021117)    206.96790 (19021117)    175.16911 (19021117)
   149.04427 (19021117)    127.91099 (19021117)
 3776427.3 |    238.72052 (19021117)    200.27932 (19021117)    168.90757 (19021117)
   143.59290 (19021117)    123.23603 (19021117)
 3776418.1 |    228.20180 (19021117)    190.32739 (19021117)    160.28156 (19021117)
   136.32606 (19021117)    117.38406 (19021117)
 3776409.0 |    211.98070 (19021117)    176.60952 (19021117)    149.24085 (19021117)
   127.53277 (19021117)    110.34889 (19021117)
 3776399.8 |    196.11262 (19012817)    160.32535 (19050818)    136.15645 (19021117)
   117.42249 (19021117)    102.39333 (19021117)
🡅 *** AERMOD - VERSION 24142  ***   *** C:\Users\cpaludi\OneDrive -
Dudek\Desktop\HRA\Delaney Square\Delaney ***        10/22/25
 *** AERMET - VERSION  22112 ***   ***
                      ***       13:40:04

                                PAGE  79
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                 *** NETWORK ID: UCART2   ;  NETWORK TYPE:
GRIDCART ***

                                      ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

  Y-COORD  |                                                 X-COORD (METERS)
  (METERS) |       418430.26              418447.59              418464.92
      418482.25              418499.58
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

 3776583.0 |    128.13506 (20020717)    117.85518 (20020717)    108.88341 (20020717)
   100.93260 (20020717)     93.82121 (20020717)
 3776573.9 |    132.42575 (20020717)    121.17598 (20020717)    111.40385 (20020717)
   102.80366 (20020717)     95.12127 (20020717)
 3776564.7 |    134.84247 (20020717)    123.00298 (20020717)    112.69637 (20020717)
   103.60506 (20020717)     95.48245 (20020717)
 3776555.5 |    135.83650 (20020717)    123.61269 (20020717)    112.93563 (20020717)
   103.47400 (20020717)     94.99905 (20020717)
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 3776546.4 |    135.75349 (20020717)    123.25776 (20020717)    112.28488 (20020717)
   102.51944 (20020717)     93.74132 (20020717)
 3776537.2 |    134.88415 (20020717)    122.14139 (20020717)    110.85958 (20020717)
   100.80803 (20020717)     91.75943 (20020717)
 3776528.1 |    133.39140 (20020717)    120.29730 (20020717)    108.71851 (20020717)
    98.36985 (20020717)     89.07883 (20020717)
 3776518.9 |    131.19010 (20020717)    117.75088 (20020717)    105.82066 (20020717)
    95.19157 (20020717)     85.68259 (20020717)
 3776509.7 |    128.25614 (20020717)    114.38023 (20020717)    102.11450 (20020717)
    91.23824 (20020717)     81.55947 (20020717)
 3776500.6 |    124.36952 (20020717)    110.09516 (20020717)     97.52159 (20020717)
    86.45345 (20020717)     76.70508 (20020717)
 3776491.4 |    119.40111 (20020717)    104.73481 (20020717)     91.94900 (20020717)
    80.82095 (20020717)     71.12093 (20020717)
 3776482.3 |    114.48799 (19021117)     99.62052 (19021117)     87.30694 (19021117)
    77.27818 (17051018)     70.55377 (17051018)
 3776473.1 |    115.67840 (19021117)    100.82339 (19021117)     88.36973 (19021117)
    77.96535 (17051018)     71.25790 (17051018)
 3776463.9 |    115.91182 (19021117)    101.11902 (19021117)     88.76523 (19021117)
    78.30335 (19021117)     71.33852 (17051018)
 3776454.8 |    115.24298 (19021117)    100.62089 (19021117)     88.37079 (19021117)
    78.09510 (19021117)     70.80966 (17051018)
 3776445.6 |    113.46298 (19021117)     99.18275 (19021117)     87.29024 (19021117)
    77.26230 (19021117)     69.62990 (17051018)
 3776436.5 |    110.72690 (19021117)     96.94142 (19021117)     85.48196 (19021117)
    75.77651 (19021117)     67.76208 (17051018)
 3776427.3 |    106.87390 (19021117)     93.85526 (19021117)     82.97580 (19021117)
    73.75096 (19021117)     65.86077 (19021117)
 3776418.1 |    102.11291 (19021117)     89.97659 (19021117)     79.82068 (19021117)
    71.18453 (19021117)     63.77121 (19021117)
 3776409.0 |     96.52555 (19021117)     85.38654 (19021117)     76.08485 (19021117)
    68.13307 (19021117)     61.27026 (19021117)
 3776399.8 |     90.17184 (19021117)     80.25113 (19021117)     71.85436 (19021117)
    64.66474 (19021117)     58.41202 (19021117)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\cpaludi\OneDrive -
Dudek\Desktop\HRA\Delaney Square\Delaney ***        10/22/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:40:04

                                  PAGE  80
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
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L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 418516.91	418534.24	418551.57	418568.90	418586.23
3776583.0	87.35263 (20020717)	81.41745 (20020717)	75.94777 (20020717)	70.86212 (20020717)	66.13849 (20020717)
3776573.9	88.16623 (20020717)	81.81068 (20020717)	75.96445 (20020717)	70.56667 (20020717)	65.55905 (20020717)
3776564.7	88.13801 (20020717)	81.44215 (20020717)	75.29456 (20020717)	69.62917 (20020717)	66.92233 (21102407)
3776555.5	87.33662 (20020717)	80.35489 (20020717)	73.96072 (20020717)	68.09257 (20020717)	66.15152 (21102407)
3776546.4	85.80994 (20020717)	78.59471 (20020717)	72.00568 (20020717)	65.98189 (20020717)	67.58923 (21102407)
3776537.2	83.59491 (20020717)	76.18933 (20020717)	69.45451 (20020717)	63.32978 (20020717)	68.54075 (21102407)
3776528.1	80.71409 (20020717)	73.16361 (20020717)	66.34016 (20020717)	62.86829 (21102407)	68.96674 (21102407)
3776518.9	77.16835 (20020717)	69.53635 (20020717)	62.69264 (20020717)	63.26735 (21102407)	67.17205 (21102407)
3776509.7	72.97130 (20020717)	65.33798 (20020717)	58.55755 (20020717)	60.47012 (21102407)	66.57128 (21102407)
3776500.6	68.13421 (20020717)	60.60393 (20020717)	53.98529 (20020717)	59.98825 (21102407)	63.77072 (21102407)
3776491.4	63.38870 (17051018)	58.21399 (17051018)	53.60944 (17051018)	56.49708 (21102407)	62.21728 (21102407)
3776482.3	64.66450 (17051018)	59.44084 (17051018)	54.79666 (17051018)	55.16100 (21102407)	60.15166 (21102407)
3776473.1	65.36466 (17051018)	60.15314 (17051018)	55.49529 (17051018)	54.00408 (18012807)	57.60870 (21102407)
3776463.9	65.50322 (17051018)	60.32086 (17051018)	55.70548 (17051018)	52.30897 (18012807)	59.34127 (18101407)
3776454.8	65.04233 (17051018)	59.95184 (17051018)	55.40547 (17051018)	53.77471 (18101407)	60.00995 (18101407)
3776445.6	63.99284 (17051018)	59.02101 (17051018)	54.60498 (17051018)	54.10706 (18101407)	62.72906 (18101407)
3776436.5	62.32126 (17051018)	57.54525 (17051018)	53.29529 (17051018)	55.93529 (18101407)	62.82438 (18101407)
3776427.3	60.05210 (17051018)	55.51712 (17051018)	51.50354 (17051018)		

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    55.47237 (18101407)     62.44054 (18101407)
 3776418.1 |     57.45160 (19021117)     52.97892 (17051018)     51.27805 (18101407)
    53.37965 (18101407)     63.91835 (18101407)
 3776409.0 |     55.42594 (19021117)     50.34993 (19021117)     47.94086 (18101407)
    53.90352 (18101407)     58.26587 (18101407)
 3776399.8 |     53.05891 (19021117)     48.40862 (19021117)     46.38544 (20021119)
    51.75681 (18101407)     56.54209 (18101407)
↑ *** AERMOD - VERSION 24142  ***   *** C:\Users\cpaludi\OneDrive -
Dudek\Desktop\HRA\Delaney Square\Delaney ***        10/22/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:40:04

                                 PAGE  81
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                  *** NETWORK ID: UCART2   ;  NETWORK TYPE:
GRIDCART ***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                   **

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       418603.56              418620.89              418638.22
      418655.55              418672.88
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

 3776583.0 |     63.50144 (21102407)     65.34099 (21102407)     65.61523 (21102407)
    65.10484 (21102407)     64.53106 (21102407)
 3776573.9 |     65.88861 (21102407)     65.71357 (21102407)     66.90286 (21102407)
    66.23191 (21102407)     65.09945 (21102407)
 3776564.7 |     66.04479 (21102407)     66.44118 (21102407)     67.39049 (21102407)
    66.85970 (21102407)     65.56842 (21102407)
 3776555.5 |     67.57681 (21102407)     67.63396 (21102407)     68.18101 (21102407)
    66.97847 (21102407)     65.54421 (21102407)
 3776546.4 |     68.61928 (21102407)     68.31888 (21102407)     67.50874 (21102407)
    67.04275 (21102407)     65.45188 (21102407)
 3776537.2 |     67.61068 (21102407)     67.39624 (21102407)     67.33967 (21102407)
    66.15435 (21102407)     64.45809 (21102407)
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 3776528.1 |     67.67783 (21102407)     67.08479 (21102407)     65.56312 (21102407)
    65.22298 (21102407)     63.41035 (21102407)
 3776518.9 |     65.26477 (21102407)     64.99522 (21102407)     64.48591 (21102407)
    63.39101 (21102407)     61.51881 (21102407)
 3776509.7 |     64.42777 (21102407)     63.75766 (21102407)     62.25177 (21102407)
    61.07037 (21102407)     59.23621 (21102407)
 3776500.6 |     63.06176 (21102407)     62.02061 (21102407)     60.28220 (21102407)
    58.85944 (21102407)     56.95959 (21102407)
 3776491.4 |     61.18370 (21102407)     58.94084 (21102407)     57.89001 (21102407)
    56.27499 (21102407)     54.34020 (21102407)
 3776482.3 |     58.82575 (21102407)     56.43529 (21102407)     55.12339 (21102407)
    53.69436 (21102407)     51.42856 (21102407)
 3776473.1 |     56.03528 (21102407)     53.78134 (18101407)     53.07743 (18101407)
    54.19473 (18101407)     51.88318 (18101407)
 3776463.9 |     57.25550 (18101407)     57.04251 (18101407)     56.25340 (18101407)
    57.27325 (18101407)     54.92743 (18101407)
 3776454.8 |     60.31258 (18101407)     60.04864 (18101407)     59.16933 (18101407)
    60.07232 (18101407)     57.71970 (18101407)
 3776445.6 |     63.06205 (18101407)     62.73199 (18101407)     61.76303 (18101407)
    62.86586 (18101407)     60.20705 (18101407)
 3776436.5 |     63.75098 (18101407)     63.09092 (18101407)     63.97661 (18101407)
    64.62068 (18101407)     62.34078 (18101407)
 3776427.3 |     63.23470 (18101407)     65.01191 (18101407)     64.52560 (18101407)
    65.73524 (18101407)     63.74065 (18101407)
 3776418.1 |     62.58685 (18101407)     65.11697 (18101407)     65.89174 (18101407)
    66.94792 (18101407)     64.68129 (18101407)
 3776409.0 |     61.41233 (18101407)     64.57325 (18101407)     66.75923 (18101407)
    67.00808 (18101407)     65.50956 (18101407)
 3776399.8 |     59.86880 (18101407)     62.90235 (18101407)     66.07104 (18101407)
    66.43390 (18101407)     65.49748 (18101407)
↑ *** AERMOD - VERSION 24142  ***   *** C:\Users\cpaludi\OneDrive -
Dudek\Desktop\HRA\Delaney Square\Delaney ***        10/22/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:40:04

                                  PAGE  82
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                     *** NETWORK ID: UCART2   ;  NETWORK TYPE:
```

GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 418690.21
3776583.0	63.53592 (21102407)
3776573.9	64.34213 (21102407)
3776564.7	64.28498 (21102407)
3776555.5	64.51836 (21102407)
3776546.4	63.88958 (21102407)
3776537.2	62.80010 (21102407)
3776528.1	61.64747 (21102407)
3776518.9	59.70562 (21102407)
3776509.7	57.73558 (21102407)
3776500.6	55.08766 (21102407)
3776491.4	52.46138 (21102407)
3776482.3	49.56829 (21102407)
3776473.1	49.53521 (21011819)
3776463.9	52.46211 (18101407)
3776454.8	55.21866 (18101407)
3776445.6	57.69937 (18101407)
3776436.5	59.85674 (18101407)
3776427.3	61.33205 (18101407)
3776418.1	62.70983 (18101407)
3776409.0	63.31974 (18101407)
3776399.8	63.46795 (18101407)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
417940.94	3776411.38	62.78543	(19113016)	417957.67	3776412.09	74.35334	(19113016)
417972.97	3776412.44	87.05217	(19113016)	417990.41	3776412.09	104.74695	(19113016)
418009.28	3776412.44	127.33242	(19113016)	418022.81	3776412.80	146.47859	(19113016)
418061.96	3776417.07	220.63025	(19113016)	418081.89	3776410.31	281.54995	(19113016)
418108.23	3776410.31	388.84641	(19113016)	417940.22	3776440.56	55.64065	(19021217)
417953.04	3776440.56	59.29692	(19021217)	417978.67	3776442.70	71.43601	(19113016)
417995.75	3776443.77	87.18149	(19113016)	418010.70	3776443.77	104.88555	(19113016)
418029.92	3776439.85	136.74893	(19113016)	418065.16	3776441.63	210.33082	(19113016)
418086.16	3776435.58	281.46178	(19113016)	418111.44	3776443.77	390.73804	(19113016)
418114.29	3776454.80	398.71196	(19113016)	418109.30	3776466.55	359.89688	(19113016)
418108.95	3776492.18	325.66614	(19113016)	418082.96	3776494.31	202.00489	(19113016)
418068.01	3776493.96	154.58946	(19113016)	418027.08	3776490.40	91.11219	(19021217)
418008.92	3776491.11	80.43261	(19021217)	417991.13	3776490.04	72.03112	(19021217)
417976.18	3776488.26	66.14614	(19021217)	417959.80	3776490.04	59.89361	(19021217)
417937.38	3776491.47	52.75232	(19021217)	417995.40	3776523.15	72.19613	(19120616)
418012.84	3776522.43	80.55754	(19120616)	418030.64	3776526.35	90.84081	(19120616)
418066.59	3776525.28	119.91894	(19120616)	418085.45	3776517.45	164.86323	(19113016)
418110.01	3776523.86	264.78322	(19113016)	418115.00	3776534.18	263.31485	(19113016)
418110.37	3776547.35	236.12724	(19020117)	418109.30	3776571.91	225.30044	(19020117)
418084.03	3776574.40	159.83192	(19020117)	418068.37	3776568.00	133.04609	(19020117)

```
        418049.50   3776567.28      107.06917  (19020117)                418029.57
3776567.28       86.12129  (19020117)
        418012.84   3776569.06       72.77461  (19120616)                418102.61
3776592.10      178.68211  (19020117)
        418071.57   3776593.19      130.97340  (19020117)                418037.90
3776597.56       94.53037  (19020117)
        418042.49   3776624.67       89.63246  (19020117)                418074.19
3776638.00       96.73444  (19020117)
        418065.67   3776611.55      113.10785  (19020117)                418100.64
3776611.55      142.34934  (19020117)
        418101.30   3776631.88      111.80993  (17022617)                418101.95
3776647.19      103.07054  (17022617)
        418041.88   3776669.57       67.17682  (19020117)                418042.66
3776692.46       55.92523  (19020117)
        418067.09   3776694.26       64.00319  (17022617)                418079.18
3776669.57       76.68217  (17022617)
        418152.07   3776594.11      212.51180  (17022617)                418152.67
3776613.47      169.73581  (17022617)
        418152.37   3776632.54      139.45327  (17022617)                418168.71
3776594.11      211.77690  (17022617)
        418184.75   3776594.41      225.83993  (19020217)                418205.32
3776592.90      248.81714  (19020217)
        418205.32   3776611.66      191.77805  (19020217)                418227.11
3776615.59      194.49605  (19020217)
        418242.54   3776615.29      201.06651  (19020217)                418264.63
3776616.50      203.53030  (19020217)
        418282.49   3776615.29      209.60504  (17010116)                418301.25
3776598.95      252.03690  (17010116)
        418300.95   3776619.52      201.98024  (17010116)                418301.85
3776642.22      161.74747  (17010116)
        418302.46   3776658.26      139.93517  (17010116)                418281.58
3776648.88      149.66239  (19020217)
        418257.67   3776649.78      144.09329  (19020217)                418216.22
3776655.23      117.10950  (19020217)
        418195.94   3776654.32      108.87869  (17081607)                418185.05
3776634.05      130.36681  (17022617)
        418175.97   3776656.14      106.82548  (17022617)                418149.34
3776656.14      112.42202  (17022617)
        418341.13   3776618.95      155.56204  (17010116)                418341.49
3776648.86      134.05962  (17010116)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\cpaludi\OneDrive -
Dudek\Desktop\HRA\Delaney Square\Delaney ***        10/22/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:40:04

