

477547.10 3656595.51 79.29777 (21100303) 477571.78
 3656595.51 83.08284 (19012719)
 *** AERMOD - VERSION 22112 *** C:\Users\enuno\OneDrive -
 Dudek\Desktop\HARP2\HARP\Encinitas_Sanctua *** 02/12/23
 *** AERMET - VERSION 22112 ***
 *** 20:07:49

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*** 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 PM₁₀ IN MICROGRAMS/M³

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
477596.46	3656595.51	82.64320	(21120824)	477621.14
3656595.51	84.97196	(19120722)		
477645.82	3656595.51	83.19332	(19012319)	477152.22
3656612.21	58.16331	(20042606)		
477201.58	3656612.21	59.67187	(19102519)	477547.10
3656612.21	77.53360	(21011020)		
477571.78	3656612.21	80.61004	(19012719)	477596.46
3656612.21	80.31368	(21120824)		
477621.14	3656612.21	82.53846	(19120722)	477645.82
3656612.21	81.53197	(19122420)		
477152.22	3656628.91	56.66108	(20042606)	477201.58
3656628.91	58.55096	(20100201)		
477547.10	3656628.91	76.69930	(19012719)	477571.78
3656628.91	76.90885	(19012719)		
477596.46	3656628.91	77.37180	(21020304)	477621.14
3656628.91	79.80603	(19120722)		
477645.82	3656628.91	79.58649	(19122420)	477152.22
3656645.61	55.31337	(19102519)		
477226.26	3656645.61	56.61177	(20020721)	477250.94

3656645.61	59.26714	(20020721)		
477571.78	3656645.61	73.68453	(21120824)	477596.46
3656645.61	75.67005	(19120722)		
477621.14	3656645.61	76.82523	(19120722)	477645.82
3656645.61	77.46000	(19122420)		
477152.22	3656662.31	54.27928	(19102519)	477176.90
3656662.31	55.18984	(20100201)		
477226.26	3656662.31	57.52138	(20020721)	477250.94
3656662.31	58.57128	(20020721)		
477275.62	3656662.31	59.06177	(21022223)	477300.30
3656662.31	59.62374	(21022223)		
477571.78	3656662.31	71.91863	(21120824)	477596.46
3656662.31	74.46021	(19120722)		
477621.14	3656662.31	73.29590	(19120722)	477645.82
3656662.31	75.20571	(19122420)		
477421.18	3656372.58	102.20560	(20013119)	477559.28
3656388.35	126.25707	(21022320)		
477319.87	3656674.00	62.99759	(20063006)	477343.98
3656677.77	64.17960	(20063006)		
477368.09	3656684.55	61.55696	(20012122)	477396.72
3656689.07	62.33761	(21020924)		
477431.37	3656698.86	62.86895	(19012924)	477571.50
3656690.58	68.28704	(21020304)		
477603.90	3656690.58	70.74507	(19120722)	477657.39
3656687.56	72.20413	(20010318)		
477758.40	3656642.79	91.00778	(21021323)	477748.60
3656612.31	95.58440	(20120720)		
477888.11	3655990.04	130.12993	(21120303)	477889.39
3655769.75	53.48302	(19122503)		
477434.08	3655867.73	62.30723	(21122921)	477466.74
3655808.81	54.43279	(19120616)		
477495.55	3655776.15	49.13433	(19123102)	477449.77
3655743.56	43.05079	(19012423)		
477442.36	3655709.78	40.10152	(19123102)	477442.36
3655666.75	36.74224	(19121718)		
477505.29	3655671.84	38.24947	(19120702)	477564.51
3655701.92	44.51628	(20010607)		
477601.81	3655648.79	39.11313	(20010623)	477621.81
3655648.79	38.87968	(21123002)		
477641.81	3655648.79	38.85420	(21011507)	477661.81
3655648.79	38.81101	(21011507)		
477681.81	3655648.79	39.25237	(19020320)	477701.81
3655648.79	39.50970	(19020320)		
477721.81	3655648.79	40.42324	(20122923)	477941.81
3655648.79	36.01571	(19122503)		
477961.81	3655648.79	35.82914	(19021804)	477981.81
3655648.79	35.46702	(21022821)		
478001.81	3655648.79	35.13640	(21022821)	477601.81
3655668.79	41.29748	(20010623)		
477621.81	3655668.79	40.70343	(21123002)	477641.81

3655668.79	40.85188	(21011507)		
477661.81	3655668.79	41.04308	(21011507)	477681.81
3655668.79	41.46997	(19020320)		
477701.81	3655668.79	41.81553	(19020320)	477721.81
3655668.79	42.23585	(20122923)		
477941.81	3655668.79	37.73900	(19021804)	477961.81
3655668.79	37.68361	(19021804)		
477981.81	3655668.79	37.37230	(21022821)	478001.81
3655668.79	36.65789	(21022821)		
477601.81	3655688.79	43.61137	(20010623)	477621.81
3655688.79	42.80885	(20010623)		

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*** 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 PM₁₀ IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
477641.81	3655688.79	43.20850	(21123002)	477721.81
3655688.79	45.15368	(19121607)		
477921.81	3655688.79	41.01088	(19122503)	477941.81
3655688.79	39.91768	(19021804)		
477961.81	3655688.79	39.48989	(19021804)	477981.81
3655688.79	39.26335	(21022821)		
478001.81	3655688.79	38.11807	(21022821)	477601.81
3655708.79	45.98502	(20010623)		
477621.81	3655708.79	46.19942	(20010623)	477641.81
3655708.79	46.38309	(21123002)		

477721.81	3655708.79	47.81129	(19121607)	477941.81
3655708.79	42.25462	(19021804)		
477961.81	3655708.79	41.78455	(21022821)	477981.81
3655708.79	41.19399	(21022821)		
478001.81	3655708.79	39.59761	(20012920)	477601.81
3655728.79	49.23527	(20010701)		
477621.81	3655728.79	50.26271	(20010623)	477641.81
3655728.79	48.43115	(21123002)		
477721.81	3655728.79	50.15116	(19121607)	477941.81
3655728.79	44.63863	(19021804)		
477961.81	3655728.79	44.22391	(21022821)	477981.81
3655728.79	43.05023	(21022821)		
478001.81	3655728.79	41.26500	(20012920)	477601.81
3655748.79	53.02615	(20010701)		
477761.81	3655748.79	53.38613	(19012607)	477821.81
3655748.79	57.38366	(19120716)		
477841.81	3655748.79	60.34579	(19120716)	477861.81
3655748.79	58.85339	(19120716)		
477881.81	3655748.79	53.43392	(19120716)	477901.81
3655748.79	49.44164	(19122503)		
477941.81	3655748.79	47.05757	(19021804)	477961.81
3655748.79	46.68100	(21022821)		
477981.81	3655748.79	44.85007	(21022821)	478001.81
3655748.79	42.81111	(20012920)		
477601.81	3655768.79	56.88545	(19120622)	477761.81
3655768.79	57.26927	(19012607)		
477821.81	3655768.79	62.41542	(19120716)	477841.81
3655768.79	65.21589	(19120716)		
477861.81	3655768.79	63.59936	(19120716)	477881.81
3655768.79	56.15314	(19120716)		
477901.81	3655768.79	52.14716	(19122503)	477941.81
3655768.79	50.22440	(21022821)		
477961.81	3655768.79	49.16187	(21022821)	477981.81
3655768.79	46.94607	(20012920)		
478001.81	3655768.79	44.59050	(21120303)	477601.81
3655788.79	63.12303	(20010607)		
477761.81	3655788.79	60.55796	(19012607)	477821.81
3655788.79	67.87126	(19120716)		
477841.81	3655788.79	71.24116	(19120716)	477861.81
3655788.79	68.37463	(19120716)		
477881.81	3655788.79	59.62613	(19120716)	477901.81
3655788.79	55.02835	(19122503)		
477941.81	3655788.79	53.54283	(21022821)	477961.81
3655788.79	51.54661	(21022821)		
477981.81	3655788.79	49.00029	(20012920)	478001.81
3655788.79	47.17081	(21120303)		
477601.81	3655808.79	67.50774	(20010607)	477761.81
3655808.79	65.03202	(19012607)		
477781.81	3655808.79	64.85533	(20012922)	477801.81
3655808.79	66.26099	(19120716)		

477821.81	3655808.79	75.43829	(19120716)	477841.81
3655808.79	78.63433	(19120716)		
477861.81	3655808.79	73.61471	(19120716)	477881.81
3655808.79	63.10113	(19120716)		
477901.81	3655808.79	58.44781	(19021804)	477941.81
3655808.79	56.89127	(21022821)		
477961.81	3655808.79	54.20859	(20012920)	477981.81
3655808.79	51.42833	(21120303)		
478001.81	3655808.79	49.52436	(21120303)	477601.81
3655828.79	72.48621	(19120702)		
477621.81	3655828.79	79.30865	(20010607)	477641.81
3655828.79	76.07574	(20010701)		
477661.81	3655828.79	82.25037	(20010623)	477681.81
3655828.79	87.10174	(20010623)		
477701.81	3655828.79	86.13568	(21011507)	477721.81
3655828.79	81.29944	(19020320)		
477741.81	3655828.79	72.86402	(19121607)	477761.81
3655828.79	70.51039	(20122923)		
477781.81	3655828.79	69.77706	(20012922)	477801.81
3655828.79	73.50710	(19120716)		

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*** 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)		
477821.81	3655828.79	83.40987	(19120716)	477841.81

3655828.79	86.22235	(19120716)	
477861.81	3655828.79	79.23914	(19120716) 477881.81
3655828.79	66.28999	(19120716)	
477901.81	3655828.79	63.02028	(19021804) 477921.81
3655828.79	62.26402	(21022821)	
477941.81	3655828.79	60.20485	(21022821) 477961.81
3655828.79	56.91033	(20012920)	
477981.81	3655828.79	54.56618	(21120303) 478001.81
3655828.79	54.26547	(19121518)	
477601.81	3655848.79	81.45467	(19120702) 477621.81
3655848.79	88.18797	(19120702)	
477641.81	3655848.79	91.63388	(20010607) 477661.81
3655848.79	91.30491	(20010621)	
477681.81	3655848.79	95.03531	(20010623) 477701.81
3655848.79	95.47863	(21011507)	
477721.81	3655848.79	87.50734	(19020320) 477741.81
3655848.79	79.11813	(19020320)	
477761.81	3655848.79	76.16212	(20122923) 477781.81
3655848.79	75.47512	(20012922)	
477801.81	3655848.79	84.18039	(19120716) 477821.81
3655848.79	93.70945	(19120716)	
477841.81	3655848.79	94.41988	(19120716) 477861.81
3655848.79	85.08994	(19120716)	
477881.81	3655848.79	69.89907	(19120716) 477901.81
3655848.79	67.91027	(19021804)	
477921.81	3655848.79	66.86834	(21022821) 477941.81
3655848.79	63.58911	(20012920)	
477961.81	3655848.79	60.00168	(21120303) 477981.81
3655848.79	58.51390	(19121518)	
478001.81	3655848.79	58.92610	(19121518) 477601.81
3655868.79	87.49121	(21022022)	
477621.81	3655868.79	97.17850	(19120702) 477641.81
3655868.79	99.92278	(20010607)	
477661.81	3655868.79	101.07563	(20010621) 477681.81
3655868.79	106.24604	(20010623)	
477701.81	3655868.79	103.68562	(20010623) 477721.81
3655868.79	91.30323	(21011507)	
477741.81	3655868.79	83.08161	(19020320) 477761.81
3655868.79	81.56728	(20122923)	
477781.81	3655868.79	82.23255	(20012922) 477801.81
3655868.79	94.37175	(19120716)	
477821.81	3655868.79	103.96116	(19120716) 477841.81
3655868.79	103.50544	(19120716)	
477861.81	3655868.79	92.51653	(19120716) 477881.81
3655868.79	74.49241	(19122503)	
477901.81	3655868.79	73.53930	(21022821) 477921.81
3655868.79	71.56391	(21022821)	
477941.81	3655868.79	67.30953	(20012920) 477961.81
3655868.79	64.12937	(21120303)	
477981.81	3655868.79	64.36861	(19121518) 478001.81