                                  PAGE  84
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
```

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
418340.77	3776674.85	115.48472	(17010116)	418341.49	3776702.97	96.92817	(17010116)
418342.20	3776728.61	84.25635	(17011019)	418342.91	3776756.02	78.08808	(17011019)
418363.21	3776615.39	147.48783	(19042918)	418362.49	3776674.49	102.42448	(17010116)
418363.21	3776702.62	90.35507	(17010116)	418365.34	3776761.01	71.00233	(17011019)
418383.50	3776615.03	130.20777	(19042918)	418382.79	3776646.01	109.25066	(19042918)
418383.14	3776675.92	86.08057	(17010116)	418384.92	3776703.69	79.44263	(17010116)
418384.57	3776729.32	73.17216	(17010116)	418384.92	3776760.30	64.60255	(17010116)
418404.86	3776621.80	111.26721	(19042918)	418428.00	3776620.02	95.75614	(19030307)
418424.09	3776657.76	89.45336	(19042918)	418446.87	3776662.03	79.96958	(19042918)
418491.38	3776621.44	78.78340	(20020717)	418493.52	3776650.64	75.50686	(19030307)
418492.45	3776675.92	73.31397	(20102507)	418493.16	3776705.47	76.71522	(20102507)
418492.09	3776723.62	76.82067	(20102507)	418493.87	3776754.96	75.70450	(20102507)
418419.82	3776719.71	66.30812	(20102507)	418445.09	3776719.71	69.72830	(20102507)
418421.95	3776753.89	59.44867	(20102507)	418542.65	3776623.58	68.60202	(20020717)
418573.62	3776623.93	63.31947	(20020717)	418601.04	3776623.93	58.89494	(20020717)
418546.57	3776716.15	76.49315	(20102507)	418547.28			

```
3776744.27       78.12712  (20102507)
        418565.44   3776744.27       74.24013  (20102507)                418564.37
3776715.44       70.70531  (20102507)
        418602.11   3776744.63       64.59428  (20102507)                418601.75
3776716.86       58.43970  (20102507)
        418625.61   3776746.41       58.05041  (20102507)                418624.18
3776711.88       54.23882  (19030307)
        418653.73   3776625.00       54.73578  (21102407)                418685.07
3776625.36       54.58851  (21102407)
        418704.55   3776625.67       54.11999  (21102407)

↑ *** AERMOD - VERSION 24142  ***   *** C:\Users\cpaludi\OneDrive -
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                      *** THE SUMMARY OF MAXIMUM PERIOD ( 43824
HRS) RESULTS ***


                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
               **


                       NETWORK
GROUP ID                      AVERAGE CONC                RECEPTOR  (XR, YR, ZELEV,
ZHILL, ZFLAG)  OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - -

ALL       1ST HIGHEST VALUE IS      30.23706 AT (  418205.32,  3776592.90,   191.66,
 3066.86,    0.00)  DC
          2ND HIGHEST VALUE IS      29.53806 AT (  418114.29,  3776454.80,   189.33,
 3066.86,    0.00)  DC
          3RD HIGHEST VALUE IS      28.53406 AT (  418115.00,  3776534.18,   189.85,
 3066.86,    0.00)  DC
          4TH HIGHEST VALUE IS      27.21639 AT (  418184.75,  3776594.41,   191.44,
 3066.86,    0.00)  DC
          5TH HIGHEST VALUE IS      26.63925 AT (  418343.61,  3776500.58,   193.30,
 3066.90,    0.00)  GC  UCART2
          6TH HIGHEST VALUE IS      26.60639 AT (  418343.61,  3776509.74,   193.40,
 3066.90,    0.00)  GC  UCART2
          7TH HIGHEST VALUE IS      26.53524 AT (  418343.61,  3776491.42,   193.20,
 3066.90,    0.00)  GC  UCART2
          8TH HIGHEST VALUE IS      26.43271 AT (  418343.61,  3776518.90,   193.50,
 3066.90,    0.00)  GC  UCART2
          9TH HIGHEST VALUE IS      26.36826 AT (  418111.44,  3776443.77,   189.22,
```

```
 3066.86,    0.00)  DC
        10TH HIGHEST VALUE IS      26.29264 AT (  418343.61,  3776482.26,   193.10,
 3066.90,    0.00)  GC  UCART2


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
 *** AERMOD - VERSION 24142  ***   *** C:\Users\cpaludi\OneDrive -
Dudek\Desktop\HRA\Delaney Square\Delaney ***        10/22/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:40:04

                                  PAGE  86
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                                 *** THE SUMMARY OF HIGHEST  1-HR
RESULTS ***


                                    ** CONC OF PM_10    IN MICROGRAMS/M**3
              **

                                                          DATE
                                          NETWORK
GROUP ID                           AVERAGE CONC     (YYMMDDHH)             RECEPTOR
(XR, YR, ZELEV, ZHILL, ZFLAG)    OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

ALL      HIGH   1ST HIGH VALUE IS     398.71196  ON 19113016: AT (  418114.29,
3776454.80,   189.33,  3066.86,    0.00)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
 *** AERMOD - VERSION 24142  ***   *** C:\Users\cpaludi\OneDrive -
Dudek\Desktop\HRA\Delaney Square\Delaney ***        10/22/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:40:04

                                  PAGE  87
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

 *** Message Summary : AERMOD Model Execution ***

  --------- Summary of Total Messages --------
```

```
A Total of            0 Fatal Error Message(s)
A Total of            2 Warning Message(s)
A Total of          474 Informational Message(s)

A Total of        43824 Hours Were Processed

A Total of           41 Calm Hours Identified

A Total of          433 Missing Hours Identified (  0.99 Percent)


   ******** FATAL ERROR MESSAGES ********
              ***  NONE  ***


   ********   WARNING MESSAGES   ********
ME W186    1172       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
    0.50
ME W187    1172       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET


   ************************************
   *** AERMOD Finishes Successfully ***
   ************************************
```

```
↑ *** AERMOD - VERSION 24142  ***   *** C:\Users\cpaludi\OneDrive -
Dudek\Desktop\HRA\Delaney Square\Delaney ***        10/22/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:40:04

                                 PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                            ***     MODEL SETUP OPTIONS SUMMARY
 ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - -

 ** Model Options Selected:
      * Model Uses Regulatory DEFAULT Options
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
      * Stack-tip Downwash.
      * Model Accounts for ELEVated Terrain Effects.
      * Use Calms Processing Routine.
      * Use Missing Data Processing Routine.
      * No Exponential Decay.
      * Model Uses URBAN Dispersion Algorithm for the SBL for   179 Source(s),
        for Total of    1 Urban Area(s):
   Urban Population =   9832684.0 ;  Urban Roughness Length =  1.000 m
      * Urban Roughness Length of 1.0 Meter Used.
      * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
      * CCVR_Sub - Meteorological data includes CCVR substitutions
      * TEMP_Sub - Meteorological data includes TEMP substitutions
      * Model Assumes No FLAGPOLE Receptor Heights.
      * The User Specified a Pollutant Type of: PM_10

 **Model Calculates  1 Short Term Average(s) of:   1-HR
     and Calculates PERIOD Averages

 **This Run Includes:    179 Source(s);       1 Source Group(s); and    1003
Receptor(s)

                with:      0 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:    179 VOLUME source(s)
                 and:      0 AREA type source(s)
                 and:      0 LINE source(s)
                 and:      0 RLINE/RLINEXT source(s)
                 and:      0 OPENPIT source(s)
                 and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
                 and:      0 SWPOINT source(s)
```

```
 **Model Set To Continue RUNning After the Setup Testing.

 **The AERMET Input Meteorological Data Version Date:  22112

 **Output Options Selected:
          Model Outputs Tables of PERIOD Averages by Receptor
          Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE
Keyword)
          Model Outputs External File(s) of High Values for Plotting (PLOTFILE
Keyword)
          Model Outputs Separate Summary File of High Ranked Values (SUMMFILE
Keyword)

 **NOTE:  The Following Flags May Appear Following CONC Values:  c for Calm Hours
                                                                 m for Missing Hours
                                                                 b for Both Calm and
Missing Hours

 **Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =   187.00 ;  Decay
Coef. =    0.000     ;  Rot. Angle =     0.0
                  Emission Units = GRAMS/SEC                              ;
Emission Rate Unit Factor =   0.10000E+07
                  Output Units   = MICROGRAMS/M**3

 **Approximate Storage Requirements of Model =      3.7 MB of RAM.

 **Input Runstream File:          aermod.inp

 **Output Print File:             aermod.out


 **Detailed Error/Message File:   Delaney Square.err

 **File for Summary of Results:   Delaney Square.sum

 *** AERMOD - VERSION 24142  ***   *** C:\Users\cpaludi\OneDrive -
Dudek\Desktop\HRA\Delaney Square\Delaney ***        10/22/25
 *** AERMET - VERSION  22112 ***   ***
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                                 PAGE   2
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                          *** METEOROLOGICAL DAYS SELECTED FOR
PROCESSING ***
                                                                (1=YES; 0=NO)

            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
```

```
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
```

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***

(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file: SCAQMD Met Data Azusa\AZUS_V11_trimmed.sfc
Met Version: 22112
Profile file: SCAQMD Met Data Azusa\AZUS_V11_trimmed.PFL

Surface format: FREE

Profile format: FREE

Surface station no.: 3179 Upper air station no.: 3190
Name: AZUSA Name: UNKNOWN

Year: 2017 Year: 2017

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
17	01	01	1	01	-11.3	0.154	-9.000	-9.000	-999.	145.	28.6	0.34	0.75	1.00	1.36	97.	10.0	281.4	9.5
17	01	01	1	02	-5.9	0.110	-9.000	-9.000	-999.	88.	20.0	0.29	0.75	1.00	1.05	88.	10.0	281.0	9.5
17	01	01	1	03	-6.6	0.117	-9.000	-9.000	-999.	95.	21.1	0.29	0.75	1.00	1.11	69.	10.0	280.5	9.5
17	01	01	1	04	-6.9	0.119	-9.000	-9.000	-999.	99.	21.7	0.33	0.75	1.00	1.08	132.	10.0	279.8	9.5
17	01	01	1	05	-4.1	0.091	-9.000	-9.000	-999.	66.	16.1	0.17	0.75	1.00	1.00	314.	10.0	279.5	9.5
17	01	01	1	06	-18.0	0.193	-9.000	-9.000	-999.	204.	41.0	0.21	0.75	1.00	1.96	35.	10.0	279.8	9.5
17	01	01	1	07	-10.5	0.147	-9.000	-9.000	-999.	136.	27.0	0.29	0.75	1.00	1.38	80.	10.0	279.6	9.5
17	01	01	1	08	-6.3	0.118	-9.000	-9.000	-999.	97.	22.9	0.29	0.75	0.55	1.12	74.	10.0	279.4	9.5
17	01	01	1	09	25.4	0.209	0.420	0.005	103.	230.	-31.8	0.29	0.75	0.32	1.55	70.	10.0	282.2	9.5
17	01	01	1	10	64.6	0.296	1.020	0.005	581.	386.	-35.4	0.33	0.75	0.25	2.13	126.	10.0	283.6	9.5
17	01	01	1	11	91.0	0.325	1.350	0.005	956.	444.	-33.2	0.33	0.75	0.22	2.32	130.	10.0	284.1	9.5
17	01	01	1	12	87.8	0.248	1.393	0.005	1087.	299.	-15.3	0.32	0.75	0.21	1.62	152.	10.0	285.1	9.5
17	01	01	1	13	103.2	0.182	1.514	0.005	1188.	187.	-5.1	0.33	0.75	0.21	0.97	144.	10.0	286.1	9.5
17	01	01	1	14	74.8	0.225	1.385	0.005	1256.	255.	-13.4	0.23	0.75	0.22	1.61	214.	10.0	286.9	9.5
17	01	01	1	15	50.9	0.150	1.233	0.005	1300.	142.	-5.9	0.07	0.75	0.26	1.37	273.	10.0	286.7	9.5
17	01	01	1	16	1.2	0.122	0.356	0.005	1300.	102.	-130.2	0.23	0.75	0.35	1.08	210.	10.0	286.6	9.5
17	01	01	1	17	-13.1	0.175	-9.000	-9.000	-999.	176.	36.0	0.32	0.75	0.62	1.55	172.	10.0	286.3	9.5
17	01	01	1	18	-13.7	0.171	-9.000	-9.000	-999.	169.	32.2	0.32	0.75	1.00	1.53	179.	10.0	285.8	9.5
17	01	01	1	19	-9.0	0.136	-9.000	-9.000	-999.	121.	24.7	0.23	0.75	1.00	1.38	215.	10.0	285.4	9.5
17	01	01	1	20	-3.7	0.086	-9.000	-9.000	-999.	61.	14.9	0.12	0.75	1.00	1.03	259.	10.0	285.0	9.5
17	01	01	1	21	-1.8	0.070	-9.000	-9.000	-999.	44.	16.4	0.16	0.75	1.00	0.58	349.	10.0	284.9	9.5
17	01	01	1	22	-3.4	0.086	-9.000	-9.000	-999.	61.	16.6	0.29	0.75	1.00	0.78	61.	10.0	284.8	9.5
17	01	01	1	23	-14.0	0.170	-9.000	-9.000	-999.	168.	31.8	0.21	0.75						

```
1.00    1.74   43.   10.0  284.2    9.5
 17 01 01   1 24  -21.5  0.220 -9.000 -9.000 -999.  248.     53.3  0.21   0.75
1.00    2.22   43.   10.0  283.9    9.5


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 17 01 01 01    9.5 0 -999.  -99.00   281.4   99.0  -99.00  -99.00
 17 01 01 01   10.0 1   97.    1.36  -999.0   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
↑ *** AERMOD - VERSION 24142  ***   *** C:\Users\cpaludi\OneDrive -
Dudek\Desktop\HRA\Delaney Square\Delaney ***        10/22/25
 *** AERMET - VERSION  22112 ***   ***
                      ***       13:40:04

                                PAGE   4
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                      *** THE SUMMARY OF MAXIMUM PERIOD ( 43824
HRS) RESULTS ***


                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
               **


                        NETWORK
GROUP ID                      AVERAGE CONC                RECEPTOR  (XR, YR, ZELEV,
ZHILL, ZFLAG)  OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - -

ALL       1ST HIGHEST VALUE IS      30.23706 AT (  418205.32,  3776592.90,   191.66,
 3066.86,    0.00)  DC
          2ND HIGHEST VALUE IS      29.53806 AT (  418114.29,  3776454.80,   189.33,
 3066.86,    0.00)  DC
          3RD HIGHEST VALUE IS      28.53406 AT (  418115.00,  3776534.18,   189.85,
 3066.86,    0.00)  DC
          4TH HIGHEST VALUE IS      27.21639 AT (  418184.75,  3776594.41,   191.44,
 3066.86,    0.00)  DC
          5TH HIGHEST VALUE IS      26.63925 AT (  418343.61,  3776500.58,   193.30,
 3066.90,    0.00)  GC  UCART2
          6TH HIGHEST VALUE IS      26.60639 AT (  418343.61,  3776509.74,   193.40,
 3066.90,    0.00)  GC  UCART2
          7TH HIGHEST VALUE IS      26.53524 AT (  418343.61,  3776491.42,   193.20,
 3066.90,    0.00)  GC  UCART2
          8TH HIGHEST VALUE IS      26.43271 AT (  418343.61,  3776518.90,   193.50,
 3066.90,    0.00)  GC  UCART2
          9TH HIGHEST VALUE IS      26.36826 AT (  418111.44,  3776443.77,   189.22,
```

```
 3066.86,    0.00)  DC
        10TH HIGHEST VALUE IS      26.29264 AT (  418343.61,  3776482.26,   193.10,
 3066.90,    0.00)  GC  UCART2


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
 *** AERMOD - VERSION 24142  ***   *** C:\Users\cpaludi\OneDrive -
Dudek\Desktop\HRA\Delaney Square\Delaney ***        10/22/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:40:04

                                  PAGE   5
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                                 *** THE SUMMARY OF HIGHEST  1-HR
RESULTS ***


                                    ** CONC OF PM_10    IN MICROGRAMS/M**3
              **

                                                          DATE
                                          NETWORK
GROUP ID                          AVERAGE CONC     (YYMMDDHH)             RECEPTOR
(XR, YR, ZELEV, ZHILL, ZFLAG)    OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