3655868.79	63.25092	(19121518)		
477601.81	3655888.79	89.45904	(19012605)	477621.81
3655888.79	103.58124	(21022022)		
477641.81	3655888.79	115.75119	(20120802)	477661.81
3655888.79	117.02496	(19012002)		
477681.81	3655888.79	107.92875	(20010621)	477701.81
3655888.79	96.16407	(20010623)		
477721.81	3655888.79	92.11934	(21011507)	477741.81
3655888.79	90.24809	(19020320)		
477761.81	3655888.79	88.36361	(20122923)	477781.81
3655888.79	88.74360	(19012607)		
477801.81	3655888.79	105.30434	(19120716)	477821.81
3655888.79	118.12300	(19120716)		
477841.81	3655888.79	114.55534	(19120716)	477861.81
3655888.79	100.73716	(19120716)		
477881.81	3655888.79	81.37226	(19021804)	477901.81
3655888.79	80.17856	(21022821)		
477921.81	3655888.79	76.17367	(20012920)	477941.81
3655888.79	71.56992	(21120303)		
477961.81	3655888.79	70.54649	(19121518)	477981.81
3655888.79	69.96444	(19121518)		
478001.81	3655888.79	66.93131	(19121518)	477601.81
3655908.79	101.14403	(19120616)		
477621.81	3655908.79	108.83854	(20013003)	477641.81
3655908.79	123.06464	(20120802)		
477661.81	3655908.79	127.56104	(20120802)	477681.81
3655908.79	122.25264	(20010621)		
477701.81	3655908.79	106.73192	(20010623)	477721.81
3655908.79	101.74391	(21011507)		

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*** 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 PM₁₀ IN MICROGRAMS/M**3

**

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

477741.81	3655908.79	99.81458	(19020320)		477761.81
3655908.79	101.37197	(20122923)			
477781.81	3655908.79	98.48465	(19012607)		477801.81
3655908.79	119.12691	(19120716)			
477821.81	3655908.79	134.96479	(19120716)		477841.81
3655908.79	128.36934	(19120716)			
477861.81	3655908.79	109.09813	(19120716)		477881.81
3655908.79	89.13777	(19021804)			
477901.81	3655908.79	87.06144	(21022821)		477921.81
3655908.79	81.53497	(20012920)			
477941.81	3655908.79	77.32016	(19121518)		477961.81
3655908.79	77.82821	(19121518)			
477981.81	3655908.79	74.93213	(19121518)		478001.81
3655908.79	69.61225	(19121518)			
477601.81	3655928.79	114.71747	(19120616)		477621.81
3655928.79	120.94479	(19012423)			
477641.81	3655928.79	142.81660	(19020322)		477661.81
3655928.79	158.24642	(21011418)			
477681.81	3655928.79	144.38717	(20122419)		477701.81
3655928.79	134.78080	(20010621)			
477721.81	3655928.79	111.64119	(21011507)		477741.81
3655928.79	109.05752	(19020320)			
477761.81	3655928.79	111.21153	(19121607)		477781.81
3655928.79	111.14142	(19012607)			
477801.81	3655928.79	137.00578	(19120716)		477821.81
3655928.79	154.40740	(19120716)			
477841.81	3655928.79	145.53099	(19120716)		477861.81
3655928.79	118.50997	(19120716)			
477881.81	3655928.79	98.59998	(21022821)		477901.81
3655928.79	94.12021	(21022821)			
477921.81	3655928.79	87.59738	(21120303)		477941.81
3655928.79	86.87555	(19121518)			
477961.81	3655928.79	84.53547	(19121518)		477981.81
3655928.79	78.75891	(19121518)			
478001.81	3655928.79	73.59967	(19020718)		477601.81
3655948.79	124.69056	(19120616)			
477621.81	3655948.79	133.14182	(20022806)		477641.81
3655948.79	159.75504	(21011308)			
477661.81	3655948.79	166.75474	(21011418)		477681.81
3655948.79	170.11788	(21011418)			
477701.81	3655948.79	147.54854	(20010621)		477721.81
3655948.79	126.36764	(20010623)			

477741.81	3655948.79	124.33439	(21011507)	477761.81
3655948.79	124.09067	(19020320)		
477781.81	3655948.79	128.41800	(19120716)	477801.81
3655948.79	157.17292	(19120716)		
477821.81	3655948.79	173.77859	(19120716)	477841.81
3655948.79	162.84663	(19120716)		
477861.81	3655948.79	129.00011	(19120716)	477881.81
3655948.79	109.31012	(21022821)		
477901.81	3655948.79	101.96281	(20012920)	477921.81
3655948.79	97.58297	(19121518)		
477941.81	3655948.79	96.11211	(19121518)	477961.81
3655948.79	90.02972	(19121518)		
477981.81	3655948.79	83.39260	(19020718)	478001.81
3655948.79	79.30562	(19010918)		
477601.81	3655968.79	129.58260	(20020122)	477621.81
3655968.79	146.13661	(20022801)		
477641.81	3655968.79	166.57551	(20021420)	477661.81
3655968.79	174.80471	(21122108)		
477681.81	3655968.79	182.97264	(21011418)	477701.81
3655968.79	162.62448	(20120802)		
477721.81	3655968.79	143.22946	(20010623)	477741.81
3655968.79	150.93545	(21011507)		
477761.81	3655968.79	147.79314	(19020320)	477781.81
3655968.79	150.84919	(19120716)		
477801.81	3655968.79	181.73659	(19120716)	477821.81
3655968.79	196.88326	(19120716)		
477841.81	3655968.79	184.49617	(19120716)	477861.81
3655968.79	140.49943	(19120716)		
477881.81	3655968.79	120.96071	(21022821)	477901.81
3655968.79	111.19862	(21120303)		
477921.81	3655968.79	110.37689	(19121518)	477941.81
3655968.79	104.15281	(19121518)		
477961.81	3655968.79	95.54020	(19020718)	477981.81
3655968.79	90.27785	(19010918)		
478001.81	3655968.79	87.35999	(19010918)	477601.81
3655988.79	156.86193	(19121020)		
477621.81	3655988.79	169.38455	(21011722)	477641.81
3655988.79	176.54235	(21011408)		