ALL      HIGH   1ST HIGH VALUE IS     398.71196  ON 19113016: AT (  418114.29,
3776454.80,   189.33,  3066.86,    0.00)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
 *** AERMOD - VERSION 24142  ***   *** C:\Users\cpaludi\OneDrive -
Dudek\Desktop\HRA\Delaney Square\Delaney ***        10/22/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:40:04

                                  PAGE   6
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

 *** Message Summary : AERMOD Model Execution ***

  --------- Summary of Total Messages --------
```

```
A Total of            0 Fatal Error Message(s)
A Total of            2 Warning Message(s)
A Total of          474 Informational Message(s)

A Total of        43824 Hours Were Processed

A Total of           41 Calm Hours Identified

A Total of          433 Missing Hours Identified (  0.99 Percent)


   ******** FATAL ERROR MESSAGES ********
              ***  NONE  ***


   ********   WARNING MESSAGES   ********
ME W186    1172       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
    0.50
ME W187    1172       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET
```

```
** Lakes Environmental AERMOD MPI
**
****************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 13.0.0
** Lakes Environmental Software Inc.
** Date: 10/22/2025
** File: C:\Users\cpaludi\Desktop\Collin HRA\Delaney Square Onsite\Delaney Square
Onsite.ADI
**
****************************************
**
**
****************************************
** AERMOD Control Pathway
****************************************
**
**
CO STARTING
   TITLEONE C:\Users\cpaludi\OneDrive - Dudek\Desktop\HRA\Delaney Square\Delaney
   MODELOPT DFAULT CONC
   AVERTIME 1 PERIOD
   URBANOPT 9832684 Population_of_LA_County_2024
   POLLUTID PM_10
   RUNORNOT RUN
   ERRORFIL "Delaney Square Onsite.err"
CO FINISHED
**
****************************************
** AERMOD Source Pathway
****************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
** ---------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE1
** DESCRSRC Offroad Equipment and Vehicles 1
** PREFIX
** Length of Side = 10.00
** Configuration = Adjacent
** Emission Rate = 0.1825
** Vertical Dimension = 10.00
** SZINIT = 4.65
** Nodes = 6
** 418131.381, 3776456.629, 189.77, 5.00, 4.65
** 418130.855, 3776569.664, 190.42, 5.00, 4.65
```

```
** 418150.981, 3776568.848, 190.79, 5.00, 4.65
** 418150.970, 3776568.167, 190.79, 5.00, 4.65
** 418149.191, 3776463.139, 189.81, 5.00, 4.65
** 418143.524, 3776460.812, 189.78, 5.00, 4.65
** ----------------------------------------------------------------------
   LOCATION L0000138     VOLUME   418131.358 3776461.629 189.59
   LOCATION L0000139     VOLUME   418131.311 3776471.629 189.66
   LOCATION L0000140     VOLUME   418131.265 3776481.629 189.73
   LOCATION L0000141     VOLUME   418131.218 3776491.629 189.79
   LOCATION L0000142     VOLUME   418131.172 3776501.629 189.86
   LOCATION L0000143     VOLUME   418131.125 3776511.628 189.93
   LOCATION L0000144     VOLUME   418131.079 3776521.628 190.00
   LOCATION L0000145     VOLUME   418131.032 3776531.628 190.06
   LOCATION L0000146     VOLUME   418130.986 3776541.628 190.13
   LOCATION L0000147     VOLUME   418130.939 3776551.628 190.24
   LOCATION L0000148     VOLUME   418130.892 3776561.628 190.35
   LOCATION L0000149     VOLUME   418132.817 3776569.585 190.47
   LOCATION L0000150     VOLUME   418142.809 3776569.180 190.64
   LOCATION L0000151     VOLUME   418150.951 3776567.028 190.74
   LOCATION L0000152     VOLUME   418150.781 3776557.029 190.61
   LOCATION L0000153     VOLUME   418150.612 3776547.031 190.48
   LOCATION L0000154     VOLUME   418150.443 3776537.032 190.37
   LOCATION L0000155     VOLUME   418150.273 3776527.034 190.30
   LOCATION L0000156     VOLUME   418150.104 3776517.035 190.22
   LOCATION L0000157     VOLUME   418149.935 3776507.037 190.15
   LOCATION L0000158     VOLUME   418149.765 3776497.038 190.07
   LOCATION L0000159     VOLUME   418149.596 3776487.040 190.00
   LOCATION L0000160     VOLUME   418149.427 3776477.041 189.92
   LOCATION L0000161     VOLUME   418149.257 3776467.042 189.85
   LOCATION L0000162     VOLUME   418143.553 3776460.823 189.74
** End of LINE VOLUME Source ID = SLINE1
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE2
** DESCRSRC Offroad Equipment and Trucks 2
** PREFIX
** Length of Side = 10.00
** Configuration = Adjacent
** Emission Rate = 0.1022
** Vertical Dimension = 10.00
** SZINIT = 4.65
** Nodes = 2
** 418166.291, 3776569.839, 191.02, 5.00, 4.65
** 418303.725, 3776570.063, 192.89, 5.00, 4.65
** ----------------------------------------------------------------------
   LOCATION L0000163     VOLUME   418171.291 3776569.847 191.02
   LOCATION L0000164     VOLUME   418181.291 3776569.864 191.14
   LOCATION L0000165     VOLUME   418191.291 3776569.880 191.26
   LOCATION L0000166     VOLUME   418201.291 3776569.896 191.38
   LOCATION L0000167     VOLUME   418211.291 3776569.912 191.50
```

```
   LOCATION L0000168     VOLUME   418221.291 3776569.929 191.62
   LOCATION L0000169     VOLUME   418231.291 3776569.945 191.75
   LOCATION L0000170     VOLUME   418241.291 3776569.961 191.91
   LOCATION L0000171     VOLUME   418251.291 3776569.977 192.06
   LOCATION L0000172     VOLUME   418261.291 3776569.994 192.23
   LOCATION L0000173     VOLUME   418271.291 3776570.010 192.40
   LOCATION L0000174     VOLUME   418281.291 3776570.026 192.56
   LOCATION L0000175     VOLUME   418291.291 3776570.042 192.71
   LOCATION L0000176     VOLUME   418301.291 3776570.059 192.86
** End of LINE VOLUME Source ID = SLINE2
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE3
** DESCRSRC Offroad Equipment Vehicles 3
** PREFIX
** Length of Side = 10.00
** Configuration = Adjacent
** Emission Rate = 0.1241
** Vertical Dimension = 10.00
** SZINIT = 4.65
** Nodes = 4
** 418166.280, 3776423.857, 189.98, 5.00, 4.65
** 418241.714, 3776422.768, 191.05, 5.00, 4.65
** 418242.642, 3776402.354, 191.04, 5.00, 4.65
** 418165.566, 3776402.945, 189.85, 5.00, 4.65
** ----------------------------------------------------------------------
   LOCATION L0000223     VOLUME   418171.280 3776423.785 190.05
   LOCATION L0000224     VOLUME   418181.279 3776423.641 190.27
   LOCATION L0000225     VOLUME   418191.278 3776423.496 190.51
   LOCATION L0000226     VOLUME   418201.277 3776423.352 190.71
   LOCATION L0000227     VOLUME   418211.276 3776423.207 190.75
   LOCATION L0000228     VOLUME   418221.275 3776423.063 190.80
   LOCATION L0000229     VOLUME   418231.273 3776422.919 190.90
   LOCATION L0000230     VOLUME   418241.272 3776422.774 191.04
   LOCATION L0000231     VOLUME   418242.148 3776413.220 190.95
   LOCATION L0000232     VOLUME   418242.603 3776403.230 190.81
   LOCATION L0000233     VOLUME   418233.520 3776402.424 190.67
   LOCATION L0000234     VOLUME   418223.520 3776402.500 190.54
   LOCATION L0000235     VOLUME   418213.521 3776402.577 190.47
   LOCATION L0000236     VOLUME   418203.521 3776402.654 190.40
   LOCATION L0000237     VOLUME   418193.521 3776402.730 190.25
   LOCATION L0000238     VOLUME   418183.522 3776402.807 190.04
   LOCATION L0000239     VOLUME   418173.522 3776402.884 189.83
** End of LINE VOLUME Source ID = SLINE3
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE4
** DESCRSRC Offroad Equipment and Trucks 4
** PREFIX
** Length of Side = 10.00
```

```
** Configuration = Adjacent
** Emission Rate = 0.2117
** Vertical Dimension = 10.00
** SZINIT = 4.65
** Nodes = 4
** 418278.121, 3776398.490, 190.94, 5.00, 4.65
** 418278.091, 3776533.542, 192.22, 5.00, 4.65
** 418298.073, 3776533.279, 192.50, 5.00, 4.65
** 418297.979, 3776399.115, 191.06, 5.00, 4.65
** ----------------------------------------------------------------------
   LOCATION L0000194     VOLUME   418278.120 3776403.490 191.16
   LOCATION L0000195     VOLUME   418278.117 3776413.490 191.29
   LOCATION L0000196     VOLUME   418278.115 3776423.490 191.37
   LOCATION L0000197     VOLUME   418278.113 3776433.490 191.44
   LOCATION L0000198     VOLUME   418278.111 3776443.490 191.50
   LOCATION L0000199     VOLUME   418278.109 3776453.490 191.58
   LOCATION L0000200     VOLUME   418278.106 3776463.490 191.66
   LOCATION L0000201     VOLUME   418278.104 3776473.490 191.74
   LOCATION L0000202     VOLUME   418278.102 3776483.490 191.82
   LOCATION L0000203     VOLUME   418278.100 3776493.490 191.89
   LOCATION L0000204     VOLUME   418278.097 3776503.490 191.96
   LOCATION L0000205     VOLUME   418278.095 3776513.490 192.03
   LOCATION L0000206     VOLUME   418278.093 3776523.490 192.12
   LOCATION L0000207     VOLUME   418278.091 3776533.490 192.20
   LOCATION L0000208     VOLUME   418288.038 3776533.411 192.34
   LOCATION L0000209     VOLUME   418298.037 3776533.279 192.47
   LOCATION L0000210     VOLUME   418298.066 3776523.315 192.39
   LOCATION L0000211     VOLUME   418298.059 3776513.315 192.30
   LOCATION L0000212     VOLUME   418298.052 3776503.315 192.22
   LOCATION L0000213     VOLUME   418298.045 3776493.315 192.13
   LOCATION L0000214     VOLUME   418298.038 3776483.315 192.03
   LOCATION L0000215     VOLUME   418298.031 3776473.315 191.93
   LOCATION L0000216     VOLUME   418298.024 3776463.315 191.82
   LOCATION L0000217     VOLUME   418298.017 3776453.315 191.71
   LOCATION L0000218     VOLUME   418298.010 3776443.315 191.60
   LOCATION L0000219     VOLUME   418298.003 3776433.315 191.52
   LOCATION L0000220     VOLUME   418297.996 3776423.315 191.44
   LOCATION L0000221     VOLUME   418297.989 3776413.315 191.35
   LOCATION L0000222     VOLUME   418297.982 3776403.315 191.26
** End of LINE VOLUME Source ID = SLINE4
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE5
** DESCRSRC Offroad Equipment and Vehicles 5
** PREFIX
** Length of Side = 10.00
** Configuration = Adjacent
** Emission Rate = 0.3796
** Vertical Dimension = 10.00
** SZINIT = 4.65
```

```
** Nodes = 12
** 418176.758, 3776535.650, 190.78, 5.00, 4.65
** 418245.710, 3776534.843, 191.75, 5.00, 4.65
** 418246.518, 3776460.239, 191.29, 5.00, 4.65
** 418178.696, 3776460.239, 190.89, 5.00, 4.65
** 418178.696, 3776523.701, 190.66, 5.00, 4.65
** 418232.469, 3776523.539, 191.35, 5.00, 4.65
** 418233.922, 3776474.449, 191.21, 5.00, 4.65
** 418192.422, 3776474.934, 190.87, 5.00, 4.65
** 418191.776, 3776509.652, 190.82, 5.00, 4.65
** 418220.681, 3776509.975, 191.19, 5.00, 4.65
** 418220.842, 3776486.883, 191.17, 5.00, 4.65
** 418206.955, 3776495.442, 190.99, 5.00, 4.65
** ---------------------------------------------------------------------
   LOCATION L0000240     VOLUME   418181.758 3776535.592 190.81
   LOCATION L0000241     VOLUME   418191.757 3776535.475 190.94
   LOCATION L0000242     VOLUME   418201.756 3776535.358 191.08
   LOCATION L0000243     VOLUME   418211.756 3776535.240 191.21
   LOCATION L0000244     VOLUME   418221.755 3776535.123 191.34
   LOCATION L0000245     VOLUME   418231.754 3776535.006 191.49
   LOCATION L0000246     VOLUME   418241.754 3776534.889 191.65
   LOCATION L0000247     VOLUME   418245.776 3776528.800 191.66
   LOCATION L0000248     VOLUME   418245.884 3776518.801 191.58
   LOCATION L0000249     VOLUME   418245.992 3776508.801 191.51
   LOCATION L0000250     VOLUME   418246.100 3776498.802 191.49
   LOCATION L0000251     VOLUME   418246.208 3776488.802 191.47
   LOCATION L0000252     VOLUME   418246.317 3776478.803 191.45
   LOCATION L0000253     VOLUME   418246.425 3776468.804 191.41
   LOCATION L0000254     VOLUME   418245.083 3776460.239 191.36
   LOCATION L0000255     VOLUME   418235.083 3776460.239 191.24
   LOCATION L0000256     VOLUME   418225.083 3776460.239 191.11
   LOCATION L0000257     VOLUME   418215.083 3776460.239 191.04
   LOCATION L0000258     VOLUME   418205.083 3776460.239 190.97
   LOCATION L0000259     VOLUME   418195.083 3776460.239 190.82
   LOCATION L0000260     VOLUME   418185.083 3776460.239 190.58
   LOCATION L0000261     VOLUME   418178.696 3776463.852 190.43
   LOCATION L0000262     VOLUME   418178.696 3776473.852 190.46
   LOCATION L0000263     VOLUME   418178.696 3776483.852 190.50
   LOCATION L0000264     VOLUME   418178.696 3776493.852 190.53
   LOCATION L0000265     VOLUME   418178.696 3776503.852 190.56
   LOCATION L0000266     VOLUME   418178.696 3776513.852 190.61
   LOCATION L0000267     VOLUME   418178.847 3776523.700 190.68
   LOCATION L0000268     VOLUME   418188.847 3776523.670 190.82
   LOCATION L0000269     VOLUME   418198.847 3776523.640 190.95
   LOCATION L0000270     VOLUME   418208.847 3776523.610 191.08
   LOCATION L0000271     VOLUME   418218.847 3776523.580 191.22
   LOCATION L0000272     VOLUME   418228.847 3776523.550 191.36
   LOCATION L0000273     VOLUME   418232.657 3776517.164 191.36
   LOCATION L0000274     VOLUME   418232.953 3776507.168 191.31
   LOCATION L0000275     VOLUME   418233.249 3776497.172 191.31
```

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   LOCATION L0000276     VOLUME   418233.545 3776487.177 191.31
   LOCATION L0000277     VOLUME   418233.841 3776477.181 191.30
   LOCATION L0000278     VOLUME   418226.656 3776474.534 191.21
   LOCATION L0000279     VOLUME   418216.656 3776474.651 191.11
   LOCATION L0000280     VOLUME   418206.657 3776474.768 191.01
   LOCATION L0000281     VOLUME   418196.658 3776474.884 190.87
   LOCATION L0000282     VOLUME   418192.314 3776480.696 190.78
   LOCATION L0000283     VOLUME   418192.128 3776490.695 190.77
   LOCATION L0000284     VOLUME   418191.942 3776500.693 190.76
   LOCATION L0000285     VOLUME   418192.815 3776509.664 190.76
   LOCATION L0000286     VOLUME   418202.814 3776509.775 190.89
   LOCATION L0000287     VOLUME   418212.814 3776509.887 191.03
   LOCATION L0000288     VOLUME   418220.696 3776507.842 191.13
   LOCATION L0000289     VOLUME   418220.766 3776497.843 191.15
   LOCATION L0000290     VOLUME   418220.835 3776487.843 191.16
   LOCATION L0000291     VOLUME   418213.146 3776491.626 191.06
** End of LINE VOLUME Source ID = SLINE5
** Source Parameters **
** LINE VOLUME Source ID = SLINE1
   SRCPARAM L0000138        0.0073      5.00      4.65      4.65
   SRCPARAM L0000139        0.0073      5.00      4.65      4.65
   SRCPARAM L0000140        0.0073      5.00      4.65      4.65
   SRCPARAM L0000141        0.0073      5.00      4.65      4.65
   SRCPARAM L0000142        0.0073      5.00      4.65      4.65
   SRCPARAM L0000143        0.0073      5.00      4.65      4.65
   SRCPARAM L0000144        0.0073      5.00      4.65      4.65
   SRCPARAM L0000145        0.0073      5.00      4.65      4.65
   SRCPARAM L0000146        0.0073      5.00      4.65      4.65
   SRCPARAM L0000147        0.0073      5.00      4.65      4.65
   SRCPARAM L0000148        0.0073      5.00      4.65      4.65
   SRCPARAM L0000149        0.0073      5.00      4.65      4.65
   SRCPARAM L0000150        0.0073      5.00      4.65      4.65
   SRCPARAM L0000151        0.0073      5.00      4.65      4.65
   SRCPARAM L0000152        0.0073      5.00      4.65      4.65
   SRCPARAM L0000153        0.0073      5.00      4.65      4.65
   SRCPARAM L0000154        0.0073      5.00      4.65      4.65
   SRCPARAM L0000155        0.0073      5.00      4.65      4.65
   SRCPARAM L0000156        0.0073      5.00      4.65      4.65
   SRCPARAM L0000157        0.0073      5.00      4.65      4.65
   SRCPARAM L0000158        0.0073      5.00      4.65      4.65
   SRCPARAM L0000159        0.0073      5.00      4.65      4.65
   SRCPARAM L0000160        0.0073      5.00      4.65      4.65
   SRCPARAM L0000161        0.0073      5.00      4.65      4.65
   SRCPARAM L0000162        0.0073      5.00      4.65      4.65
** ----------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE2
   SRCPARAM L0000163        0.0073      5.00      4.65      4.65
   SRCPARAM L0000164        0.0073      5.00      4.65      4.65
   SRCPARAM L0000165        0.0073      5.00      4.65      4.65
   SRCPARAM L0000166        0.0073      5.00      4.65      4.65
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   SRCPARAM L0000167        0.0073      5.00      4.65      4.65
   SRCPARAM L0000168        0.0073      5.00      4.65      4.65
   SRCPARAM L0000169        0.0073      5.00      4.65      4.65
   SRCPARAM L0000170        0.0073      5.00      4.65      4.65
   SRCPARAM L0000171        0.0073      5.00      4.65      4.65
   SRCPARAM L0000172        0.0073      5.00      4.65      4.65
   SRCPARAM L0000173        0.0073      5.00      4.65      4.65
   SRCPARAM L0000174        0.0073      5.00      4.65      4.65
   SRCPARAM L0000175        0.0073      5.00      4.65      4.65
   SRCPARAM L0000176        0.0073      5.00      4.65      4.65
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE3
   SRCPARAM L0000223        0.0073      5.00      4.65      4.65
   SRCPARAM L0000224        0.0073      5.00      4.65      4.65
   SRCPARAM L0000225        0.0073      5.00      4.65      4.65
   SRCPARAM L0000226        0.0073      5.00      4.65      4.65
   SRCPARAM L0000227        0.0073      5.00      4.65      4.65
   SRCPARAM L0000228        0.0073      5.00      4.65      4.65
   SRCPARAM L0000229        0.0073      5.00      4.65      4.65
   SRCPARAM L0000230        0.0073      5.00      4.65      4.65
   SRCPARAM L0000231        0.0073      5.00      4.65      4.65
   SRCPARAM L0000232        0.0073      5.00      4.65      4.65
   SRCPARAM L0000233        0.0073      5.00      4.65      4.65
   SRCPARAM L0000234        0.0073      5.00      4.65      4.65
   SRCPARAM L0000235        0.0073      5.00      4.65      4.65
   SRCPARAM L0000236        0.0073      5.00      4.65      4.65
   SRCPARAM L0000237        0.0073      5.00      4.65      4.65
   SRCPARAM L0000238        0.0073      5.00      4.65      4.65
   SRCPARAM L0000239        0.0073      5.00      4.65      4.65
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE4
   SRCPARAM L0000194        0.0073      5.00      4.65      4.65
   SRCPARAM L0000195        0.0073      5.00      4.65      4.65
   SRCPARAM L0000196        0.0073      5.00      4.65      4.65
   SRCPARAM L0000197        0.0073      5.00      4.65      4.65
   SRCPARAM L0000198        0.0073      5.00      4.65      4.65
   SRCPARAM L0000199        0.0073      5.00      4.65      4.65
   SRCPARAM L0000200        0.0073      5.00      4.65      4.65
   SRCPARAM L0000201        0.0073      5.00      4.65      4.65
   SRCPARAM L0000202        0.0073      5.00      4.65      4.65
   SRCPARAM L0000203        0.0073      5.00      4.65      4.65
   SRCPARAM L0000204        0.0073      5.00      4.65      4.65
   SRCPARAM L0000205        0.0073      5.00      4.65      4.65
   SRCPARAM L0000206        0.0073      5.00      4.65      4.65
   SRCPARAM L0000207        0.0073      5.00      4.65      4.65
   SRCPARAM L0000208        0.0073      5.00      4.65      4.65
   SRCPARAM L0000209        0.0073      5.00      4.65      4.65
   SRCPARAM L0000210        0.0073      5.00      4.65      4.65
   SRCPARAM L0000211        0.0073      5.00      4.65      4.65
   SRCPARAM L0000212        0.0073      5.00      4.65      4.65
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   SRCPARAM L0000213        0.0073      5.00      4.65      4.65
   SRCPARAM L0000214        0.0073      5.00      4.65      4.65
   SRCPARAM L0000215        0.0073      5.00      4.65      4.65
   SRCPARAM L0000216        0.0073      5.00      4.65      4.65
   SRCPARAM L0000217        0.0073      5.00      4.65      4.65
   SRCPARAM L0000218        0.0073      5.00      4.65      4.65
   SRCPARAM L0000219        0.0073      5.00      4.65      4.65
   SRCPARAM L0000220        0.0073      5.00      4.65      4.65
   SRCPARAM L0000221        0.0073      5.00      4.65      4.65
   SRCPARAM L0000222        0.0073      5.00      4.65      4.65
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE5
   SRCPARAM L0000240        0.0073      5.00      4.65      4.65
   SRCPARAM L0000241        0.0073      5.00      4.65      4.65
   SRCPARAM L0000242        0.0073      5.00      4.65      4.65
   SRCPARAM L0000243        0.0073      5.00      4.65      4.65
   SRCPARAM L0000244        0.0073      5.00      4.65      4.65
   SRCPARAM L0000245        0.0073      5.00      4.65      4.65
   SRCPARAM L0000246        0.0073      5.00      4.65      4.65
   SRCPARAM L0000247        0.0073      5.00      4.65      4.65
   SRCPARAM L0000248        0.0073      5.00      4.65      4.65
   SRCPARAM L0000249        0.0073      5.00      4.65      4.65
   SRCPARAM L0000250        0.0073      5.00      4.65      4.65
   SRCPARAM L0000251        0.0073      5.00      4.65      4.65
   SRCPARAM L0000252        0.0073      5.00      4.65      4.65
   SRCPARAM L0000253        0.0073      5.00      4.65      4.65
   SRCPARAM L0000254        0.0073      5.00      4.65      4.65
   SRCPARAM L0000255        0.0073      5.00      4.65      4.65
   SRCPARAM L0000256        0.0073      5.00      4.65      4.65
   SRCPARAM L0000257        0.0073      5.00      4.65      4.65
   SRCPARAM L0000258        0.0073      5.00      4.65      4.65
   SRCPARAM L0000259        0.0073      5.00      4.65      4.65
   SRCPARAM L0000260        0.0073      5.00      4.65      4.65
   SRCPARAM L0000261        0.0073      5.00      4.65      4.65
   SRCPARAM L0000262        0.0073      5.00      4.65      4.65
   SRCPARAM L0000263        0.0073      5.00      4.65      4.65
   SRCPARAM L0000264        0.0073      5.00      4.65      4.65
   SRCPARAM L0000265        0.0073      5.00      4.65      4.65
   SRCPARAM L0000266        0.0073      5.00      4.65      4.65
   SRCPARAM L0000267        0.0073      5.00      4.65      4.65
   SRCPARAM L0000268        0.0073      5.00      4.65      4.65
   SRCPARAM L0000269        0.0073      5.00      4.65      4.65
   SRCPARAM L0000270        0.0073      5.00      4.65      4.65
   SRCPARAM L0000271        0.0073      5.00      4.65      4.65
   SRCPARAM L0000272        0.0073      5.00      4.65      4.65
   SRCPARAM L0000273        0.0073      5.00      4.65      4.65
   SRCPARAM L0000274        0.0073      5.00      4.65      4.65
   SRCPARAM L0000275        0.0073      5.00      4.65      4.65
   SRCPARAM L0000276        0.0073      5.00      4.65      4.65
   SRCPARAM L0000277        0.0073      5.00      4.65      4.65
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   SRCPARAM L0000278        0.0073      5.00      4.65      4.65
   SRCPARAM L0000279        0.0073      5.00      4.65      4.65
   SRCPARAM L0000280        0.0073      5.00      4.65      4.65
   SRCPARAM L0000281        0.0073      5.00      4.65      4.65
   SRCPARAM L0000282        0.0073      5.00      4.65      4.65
   SRCPARAM L0000283        0.0073      5.00      4.65      4.65
   SRCPARAM L0000284        0.0073      5.00      4.65      4.65
   SRCPARAM L0000285        0.0073      5.00      4.65      4.65
   SRCPARAM L0000286        0.0073      5.00      4.65      4.65
   SRCPARAM L0000287        0.0073      5.00      4.65      4.65
   SRCPARAM L0000288        0.0073      5.00      4.65      4.65
   SRCPARAM L0000289        0.0073      5.00      4.65      4.65
   SRCPARAM L0000290        0.0073      5.00      4.65      4.65
   SRCPARAM L0000291        0.0073      5.00      4.65      4.65
** ------------------------------------------------------------------
   URBANSRC ALL

** Variable Emissions Type: "By Hour-of-Day (HROFDY)"
** Variable Emission Scenario: "Scenario 2"
   EMISFACT L0000138     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000138     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000138     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000138     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000139     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000139     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000139     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000139     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000140     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000140     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000140     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000140     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000141     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000141     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000141     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000141     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000142     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000142     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000142     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000142     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000143     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000143     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000143     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000143     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000144     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000144     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000144     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000144     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000145     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000145     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000145     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0000145     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000146     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000146     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000146     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000146     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000147     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000147     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000147     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000147     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000148     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000148     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000148     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000148     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000149     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000149     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000149     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000149     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000150     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000150     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000150     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000150     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000151     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000151     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000151     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000151     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000152     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000152     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000152     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0000153     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000153     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000153     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0000154     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000154     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000154     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000154     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000155     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000155     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000155     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000155     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000156     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000156     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000156     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000156     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000157     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000157     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000157     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000157     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000158     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000158     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000158     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0000159     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000159     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0000160     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000160     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0000161     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000161     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000161     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000162     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000162     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000162     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0000163     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000163     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0000164     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000164     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000164     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0000165     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0000167     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0000168     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000169     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0000170     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0000170     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000223     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000225     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000225     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000225     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0000226     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000226     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000226     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000226     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000227     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000227     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000227     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000227     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000228     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000228     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000228     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000229     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000229     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000229     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0000230     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000230     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000230     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000231     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0000232     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0000233     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000233     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0000234     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000234     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0000235     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0000236     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0000195     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0000263     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000264     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000264     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000264     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000264     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000265     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000265     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000265     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000265     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000266     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000266     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000266     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000266     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000267     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000267     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000267     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000267     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000268     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000268     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000268     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000268     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000269     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000269     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000269     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000269     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000270     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000270     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000270     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000270     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000271     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000271     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000271     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000271     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000272     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000272     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000272     