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*** 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 ,

```

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

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*** DISCRETE CARTESIAN RECEPTOR POINTS

** CONC OF PM₁₀ IN MICROGRAMS/M**3

**

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

477661.81	3655988.79	184.40888	(21011308)	477681.81
3655988.79	192.72363	(21122108)		
477701.81	3655988.79	176.02715	(20120802)	477721.81
3655988.79	169.09959	(20010621)		
477741.81	3655988.79	163.88513	(21011507)	477761.81
3655988.79	167.42769	(19020320)		
477781.81	3655988.79	168.07687	(19120716)	477801.81
3655988.79	210.67936	(19120716)		
477821.81	3655988.79	228.10696	(19120716)	477841.81
3655988.79	210.65888	(19120716)		
477861.81	3655988.79	153.16130	(19120716)	477881.81
3655988.79	133.34230	(20012920)		
477901.81	3655988.79	128.01435	(19121518)	477921.81
3655988.79	122.07128	(19121518)		
477941.81	3655988.79	111.18401	(19020718)	477961.81
3655988.79	104.08074	(19010918)		
477981.81	3655988.79	99.93743	(19010918)	478001.81
3655988.79	93.52563	(19012101)		
477601.81	3656008.79	168.23898	(19012724)	477621.81
3656008.79	174.58790	(20021321)		
477641.81	3656008.79	185.72367	(21011408)	477661.81
3656008.79	186.48701	(21122102)		
477681.81	3656008.79	195.68228	(19120616)	477701.81
3656008.79	204.49761	(19120616)		
477721.81	3656008.79	187.44026	(19120616)	477741.81
3656008.79	179.39666	(19010516)		
477761.81	3656008.79	170.43843	(21011507)	477781.81
3656008.79	193.23333	(19120716)		
477801.81	3656008.79	247.03127	(19120716)	477821.81
3656008.79	268.35107	(19120716)		
477841.81	3656008.79	242.38924	(19120716)	477861.81
3656008.79	164.89590	(19120716)		
477881.81	3656008.79	149.40042	(19121518)	477901.81

3656008.79	146.15405	(19121518)	
477921.81	3656008.79	132.15990	(19020718) 477941.81
3656008.79	122.00519	(19010918)	
477961.81	3656008.79	115.77694	(19010918) 477981.81
3656008.79	107.38406	(19012101)	
478001.81	3656008.79	98.50945	(21022119) 477601.81
3656028.79	171.99755	(21120720)	
477621.81	3656028.79	175.83461	(19121818) 477641.81
3656028.79	190.11158	(21120122)	
477661.81	3656028.79	193.03763	(19120616) 477681.81
3656028.79	229.63742	(19120616)	
477701.81	3656028.79	250.87888	(19120616) 477721.81
3656028.79	249.32740	(19120616)	
477741.81	3656028.79	211.73300	(19120616) 477761.81
3656028.79	194.23603	(19010516)	
477781.81	3656028.79	236.06626	(19120716) 477801.81
3656028.79	293.58090	(19120716)	
477821.81	3656028.79	319.64101	(19120716) 477841.81
3656028.79	282.25888	(19120716)	
477861.81	3656028.79	185.99664	(20012920) 477881.81
3656028.79	177.35096	(19121518)	
477901.81	3656028.79	160.27111	(19121518) 477921.81
3656028.79	146.32144	(19010918)	
477941.81	3656028.79	136.37002	(19010918) 477961.81
3656028.79	124.80085	(19012101)	
477981.81	3656028.79	113.17614	(19121517) 478001.81
3656028.79	104.95210	(19021621)	
477601.81	3656048.79	166.12684	(20050706) 477621.81
3656048.79	171.03499	(20050706)	
477641.81	3656048.79	197.25096	(20021922) 477661.81
3656048.79	201.06684	(19012623)	
477681.81	3656048.79	244.42464	(19120616) 477701.81
3656048.79	293.28243	(19120616)	
477721.81	3656048.79	308.91606	(19120616) 477741.81
3656048.79	284.22484	(19120616)	
477761.81	3656048.79	227.55429	(19120616) 477781.81
3656048.79	287.74186	(19120716)	
477801.81	3656048.79	352.87346	(19120716) 477821.81
3656048.79	379.21449	(19120716)	
477841.81	3656048.79	328.02668	(19120716) 477861.81
3656048.79	218.25521	(19121518)	
477881.81	3656048.79	201.23754	(19121518) 477901.81
3656048.79	183.93709	(20101317)	
477921.81	3656048.79	165.97226	(20101317) 477941.81
3656048.79	147.22940	(19012101)	
477961.81	3656048.79	133.02423	(19021621) 477981.81
3656048.79	120.69281	(19021621)	

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*** 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 PM₁₀ IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
478001.81	3656048.79	111.24314	(19051018)	477912.66
3655638.19	36.88980	(19122503)		
477940.84	3655629.86	34.85400	(19122503)	477970.87
3655616.86	33.11067	(19021804)		
477725.92	3655737.71	51.53426	(19121607)	477803.76
3655734.98	50.09219	(20012922)		
478027.75	3656091.03	112.93349	(21010516)	478041.36
3656113.34	116.73637	(21010516)		
478060.95	3656112.26	105.63987	(21010516)	478037.00
3656044.76	93.45976	(19012024)		
478025.57	3656015.90	92.33023	(19021621)	478021.21
3655996.85	88.63970	(21022119)		
478014.68	3655971.27	84.87525	(19010918)	478067.48
3656028.42	80.73802	(19012024)		
478072.38	3656050.20	82.31855	(21022218)	478060.95
3656005.02	79.23345	(19021621)		
478059.32	3655962.56	72.08433	(21022119)	478151.32
3656028.97	62.00318	(21022218)		
478160.57	3656063.26	63.68391	(21022020)	478204.12
3656046.39	54.45546	(21022020)		
478192.14	3656007.74	53.61575	(21022218)	478130.09
3655980.52	61.28876	(20121517)		
478178.53	3655965.82	52.08643	(19012024)	478105.59
3655906.49	56.42746	(19012101)		

478186.15	3655923.91	48.51667	(19021621)	478197.58
3656141.65	63.78489	(19122616)		
478219.90	3656168.87	56.25595	(20021718)	478080.55
3656204.25	94.75893	(19012919)		
478080.55	3656204.25	94.75893	(19012919)	478290.67
3655984.33	41.64636	(21022218)		
478302.10	3656030.60	41.46112	(21022020)	478226.86
3655930.20	45.12350	(20121517)		
478267.37	3655927.05	41.32477	(19012024)	478303.55
3655891.66	35.85103	(20121517)		
478316.92	3655919.97	36.39554	(19012024)	478169.04
3655874.35	46.32792	(21022119)		
478202.87	3655862.94	43.52206	(21022119)	478245.74
3655855.47	38.87353	(19021621)		
478039.25	3655857.38	55.61219	(21122606)	478104.58
3655853.02	48.46024	(19010918)		
478114.48	3655865.62	50.26189	(19010918)	

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE SUMMARY OF MAXIMUM PERIOD (26304

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	1ST HIGHEST VALUE IS	120.33617	AT (	477881.27,	3656161.04,	51.04,
101.79,	0.00) DC					
	2ND HIGHEST VALUE IS	115.52956	AT (	477841.42,	3656223.07,	58.09,
101.79,	0.00) DC					
	3RD HIGHEST VALUE IS	98.20028	AT (	477799.16,	3656239.28,	64.46,
101.79,	0.00) DC					
	4TH HIGHEST VALUE IS	89.62244	AT (	477884.09,	3656215.48,	53.76,
101.79,	0.00) DC					
	5TH HIGHEST VALUE IS	79.61011	AT (	477877.59,	3656112.60,	48.29,
101.79,	0.00) DC					

6TH HIGHEST VALUE IS 65.97859 AT (477767.77, 3656252.20, 67.73,
101.79, 0.00) DC
7TH HIGHEST VALUE IS 62.93393 AT (477928.70, 3656143.00, 47.44,
101.79, 0.00) DC
8TH HIGHEST VALUE IS 54.51933 AT (477940.95, 3656208.14, 48.61,
101.79, 0.00) DC
9TH HIGHEST VALUE IS 54.19800 AT (477723.93, 3656083.21, 53.51,
101.79, 0.00) DC
10TH HIGHEST VALUE IS 51.28035 AT (477769.69, 3656067.17, 48.84,
101.79, 0.00) DC

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE SUMMARY OF HIGHEST 1-HR

RESULTS ***

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

**

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

ALL HIGH 1ST HIGH VALUE IS 399.45051 ON 19120716: AT (477822.81,
3656055.81, 44.35, 101.79, 0.00) DC

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

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*** 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 1272 Informational Message(s)

A Total of 26304 Hours Were Processed

A Total of 701 Calm Hours Identified

A Total of 571 Missing Hours Identified (2.17 Percent)

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

***** WARNING MESSAGES *****
ME W186 544 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
0.50
ME W187 544 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

*** AERMOD Finishes Successfully ***

HARP2 - HRACalc (dated 22118) 2/21/2023 1:29:17 PM - Output Log

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully

RISK SCENARIO SETTINGS

Receptor Type: Resident
Scenario: All
Calculation Method: HighEnd

EXPOSURE DURATION PARAMETERS FOR CANCER

Start Age: -0.25
Total Exposure Duration: 1.06

Exposure Duration Bin Distribution
3rd Trimester Bin: 0.25
0<2 Years Bin: 1.06
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: False
Dermal: False
Mother's milk: False
Water: False
Fish: False
Homegrown crops: False
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

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\enuno\OneDrive - Dudek\Desktop\HARP2\HARP\Encinitas_Sanctuary\Sactuary Harp\ENCINITAS SANCTUARY CONSTRUCTION UNMIT\hra\Sanctuary_Const_Unmit_FAH_AdjCancerRisk.csv

Cancer risk total by receptor saved to: C:\Users\enuno\OneDrive - Dudek\Desktop\HARP2\HARP\Encinitas_Sanctuary\Sactuary Harp\ENCINITAS SANCTUARY CONSTRUCTION UNMIT\hra\Sanctuary_Const_Unmit_FAH_AdjCancerRiskSumByRec.csv

Calculating chronic risk

Chronic risk breakdown by pollutant and receptor saved to: C:\Users\enuno\OneDrive - Dudek\Desktop\HARP2\HARP\Encinitas_Sanctuary\Sactuary Harp\ENCINITAS SANCTUARY CONSTRUCTION UNMIT\hra\Sanctuary_Const_Unmit_FAH_AdjNCChronicRisk.csv

Chronic risk total by receptor saved to: C:\Users\enuno\OneDrive - Dudek\Desktop\HARP2\HARP\Encinitas_Sanctuary\Sactuary Harp\ENCINITAS SANCTUARY CONSTRUCTION UNMIT\hra\Sanctuary_Const_Unmit_FAH_AdjNCChronicRiskSumByRec.csv

Calculating acute risk

Acute risk breakdown by pollutant and receptor saved to: C:\Users\enuno\OneDrive - Dudek\Desktop\HARP2\HARP\Encinitas_Sanctuary\Sactuary Harp\ENCINITAS SANCTUARY CONSTRUCTION UNMIT\hra\Sanctuary_Const_Unmit_FAH_AdjNCAcuteRisk.csv

Acute risk total by receptor saved to: C:\Users\enuno\OneDrive - Dudek\Desktop\HARP2\HARP\Encinitas_Sanctuary\Sactuary Harp\ENCINITAS SANCTUARY CONSTRUCTION UNMIT\hra\Sanctuary_Const_Unmit_FAH_AdjNCAcuteRiskSumByRec.csv

HRA ran successfully

*HARP - HRACalc v22118 2/21/2023 1:29:17 PM - Cancer Risk - Input File: C:\Users\enuno\OneDrive - Dudek\Desktop\HARP2\HARP\Encinitas_Sanctuary\Sactuary Harp\ENCINITAS SANCTUARY CONSTRUCTION UNMIT\hra\Sanctuary_

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_R	MMILK_RIS	WATER_RIS	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
5	ALL		477881.3	3656161	3.37E-05	1.06YrCanc	3.37E-05	0.00E+00	0.00E+00	0.00E+00	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		477841.4	3656223	3.24E-05	1.06YrCanc	3.24E-05	0.00E+00	0.00E+00	0.00E+00	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		477799.2	3656239	2.75E-05	1.06YrCanc	2.75E-05	0.00E+00	0.00E+00	0.00E+00	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		477884.1	3656215	2.51E-05	1.06YrCanc	2.51E-05	0.00E+00	0.00E+00	0.00E+00	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		477877.6	3656113	2.23E-05	1.06YrCanc	2.23E-05	0.00E+00	0.00E+00	0.00E+00	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		477767.8	3656252	1.85E-05	1.06YrCanc	1.85E-05	0.00E+00	0.00E+00	0.00E+00	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		477928.7	3656143	1.76E-05	1.06YrCanc	1.76E-05	0.00E+00	0.00E+00	0.00E+00	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		477941	3656208	1.53E-05	1.06YrCanc	1.53E-05	0.00E+00	0.00E+00	0.00E+00	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		477723.9	3656083	1.52E-05	1.06YrCanc	1.52E-05	0.00E+00	0.00E+00	0.00E+00	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		477769.7	3656067	1.44E-05	1.06YrCanc	1.44E-05	0.00E+00	0.00E+00	0.00E+00	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		477848	3656279	1.31E-05	1.06YrCanc	1.31E-05	0.00E+00	0.00E+00	0.00E+00	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		477686.9	3656092	1.29E-05	1.06YrCanc	1.29E-05	0.00E+00	0.00E+00	0.00E+00	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		477843.2	3656065	1.27E-05	1.06YrCanc	1.27E-05	0.00E+00	0.00E+00	0.00E+00	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		477898.4	3656260	1.27E-05	1.06YrCanc	1.27E-05	0.00E+00	0.00E+00	0.00E+00	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		477822.8	3656056	1.15E-05	1.06YrCanc	1.15E-05	0.00E+00	0.00E+00	0.00E+00	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		477657.5	3656113	1.15E-05	1.06YrCanc	1.15E-05	0.00E+00	0.00E+00	0.00E+00	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		477781.8	3656049	1.07E-05	1.06YrCanc	1.07E-05	0.00E+00	0.00E+00	0.00E+00	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		477761.8	3656049	1.05E-05	1.06YrCanc	1.05E-05	0.00E+00	0.00E+00	0.00E+00	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		477801.8	3656049	1.05E-05	1.06YrCanc	1.05E-05	0.00E+00	0.00E+00	0.00E+00	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		477912.2	3656272	1.04E-05	1.06YrCanc	1.04E-05	0.00E+00	0.00E+00	0.00E+00	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		477741.8	3656049	1.03E-05	1.06YrCanc	1.03E-05	0.00E+00	0.00E+00	0.00E+00	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		477821.8	3656049	1.02E-05	1.06YrCanc	1.02E-05	0.00E+00	0.00E+00	0.00E+00	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		477968.5	3656122	1.01E-05	1.06YrCanc	1.01E-05	0.00E+00	0.00E+00	0.00E+00	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		477721.8	3656049	9.88E-06	1.06YrCanc	9.88E-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