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000272     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000273     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000273     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000273     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000273     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000274     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000274     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000274     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000274     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000275     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000275     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000275     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000275     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000276     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000276     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000276     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000276     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000277     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000277     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000277     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000277     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000278     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000278     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000278     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000278     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000279     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000279     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000279     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000279     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000280     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000280     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000280     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000280     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000281     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000281     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000281     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000281     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000282     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000282     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000282     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000282     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000283     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000283     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000283     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000283     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000284     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000284     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000284     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000284     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000285     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000285     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000285     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000285     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000286     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000286     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000286     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000286     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000287     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000287     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000287     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
```

```
   EMISFACT L0000287     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000288     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000288     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000288     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000288     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000289     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000289     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000289     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000289     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000290     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000290     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000290     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000290     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000291     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000291     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000291     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000291     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
   SRCGROUP ALL
SO FINISHED
**
****************************************
** AERMOD Receptor Pathway
****************************************
**
**
RE STARTING
   INCLUDED "Delaney Square Onsite.rou"
RE FINISHED
**
****************************************
** AERMOD Meteorology Pathway
****************************************
**
**
ME STARTING
   SURFFILE "SCAQMD Met Data Azusa\AZUS_V11_trimmed.sfc"
   PROFFILE "SCAQMD Met Data Azusa\AZUS_V11_trimmed.PFL"
   SURFDATA 3179 2017 Azusa
   UAIRDATA 3190 2017
   SITEDATA 60370002 2017
   PROFBASE 187.0 METERS
ME FINISHED
**
****************************************
** AERMOD Output Pathway
****************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
```

```
   RECTABLE 1 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST "DELANEY SQUARE ONSITE.AD\01H1GALL.PLT" 31
   PLOTFILE PERIOD ALL "DELANEY SQUARE ONSITE.AD\PE00GALL.PLT" 32
   SUMMFILE "Delaney Square Onsite.sum"
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W186     990       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
     0.50
 ME W187     990       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET


 ***********************************
 *** SETUP Finishes Successfully ***
 ***********************************

 *** AERMOD - VERSION 24142  ***   *** C:\Users\cpaludi\OneDrive -
Dudek\Desktop\HRA\Delaney Square\Delaney ***        10/22/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        15:15:05

                                  PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                             ***     MODEL SETUP OPTIONS SUMMARY
 ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - -

 ** Model Options Selected:
      * Model Uses Regulatory DEFAULT Options
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
```

```
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
      * Stack-tip Downwash.
      * Model Accounts for ELEVated Terrain Effects.
      * Use Calms Processing Routine.
      * Use Missing Data Processing Routine.
      * No Exponential Decay.
      * Model Uses URBAN Dispersion Algorithm for the SBL for   137 Source(s),
        for Total of    1 Urban Area(s):
   Urban Population =   9832684.0 ;  Urban Roughness Length =  1.000 m
      * Urban Roughness Length of 1.0 Meter Used.
      * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
      * CCVR_Sub - Meteorological data includes CCVR substitutions
      * TEMP_Sub - Meteorological data includes TEMP substitutions
      * Model Assumes No FLAGPOLE Receptor Heights.
      * The User Specified a Pollutant Type of: PM_10

 **Model Calculates  1 Short Term Average(s) of:   1-HR
     and Calculates PERIOD Averages

 **This Run Includes:    137 Source(s);       1 Source Group(s); and       8
Receptor(s)

                with:      0 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:    137 VOLUME source(s)
                 and:      0 AREA type source(s)
                 and:      0 LINE source(s)
                 and:      0 RLINE/RLINEXT source(s)
                 and:      0 OPENPIT source(s)
                 and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
                 and:      0 SWPOINT source(s)


 **Model Set To Continue RUNning After the Setup Testing.

 **The AERMET Input Meteorological Data Version Date:  22112

 **Output Options Selected:
          Model Outputs Tables of PERIOD Averages by Receptor
          Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE
Keyword)
          Model Outputs External File(s) of High Values for Plotting (PLOTFILE
Keyword)
          Model Outputs Separate Summary File of High Ranked Values (SUMMFILE
Keyword)

 **NOTE:  The Following Flags May Appear Following CONC Values:  c for Calm Hours
                                                                 m for Missing Hours
                                                                 b for Both Calm and
Missing Hours
```

```
 **Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =   187.00 ;  Decay
Coef. =    0.000     ;  Rot. Angle =     0.0
                  Emission Units = GRAMS/SEC                              ;
Emission Rate Unit Factor =   0.10000E+07
                  Output Units   = MICROGRAMS/M**3

 **Approximate Storage Requirements of Model =      3.6 MB of RAM.

 **Input Runstream File:          aermod.inp

 **Output Print File:             aermod.out


 **Detailed Error/Message File:   Delaney Square Onsite.err

 **File for Summary of Results:   Delaney Square Onsite.sum

 *** AERMOD - VERSION 24142  ***   *** C:\Users\cpaludi\OneDrive -
Dudek\Desktop\HRA\Delaney Square\Delaney ***        10/22/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        15:15:05

                                 PAGE   2
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                   *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - -

 L0000138         0   0.73000E-02  418131.4 3776461.6   189.6     5.00     4.65
4.65     YES   HROFDY           NO
 L0000139         0   0.73000E-02  418131.3 3776471.6   189.7     5.00     4.65
4.65     YES   HROFDY           NO
 L0000140         0   0.73000E-02  418131.3 3776481.6   189.7     5.00     4.65
4.65     YES   HROFDY           NO
 L0000141         0   0.73000E-02  418131.2 3776491.6   189.8     5.00     4.65
4.65     YES   HROFDY           NO
 L0000142         0   0.73000E-02  418131.2 3776501.6   189.9     5.00     4.65
4.65     YES   HROFDY           NO
 L0000143         0   0.73000E-02  418131.1 3776511.6   189.9     5.00     4.65
4.65     YES   HROFDY           NO
```

```
 L0000144         0   0.73000E-02  418131.1 3776521.6   190.0     5.00     4.65
4.65     YES   HROFDY           NO
 L0000145         0   0.73000E-02  418131.0 3776531.6   190.1     5.00     4.65
4.65     YES   HROFDY           NO
 L0000146         0   0.73000E-02  418131.0 3776541.6   190.1     5.00     4.65
4.65     YES   HROFDY           NO
 L0000147         0   0.73000E-02  418130.9 3776551.6   190.2     5.00     4.65
4.65     YES   HROFDY           NO
 L0000148         0   0.73000E-02  418130.9 3776561.6   190.4     5.00     4.65
4.65     YES   HROFDY           NO
 L0000149         0   0.73000E-02  418132.8 3776569.6   190.5     5.00     4.65
4.65     YES   HROFDY           NO
 L0000150         0   0.73000E-02  418142.8 3776569.2   190.6     5.00     4.65
4.65     YES   HROFDY           NO
 L0000151         0   0.73000E-02  418151.0 3776567.0   190.7     5.00     4.65
4.65     YES   HROFDY           NO
 L0000152         0   0.73000E-02  418150.8 3776557.0   190.6     5.00     4.65
4.65     YES   HROFDY           NO
 L0000153         0   0.73000E-02  418150.6 3776547.0   190.5     5.00     4.65
4.65     YES   HROFDY           NO
 L0000154         0   0.73000E-02  418150.4 3776537.0   190.4     5.00     4.65
4.65     YES   HROFDY           NO
 L0000155         0   0.73000E-02  418150.3 3776527.0   190.3     5.00     4.65
4.65     YES   HROFDY           NO
 L0000156         0   0.73000E-02  418150.1 3776517.0   190.2     5.00     4.65
4.65     YES   HROFDY           NO
 L0000157         0   0.73000E-02  418149.9 3776507.0   190.2     5.00     4.65
4.65     YES   HROFDY           NO
 L0000158         0   0.73000E-02  418149.8 3776497.0   190.1     5.00     4.65
4.65     YES   HROFDY           NO
 L0000159         0   0.73000E-02  418149.6 3776487.0   190.0     5.00     4.65
4.65     YES   HROFDY           NO
 L0000160         0   0.73000E-02  418149.4 3776477.0   189.9     5.00     4.65
4.65     YES   HROFDY           NO
 L0000161         0   0.73000E-02  418149.3 3776467.0   189.9     5.00     4.65
4.65     YES   HROFDY           NO
 L0000162         0   0.73000E-02  418143.6 3776460.8   189.7     5.00     4.65
4.65     YES   HROFDY           NO
 L0000163         0   0.73000E-02  418171.3 3776569.8   191.0     5.00     4.65
4.65     YES   HROFDY           NO
 L0000164         0   0.73000E-02  418181.3 3776569.9   191.1     5.00     4.65
4.65     YES   HROFDY           NO
 L0000165         0   0.73000E-02  418191.3 3776569.9   191.3     5.00     4.65
4.65     YES   HROFDY           NO
 L0000166         0   0.73000E-02  418201.3 3776569.9   191.4     5.00     4.65
4.65     YES   HROFDY           NO
 L0000167         0   0.73000E-02  418211.3 3776569.9   191.5     5.00     4.65
4.65     YES   HROFDY           NO
 L0000168         0   0.73000E-02  418221.3 3776569.9   191.6     5.00     4.65
4.65     YES   HROFDY           NO
```

```
 L0000169         0   0.73000E-02  418231.3 3776569.9   191.8     5.00     4.65
4.65     YES   HROFDY           NO
 L0000170         0   0.73000E-02  418241.3 3776570.0   191.9     5.00     4.65
4.65     YES   HROFDY           NO
 L0000171         0   0.73000E-02  418251.3 3776570.0   192.1     5.00     4.65
4.65     YES   HROFDY           NO
 L0000172         0   0.73000E-02  418261.3 3776570.0   192.2     5.00     4.65
4.65     YES   HROFDY           NO
 L0000173         0   0.73000E-02  418271.3 3776570.0   192.4     5.00     4.65
4.65     YES   HROFDY           NO
 L0000174         0   0.73000E-02  418281.3 3776570.0   192.6     5.00     4.65
4.65     YES   HROFDY           NO
 L0000175         0   0.73000E-02  418291.3 3776570.0   192.7     5.00     4.65
4.65     YES   HROFDY           NO
 L0000176         0   0.73000E-02  418301.3 3776570.1   192.9     5.00     4.65
4.65     YES   HROFDY           NO
 L0000223         0   0.73000E-02  418171.3 3776423.8   190.1     5.00     4.65
4.65     YES   HROFDY           NO
```



```
                                                  *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - -

 L0000224         0   0.73000E-02  418181.3 3776423.6   190.3     5.00     4.65
4.65     YES   HROFDY           NO
 L0000225         0   0.73000E-02  418191.3 3776423.5   190.5     5.00     4.65
4.65     YES   HROFDY           NO
 L0000226         0   0.73000E-02  418201.3 3776423.4   190.7     5.00     4.65
4.65     YES   HROFDY           NO
 L0000227         0   0.73000E-02  418211.3 3776423.2   190.8     5.00     4.65
4.65     YES   HROFDY           NO
 L0000228         0   0.73000E-02  418221.3 3776423.1   190.8     5.00     4.65
4.65     YES   HROFDY           NO
 L0000229         0   0.73000E-02  418231.3 3776422.9   190.9     5.00     4.65
4.65     YES   HROFDY           NO
```

```
 L0000230         0   0.73000E-02  418241.3 3776422.8   191.0     5.00     4.65
4.65     YES   HROFDY           NO
 L0000231         0   0.73000E-02  418242.1 3776413.2   191.0     5.00     4.65
4.65     YES   HROFDY           NO
 L0000232         0   0.73000E-02  418242.6 3776403.2   190.8     5.00     4.65
4.65     YES   HROFDY           NO
 L0000233         0   0.73000E-02  418233.5 3776402.4   190.7     5.00     4.65
4.65     YES   HROFDY           NO
 L0000234         0   0.73000E-02  418223.5 3776402.5   190.5     5.00     4.65
4.65     YES   HROFDY           NO
 L0000235         0   0.73000E-02  418213.5 3776402.6   190.5     5.00     4.65
4.65     YES   HROFDY           NO
 L0000236         0   0.73000E-02  418203.5 3776402.7   190.4     5.00     4.65
4.65     YES   HROFDY           NO
 L0000237         0   0.73000E-02  418193.5 3776402.7   190.2     5.00     4.65
4.65     YES   HROFDY           NO
 L0000238         0   0.73000E-02  418183.5 3776402.8   190.0     5.00     4.65
4.65     YES   HROFDY           NO
 L0000239         0   0.73000E-02  418173.5 3776402.9   189.8     5.00     4.65
4.65     YES   HROFDY           NO
 L0000194         0   0.73000E-02  418278.1 3776403.5   191.2     5.00     4.65
4.65     YES   HROFDY           NO
 L0000195         0   0.73000E-02  418278.1 3776413.5   191.3     5.00     4.65
4.65     YES   HROFDY           NO
 L0000196         0   0.73000E-02  418278.1 3776423.5   191.4     5.00     4.65
4.65     YES   HROFDY           NO
 L0000197         0   0.73000E-02  418278.1 3776433.5   191.4     5.00     4.65
4.65     YES   HROFDY           NO
 L0000198         0   0.73000E-02  418278.1 3776443.5   191.5     5.00     4.65
4.65     YES   HROFDY           NO
 L0000199         0   0.73000E-02  418278.1 3776453.5   191.6     5.00     4.65
4.65     YES   HROFDY           NO
 L0000200         0   0.73000E-02  418278.1 3776463.5   191.7     5.00     4.65
4.65     YES   HROFDY           NO
 L0000201         0   0.73000E-02  418278.1 3776473.5   191.7     5.00     4.65
4.65     YES   HROFDY           NO
 L0000202         0   0.73000E-02  418278.1 3776483.5   191.8     5.00     4.65
4.65     YES   HROFDY           NO
 L0000203         0   0.73000E-02  418278.1 3776493.5   191.9     5.00     4.65
4.65     YES   HROFDY           NO
 L0000204         0   0.73000E-02  418278.1 3776503.5   192.0     5.00     4.65
4.65     YES   HROFDY           NO
 L0000205         0   0.73000E-02  418278.1 3776513.5   192.0     5.00     4.65
4.65     YES   HROFDY           NO
 L0000206         0   0.73000E-02  418278.1 3776523.5   192.1     5.00     4.65
4.65     YES   HROFDY           NO
 L0000207         0   0.73000E-02  418278.1 3776533.5   192.2     5.00     4.65
4.65     YES   HROFDY           NO
 L0000208         0   0.73000E-02  418288.0 3776533.4   192.3     5.00     4.65
4.65     YES   HROFDY           NO
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 L0000209         0   0.73000E-02  418298.0 3776533.3   192.5     5.00     4.65
4.65     YES   HROFDY           NO
 L0000210         0   0.73000E-02  418298.1 3776523.3   192.4     5.00     4.65
4.65     YES   HROFDY           NO
 L0000211         0   0.73000E-02  418298.1 3776513.3   192.3     5.00     4.65
4.65     YES   HROFDY           NO
 L0000212         0   0.73000E-02  418298.1 3776503.3   192.2     5.00     4.65
4.65     YES   HROFDY           NO
 L0000213         0   0.73000E-02  418298.0 3776493.3   192.1     5.00     4.65
4.65     YES   HROFDY           NO
 L0000214         0   0.73000E-02  418298.0 3776483.3   192.0     5.00     4.65
4.65     YES   HROFDY           NO
 L0000215         0   0.73000E-02  418298.0 3776473.3   191.9     5.00     4.65
4.65     YES   HROFDY           NO
 L0000216         0   0.73000E-02  418298.0 3776463.3   191.8     5.00     4.65
4.65     YES   HROFDY           NO
 L0000217         0   0.73000E-02  418298.0 3776453.3   191.7     5.00     4.65
4.65     YES   HROFDY           NO
 *** AERMOD - VERSION 24142  ***   *** C:\Users\cpaludi\OneDrive -
Dudek\Desktop\HRA\Delaney Square\Delaney ***        10/22/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        15:15:05

                                 PAGE   4
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                   *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - -

 L0000218         0   0.73000E-02  418298.0 3776443.3   191.6     5.00     4.65
4.65     YES   HROFDY           NO
 L0000219         0   0.73000E-02  418298.0 3776433.3   191.5     5.00     4.65
4.65     YES   HROFDY           NO
 L0000220         0   0.73000E-02  418298.0 3776423.3   191.4     5.00     4.65
4.65     YES   HROFDY           NO
 L0000221         0   0.73000E-02  418298.0 3776413.3   191.4     5.00     4.65
4.65     YES   HROFDY           NO
 L0000222         0   0.73000E-02  418298.0 3776403.3   191.3     5.00     4.65
4.65     YES   HROFDY           NO
 L0000240         0   0.73000E-02  418181.8 3776535.6   190.8     5.00     4.65
4.65     YES   HROFDY           NO
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 L0000241         0   0.73000E-02  418191.8 3776535.5   190.9     5.00     4.65
4.65     YES   HROFDY           NO
 L0000242         0   0.73000E-02  418201.8 3776535.4   191.1     5.00     4.65
4.65     YES   HROFDY           NO
 L0000243         0   0.73000E-02  418211.8 3776535.2   191.2     5.00     4.65
4.65     YES   HROFDY           NO
 L0000244         0   0.73000E-02  418221.8 3776535.1   191.3     5.00     4.65
4.65     YES   HROFDY           NO
 L0000245         0   0.73000E-02  418231.8 3776535.0   191.5     5.00     4.65
4.65     YES   HROFDY           NO
 L0000246         0   0.73000E-02  418241.8 3776534.9   191.7     5.00     4.65
4.65     YES   HROFDY           NO
 L0000247         0   0.73000E-02  418245.8 3776528.8   191.7     5.00     4.65
4.65     YES   HROFDY           NO
 L0000248         0   0.73000E-02  418245.9 3776518.8   191.6     5.00     4.65
4.65     YES   HROFDY           NO
 L0000249         0   0.73000E-02  418246.0 3776508.8   191.5     5.00     4.65
4.65     YES   HROFDY           NO
 L0000250         0   0.73000E-02  418246.1 3776498.8   191.5     5.00     4.65
4.65     YES   HROFDY           NO
 L0000251         0   0.73000E-02  418246.2 3776488.8   191.5     5.00     4.65
4.65     YES   HROFDY           NO
 L0000252         0   0.73000E-02  418246.3 3776478.8   191.5     5.00     4.65
4.65     YES   HROFDY           NO
 L0000253         0   0.73000E-02  418246.4 3776468.8   191.4     5.00     4.65
4.65     YES   HROFDY           NO
 L0000254         0   0.73000E-02  418245.1 3776460.2   191.4     5.00     4.65
4.65     YES   HROFDY           NO
 L0000255         0   0.73000E-02  418235.1 3776460.2   191.2     5.00     4.65
4.65     YES   HROFDY           NO
 L0000256         0   0.73000E-02  418225.1 3776460.2   191.1     5.00     4.65
4.65     YES   HROFDY           NO
 L0000257         0   0.73000E-02  418215.1 3776460.2   191.0     5.00     4.65
4.65     YES   HROFDY           NO
 L0000258         0   0.73000E-02  418205.1 3776460.2   191.0     5.00     4.65
4.65     YES   HROFDY           NO
 L0000259         0   0.73000E-02  418195.1 3776460.2   190.8     5.00     4.65
4.65     YES   HROFDY           NO
 L0000260         0   0.73000E-02  418185.1 3776460.2   190.6     5.00     4.65
4.65     YES   HROFDY           NO
 L0000261         0   0.73000E-02  418178.7 3776463.9   190.4     5.00     4.65
4.65     YES   HROFDY           NO
 L0000262         0   0.73000E-02  418178.7 3776473.9   190.5     5.00     4.65
4.65     YES   HROFDY           NO
 L0000263         0   0.73000E-02  418178.7 3776483.9   190.5     5.00     4.65
4.65     YES   HROFDY           NO
 L0000264         0   0.73000E-02  418178.7 3776493.9   190.5     5.00     4.65
4.65     YES   HROFDY           NO
 L0000265         0   0.73000E-02  418178.7 3776503.9   190.6     5.00     4.65
4.65     YES   HROFDY           NO
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 L0000266         0   0.73000E-02  418178.7 3776513.9   190.6     5.00     4.65
4.65     YES   HROFDY           NO
 L0000267         0   0.73000E-02  418178.8 3776523.7   190.7     5.00     4.65
4.65     YES   HROFDY           NO
 L0000268         0   0.73000E-02  418188.8 3776523.7   190.8     5.00     4.65
4.65     YES   HROFDY           NO
 L0000269         0   0.73000E-02  418198.8 3776523.6   191.0     5.00     4.65
4.65     YES   HROFDY           NO
 L0000270         0   0.73000E-02  418208.8 3776523.6   191.1     5.00     4.65
4.65     YES   HROFDY           NO
 L0000271         0   0.73000E-02  418218.8 3776523.6   191.2     5.00     4.65
4.65     YES   HROFDY           NO
 L0000272         0   0.73000E-02  418228.8 3776523.5   191.4     5.00     4.65
4.65     YES   HROFDY           NO
 L0000273         0   0.73000E-02  418232.7 3776517.2   191.4     5.00     4.65
4.65     YES   HROFDY           NO
 L0000274         0   0.73000E-02  418233.0 3776507.2   191.3     5.00     4.65
4.65     YES   HROFDY           NO
```