953	ALL		477841.8	3656049	9.64E-06	1.06YrCanc	9.64E-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
29	ALL		477799.3	3656302	9.60E-06	1.06YrCanc	9.60E-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
31	ALL		477855.4	3656304	9.47E-06	1.06YrCanc	9.47E-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
946	ALL		477701.8	3656049	9.32E-06	1.06YrCanc	9.32E-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
48	ALL		477991.8	3656212	9.27E-06	1.06YrCanc	9.27E-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
954	ALL		477861.8	3656049	8.82E-06	1.06YrCanc	8.82E-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
8	ALL		477859.2	3656048	8.80E-06	1.06YrCanc	8.80E-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
945	ALL		477681.8	3656049	8.49E-06	1.06YrCanc	8.49E-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
927	ALL		477741.8	3656029	8.14E-06	1.06YrCanc	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
15	ALL		477613	3656132	8.03E-06	1.06YrCanc	8.03E-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
955	ALL		477881.8	3656049	7.94E-06	1.06YrCanc	7.94E-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
926	ALL		477721.8	3656029	7.94E-06	1.06YrCanc	7.94E-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
929	ALL		477781.8	3656029	7.93E-06	1.06YrCanc	7.93E-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
928	ALL		477761.8	3656029	7.93E-06	1.06YrCanc	7.93E-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
19	ALL		477930	3656071	7.78E-06	1.06YrCanc	7.78E-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
20	ALL		477930	3656071	7.78E-06	1.06YrCanc	7.78E-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
930	ALL		477801.8	3656029	7.70E-06	1.06YrCanc	7.70E-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
944	ALL		477661.8	3656049	7.60E-06	1.06YrCanc	7.60E-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
931	ALL		477821.8	3656029	7.53E-06	1.06YrCanc	7.53E-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
925	ALL		477701.8	3656029	7.36E-06	1.06YrCanc	7.36E-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
932	ALL		477841.8	3656029	7.13E-06	1.06YrCanc	7.13E-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
956	ALL		477901.8	3656049	7.02E-06	1.06YrCanc	7.02E-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
16	ALL		477697.9	3656267	6.99E-06	1.06YrCanc	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
924	ALL		477681.8	3656029	6.77E-06	1.06YrCanc	6.77E-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
933	ALL		477861.8	3656029	6.71E-06	1.06YrCanc	6.71E-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
906	ALL		477741.8	3656009	6.60E-06	1.06YrCanc	6.60E-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
905	ALL		477721.8	3656009	6.51E-06	1.06YrCanc	6.51E-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
957	ALL		477921.8	3656049	6.29E-06	1.06YrCanc	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
907	ALL		477761.8	3656009	6.28E-06	1.06YrCanc	6.28E-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
934	ALL		477881.8	3656029	6.21E-06	1.06YrCanc	6.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00							

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878 ALL	477601.8	3655989	3.86E-06	1.06YrCanc	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	0.00E+00
893 ALL	477921.8	3655989	3.84E-06	1.06YrCanc	3.84E-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	0.00E+00
879 ALL	477621.8	3655989	3.83E-06	1.06YrCanc	3.83E-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	0.00E+00
939 ALL	477981.8	3656029	3.81E-06	1.06YrCanc	3.81E-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	0.00E+00
869 ALL	477841.8	3655969	3.79E-06	1.06YrCanc	3.79E-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	0.00E+00
218 ALL	477499.2	3656046	3.74E-06	1.06YrCanc	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	0.00E+00
842 ALL	477721.8	3655949	3.72E-06	1.06YrCanc	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	0.00E+00
843 ALL	477741.8	3655949	3.65E-06	1.06YrCanc	3.65E-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	0.00E+00
844 ALL	477761.8	3655949	3.65E-06	1.06YrCanc	3.65E-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	0.00E+00
841 ALL	477701.8	3655949	3.63E-06	1.06YrCanc	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	0.00E+00
256 ALL	477499.2	3656102	3.62E-06	1.06YrCanc	3.62E-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	0.00E+00
236 ALL	477481.5	3656074	3.62E-06	1.06YrCanc	3.62E-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	0.00E+00
857 ALL	477601.8	3655969	3.61E-06	1.06YrCanc	3.61E-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	0.00E+00
858 ALL	477621.8	3655969	3.61E-06	1.06YrCanc	3.61E-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	0.00E+00
870 ALL	477861.8	3655969	3.60E-06	1.06YrCanc	3.60E-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	0.00E+00
845 ALL	477781.8	3655949	3.60E-06	1.06YrCanc	3.60E-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	0.00E+00
917 ALL	477961.8	3656009	3.57E-06	1.06YrCanc	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	0.00E+00
894 ALL	477921.8	3655989	3.56E-06	1.06YrCanc	3.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00							

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24	ALL	477563.7	3656214	2.35E-06	1.06YrCanc	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
976	ALL	478061	3656005	2.35E-06	1.06YrCanc	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
71	ALL	478012.9	3656438	2.33E-06	1.06YrCanc	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
831	ALL	477921.8	3655929	2.33E-06	1.06YrCanc	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
776	ALL	477661.8	3655889	2.33E-06	1.06YrCanc	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
163	ALL	477499.2	3655935	2.32E-06	1.06YrCanc	2.32E-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
774	ALL	477621.8	3655889	2.31E-06	1.06YrCanc	2.31E-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
780	ALL	477741.8	3655889	2.31E-06	1.06YrCanc	2.31E-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
162	ALL	477481.5	3655935	2.31E-06	1.06YrCanc	2.31E-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
807	ALL	477861.8	3655909	2.30E-06	1.06YrCanc	2.30E-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
775	ALL	477641.8	3655889	2.30E-06	1.06YrCanc	2.30E-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
973	ALL	478014.7	3655971	2.29E-06	1.06YrCanc	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
986	ALL	478197.6	3656142	2.28E-06	1.06YrCanc	2.28E-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
161	ALL	477463.8	3655935	2.27E-06	1.06YrCanc	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
374	ALL	477645.8	3656328	2.26E-06	1.06YrCanc	2.26E-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
773	ALL	477601.8	3655889	2.25E-06	1.06YrCanc	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
781	ALL	477761.8	3655889	2.24E-06	1.06YrCanc	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
855	ALL	477981.8	3655949	2.24E-06	1.06YrCanc	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
197	ALL	477393.2	3656019	2.23E-06	1.06YrCanc	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
214	ALL	477393.2	3656046	2.23E-06	1.06YrCanc	2										

834	ALL	477981.8	3655929	2.00E-06	1.06YrCanc	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
159	ALL	477410.8	3655935	1.99E-06	1.06YrCanc	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
149	ALL	477481.5	3655908	1.99E-06	1.06YrCanc	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
148	ALL	477463.8	3655908	1.99E-06	1.06YrCanc	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
373	ALL	477621.1	3656328	1.99E-06	1.06YrCanc	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
58	ALL	477568.4	3655879	1.98E-06	1.06YrCanc	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
811	ALL	477941.8	3655909	1.97E-06	1.06YrCanc	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
51	ALL	477507.6	3655899	1.97E-06	1.06YrCanc	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
735	ALL	477681.8	3655849	1.97E-06	1.06YrCanc	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
787	ALL	477881.8	3655889	1.97E-06	1.06YrCanc	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
762	ALL	477801.8	3655869	1.97E-06	1.06YrCanc	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
286	ALL	477481.5	3656158	1.96E-06	1.06YrCanc	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
251	ALL	477410.8	3656102	1.95E-06	1.06YrCanc	1.95E-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
974	ALL	477661.8	3655849	1.95E-06	1.06YrCanc	1.95E-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
738	ALL	478151.3	3656029	1.94E-06	1.06YrCanc	1.94E-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
157	ALL	477375.5	3655935	1.93E-06	1.06YrCanc	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
76	ALL	477980.9	3656506	1.92E-06	1.06YrCanc	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
267	ALL	477428.5	3656130	1.92E-06	1.06YrCanc	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
147	ALL	477446.2	3655908	1.92E-06	1.06YrCanc	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
252	ALL	477428.5	3656102	1.92E-06	1.06YrCanc											

741 ALL	477801.8	3655849	1.75E-06	1.06YrCanc	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	0.00E+00
766 ALL	477881.8	3655869	1.75E-06	1.06YrCanc	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	0.00E+00
195 ALL	477357.8	3656019	1.75E-06	1.06YrCanc	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	0.00E+00
183 ALL	477357.8	3655991	1.74E-06	1.06YrCanc	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	0.00E+00
134 ALL	477481.5	3655880	1.74E-06	1.06YrCanc	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	0.00E+00
712 ALL	477641.8	3655829	1.74E-06	1.06YrCanc	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	0.00E+00
166 ALL	477287.1	3655963	1.74E-06	1.06YrCanc	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	0.00E+00
980 ALL	478204.1	3656046	1.72E-06	1.06YrCanc	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	0.00E+00
409 ALL	477645.8	3656378	1.72E-06	1.06YrCanc	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	0.00E+00
297 ALL	477481.5	3656185	1.72E-06	1.06YrCanc	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	0.00E+00
145 ALL	477393.2	3655908	1.72E-06	1.06YrCanc	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	0.00E+00
179 ALL	477287.1	3655991	1.72E-06	1.06YrCanc	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	0.00E+00
711 ALL	477621.8	3655829	1.72E-06	1.06YrCanc	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	0.00E+00
133 ALL	477463.8	3655880	1.71E-06	1.06YrCanc	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	0.00E+00
399 ALL	477621.1	3656362	1.71E-06	1.06YrCanc	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	0.00E+00
132 ALL	477446.2	3655880	1.71E-06	1.06YrCanc	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	0.00E+00
814 ALL	478001.8	3655909	1.71E-06	1.06YrCanc	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	0.00E+00
80 ALL	478071.1	3656479	1.71E-06	1.06YrCanc	1.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E							

229	ALL	477357.8	3656074	1.58E-06	1.06YrCanc	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
745	ALL	477881.8	3655849	1.58E-06	1.06YrCanc	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
427	ALL	477645.8	3656395	1.58E-06	1.06YrCanc	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
227	ALL	477322.5	3656074	1.58E-06	1.06YrCanc	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
209	ALL	477304.8	3656046	1.57E-06	1.06YrCanc	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
981	ALL	478192.1	3656008	1.57E-06	1.06YrCanc	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
190	ALL	477269.5	3656019	1.56E-06	1.06YrCanc	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
249	ALL	477375.5	3656102	1.55E-06	1.06YrCanc	1.55E-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
398	ALL	477596.5	3656362	1.55E-06	1.06YrCanc	1.55E-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
793	ALL	478001.8	3655889	1.55E-06	1.06YrCanc	1.55E-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
130	ALL	477393.2	3655880	1.55E-06	1.06YrCanc	1.55E-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
283	ALL	477428.5	3656158	1.55E-06	1.06YrCanc	1.55E-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