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                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - -

 L0000275         0   0.73000E-02  418233.2 3776497.2   191.3     5.00     4.65
4.65     YES   HROFDY           NO
 L0000276         0   0.73000E-02  418233.5 3776487.2   191.3     5.00     4.65
4.65     YES   HROFDY           NO
 L0000277         0   0.73000E-02  418233.8 3776477.2   191.3     5.00     4.65
4.65     YES   HROFDY           NO
 L0000278         0   0.73000E-02  418226.7 3776474.5   191.2     5.00     4.65
4.65     YES   HROFDY           NO
 L0000279         0   0.73000E-02  418216.7 3776474.7   191.1     5.00     4.65
4.65     YES   HROFDY           NO
 L0000280         0   0.73000E-02  418206.7 3776474.8   191.0     5.00     4.65
4.65     YES   HROFDY           NO
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 L0000281         0   0.73000E-02  418196.7 3776474.9   190.9     5.00     4.65
4.65     YES   HROFDY           NO
 L0000282         0   0.73000E-02  418192.3 3776480.7   190.8     5.00     4.65
4.65     YES   HROFDY           NO
 L0000283         0   0.73000E-02  418192.1 3776490.7   190.8     5.00     4.65
4.65     YES   HROFDY           NO
 L0000284         0   0.73000E-02  418191.9 3776500.7   190.8     5.00     4.65
4.65     YES   HROFDY           NO
 L0000285         0   0.73000E-02  418192.8 3776509.7   190.8     5.00     4.65
4.65     YES   HROFDY           NO
 L0000286         0   0.73000E-02  418202.8 3776509.8   190.9     5.00     4.65
4.65     YES   HROFDY           NO
 L0000287         0   0.73000E-02  418212.8 3776509.9   191.0     5.00     4.65
4.65     YES   HROFDY           NO
 L0000288         0   0.73000E-02  418220.7 3776507.8   191.1     5.00     4.65
4.65     YES   HROFDY           NO
 L0000289         0   0.73000E-02  418220.8 3776497.8   191.2     5.00     4.65
4.65     YES   HROFDY           NO
 L0000290         0   0.73000E-02  418220.8 3776487.8   191.2     5.00     4.65
4.65     YES   HROFDY           NO
 L0000291         0   0.73000E-02  418213.1 3776491.6   191.1     5.00     4.65
4.65     YES   HROFDY           NO
 *** AERMOD - VERSION 24142  ***   *** C:\Users\cpaludi\OneDrive -
Dudek\Desktop\HRA\Delaney Square\Delaney ***        10/22/25
 *** AERMET - VERSION  22112 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                                SOURCE IDs
 -----------                                                ----------


  ALL        L0000138    , L0000139    , L0000140    , L0000141    , L0000142    ,
L0000143    , L0000144    , L0000145    ,

             L0000146    , L0000147    , L0000148    , L0000149    , L0000150    ,
L0000151    , L0000152    , L0000153    ,

             L0000154    , L0000155    , L0000156    , L0000157    , L0000158    ,
L0000159    , L0000160    , L0000161    ,

             L0000162    , L0000163    , L0000164    , L0000165    , L0000166    ,
L0000167    , L0000168    , L0000169    ,

             L0000170    , L0000171    , L0000172    , L0000173    , L0000174    ,
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L0000175    , L0000176    , L0000223    ,

             L0000224    , L0000225    , L0000226    , L0000227    , L0000228    ,
L0000229    , L0000230    , L0000231    ,

             L0000232    , L0000233    , L0000234    , L0000235    , L0000236    ,
L0000237    , L0000238    , L0000239    ,

             L0000194    , L0000195    , L0000196    , L0000197    , L0000198    ,
L0000199    , L0000200    , L0000201    ,

             L0000202    , L0000203    , L0000204    , L0000205    , L0000206    ,
L0000207    , L0000208    , L0000209    ,

             L0000210    , L0000211    , L0000212    , L0000213    , L0000214    ,
L0000215    , L0000216    , L0000217    ,

             L0000218    , L0000219    , L0000220    , L0000221    , L0000222    ,
L0000240    , L0000241    , L0000242    ,

             L0000243    , L0000244    , L0000245    , L0000246    , L0000247    ,
L0000248    , L0000249    , L0000250    ,

             L0000251    , L0000252    , L0000253    , L0000254    , L0000255    ,
L0000256    , L0000257    , L0000258    ,

             L0000259    , L0000260    , L0000261    , L0000262    , L0000263    ,
L0000264    , L0000265    , L0000266    ,

             L0000267    , L0000268    , L0000269    , L0000270    , L0000271    ,
L0000272    , L0000273    , L0000274    ,

             L0000275    , L0000276    , L0000277    , L0000278    , L0000279    ,
L0000280    , L0000281    , L0000282    ,

             L0000283    , L0000284    , L0000285    , L0000286    , L0000287    ,
L0000288    , L0000289    , L0000290    ,

             L0000291    ,
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINED AS URBAN SOURCES
***
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URBAN ID	URBAN POP	SOURCE IDs
	9832684.	L0000138 , L0000139 , L0000140 , L0000141 , L0000142 , L0000143 , L0000144 , L0000145 ,
		L0000146 , L0000147 , L0000148 , L0000149 , L0000150 , L0000151 , L0000152 , L0000153 ,
		L0000154 , L0000155 , L0000156 , L0000157 , L0000158 , L0000159 , L0000160 , L0000161 ,
		L0000162 , L0000163 , L0000164 , L0000165 , L0000166 , L0000167 , L0000168 , L0000169 ,
		L0000170 , L0000171 , L0000172 , L0000173 , L0000174 , L0000175 , L0000176 , L0000223 ,
		L0000224 , L0000225 , L0000226 , L0000227 , L0000228 , L0000229 , L0000230 , L0000231 ,
		L0000232 , L0000233 , L0000234 , L0000235 , L0000236 , L0000237 , L0000238 , L0000239 ,
		L0000194 , L0000195 , L0000196 , L0000197 , L0000198 , L0000199 , L0000200 , L0000201 ,
		L0000202 , L0000203 , L0000204 , L0000205 , L0000206 , L0000207 , L0000208 , L0000209 ,
		L0000210 , L0000211 , L0000212 , L0000213 , L0000214 , L0000215 , L0000216 , L0000217 ,
		L0000218 , L0000219 , L0000220 , L0000221 , L0000222 , L0000240 , L0000241 , L0000242 ,
		L0000243 , L0000244 , L0000245 , L0000246 , L0000247 , L0000248 , L0000249 , L0000250 ,
		L0000251 , L0000252 , L0000253 , L0000254 , L0000255 , L0000256 , L0000257 , L0000258 ,
		L0000259 , L0000260 , L0000261 , L0000262 , L0000263 , L0000264 , L0000265 , L0000266 ,
		L0000267 , L0000268 , L0000269 , L0000270 , L0000271 , L0000272 , L0000273 , L0000274 ,

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             L0000275    , L0000276    , L0000277    , L0000278    , L0000279    ,
L0000280    , L0000281    , L0000282    ,

             L0000283    , L0000284    , L0000285    , L0000286    , L0000287    ,
L0000288    , L0000289    , L0000290    ,

             L0000291    ,
```



```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0000138     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000139     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000140     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
```

```
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000141     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000142     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION 24142  ***   *** C:\Users\cpaludi\OneDrive -
Dudek\Desktop\HRA\Delaney Square\Delaney ***        10/22/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        15:15:05

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0000143     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
```

```
11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
23   .00000E+00     24   .00000E+00


SOURCE ID = L0000144     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
 5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
23   .00000E+00     24   .00000E+00


SOURCE ID = L0000145     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
 5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
23   .00000E+00     24   .00000E+00


SOURCE ID = L0000146     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
 5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
23   .00000E+00     24   .00000E+00


SOURCE ID = L0000147     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
 5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
23   .00000E+00     24   .00000E+00
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = L0000148 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = L0000149 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = L0000150 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

```
 SOURCE ID = L0000151     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000152     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00

↑ *** AERMOD - VERSION 24142  ***   *** C:\Users\cpaludi\OneDrive -
Dudek\Desktop\HRA\Delaney Square\Delaney ***        10/22/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        15:15:05

                                  PAGE  11
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0000153     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000154     ; SOURCE TYPE = VOLUME   :
```

```
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
 5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
23   .00000E+00     24   .00000E+00


SOURCE ID = L0000155     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
 5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
23   .00000E+00     24   .00000E+00


SOURCE ID = L0000156     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
 5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
23   .00000E+00     24   .00000E+00


SOURCE ID = L0000157     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
 5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
23   .00000E+00     24   .00000E+00
```

```
                              * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0000158     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000159     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000160     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000161     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
```

```
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000162     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00

↑ *** AERMOD - VERSION 24142  ***   *** C:\Users\cpaludi\OneDrive -
Dudek\Desktop\HRA\Delaney Square\Delaney ***        10/22/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        15:15:05

                                 PAGE  13
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0000163     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000164     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00
```

```
 SOURCE ID = L0000165     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000166     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000167     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00

↑ *** AERMOD - VERSION 24142  ***   *** C:\Users\cpaludi\OneDrive -
Dudek\Desktop\HRA\Delaney Square\Delaney ***        10/22/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        15:15:05

                                  PAGE  14
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
```

```
SOURCE ID = L0000168     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
 5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
23   .00000E+00     24   .00000E+00


SOURCE ID = L0000169     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
 5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
23   .00000E+00     24   .00000E+00


SOURCE ID = L0000170     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
 5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
23   .00000E+00     24   .00000E+00


SOURCE ID = L0000171     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
 5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
23   .00000E+00     24   .00000E+00


SOURCE ID = L0000172     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
 5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
11   .10000E+01     12   .10000E+01
```

```
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION 24142  ***   *** C:\Users\cpaludi\OneDrive -
Dudek\Desktop\HRA\Delaney Square\Delaney ***        10/22/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        15:15:05

                                 PAGE  15
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0000173     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000174     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000175     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
```

```
 17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000176     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000223     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00

🡅 *** AERMOD - VERSION 24142  ***   *** C:\Users\cpaludi\OneDrive -
Dudek\Desktop\HRA\Delaney Square\Delaney ***        10/22/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        15:15:05

                                 PAGE  16
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0000224     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
```

```
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000225     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000226     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000227     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000228     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00

↑ *** AERMOD - VERSION 24142  ***   *** C:\Users\cpaludi\OneDrive -
Dudek\Desktop\HRA\Delaney Square\Delaney ***        10/22/25
 *** AERMET - VERSION  22112 ***   ***
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

```
     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0000229     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000230     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000231     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000232     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
```

```
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000233     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00

↑ *** AERMOD - VERSION 24142  ***   *** C:\Users\cpaludi\OneDrive -
Dudek\Desktop\HRA\Delaney Square\Delaney ***        10/22/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        15:15:05

                                 PAGE  18
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0000234     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000235     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
```

```
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000236     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000237     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000238     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00
```



```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *
```

```
     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0000239     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000194     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000195     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000196     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00
```

```
 SOURCE ID = L0000197     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION 24142  ***   *** C:\Users\cpaludi\OneDrive -
Dudek\Desktop\HRA\Delaney Square\Delaney ***        10/22/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        15:15:05

                                  PAGE  20
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0000198     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000199     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000200     ; SOURCE TYPE = VOLUME   :
```

```
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000201     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000202     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00
```



```
                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0000203     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
```

```
 5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
23   .00000E+00     24   .00000E+00


SOURCE ID = L0000204     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
 5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
23   .00000E+00     24   .00000E+00


SOURCE ID = L0000205     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
 5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
23   .00000E+00     24   .00000E+00


SOURCE ID = L0000206     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
 5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
23   .00000E+00     24   .00000E+00


SOURCE ID = L0000207     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
 5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
```

```
 23   .00000E+00     24   .00000E+00

↑ *** AERMOD - VERSION 24142  ***   *** C:\Users\cpaludi\OneDrive -
Dudek\Desktop\HRA\Delaney Square\Delaney ***        10/22/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        15:15:05

                                 PAGE  22
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0000208     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000209     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000210     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00
```

```
 SOURCE ID = L0000211     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000212     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION 24142  ***   *** C:\Users\cpaludi\OneDrive -
Dudek\Desktop\HRA\Delaney Square\Delaney ***        10/22/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        15:15:05

                                 PAGE  23
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0000213     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00
```

```
SOURCE ID = L0000214     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
 5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
23   .00000E+00     24   .00000E+00


SOURCE ID = L0000215     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
 5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
23   .00000E+00     24   .00000E+00


SOURCE ID = L0000216     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
 5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
23   .00000E+00     24   .00000E+00


SOURCE ID = L0000217     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
 5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
23   .00000E+00     24   .00000E+00
```

```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0000218     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000219     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000220     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000221     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
```

```
 17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000222     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00

↑ *** AERMOD - VERSION 24142  ***   *** C:\Users\cpaludi\OneDrive -
Dudek\Desktop\HRA\Delaney Square\Delaney ***        10/22/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        15:15:05

                                  PAGE  25
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0000240     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000241     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
```

```
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000242     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000243     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000244     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00
```



```
                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
```

```
- - - - - - - - - - - - - - - - - - - - - -

 SOURCE ID = L0000245     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000246     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000247     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000248     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000249     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
```

```
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00
```



```
                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0000250     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000251     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000252     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
```

```
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000253     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000254     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00
```



```
                              * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0000255     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
```

```
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
23   .00000E+00     24   .00000E+00


SOURCE ID = L0000256     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
 5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
23   .00000E+00     24   .00000E+00


SOURCE ID = L0000257     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
 5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
23   .00000E+00     24   .00000E+00


SOURCE ID = L0000258     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
 5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
23   .00000E+00     24   .00000E+00


SOURCE ID = L0000259     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
 5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
23   .00000E+00     24   .00000E+00
```

                          * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

```
     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0000260     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000261     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000262     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000263     ; SOURCE TYPE = VOLUME   :
```

```
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000264     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00

↑ *** AERMOD - VERSION 24142  ***   *** C:\Users\cpaludi\OneDrive -
Dudek\Desktop\HRA\Delaney Square\Delaney ***        10/22/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        15:15:05

                                  PAGE  30
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0000265     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000266     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
```

```
 5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
23   .00000E+00     24   .00000E+00


SOURCE ID = L0000267     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
 5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
23   .00000E+00     24   .00000E+00


SOURCE ID = L0000268     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
 5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
23   .00000E+00     24   .00000E+00


SOURCE ID = L0000269     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
 5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
23   .00000E+00     24   .00000E+00
```



```
                              * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
```

```
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0000270     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000271     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000272     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000273     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00
```

```
 SOURCE ID = L0000274     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00
```



```
                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0000275     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000276     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00
```

```
 SOURCE ID = L0000277     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000278     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000279     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00
```



```
                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
```

```
SOURCE ID = L0000280     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
 5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
23   .00000E+00     24   .00000E+00


SOURCE ID = L0000281     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
 5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
23   .00000E+00     24   .00000E+00


SOURCE ID = L0000282     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
 5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
23   .00000E+00     24   .00000E+00


SOURCE ID = L0000283     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
 5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
23   .00000E+00     24   .00000E+00


SOURCE ID = L0000284     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
 5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
```

```
 17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION 24142  ***   *** C:\Users\cpaludi\OneDrive -
Dudek\Desktop\HRA\Delaney Square\Delaney ***        10/22/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        15:15:05

                                 PAGE  34
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0000285     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000286     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000287     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
```

```
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000288     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000289     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00

🡅 *** AERMOD - VERSION 24142  ***   *** C:\Users\cpaludi\OneDrive -
Dudek\Desktop\HRA\Delaney Square\Delaney ***        10/22/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        15:15:05

                                  PAGE  35
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0000290     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
```

```
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0000291     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00

↑ *** AERMOD - VERSION 24142  ***   *** C:\Users\cpaludi\OneDrive -
Dudek\Desktop\HRA\Delaney Square\Delaney ***        10/22/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        15:15:05

                                 PAGE  36
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                            *** DISCRETE CARTESIAN RECEPTORS ***
                                          (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                          (METERS)

     ( 418129.0, 3776435.2,     189.4,    3066.9,       0.0);         ( 418148.7,
3776436.1,     189.7,    3066.9,       0.0);
     ( 418149.3, 3776424.9,     189.6,    3066.9,       0.0);         ( 418128.1,
3776425.2,     189.3,    3066.9,       0.0);
     ( 418127.2, 3776414.7,     189.2,    3066.9,       0.0);         ( 418149.1,
3776414.0,     189.5,    3066.9,       0.0);
     ( 418148.7, 3776402.1,     189.4,    3066.9,       0.0);         ( 418128.1,
3776402.4,     189.1,    3066.9,       0.0);
↑ *** AERMOD - VERSION 24142  ***   *** C:\Users\cpaludi\OneDrive -
Dudek\Desktop\HRA\Delaney Square\Delaney ***        10/22/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        15:15:05

                                 PAGE  37
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                           *** METEOROLOGICAL DAYS SELECTED FOR
PROCESSING ***
                                                                (1=YES; 0=NO)

           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
```

```
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
```

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***

(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file: SCAQMD Met Data Azusa\AZUS_V11_trimmed.sfc
Met Version: 22112
Profile file: SCAQMD Met Data Azusa\AZUS_V11_trimmed.PFL

Surface format: FREE

Profile format: FREE

Surface station no.: 3179 Upper air station no.: 3190
Name: AZUSA Name: UNKNOWN

Year: 2017 Year: 2017

First 24 hours of scalar data

```
YR MO DY JDY HR     H0     U*     W*  DT/DZ ZICNV ZIMCH  M-O LEN    Z0  BOWEN
ALBEDO  REF WS   WD     HT  REF TA     HT
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
```

```
- - - - - - - - - - - - - - - - - - -
 17 01 01   1 01  -11.3  0.154 -9.000 -9.000 -999.  145.     28.6  0.34   0.75
1.00    1.36   97.   10.0  281.4    9.5
 17 01 01   1 02   -5.9  0.110 -9.000 -9.000 -999.   88.     20.0  0.29   0.75
1.00    1.05   88.   10.0  281.0    9.5
 17 01 01   1 03   -6.6  0.117 -9.000 -9.000 -999.   95.     21.1  0.29   0.75
1.00    1.11   69.   10.0  280.5    9.5
 17 01 01   1 04   -6.9  0.119 -9.000 -9.000 -999.   99.     21.7  0.33   0.75
1.00    1.08  132.   10.0  279.8    9.5
 17 01 01   1 05   -4.1  0.091 -9.000 -9.000 -999.   66.     16.1  0.17   0.75
1.00    1.00  314.   10.0  279.5    9.5
 17 01 01   1 06  -18.0  0.193 -9.000 -9.000 -999.  204.     41.0  0.21   0.75
1.00    1.96   35.   10.0  279.8    9.5
 17 01 01   1 07  -10.5  0.147 -9.000 -9.000 -999.  136.     27.0  0.29   0.75
1.00    1.38   80.   10.0  279.6    9.5
 17 01 01   1 08   -6.3  0.118 -9.000 -9.000 -999.   97.     22.9  0.29   0.75
0.55    1.12   74.   10.0  279.4    9.5
 17 01 01   1 09   25.4  0.209  0.420  0.005  103.  230.    -31.8  0.29   0.75
0.32    1.55   70.   10.0  282.2    9.5
 17 01 01   1 10   64.6  0.296  1.020  0.005  581.  386.    -35.4  0.33   0.75
0.25    2.13  126.   10.0  283.6    9.5
 17 01 01   1 11   91.0  0.325  1.350  0.005  956.  444.    -33.2  0.33   0.75
0.22    2.32  130.   10.0  284.1    9.5
 17 01 01   1 12   87.8  0.248  1.393  0.005 1087.  299.    -15.3  0.32   0.75
0.21    1.62  152.   10.0  285.1    9.5
 17 01 01   1 13  103.2  0.182  1.514  0.005 1188.  187.     -5.1  0.33   0.75
0.21    0.97  144.   10.0  286.1    9.5
 17 01 01   1 14   74.8  0.225  1.385  0.005 1256.  255.    -13.4  0.23   0.75
0.22    1.61  214.   10.0  286.9    9.5
 17 01 01   1 15   50.9  0.150  1.233  0.005 1300.  142.     -5.9  0.07   0.75
0.26    1.37  273.   10.0  286.7    9.5
 17 01 01   1 16    1.2  0.122  0.356  0.005 1300.  102.   -130.2  0.23   0.75
0.35    1.08  210.   10.0  286.6    9.5
 17 01 01   1 17  -13.1  0.175 -9.000 -9.000 -999.  176.     36.0  0.32   0.75
0.62    1.55  172.   10.0  286.3    9.5
 17 01 01   1 18  -13.7  0.171 -9.000 -9.000 -999.  169.     32.2  0.32   0.75
1.00    1.53  179.   10.0  285.8    9.5
 17 01 01   1 19   -9.0  0.136 -9.000 -9.000 -999.  121.     24.7  0.23   0.75
1.00    1.38  215.   10.0  285.4    9.5
 17 01 01   1 20   -3.7  0.086 -9.000 -9.000 -999.   61.     14.9  0.12   0.75
1.00    1.03  259.   10.0  285.0    9.5
 17 01 01   1 21   -1.8  0.070 -9.000 -9.000 -999.   44.     16.4  0.16   0.75
1.00    0.58  349.   10.0  284.9    9.5
 17 01 01   1 22   -3.4  0.086 -9.000 -9.000 -999.   61.     16.6  0.29   0.75
1.00    0.78   61.   10.0  284.8    9.5
 17 01 01   1 23  -14.0  0.170 -9.000 -9.000 -999.  168.     31.8  0.21   0.75
1.00    1.74   43.   10.0  284.2    9.5
 17 01 01   1 24  -21.5  0.220 -9.000 -9.000 -999.  248.     53.3  0.21   0.75
1.00    2.22   43.   10.0  283.9    9.5
```

```
 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 17 01 01 01    9.5 0 -999.  -99.00   281.4   99.0  -99.00  -99.00
 17 01 01 01   10.0 1   97.    1.36  -999.0   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
```



```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                 INCLUDING SOURCE(S):     L0000138    , L0000139
, L0000140    , L0000141    , L0000142    ,
                 L0000143    , L0000144    , L0000145    , L0000146    , L0000147
, L0000148    , L0000149    , L0000150    ,
                 L0000151    , L0000152    , L0000153    , L0000154    , L0000155
, L0000156    , L0000157    , L0000158    ,
                 L0000159    , L0000160    , L0000161    , L0000162    , L0000163
, L0000164    , L0000165    ,  . . .      ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - -
         418129.01    3776435.21       19.02651                      418148.67
3776436.11       25.49729
         418149.34    3776424.93       22.39613                      418128.12
3776425.16       15.88634
         418127.22    3776414.66       13.60556                      418149.12
3776413.99       19.75890
         418148.67    3776402.14       16.89010                      418128.12
3776402.37       11.88049
```

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000138 , L0000139 , L0000140 , L0000141 , L0000142 ,
L0000143 , L0000144 , L0000145 , L0000146 , L0000147 , L0000148 , L0000149 , L0000150 ,
L0000151 , L0000152 , L0000153 , L0000154 , L0000155 , L0000156 , L0000157 , L0000158 ,
L0000159 , L0000160 , L0000161 , L0000162 , L0000163 , L0000164 , L0000165 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
418129.01	3776435.21	378.26090	(19113016)	418148.67	3776436.11	398.31363	(19113016)
418149.34	3776424.93	365.63057	(19113016)	418128.12	3776425.16	334.85922	(19113016)
418127.22	3776414.66	309.59835	(19113016)	418149.12	3776413.99	365.16076	(19113016)
418148.67	3776402.14	358.59057	(19113016)	418128.12	3776402.37	297.14055	(19113016)

*** THE SUMMARY OF MAXIMUM PERIOD (43824 HRS) RESULTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

GROUP ID	NETWORK AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	GRID-ID

```
- - - -
```

```
ALL      HIGH   1ST HIGH VALUE IS     398.31363  ON 19113016: AT (  418148.67,
3776436.11,   189.66,  3066.86,    0.00)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
 *** AERMOD - VERSION 24142  ***   *** C:\Users\cpaludi\OneDrive -
Dudek\Desktop\HRA\Delaney Square\Delaney ***        10/22/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        15:15:05

                                  PAGE  43
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

 *** Message Summary : AERMOD Model Execution ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of          474 Informational Message(s)

 A Total of        43824 Hours Were Processed

 A Total of           41 Calm Hours Identified

 A Total of          433 Missing Hours Identified (  0.99 Percent)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W186     990       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
     0.50
 ME W187     990       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET


    ************************************
    *** AERMOD Finishes Successfully ***
    ************************************
```

```
↑ *** AERMOD - VERSION 24142  ***   *** C:\Users\cpaludi\OneDrive -
Dudek\Desktop\HRA\Delaney Square\Delaney ***        10/22/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        15:15:05

                                 PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                            ***     MODEL SETUP OPTIONS SUMMARY
 ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - -

 ** Model Options Selected:
      * Model Uses Regulatory DEFAULT Options
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
      * Stack-tip Downwash.
      * Model Accounts for ELEVated Terrain Effects.
      * Use Calms Processing Routine.
      * Use Missing Data Processing Routine.
      * No Exponential Decay.
      * Model Uses URBAN Dispersion Algorithm for the SBL for   137 Source(s),
        for Total of    1 Urban Area(s):
   Urban Population =   9832684.0 ;  Urban Roughness Length =  1.000 m
      * Urban Roughness Length of 1.0 Meter Used.
      * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
      * CCVR_Sub - Meteorological data includes CCVR substitutions
      * TEMP_Sub - Meteorological data includes TEMP substitutions
      * Model Assumes No FLAGPOLE Receptor Heights.
      * The User Specified a Pollutant Type of: PM_10

 **Model Calculates  1 Short Term Average(s) of:   1-HR
     and Calculates PERIOD Averages

 **This Run Includes:    137 Source(s);       1 Source Group(s); and       8
Receptor(s)

                with:      0 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:    137 VOLUME source(s)
                 and:      0 AREA type source(s)
                 and:      0 LINE source(s)
                 and:      0 RLINE/RLINEXT source(s)
                 and:      0 OPENPIT source(s)
                 and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
                 and:      0 SWPOINT source(s)
```

```
 **Model Set To Continue RUNning After the Setup Testing.

 **The AERMET Input Meteorological Data Version Date:  22112

 **Output Options Selected:
          Model Outputs Tables of PERIOD Averages by Receptor
          Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE
Keyword)
          Model Outputs External File(s) of High Values for Plotting (PLOTFILE
Keyword)
          Model Outputs Separate Summary File of High Ranked Values (SUMMFILE
Keyword)

 **NOTE:  The Following Flags May Appear Following CONC Values:  c for Calm Hours
                                                                 m for Missing Hours
                                                                 b for Both Calm and
Missing Hours

 **Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =   187.00 ;  Decay
Coef. =    0.000     ;  Rot. Angle =     0.0
                  Emission Units = GRAMS/SEC                              ;
Emission Rate Unit Factor =   0.10000E+07
                  Output Units   = MICROGRAMS/M**3

 **Approximate Storage Requirements of Model =      3.6 MB of RAM.

 **Input Runstream File:          aermod.inp

 **Output Print File:             aermod.out


 **Detailed Error/Message File:   Delaney Square Onsite.err

 **File for Summary of Results:   Delaney Square Onsite.sum

 *** AERMOD - VERSION 24142  ***   *** C:\Users\cpaludi\OneDrive -
Dudek\Desktop\HRA\Delaney Square\Delaney ***        10/22/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        15:15:05

                                  PAGE   2
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                             *** METEOROLOGICAL DAYS SELECTED FOR
PROCESSING ***
                                                                  (1=YES; 0=NO)

            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
```

```
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
```

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***

(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file: SCAQMD Met Data Azusa\AZUS_V11_trimmed.sfc
Met Version: 22112
Profile file: SCAQMD Met Data Azusa\AZUS_V11_trimmed.PFL

Surface format: FREE

Profile format: FREE

Surface station no.: 3179 Upper air station no.: 3190
Name: AZUSA Name: UNKNOWN

Year: 2017 Year: 2017

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
17	01	01	1	01	-11.3	0.154	-9.000	-9.000	-999.	145.	28.6	0.34	0.75	1.00	1.36	97.	10.0	281.4	9.5
17	01	01	1	02	-5.9	0.110	-9.000	-9.000	-999.	88.	20.0	0.29	0.75	1.00	1.05	88.	10.0	281.0	9.5
17	01	01	1	03	-6.6	0.117	-9.000	-9.000	-999.	95.	21.1	0.29	0.75	1.00	1.11	69.	10.0	280.5	9.5
17	01	01	1	04	-6.9	0.119	-9.000	-9.000	-999.	99.	21.7	0.33	0.75	1.00	1.08	132.	10.0	279.8	9.5
17	01	01	1	05	-4.1	0.091	-9.000	-9.000	-999.	66.	16.1	0.17	0.75	1.00	1.00	314.	10.0	279.5	9.5
17	01	01	1	06	-18.0	0.193	-9.000	-9.000	-999.	204.	41.0	0.21	0.75	1.00	1.96	35.	10.0	279.8	9.5
17	01	01	1	07	-10.5	0.147	-9.000	-9.000	-999.	136.	27.0	0.29	0.75	1.00	1.38	80.	10.0	279.6	9.5
17	01	01	1	08	-6.3	0.118	-9.000	-9.000	-999.	97.	22.9	0.29	0.75	0.55	1.12	74.	10.0	279.4	9.5
17	01	01	1	09	25.4	0.209	0.420	0.005	103.	230.	-31.8	0.29	0.75	0.32	1.55	70.	10.0	282.2	9.5
17	01	01	1	10	64.6	0.296	1.020	0.005	581.	386.	-35.4	0.33	0.75	0.25	2.13	126.	10.0	283.6	9.5
17	01	01	1	11	91.0	0.325	1.350	0.005	956.	444.	-33.2	0.33	0.75	0.22	2.32	130.	10.0	284.1	9.5
17	01	01	1	12	87.8	0.248	1.393	0.005	1087.	299.	-15.3	0.32	0.75	0.21	1.62	152.	10.0	285.1	9.5
17	01	01	1	13	103.2	0.182	1.514	0.005	1188.	187.	-5.1	0.33	0.75	0.21	0.97	144.	10.0	286.1	9.5
17	01	01	1	14	74.8	0.225	1.385	0.005	1256.	255.	-13.4	0.23	0.75	0.22	1.61	214.	10.0	286.9	9.5
17	01	01	1	15	50.9	0.150	1.233	0.005	1300.	142.	-5.9	0.07	0.75	0.26	1.37	273.	10.0	286.7	9.5
17	01	01	1	16	1.2	0.122	0.356	0.005	1300.	102.	-130.2	0.23	0.75	0.35	1.08	210.	10.0	286.6	9.5
17	01	01	1	17	-13.1	0.175	-9.000	-9.000	-999.	176.	36.0	0.32	0.75	0.62	1.55	172.	10.0	286.3	9.5
17	01	01	1	18	-13.7	0.171	-9.000	-9.000	-999.	169.	32.2	0.32	0.75	1.00	1.53	179.	10.0	285.8	9.5
17	01	01	1	19	-9.0	0.136	-9.000	-9.000	-999.	121.	24.7	0.23	0.75	1.00	1.38	215.	10.0	285.4	9.5
17	01	01	1	20	-3.7	0.086	-9.000	-9.000	-999.	61.	14.9	0.12	0.75	1.00	1.03	259.	10.0	285.0	9.5
17	01	01	1	21	-1.8	0.070	-9.000	-9.000	-999.	44.	16.4	0.16	0.75	1.00	0.58	349.	10.0	284.9	9.5
17	01	01	1	22	-3.4	0.086	-9.000	-9.000	-999.	61.	16.6	0.29	0.75	1.00	0.78	61.	10.0	284.8	9.5
17	01	01	1	23	-14.0	0.170	-9.000	-9.000	-999.	168.	31.8	0.21	0.75						

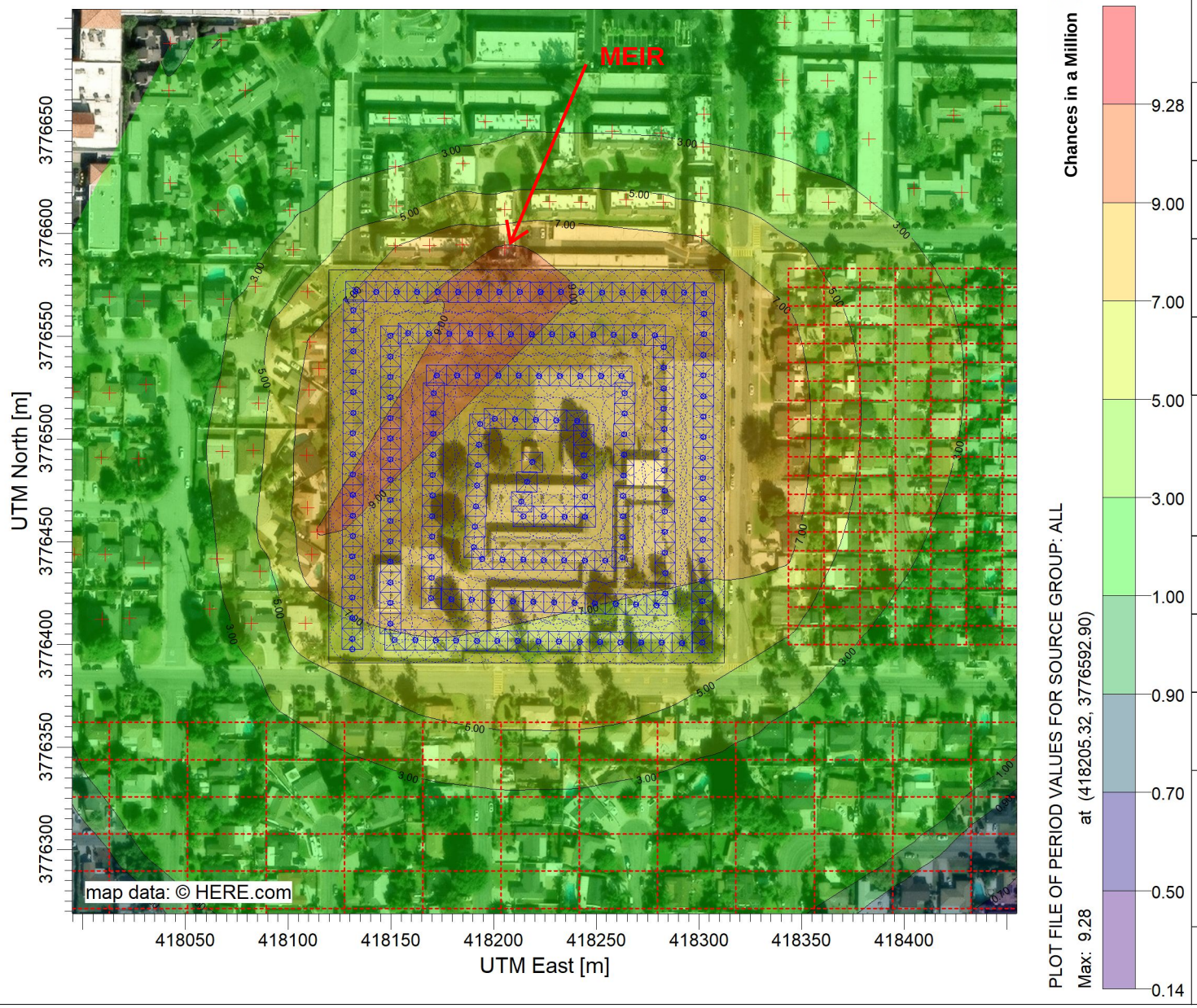
```
1.00    1.74   43.   10.0  284.2    9.5
 17 01 01   1 24  -21.5  0.220 -9.000 -9.000 -999.  248.     53.3  0.21   0.75
1.00    2.22   43.   10.0  283.9    9.5