720	ALL	477801.8	3655829	1.54E-06	1.06YrCanc	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
770	ALL	477961.8	3655869	1.54E-06	1.06YrCanc	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
192	ALL	477304.8	3656019	1.54E-06	1.06YrCanc	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
140	ALL	477304.8	3655908	1.54E-06	1.06YrCanc	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
75	ALL	477797.1	3656557	1.54E-06	1.06YrCanc	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
746	ALL	477901.8	3655849	1.54E-06	1.06YrCanc	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
265	ALL	477393.2	3656130	1.54E-06	1.06YrCanc	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
309	ALL	477481.5	3656213	1.53E-06	1.06YrCanc											

772	ALL	478001.8	3655869	1.42E-06	1.06YrCanc	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
334	ALL	477499.2	3656269	1.41E-06	1.06YrCanc	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
749	ALL	477696.8	3655849	1.40E-06	1.06YrCanc	1.40E-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
397	ALL	477571.8	3656362	1.39E-06	1.06YrCanc	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
700	ALL	477801.8	3655809	1.39E-06	1.06YrCanc	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
725	ALL	477901.8	3655829	1.39E-06	1.06YrCanc	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
372	ALL	477547.1	3656328	1.39E-06	1.06YrCanc	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
244	ALL	477287.1	3656102	1.39E-06	1.06YrCanc	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
247	ALL	477340.1	3656102	1.38E-06	1.06YrCanc	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
686	ALL	477601.8	3655789	1.38E-06	1.06YrCanc	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
983	ALL	478178.5	3655966	1.38E-06	1.06YrCanc	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
445	ALL	477621.1	3656412	1.37E-06	1.06YrCanc	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
701	ALL	477821.8	3655809	1.37E-06	1.06YrCanc	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
120	ALL	477375.5	3655852	1.37E-06	1.06YrCanc	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
425	ALL	477596.5	3656395	1.37E-06	1.06YrCanc	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
726	ALL	477921.8	3655829	1.36E-06	1.06YrCanc	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
307	ALL	477446.2	3656213	1.36E-06	1.06YrCanc	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
702	ALL	477841.8	3655809	1.35E-06	1.06YrCanc	1.35E-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
246	ALL	477322.5	3656102	1													

470 ALL	477645.8	3656445	1.23E-06	1.06YrCanc	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	0.00E+00
689 ALL	477841.8	3655789	1.23E-06	1.06YrCanc	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	0.00E+00
991 ALL	478302.1	3656031	1.22E-06	1.06YrCanc	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	0.00E+00
596 ALL	477559.3	3656388	1.22E-06	1.06YrCanc	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	0.00E+00
345 ALL	477481.5	3656296	1.22E-06	1.06YrCanc	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	0.00E+00
124 ALL	477181.1	3655880	1.22E-06	1.06YrCanc	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	0.00E+00
676 ALL	477761.8	3655769	1.22E-06	1.06YrCanc	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	0.00E+00
385 ALL	477522.4	3656345	1.21E-06	1.06YrCanc	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	0.00E+00
706 ALL	477941.8	3655809	1.21E-06	1.06YrCanc	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	0.00E+00
690 ALL	477861.8	3655789	1.21E-06	1.06YrCanc	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	0.00E+00
223 ALL	477216.5	3656074	1.21E-06	1.06YrCanc	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	0.00E+00
461 ALL	477596.5	3656429	1.20E-06	1.06YrCanc	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	0.00E+00
205 ALL	477198.8	3656046	1.20E-06	1.06YrCanc	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	0.00E+00
136 ALL	477145.8	3655908	1.20E-06	1.06YrCanc	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	0.00E+00
406 ALL	477547.1	3656378	1.20E-06	1.06YrCanc	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	0.00E+00
305 ALL	477410.8	3656213	1.19E-06	1.06YrCanc	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	0.00E+00
730 ALL	478001.8	3655829	1.19E-06	1.06YrCanc	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	0.00E+00
360 ALL	477499.2	3656324	1.19E-06	1.06YrCanc	1.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00							

405	ALL	477522.4	3656378	1.11E-06	1.06YrCanc	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
665	ALL	477761.8	3655749	1.11E-06	1.06YrCanc	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
709	ALL	478001.8	3655809	1.10E-06	1.06YrCanc	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
442	ALL	477547.1	3656412	1.10E-06	1.06YrCanc	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
203	ALL	477163.4	3656046	1.10E-06	1.06YrCanc	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
105	ALL	477198.8	3655824	1.10E-06	1.06YrCanc	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
112	ALL	477145.8	3655852	1.09E-06	1.06YrCanc	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
262	ALL	477234.1	3656130	1.09E-06	1.06YrCanc	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
680	ALL	477881.8	3655769	1.08E-06	1.06YrCanc	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
1001	ALL	478114.5	3655866	1.08E-06	1.06YrCanc	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
608	ALL	477889.4	3655770	1.08E-06	1.06YrCanc	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
241	ALL	477198.8	3656102	1.08E-06	1.06YrCanc	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
694	ALL	477961.8	3655789	1.08E-06	1.06YrCanc	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
98	ALL	477340.1	3655796	1.08E-06	1.06YrCanc	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
965	ALL	477725.9	3655738	1.08E-06	1.06YrCanc	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
104	ALL	477181.1	3655824	1.07E-06	1.06YrCanc	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
202	ALL	477145.8	3656046	1.07E-06	1.06YrCanc	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
91	ALL	477410.8	3655769	1.07E-06	1.06YrCanc	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
681	ALL	477901.8	3655769	1.07E-06	1.06YrCanc	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
261	ALL	477216.5	3656130	1.06E-06	1.06YrCanc											

670	ALL	477901.8	3655749	9.84E-07	1.06YrCanc	9.84E-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
94	ALL	477163.4	3655796	9.84E-07	1.06YrCanc	9.84E-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
421	ALL	477497.7	3656395	9.82E-07	1.06YrCanc	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
277	ALL	477234.1	3656158	9.79E-07	1.06YrCanc	9.79E-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
458	ALL	477522.4	3656429	9.78E-07	1.06YrCanc	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
494	ALL	477645.8	3656495	9.76E-07	1.06YrCanc	9.76E-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
684	ALL	477981.8	3655769	9.73E-07	1.06YrCanc	9.73E-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
651	ALL	477721.8	3655709	9.69E-07	1.06YrCanc	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
276	ALL	477216.5	3656158	9.67E-07	1.06YrCanc	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
259	ALL	477181.1	3656130	9.65E-07	1.06YrCanc	9.65E-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
493	ALL	477621.1	3656495	9.65E-07	1.06YrCanc	9.65E-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
238	ALL	477145.8	3656102	9.64E-07	1.06YrCanc	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
88	ALL	477216.5	3655769	9.64E-07	1.06YrCanc	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
474	ALL	477547.1	3656462	9.58E-07	1.06YrCanc	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
605	ALL	477758.4	3656643	9.58E-07	1.06YrCanc	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
93	ALL	477145.8	3655796	9.58E-07	1.06YrCanc	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
650	ALL	477641.8	3655709	9.57E-07	1.06YrCanc	9.57E-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
483	ALL	477571.8	3656479	9.55E-07	1.06YrCanc	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
997	ALL	478202.9	3655863	9.54E-07	1.06YrCanc	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
612	ALL	477449.8	3655744	9.50E-07	1.06YrCanc											

481	ALL	477522.4	3656479	8.61E-07	1.06YrCanc	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	0.00E+00	0.00E+00
304	ALL	477269.5	3656213	8.60E-07	1.06YrCanc	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	0.00E+00	0.00E+00
330	ALL	477322.5	3656269	8.55E-07	1.06YrCanc	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	0.00E+00	0.00E+00
504	ALL	477571.8	3656512	8.55E-07	1.06YrCanc	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	0.00E+00	0.00E+00
369	ALL	477374.3	3656328	8.53E-07	1.06YrCanc	8.53E-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	0.00E+00	0.00E+00
613	ALL	477442.4	3655710	8.49E-07	1.06YrCanc	8.49E-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	0.00E+00	0.00E+00
519	ALL	477645.8	3656529	8.47E-07	1.06YrCanc	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	0.00E+00	0.00E+00
518	ALL	477621.1	3656529	8.46E-07	1.06YrCanc	8.46E-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	0.00E+00	0.00E+00
662	ALL	477981.8	3655729	8.44E-07	1.06YrCanc	8.44E-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	0.00E+00	0.00E+00
420	ALL	477448.4	3656395	8.44E-07	1.06YrCanc	8.44E-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	0.00E+00	0.00E+00
998	ALL	478245.7	3655855	8.42E-07	1.06YrCanc	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	0.00E+00	0.00E+00
472	ALL	477497.7	3656462	8.41E-07	1.06YrCanc	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	0.00E+00	0.00E+00
343	ALL	477340.1	3656296	8.38E-07	1.06YrCanc	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	0.00E+00	0.00E+00
595	ALL	477421.2	3656373	8.37E-07	1.06YrCanc	8.37E-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	0.00E+00	0.00E+00
273	ALL	477163.4	3656158	8.34E-07	1.06YrCanc	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	0.00E+00	0.00E+00
272	ALL	477145.8	3656158	8.34E-07	1.06YrCanc	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	0.00E+00	0.00E+00
291	ALL	477216.5	3656185	8.32E-07	1.06YrCanc	8.32E-07</													

315	ALL	477251.8	3656241	7.68E-07	1.06YrCanc	7.68E-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
617	ALL	477601.8	3655649	7.66E-07	1.06YrCanc	7.66E-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
300	ALL	477198.8	3656213	7.66E-07	1.06YrCanc	7.66E-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
529	ALL	477571.8	3656545	7.66E-07	1.06YrCanc	7.66E-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
438	ALL	477423.7	3656412	7.66E-07	1.06YrCanc	7.66E-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
644	ALL	477941.8	3655689	7.64E-07	1.06YrCanc	7.64E-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
618	ALL	477621.8	3655649	7.62E-07	1.06YrCanc	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
622	ALL	477701.8	3655649	7.61E-07	1.06YrCanc	7.61E-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
367	ALL	477325	3656328	7.60E-07	1.06YrCanc	7.60E-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
355	ALL	477322.5	3656324	7.59E-07	1.06YrCanc	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
620	ALL	477661.8	3655649	7.54E-07	1.06YrCanc	7.54E-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
645	ALL	477961.8	3655689	7.52E-07	1.06YrCanc	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
544	ALL	477621.1	3656562	7.52E-07	1.06YrCanc	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
619	ALL	477641.8	3655649	7.52E-07	1.06YrCanc	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
514	ALL	477522.4	3656529	7.51E-07	1.06YrCanc	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
621	ALL	477681.8	3655649	7.50E-07	1.06YrCanc	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
83	ALL	477516.5	3656525	7.50E-07	1.06YrCanc	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
403	ALL	477374.3	3656378	7.49E-07	1.06YrCanc	7.49E-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
328	ALL	477269.5	3656269	7.48E-07	1.06YrCanc	7.48E-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
314	ALL	477234.1	3656241	7.48E-07	1.06YrCanc											

624	ALL	477941.8	3655649	6.69E-07	1.06YrCanc	6.69E-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
379	ALL	477275.6	3656345	6.68E-07	1.06YrCanc	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
561	ALL	477596.5	3656596	6.65E-07	1.06YrCanc	6.65E-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
562	ALL	477621.1	3656596	6.65E-07	1.06YrCanc	6.65E-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
339	ALL	477234.1	3656296	6.64E-07	1.06YrCanc	6.64E-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
436	ALL	477349.7	3656412	6.64E-07	1.06YrCanc	6.64E-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
351	ALL	477251.8	3656324	6.63E-07	1.06YrCanc	6.63E-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
364	ALL	477250.9	3656328	6.60E-07	1.06YrCanc	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
625	ALL	477961.8	3655649	6.59E-07	1.06YrCanc	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
962	ALL	477912.7	3655638	6.59E-07	1.06YrCanc	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
563	ALL	477645.8	3656596	6.58E-07	1.06YrCanc	6.58E-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
325	ALL	477181.1	3656269	6.57E-07	1.06YrCanc	6.57E-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
560	ALL	477571.8	3656596	6.55E-07	1.06YrCanc	6.55E-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
337	ALL	477198.8	3656296	6.55E-07	1.06YrCanc	6.55E-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
626	ALL	477981.8	3655649	6.54E-07	1.06YrCanc	6.54E-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
338	ALL	477216.5	3656296	6.52E-07	1.06YrCanc	6.52E-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
324	ALL	477163.4	3656269	6.52E-07	1.06YrCanc	6.52E-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
455	ALL	477349.7	3656429	6.46E-07	1.06YrCanc	6.46E-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
378	ALL	477250.9	3656345	6													

512	ALL	477374.3	3656529	5.68E-07	1.06YrCanc	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
347	ALL	477145.8	3656324	5.66E-07	1.06YrCanc	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
375	ALL	477152.2	3656345	5.64E-07	1.06YrCanc	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
431	ALL	477226.3	3656412	5.62E-07	1.06YrCanc	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
451	ALL	477250.9	3656429	5.61E-07	1.06YrCanc	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
583	ALL	476221.1	3656646	5.60E-07	1.06YrCanc	5.60E-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
582	ALL	477596.5	3656646	5.60E-07	1.06YrCanc	5.60E-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
412	ALL	477201.6	3656395	5.59E-07	1.06YrCanc	5.59E-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
524	ALL	477374.3	3656545	5.59E-07	1.06YrCanc	5.59E-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
551	ALL	477399	3656579	5.57E-07	1.06YrCanc	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
581	ALL	477571.8	3656646	5.55E-07	1.06YrCanc	5.55E-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
499	ALL	477349.7	3656512	5.50E-07	1.06YrCanc	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
584	ALL	477645.8	3656646	5.49E-07	1.06YrCanc	5.49E-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
450	ALL	477226.3	3656429	5.47E-07	1.06YrCanc	5.47E-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
411	ALL	477176.9	3656395	5.44E-07	1.06YrCanc	5.44E-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
430	ALL	477201.6	3656412	5.44E-07	1.06YrCanc	5.44E-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
537	ALL	477374.3	3656562	5.43E-07	1.06YrCanc	5.43E-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
511	ALL	477349.7	3656529	5.39E-07	1.06YrCanc	5.39E-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
449	ALL	477201.6	3656429	5.34E-07	1.06YrCanc	5.34E-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
410	ALL	477152.2	3656395	5.33E-07	1.06YrCanc											

[illegible]

HARP2 - HRACalc (dated 22118) 2/20/2023 3:01:43 PM - Output Log

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully

RISK SCENARIO SETTINGS

Receptor Type: Resident
Scenario: All
Calculation Method: HighEnd

EXPOSURE DURATION PARAMETERS FOR CANCER

Start Age: -0.25
Total Exposure Duration: 1.06

Exposure Duration Bin Distribution
3rd Trimester Bin: 0.25
0<2 Years Bin: 1.06
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: False
Dermal: False
Mother's milk: False
Water: False
Fish: False
Homegrown crops: False
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

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\enuno\OneDrive - Dudek\Desktop\HARP2\HARP\Encinitas_Sanctuary\Sactuary Harp\SANCTUARY CONST MIT\hra\Sanctuary_Const_mit_FAH_AdjCancerRisk.csv

Cancer risk total by receptor saved to: C:\Users\enuno\OneDrive - Dudek\Desktop\HARP2\HARP\Encinitas_Sanctuary\Sactuary Harp\SANCTUARY CONST MIT\hra\Sanctuary_Const_mit_FAH_AdjCancerRiskSumByRec.csv

Calculating chronic risk

Chronic risk breakdown by pollutant and receptor saved to: C:\Users\enuno\OneDrive - Dudek\Desktop\HARP2\HARP\Encinitas_Sanctuary\Sactuary Harp\SANCTUARY CONST MIT\hra\Sanctuary_Const_mit_FAH_AdjNCChronicRisk.csv

Chronic risk total by receptor saved to: C:\Users\enuno\OneDrive - Dudek\Desktop\HARP2\HARP\Encinitas_Sanctuary\Sactuary Harp\SANCTUARY CONST MIT\hra\Sanctuary_Const_mit_FAH_AdjNCChronicRiskSumByRec.csv

Calculating acute risk

Acute risk breakdown by pollutant and receptor saved to: C:\Users\enuno\OneDrive - Dudek\Desktop\HARP2\HARP\Encinitas_Sanctuary\Sactuary Harp\SANCTUARY CONST MIT\hra\Sanctuary_Const_mit_FAH_AdjNCAcuteRisk.csv

Acute risk total by receptor saved to: C:\Users\enuno\OneDrive - Dudek\Desktop\HARP2\HARP\Encinitas_Sanctuary\Sactuary Harp\SANCTUARY CONST MIT\hra\Sanctuary_Const_mit_FAH_AdjNCAcuteRiskSumByRec.csv

HRA ran successfully

*HARP - HRACalc v22118 2/20/2023 3:01:43 PM - Cancer Risk - Input File: C:\Users\enuno\OneDrive - Dudek\Desktop\HARP2\HARP\Encinitas_Sanctuary\Sactuary Harp\SANCTUARY CONST MIT\hra\Sanctuary_Const_mit_FAH_AdjH

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_F	EGG_RISK
	5 ALL		477881.3	3656161	7.78E-06	1.06YrCanc	7.78E-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
	1 ALL		477841.4	3656223	7.47E-06	1.06YrCanc	7.47E-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
	3 ALL		477799.2	3656239	6.35E-06	1.06YrCanc	6.35E-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
	2 ALL		477884.1	3656215	5.79E-06	1.06YrCanc	5.79E-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
	7 ALL		477877.6	3656113	5.15E-06	1.06YrCanc	5.15E-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
	4 ALL		477767.8	3656252	4.27E-06	1.06YrCanc	4.27E-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
	6 ALL		477928.7	3656143	4.07E-06	1.06YrCanc	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
	17 ALL		477941	3656208	3.52E-06	1.06YrCanc	3.52E-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
	12 ALL		477723.9	3656083	3.50E-06	1.06YrCanc	3.50E-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
	11 ALL		477769.7	3656067	3.32E-06	1.06YrCanc	3.32E-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
	30 ALL		477848	3656279	3.02E-06	1.06YrCanc	3.02E-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
	13 ALL		477686.9	3656092	2.98E-06	1.06YrCanc	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
	9 ALL		477843.2	3656065	2.93E-06	1.06YrCanc	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
	47 ALL		477898.4	3656260	2.92E-06	1.06YrCanc	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
	10 ALL		477822.8	3656056	2.65E-06	1.06YrCanc	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
	14 ALL		477657.5	3656113	2.64E-06	1.06YrCanc	2.64E-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
	950 ALL		477781.8	3656049	2.47E-06	1.06YrCanc	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
	949 ALL		477761.8	3656049	2.42E-06	1.06YrCanc	2.42E-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
	951 ALL		477801.8	3656049	2.42E-06	1.06YrCanc	2.42E-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
	46 ALL		477912.2	3656272	2.41E-06	1.06YrCanc	2.41E-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
	948 ALL		477741.8	3656049	2.38E-06	1.06YrCanc	2.38E-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
	952 ALL		477821.8	3656049	2.35E-06	1.06YrCanc	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
	18 ALL		477968.5	3656122	2.33E-06	1.06YrCanc	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
	947 ALL		477721.8	3656049	2.28E-06	1.06YrCanc	2.28E-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
	953 ALL		477841.8	3656049	2.22E-06	1.06YrCanc	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
	29 ALL		477799.3	3656302	2.22E-06	1.06YrCanc	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
	31 ALL		477855.4	3656304	2.19E-06	1.06YrCanc	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
	946 ALL		477701.8	3656049	2.15E-06	1.06YrCanc	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
	48 ALL		477991.8	3656212	2.14E-06	1.06YrCanc	2.14E-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
	954 ALL		477861.8	3656049	2.04E-06	1.06YrCanc	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
	8 ALL		477859.2	3656048	2.03E-06	1.06YrCanc	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
	945 ALL		477681.8	3656049	1.96E-06	1.06YrCanc	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
	927 ALL		477741.8	3656029	1.88E-06	1.06YrCanc	1.88E-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
	15 ALL		477613	3656132	1.85E-06	1.06YrCanc	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
	955 ALL		477881.8	3656049	1.83E-06	1.06YrCanc	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
	926 ALL		477721.8	3656029	1.83E-06	1.06YrCanc	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
	929 ALL		477781.8	3656029	1.83E-06	1.06YrCanc	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
	928 ALL		477761.8	3656029	1.83E-06	1.06YrCanc	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
	19 ALL		477930	3656071	1.80E-06	1.06YrCanc	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
	20 ALL		477930	3656071	1.80E-06	1.06YrCanc	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
	930 ALL		477801.8	3656029	1.78E-06	1.06YrCanc	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
	944 ALL		477661.8	3656049	1.75E-06	1.06YrCanc	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
	931 ALL		477821.8	3656029	1.74E-06	1.06YrCanc	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
	925 ALL		477701.8	3656029	1.70E-06	1.06YrCanc	1.70E-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
	932 ALL		477841.8	3656029	1.65E-06	1.06YrCanc	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
	956 ALL		477901.8	3656049	1.62E-06	1.06YrCanc	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
	16 ALL		477697.9	3656267	1.61E-06	1.06YrCanc	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
	924 ALL		477681.8	3656029	1.56E-06	1.06YrCanc	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
	933 ALL		477861.8	3656029	1.55E-06	1.06YrCanc	1.55E-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
	906 ALL		477741.8	3656009	1.52E-06	1.06YrCanc	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
	905 ALL		477721.8	3656009	1.50E-06	1.06YrCanc	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
	957 ALL		477921.8	3656049	1.45E-06	1.06YrCanc	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
	907 ALL		477761.8	3656009	1.45E-06	1.06YrCanc	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
	934 ALL		477881.8	365602														

908	ALL	477781.8	3656009	1.40E-06	1.06YrCanc	1.40E-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
923	ALL	477661.8	3656029	1.40E-06	1.06YrCanc	1.40E-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
904	ALL	477701.8	3656009	1.39E-06	1.06YrCanc	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
909	ALL	477801.8	3656009	1.39E-06	1.06YrCanc	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
910	ALL	477821.8	3656009	1.34E-06	1.06YrCanc	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
943	ALL	477641.8	3656049	1.31E-06	1.06YrCanc	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
935	ALL	477901.8	3656029	1.30E-06	1.06YrCanc	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
958	ALL	477941.8	3656049	1.30E-06	1.06YrCanc	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
911	ALL	477841.8	3656009	1.29E-06	1.06YrCanc	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
886	ALL	477761.8	3655989	1.28E-06	1.06YrCanc	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
885	ALL	477741.8	3655989	1.26E-06	1.06YrCanc	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
41	ALL	477826.1	3656362	1.25E-06	1.06YrCanc	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
884	ALL	477721.8	3655989	1.24E-06	1.06YrCanc	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
21	ALL	477909.1	3656026	1.22E-06	1.06YrCanc	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