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 17 01 01 01    9.5 0 -999.  -99.00   281.4   99.0  -99.00  -99.00
 17 01 01 01   10.0 1   97.    1.36  -999.0   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
↑ *** AERMOD - VERSION 24142  ***   *** C:\Users\cpaludi\OneDrive -
Dudek\Desktop\HRA\Delaney Square\Delaney ***        10/22/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        15:15:05

                                 PAGE   4
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                        *** THE SUMMARY OF MAXIMUM PERIOD ( 43824
HRS) RESULTS ***


                                   ** CONC OF PM_10    IN MICROGRAMS/M**3
               **


                        NETWORK
GROUP ID                       AVERAGE CONC                RECEPTOR  (XR, YR, ZELEV,
ZHILL, ZFLAG)  OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - -

ALL       1ST HIGHEST VALUE IS      25.49729 AT (  418148.67,  3776436.11,   189.66,
 3066.86,    0.00)  DC
          2ND HIGHEST VALUE IS      22.39613 AT (  418149.34,  3776424.93,   189.61,
 3066.86,    0.00)  DC
          3RD HIGHEST VALUE IS      19.75890 AT (  418149.12,  3776413.99,   189.53,
 3066.86,    0.00)  DC
          4TH HIGHEST VALUE IS      19.02651 AT (  418129.01,  3776435.21,   189.39,
 3066.86,    0.00)  DC
          5TH HIGHEST VALUE IS      16.89010 AT (  418148.67,  3776402.14,   189.37,
 3066.86,    0.00)  DC
          6TH HIGHEST VALUE IS      15.88634 AT (  418128.12,  3776425.16,   189.31,
 3066.86,    0.00)  DC
          7TH HIGHEST VALUE IS      13.60556 AT (  418127.22,  3776414.66,   189.20,
 3066.86,    0.00)  DC
          8TH HIGHEST VALUE IS      11.88049 AT (  418128.12,  3776402.37,   189.06,
 3066.86,    0.00)  DC
          9TH HIGHEST VALUE IS       0.00000 AT (       0.00,        0.00,     0.00,
```

```
    0.00,    0.00)
         10TH HIGHEST VALUE IS       0.00000 AT (       0.00,        0.00,     0.00,
    0.00,    0.00)


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
↑ *** AERMOD - VERSION 24142  ***   *** C:\Users\cpaludi\OneDrive -
Dudek\Desktop\HRA\Delaney Square\Delaney ***        10/22/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        15:15:05

                                  PAGE   5
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                                 *** THE SUMMARY OF HIGHEST  1-HR
RESULTS ***


                                    ** CONC OF PM_10    IN MICROGRAMS/M**3
               **

                                                          DATE
                                          NETWORK
GROUP ID                          AVERAGE CONC     (YYMMDDHH)             RECEPTOR
(XR, YR, ZELEV, ZHILL, ZFLAG)    OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

ALL      HIGH   1ST HIGH VALUE IS     398.31363  ON 19113016: AT (  418148.67,
3776436.11,   189.66,  3066.86,    0.00)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
↑ *** AERMOD - VERSION 24142  ***   *** C:\Users\cpaludi\OneDrive -
Dudek\Desktop\HRA\Delaney Square\Delaney ***        10/22/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        15:15:05

                                  PAGE   6
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

 *** Message Summary : AERMOD Model Execution ***

  --------- Summary of Total Messages --------
```

```
A Total of            0 Fatal Error Message(s)
A Total of            2 Warning Message(s)
A Total of          474 Informational Message(s)

A Total of        43824 Hours Were Processed

A Total of           41 Calm Hours Identified

A Total of          433 Missing Hours Identified (  0.99 Percent)


   ******** FATAL ERROR MESSAGES ********
              ***  NONE  ***


   ********   WARNING MESSAGES   ********
ME W186     990       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
    0.50
ME W187     990       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET
```

PROJECT TITLE:

Cancer Risk - Off-Site Receptors with Maximally Exposed Individual Receptor (MEIR)



COMMENTS:

SOURCES:

1

RECEPTORS:

1003

OUTPUT TYPE:

Cancer Risk in a Million

MAX:

9.28 in a million

SCALE: 1:3,000

0 0.05 km

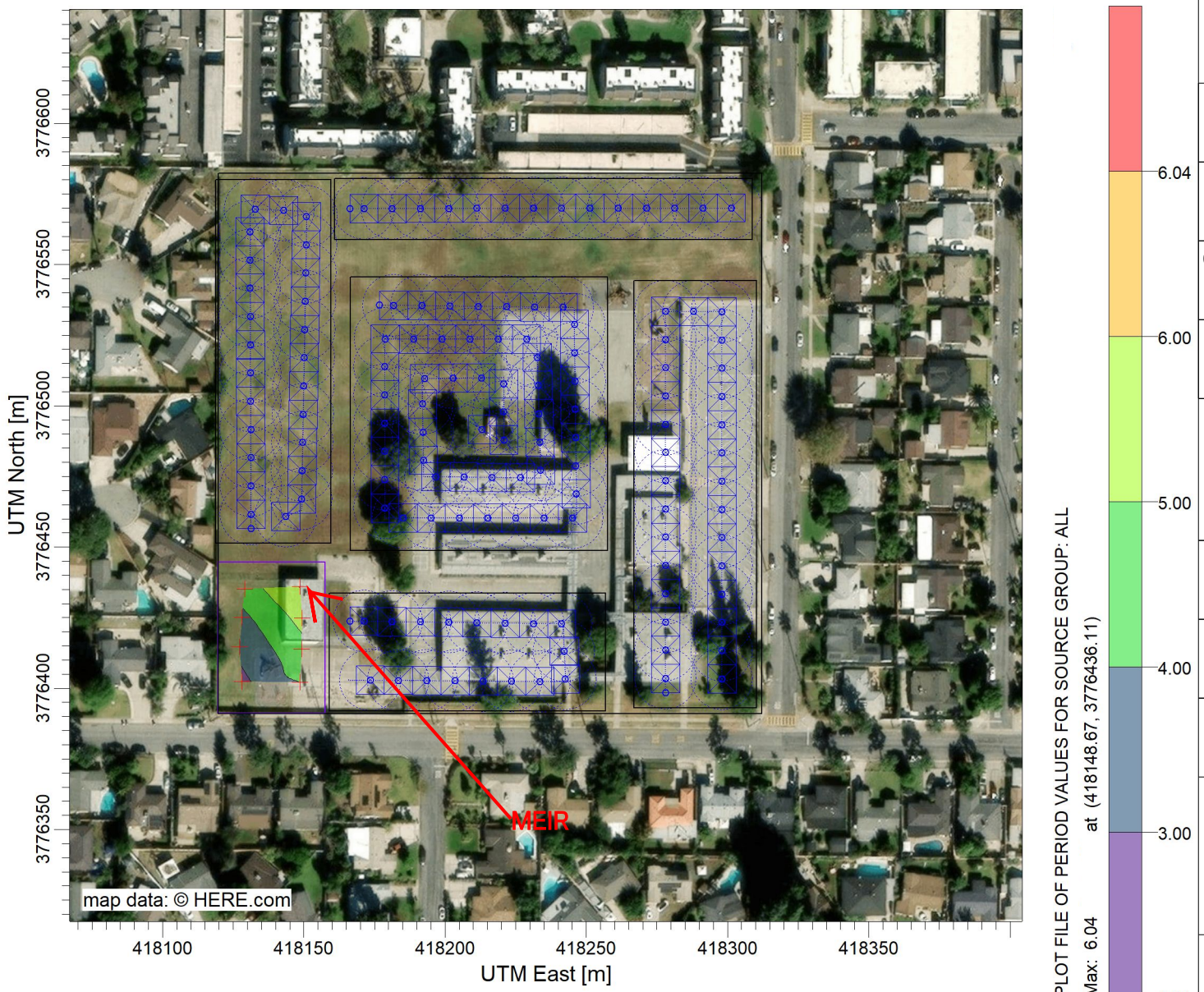
DUDEK

PROJECT NO.:

AERMOD View - Lakes Environmental Software

PROJECT TITLE:

Cancer Risk - On-Site Receptors with Maximally Exposed Individual Receptor (MEIR)



COMMENTS:

SOURCES:

5

RECEPTORS:

8

OUTPUT TYPE:

Cancer Risk in a Million

MAX:

6.04 in a million

SCALE: 1:2,200

0 0.05 km

DUDEK

PROJECT NO.:

AERMOD View - Lakes Environmental Software

HARP2 - HRACalc (dated 22118) 10/23/2025 10:19:38 AM - Output Log

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully
****
RISK SCENARIO SETTINGS

Receptor Type: Resident
Scenario: All
Calculation Method: Derived

****
EXPOSURE DURATION PARAMETERS FOR CANCER

Start Age: -0.25
Total Exposure Duration: 3.03

Exposure Duration Bin Distribution
3rd Trimester Bin: 0.25
0<2 Years Bin: 2
2<9 Years Bin: 1.03
2<16 Years Bin: 0
16<30 Years Bin: 0
16 to 70 Years Bin: 0

****
PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: True
Dermal: True
Mother's milk: True
Water: False
Fish: False
Homegrown crops: True
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

****
INHALATION

Daily breathing rate: RMP

Worker Adjustment Factors
Worker adjustment factors enabled: NO

Fraction at time at home
3rd Trimester to 16 years: ON
16 years to 70 years: ON

****
SOIL & DERMAL PATHWAY SETTINGS

Deposition rate (m/s): 0.02
Soil mixing depth (m): 0.01
Dermal climate: Warm

****
HOMEGROWN CROP PATHWAY SETTINGS

Household type: HouseholdsthatGarden
Fraction leafy: 0.137
Fraction exposed: 0.137
Fraction protected: 0.137
Fraction root: 0.137

****
TIER 2 SETTINGS

Tier2 adjustments were used in this assessment. Please see the input file for details.
Tier2 - What was changed: ED or start age changed|
Calculating cancer risk
Cancer risk breakdown by pollutant and receptor saved to: C:\Users\cpaludi\OneDrive - Dudek\Desktop\HRA\Delaney Square\Delaney Square Offsite\DELANEY SQUARE VE\hra\Delaney Square Offsite UnmitigatedCancerRisk.csv
Cancer risk total by receptor saved to: C:\Users\cpaludi\OneDrive - Dudek\Desktop\HRA\Delaney Square\Delaney Square Offsite\DELANEY SQUARE VE\hra\Delaney Square Offsite UnmitigatedCancerRiskSumByRec.csv
Calculating chronic risk
Chronic risk breakdown by pollutant and receptor saved to: C:\Users\cpaludi\OneDrive - Dudek\Desktop\HRA\Delaney Square\Delaney Square Offsite\DELANEY SQUARE VE\hra\Delaney Square Offsite UnmitigatedNCChronicRisk.csv
Chronic risk total by receptor saved to: C:\Users\cpaludi\OneDrive - Dudek\Desktop\HRA\Delaney Square\Delaney Square Offsite\DELANEY SQUARE VE\hra\Delaney Square Offsite UnmitigatedNCChronicRiskSumByRec.csv
Calculating acute risk
Acute risk breakdown by pollutant and receptor saved to: C:\Users\cpaludi\OneDrive - Dudek\Desktop\HRA\Delaney Square\Delaney Square Offsite\DELANEY SQUARE VE\hra\Delaney Square Offsite UnmitigatedNCAcuteRisk.csv
Acute risk total by receptor saved to: C:\Users\cpaludi\OneDrive - Dudek\Desktop\HRA\Delaney Square\Delaney Square Offsite\DELANEY SQUARE VE\hra\Delaney Square Offsite UnmitigatedNCAcuteRiskSumByRec.csv

HRA ran successfully

HARP2 - HRACalc (dated 22118) 10/23/2025 10:22:08 AM - Output Log

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully
****
RISK SCENARIO SETTINGS

Receptor Type: Resident
Scenario: All
Calculation Method: Derived

****
EXPOSURE DURATION PARAMETERS FOR CANCER

Start Age: -0.25
Total Exposure Duration: 1.43

Exposure Duration Bin Distribution
3rd Trimester Bin: 0.25
0<2 Years Bin: 1.43
2<9 Years Bin: 0
2<16 Years Bin: 0
16<30 Years Bin: 0
16 to 70 Years Bin: 0

****
PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: True
Dermal: True
Mother's milk: True
Water: False
Fish: False
Homegrown crops: True
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

****
INHALATION

Daily breathing rate: RMP

Worker Adjustment Factors
Worker adjustment factors enabled: NO

Fraction at time at home
3rd Trimester to 16 years: ON
16 years to 70 years: ON

****
SOIL & DERMAL PATHWAY SETTINGS

Deposition rate (m/s): 0.02
Soil mixing depth (m): 0.01
Dermal climate: Warm

****
HOMEGROWN CROP PATHWAY SETTINGS

Household type: HouseholdsthatGarden
Fraction leafy: 0.137
Fraction exposed: 0.137
Fraction protected: 0.137
Fraction root: 0.137

****
TIER 2 SETTINGS

Tier2 adjustments were used in this assessment. Please see the input file for details.
Tier2 - What was changed: ED or start age changed|
Calculating cancer risk
Cancer risk breakdown by pollutant and receptor saved to: C:\Users\cpaludi\OneDrive - Dudek\Desktop\HRA\Delaney Square\Delaney Square Offsite\DELANEY SQUARE VE\hra\Delaney Square Onsite UnmitigatedCancerRisk.csv
Cancer risk total by receptor saved to: C:\Users\cpaludi\OneDrive - Dudek\Desktop\HRA\Delaney Square\Delaney Square Offsite\DELANEY SQUARE VE\hra\Delaney Square Onsite UnmitigatedCancerRiskSumByRec.csv
Calculating chronic risk
Chronic risk breakdown by pollutant and receptor saved to: C:\Users\cpaludi\OneDrive - Dudek\Desktop\HRA\Delaney Square\Delaney Square Offsite\DELANEY SQUARE VE\hra\Delaney Square Onsite UnmitigatedNCChronicRisk.csv
Chronic risk total by receptor saved to: C:\Users\cpaludi\OneDrive - Dudek\Desktop\HRA\Delaney Square\Delaney Square Offsite\DELANEY SQUARE VE\hra\Delaney Square Onsite UnmitigatedNCChronicRiskSumByRec.csv
Calculating acute risk
Acute risk breakdown by pollutant and receptor saved to: C:\Users\cpaludi\OneDrive - Dudek\Desktop\HRA\Delaney Square\Delaney Square Offsite\DELANEY SQUARE VE\hra\Delaney Square Onsite UnmitigatedNCAcuteRisk.csv
Acute risk total by receptor saved to: C:\Users\cpaludi\OneDrive - Dudek\Desktop\HRA\Delaney Square\Delaney Square Offsite\DELANEY SQUARE VE\hra\Delaney Square Onsite UnmitigatedNCAcuteRiskSumByRec.csv

HRA ran successfully