912	ALL	477861.8	3656009	1.22E-06	1.06YrCanc	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
903	ALL	477681.8	3656009	1.21E-06	1.06YrCanc	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
968	ALL	478041.4	3656113	1.20E-06	1.06YrCanc	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
936	ALL	477921.8	3656029	1.19E-06	1.06YrCanc	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
68	ALL	477898.3	3656364	1.17													

961		478001.8	3656049	9.39E-07	1.06YrCanc	9.39E-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
867	ALL	477801.8	3655969	9.39E-07	1.06YrCanc	9.39E-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
607	ALL	477888.1	3655990	9.35E-07	1.06YrCanc	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
882	ALL	477681.8	3655989	9.09E-07	1.06YrCanc	9.09E-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
868	ALL	477821.8	3655969	9.01E-07	1.06YrCanc	9.01E-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
237	ALL	477499.2	3656074	8.98E-07	1.06YrCanc	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
916	ALL	477941.8	3656009	8.96E-07	1.06YrCanc	8.96E-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
881	ALL	477661.8	3655989	8.94E-07	1.06YrCanc	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
49	ALL	477524.9	3656025	8.93E-07	1.06YrCanc	8.93E-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
880	ALL	477641.8	3655989	8.92E-07	1.06YrCanc	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
878	ALL	477601.8	3655989	8.91E-07	1.06YrCanc	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
893	ALL	477901.8	3655989	8.86E-07	1.06YrCanc	8.86E-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
879	ALL	477621.8	3655989	8.83E-07	1.06YrCanc	8.83E-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
939	ALL	477981.8	3656029	8.80E-07	1.06YrCanc	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
869	ALL	477841.8	3655969	8.74E-07	1.06YrCanc	8.74E-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
218	ALL	477499.2	3656046	8.63E-07	1.06YrCanc	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
842	ALL	477721.8	3655949	8.59E-07	1.06YrCanc	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
843	ALL	477741.8	3655949	8.43E-07	1.06YrCanc	8.43E-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
844	ALL	477761.8	3655949	8.41													

824	ALL	477781.8	3655929	7.04E-07	1.06YrCanc	7.04E-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
919	ALL	478001.8	3656009	6.98E-07	1.06YrCanc	6.98E-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
65	ALL	477800.3	3656428	6.90E-07	1.06YrCanc	6.90E-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
188	ALL	477481.5	3655991	6.88E-07	1.06YrCanc	6.88E-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
840	ALL	477681.8	3655949	6.86E-07	1.06YrCanc	6.86E-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
70	ALL	477932.2	3656435	6.85E-07	1.06YrCanc	6.85E-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
234	ALL	477446.2	3656074	6.80E-07	1.06YrCanc	6.80E-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
850	ALL	477881.8	3655949	6.78E-07	1.06YrCanc	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
825	ALL	477801.8	3655929	6.76E-07	1.06YrCanc	6.76E-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
816	ALL	477621.8	3655929	6.70E-07	1.06YrCanc	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
838	ALL	477641.8	3655949	6.69E-07	1.06YrCanc	6.69E-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
826	ALL	477821.8	3655929	6.68E-07	1.06YrCanc	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
819	ALL	477681.8	3655929	6.64E-07	1.06YrCanc	6.64E-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
975	ALL	478072.4	3656050	6.64E-07	1.06YrCanc	6.64E-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
874	ALL	477941.8	3655969	6.63E-07	1.06YrCanc	6.63E-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
971	ALL	478025.6	3656016	6.63E-07	1.06YrCanc	6.63E-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
897	ALL	477981.8	3655989	6.62E-07	1.06YrCanc	6.62E-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
839	ALL	477661.8	3655949	6.59E-07	1.06YrCanc	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
815	ALL	477601.8	3655929	6.5													

804	ALL	477801.8	3655909	5.82E-07	1.06YrCanc	5.82E-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
794	ALL	477601.8	3655909	5.81E-07	1.06YrCanc	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
853	ALL	477941.8	3655949	5.79E-07	1.06YrCanc	5.79E-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
72	ALL	477838.1	3656479	5.77E-07	1.06YrCanc	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
805	ALL	477821.8	3655909	5.75E-07	1.06YrCanc	5.75E-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
215	ALL	477410.8	3656046	5.72E-07	1.06YrCanc	5.72E-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
23	ALL	477556.6	3656194	5.72E-07	1.06YrCanc	5.72E-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
270	ALL	477481.5	3656130	5.69E-07	1.06YrCanc	5.69E-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
778	ALL	477701.8	3655889	5.68E-07	1.06YrCanc	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
777	ALL	477681.8	3655889	5.67E-07	1.06YrCanc	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
50	ALL	477517.8	3655938	5.66E-07	1.06YrCanc	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
830	ALL	477901.8	3655929	5.63E-07	1.06YrCanc	5.63E-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
186	ALL	477410.8	3655991	5.58E-07	1.06YrCanc	5.58E-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
44	ALL	477529.1	3656165	5.56E-07	1.06YrCanc	5.56E-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
806	ALL	477841.8	3655909	5.48E-07	1.06YrCanc	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
185	ALL	477393.2	3655991	5.48E-07	1.06YrCanc	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
854	ALL	477961.8	3655949	5.47E-07	1.06YrCanc	5.47E-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
232	ALL	477410.8	3656074	5.46E-07	1.06YrCanc	5.46E-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
779	ALL	477721.8	3655889	5.44E													

184	ALL	477375.5	3655991	4.94E-07	1.06YrCanc	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
172	ALL	477393.2	3655963	4.94E-07	1.06YrCanc	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
34	ALL	477595.9	3656279	4.93E-07	1.06YrCanc	4.93E-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
987	ALL	478219.9	3656169	4.89E-07	1.06YrCanc	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
754	ALL	477641.8	3655869	4.88E-07	1.06YrCanc	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
833	ALL	477961.8	3655929	4.87E-07	1.06YrCanc	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
856	ALL	478001.8	3655949	4.86E-07	1.06YrCanc	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
45	ALL	477507.5	3656168	4.85E-07	1.06YrCanc	4.85E-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
171	ALL	477375.5	3655963	4.84E-07	1.06YrCanc	4.84E-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
287	ALL	477499.2	3656158	4.84E-07	1.06YrCanc	4.84E-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
753	ALL	477621.8	3655869	4.80E-07	1.06YrCanc	4.80E-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
785	ALL	477841.8	3655889	4.80E-07	1.06YrCanc	4.80E-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
810	ALL	477921.8	3655909	4.76E-07	1.06YrCanc	4.76E-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
36	ALL	477613.1	3656310	4.75E-07	1.06YrCanc	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
35	ALL	477601.7	3656296	4.74E-07	1.06YrCanc	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
759	ALL	477741.8	3655869	4.73E-07	1.06YrCanc	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
390	ALL	477645.8	3656345	4.73E-07	1.06YrCanc	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
752	ALL	477601.8	3655869	4.71E-07	1.06YrCanc	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
81	ALL	478062.2	3656436	4.70E-													

74	ALL	477858.6	3656540	4.32E-07	1.06YrCanc	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
298	ALL	477499.2	3656185	4.31E-07	1.06YrCanc	4.31E-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
196	ALL	477375.5	3656019	4.31E-07	1.06YrCanc	4.31E-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
169	ALL	477340.1	3655963	4.29E-07	1.06YrCanc	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
213	ALL	477375.5	3656046	4.27E-07	1.06YrCanc	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
389	ALL	477621.1	3656345	4.26E-07	1.06YrCanc	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
285	ALL	477463.8	3656158	4.26E-07	1.06YrCanc	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
731	ALL	477601.8	3655849	4.26E-07	1.06YrCanc	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
764	ALL	477841.8	3655869	4.26E-07	1.06YrCanc	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
146	ALL	477428.5	3655908	4.25E-07	1.06YrCanc	4.25E-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
231	ALL	477393.2	3656074	4.25E-07	1.06YrCanc	4.25E-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
789	ALL	477921.8	3655889	4.25E-07	1.06YrCanc	4.25E-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
39	ALL	477656.6	3656373	4.22E-07	1.06YrCanc	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
716	ALL	477721.8	3655829	4.19E-07	1.06YrCanc	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
715	ALL	477701.8	3655829	4.19E-07	1.06YrCanc	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
37	ALL	477616.8	3656345	4.18E-07	1.06YrCanc	4.18E-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
739	ALL	477761.8	3655849	4.17E-07	1.06YrCanc	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
765	ALL	477861.8	3655869	4.16E-07	1.06YrCanc	4.16E-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
813	ALL	477981.8	3655909	4.15E-07	1.06YrCanc	4.15E-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
156	ALL	477357.8	3655935	4.13E-07	1.06YrCanc											

[illegible]

61	ALL	477515.7	3656265	3.51E-07	1.06YrCanc	3.51E-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
721	ALL	477821.8	3655829	3.50E-07	1.06YrCanc	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
697	ALL	477601.8	3655809	3.48E-07	1.06YrCanc	3.48E-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
295	ALL	477446.2	3656185	3.48E-07	1.06YrCanc	3.48E-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
191	ALL	477287.1	3656019	3.46E-07	1.06YrCanc	3.46E-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
128	ALL	477357.8	3655880	3.46E-07	1.06YrCanc	3.46E-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
208	ALL	477287.1	3656046	3.46E-07	1.06YrCanc	3.46E-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
129	ALL	477375.5	3655880	3.46E-07	1.06YrCanc	3.46E-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
62	ALL	477538.8	3656296	3.46E-07	1.06YrCanc	3.46E-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
722	ALL	477841.8	3655829	3.45E-07	1.06YrCanc	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
747	ALL	477921.8	3655849	3.45E-07	1.06YrCanc	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
78	ALL	478071.8	3656518	3.45E-07	1.06YrCanc	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
52	ALL	477512.7	3655838	3.43E-07	1.06YrCanc	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
121	ALL	477428.5	3655852	3.42E-07	1.06YrCanc	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
151	ALL	477234.1	3655935	3.42E-07	1.06YrCanc	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
225	ALL	477287.1	3656074	3.42E-07	1.06YrCanc	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
426	ALL	477621.1	3656395	3.41E-07	1.06YrCanc	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
57	ALL	477556.2	3655822	3.41E-07	1.06YrCanc	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
771	ALL	477981.8	3655869	3.41E-													

702	ALL	477841.8	3655809	3.13E-07	1.06YrCanc	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
246	ALL	477322.5	3656102	3.12E-07	1.06YrCanc	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
750	ALL	477981.8	3655849	3.11E-07	1.06YrCanc	3.11E-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
119	ALL	477357.8	3655852	3.11E-07	1.06YrCanc	3.11E-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
281	ALL	477393.2	3656158	3.11E-07	1.06YrCanc	3.11E-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
64	ALL	477555.5	3656350	3.11E-07	1.06YrCanc	3.11E-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
125	ALL	477269.5	3655880	3.10E-07	1.06YrCanc	3.10E-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
111	ALL	477428.5	3655824	3.09E-07	1.06YrCanc	3.09E-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
463	ALL	477645.8	3656429	3.07E-07	1.06YrCanc	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
703	ALL	477861.8	3655809	3.06E-07	1.06YrCanc	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
727	ALL	477941.8	3655829	3.05E-07	1.06YrCanc	3.05E-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
386	ALL	477547.1	3656345	3.05E-07	1.06YrCanc	3.05E-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
118	ALL	477340.1	3655852	3.04E-07	1.06YrCanc	3.04E-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
687	ALL	477761.8	3655789	3.04E-07	1.06YrCanc	3.04E-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
320	ALL	477463.8	3656241	3.04E-07	1.06YrCanc	3.04E-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
333	ALL	477481.5	3656269	3.03E-07	1.06YrCanc	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
280	ALL	477375.5	3656158	3.02E-07	1.06YrCanc	3.02E-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
110	ALL	477410.8	3655824	3.02E-07	1.06YrCanc	3.02E-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
704	ALL	477881.8	3655809	3.													

205	ALL	477198.8	3656046	2.78E-07	1.06YrCanc	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
136	ALL	477145.8	3655908	2.77E-07	1.06YrCanc	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
406	ALL	477547.1	3656378	2.77E-07	1.06YrCanc	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
305	ALL	477410.8	3656213	2.76E-07	1.06YrCanc	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
730	ALL	478001.8	3655829	2.75E-07	1.06YrCanc	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
360	ALL	477499.2	3656324	2.75E-07	1.06YrCanc	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
469	ALL	477621.1	3656445	2.75E-07	1.06YrCanc	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
443	ALL	477571.8	3656412	2.74E-07	1.06YrCanc	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
123	ALL	477163.4	3655880	2.73E-07	1.06YrCanc	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
691	ALL	477881.8	3655789	2.73E-07	1.06YrCanc	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
101	ALL	477428.5	3655796	2.73E-07	1.06YrCanc	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
115	ALL	477198.8	3655852	2.71E-07	1.06YrCanc	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
707	ALL	477961.8	3655809	2.71E-07	1.06YrCanc	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
100	ALL	477410.8	3655796	2.71E-07	1.06YrCanc	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
370	ALL	477497.7	3656328	2.70E-07	1.06YrCanc	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
606	ALL	477748.6	3656612	2.70E-07	1.06YrCanc	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
108	ALL	477322.5	3655824	2.69E-07	1.06YrCanc	2.69E-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
222	ALL	477198.8	3656074	2.69E-07	1.06YrCanc	2.69E-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
243	ALL	477234.1	3656102	2													

[illegible]

421	ALL	477497.7	3656395	2.27E-07	1.06YrCanc	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
277	ALL	477234.1	3656158	2.26E-07	1.06YrCanc	2.26E-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
458	ALL	477522.4	3656429	2.26E-07	1.06YrCanc	2.26E-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
494	ALL	477645.8	3656495	2.25E-07	1.06YrCanc	2.25E-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
684	ALL	477981.8	3655769	2.25E-07	1.06YrCanc	2.25E-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
651	ALL	477721.8	3655709	2.24E-07	1.06YrCanc	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
276	ALL	477216.5	3656158	2.23E-07	1.06YrCanc	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
259	ALL	477181.1	3656130	2.23E-07	1.06YrCanc	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
493	ALL	477621.1	3656495	2.23E-07	1.06YrCanc	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
238	ALL	477145.8	3656102	2.23E-07	1.06YrCanc	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
88	ALL	477216.5	3655769	2.23E-07	1.06YrCanc	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
474	ALL	477547.1	3656462	2.21E-07	1.06YrCanc	2.21E-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
605	ALL	477758.4	3656643	2.21E-07	1.06YrCanc	2.21E-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
93	ALL	477145.8	3655796	2.21E-07	1.06YrCanc	2.21E-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
650	ALL	477641.8	3655709	2.21E-07	1.06YrCanc	2.21E-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
483	ALL	477571.8	3656479	2.20E-07	1.06YrCanc	2.20E-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
997	ALL	478209.3	3655863	2.20E-07	1.06YrCanc	2.20E-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
612	ALL	477449.8	3655744	2.19E-07	1.06YrCanc	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
649	ALL	477621.8	3655709	2.1													

661	ALL	477961.8	3655729	1.99E-07	1.06YrCanc	1.99E-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
490	ALL	477547.1	3656495	1.99E-07	1.06YrCanc	1.99E-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
292	ALL	477234.1	3656185	1.99E-07	1.06YrCanc	1.99E-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
481	ALL	477522.4	3656479	1.99E-07	1.06YrCanc	1.99E-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
304	ALL	477269.5	3656213	1.98E-07	1.06YrCanc	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
330	ALL	477322.5	3656269	1.97E-07	1.06YrCanc	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
504	ALL	477571.8	3656512	1.97E-07	1.06YrCanc	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
369	ALL	477374.3	3656328	1.97E-07	1.06YrCanc	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
613	ALL	477442.4	3655710	1.96E-07	1.06YrCanc	1.96E-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
519	ALL	477645.8	3656529	1.96E-07	1.06YrCanc	1.96E-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
518	ALL	477621.1	3656529	1.95E-07	1.06YrCanc	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
662	ALL	477981.8	3655729	1.95E-07	1.06YrCanc	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
420	ALL	477448.4	3656395	1.95E-07	1.06YrCanc	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
998	ALL	478245.7	3655855	1.94E-07	1.06YrCanc	1.94E-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
472	ALL	477497.7	3656462	1.94E-07	1.06YrCanc	1.94E-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
343	ALL	477340.1	3656296	1.93E-07	1.06YrCanc	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
595	ALL	477421.2	3656373	1.93E-07	1.06YrCanc	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
273	ALL	477163.4	3656158	1.92E-07	1.06YrCanc	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
272	ALL	477145.8	3656158	1													

643	ALL	477921.8	3655689	1.79E-07	1.06YrCanc	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
288	ALL	477163.4	3656185	1.79E-07	1.06YrCanc	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
655	ALL	478001.8	3655709	1.79E-07	1.06YrCanc	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
382	ALL	477349.7	3656345	1.78E-07	1.06YrCanc	1.78E-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
615	ALL	477505.3	3655672	1.78E-07	1.06YrCanc	1.78E-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
623	ALL	477721.8	3655649	1.78E-07	1.06YrCanc	1.78E-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
341	ALL	477304.8	3656296	1.78E-07	1.06YrCanc	1.78E-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
329	ALL	477287.1	3656269	1.78E-07	1.06YrCanc	1.78E-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
315	ALL	477251.8	3656241	1.77E-07	1.06YrCanc	1.77E-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
617	ALL	477601.8	3655649	1.77E-07	1.06YrCanc	1.77E-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
300	ALL	477198.8	3656213	1.77E-07	1.06YrCanc	1.77E-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
529	ALL	477571.8	3656545	1.77E-07	1.06YrCanc	1.77E-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
438	ALL	477423.7	3656412	1.77E-07	1.06YrCanc	1.77E-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
644	ALL	477941.8	3655689	1.76E-07	1.06YrCanc	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
618	ALL	477621.8	3655649	1.76E-07	1.06YrCanc	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
622	ALL	477701.8	3655649	1.76E-07	1.06YrCanc	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
367	ALL	477325	3656328	1.75E-07	1.06YrCanc	1.75E-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
355	ALL	477322.5	3656324	1.75E-07	1.06YrCanc	1.75E-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
620	ALL	477661.8	3655649	1.7													

327	ALL	477216.5	3656269	1.59E-07	1.06YrCanc	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
554	ALL	477571.8	3656579	1.59E-07	1.06YrCanc	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
340	ALL	477251.8	3656296	1.59E-07	1.06YrCanc	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
352	ALL	477269.5	3656324	1.58E-07	1.06YrCanc	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
540	ALL	477522.4	3656562	1.58E-07	1.06YrCanc	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
365	ALL	477275.6	3656328	1.57E-07	1.06YrCanc	1.57E-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	477163.4	3656241	1.57E-07	1.06YrCanc	1.57E-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
638	ALL	478001.8	3655669	1.57E-07	1.06YrCanc	1.57E-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
456	ALL	477374.3	3656429	1.56E-07	1.06YrCanc	1.56E-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
311	ALL	477145.8	3656241	1.55E-07	1.06YrCanc	1.55E-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
553	ALL	477547.1	3656579	1.55E-07	1.06YrCanc	1.55E-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
326	ALL	477198.8	3656269	1.55E-07	1.06YrCanc	1.55E-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
417	ALL	477325	3656395	1.54E-07	1.06YrCanc	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
624	ALL	477941.8	3655649	1.54E-07	1.06YrCanc	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
379	ALL	477275.6	3656345	1.54E-07	1.06YrCanc	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
561	ALL	477596.5	3656596	1.54E-07	1.06YrCanc	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
562	ALL	477621.1	3656596	1.53E-07	1.06YrCanc	1.53E-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
339	ALL	477234.1	3656296	1.53E-07	1.06YrCanc	1.53E-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
436	ALL	477349.7	3656412	1.5													

[illegible]

548	ALL	477325	3656579	1.12E-07	1.06YrCanc	1.12E-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
602	ALL	477571.5	3656691	1.11E-07	1.06YrCanc	1.11E-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
521	ALL	477300.3	3656545	1.11E-07	1.06YrCanc	1.11E-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
604	ALL	477657.4	3656688	1.10E-07	1.06YrCanc	1.10E-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
534	ALL	477300.3	3656562	1.09E-07	1.06YrCanc	1.09E-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
471	ALL	477152.2	3656462	1.06E-07	1.06YrCanc	1.06E-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
479	ALL	477152.2	3656479	1.03E-07	1.06YrCanc	1.03E-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
487	ALL	477152.2	3656495	1.00E-07	1.06YrCanc	1.00E-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
496	ALL	477176.9	3656512	1.00E-07	1.06YrCanc	1.00E-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
601	ALL	477431.4	3656699	1.00E-07	1.06YrCanc	1.00E-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
495	ALL	477152.2	3656512	9.77E-08	1.06YrCanc	9.77E-08	0.00E+00	0.00E+00	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	477396.7	3656689	9.76E-08	1.06YrCanc	9.76E-08	0.00E+00	0.00E+00	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	477176.9	3656529	9.54E-08	1.06YrCanc	9.54E-08	0.00E+00	0.00E+00	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	477368.1	3656685	9.46E-08	1.06YrCanc	9.46E-08	0.00E+00	0.00E+00	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	477344	3656678	9.24E-08	1.06YrCanc	9.24E-08	0.00E+00	0.00E+00	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	477201.6	3656579	9.16E-08	1.06YrCanc	9.16E-08	0.00E+00	0.00E+00	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	477176.9	3656545	9.14E-08	1.06YrCanc	9.14E-08	0.00E+00	0.00E+00	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	477176.9	3656562	9.02E-08	1.06YrCanc	9.02E-08	0.00E+00	0.00E+00	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	477319.9	3656674	9.00E-08	1.06YrCanc	9.00E-08	0.00E+00	0.00E+00	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	477201.6	3656596	8.90E-08	1.06YrCanc	8										