

File MR_XS_Coord_07.xls -- Ground-surface coordinates at cross sections in 2007.

Cross section	Station (m)	Offset (m downstream)	Point name	UTM Zone 12 coordinates (m)			Sampling time				Point stakeout		Notes
				Northing	Easting	Elevation	Month	Day	Year	Hour	Minute	Stake-to point name	
1	0.06	0	A445	5309896.22	532664.62	786.75	8	17	2007	13	48	X381	0.049
1	4.52	-0.01	A446	5309892.71	532661.82	786.63	8	17	2007	13	52	X65	0.034
1	11.89	0.01	A443	5309886.98	532657.13	786.63	8	17	2007	12	46	X64	0.025
1	12.37	0.01	A440	5309886.7	532656.82	784.82	8	17	2007	12	43	X63	0.07
1	13.32	0.01	A439	5309885.89	532656.25	784.01	8	17	2007	12	40	X62	0.03
1	15.33	-0.01	A438	5309884.37	532654.9	782.47	8	17	2007	12	29	X61	0.047
1	15.74	0	A437	5309884.02	532654.68	782.31	8	17	2007	12	28	X60	0.018
1	16.28	0.02	A436	5309883.57	532654.38	782.2	8	17	2007	12	27	X59	0.026
1	17.38	-0.01	A435	5309882.78	532653.65	782.15	8	17	2007	12	26	X58	0.015
1	18.79	-0.01	A434	5309881.65	532652.72	782.11	8	17	2007	12	24	X57	0.041
1	21.41	0.02	A433	5309879.63	532651.12	781.97	8	17	2007	12	22	X56	0.005
1	24.01	-0.03	A432	5309877.67	532649.43	781.78	8	17	2007	12	21	X55	0.027
1	25.23	-0.01	A431	5309876.72	532648.73	781.77	8	17	2007	12	20	X54	0.06
1	27.64	-0.01	A430	5309874.79	532647.19	781.79	8	17	2007	12	19	X53	0.048
1	30.11	-0.03	A429	5309872.9	532645.56	781.84	8	17	2007	12	16	X52	0.024
1	32.51	0.01	A428	5309871.03	532644.12	781.95	8	17	2007	12	14	X51	0.035
1	34.25	-0.02	A427	5309869.76	532642.97	782.08	8	17	2007	12	12	X50	0.047
1	36.17	-0.03	A426	5309868.23	532641.74	782.24	8	17	2007	12	10	X49	0.007
1	38.82	0.02	A425	5309866.17	532640.11	782.38	8	17	2007	12	8	X48	0.026
1	43.13	0	A424	5309862.86	532637.33	782.53	8	17	2007	12	7	X47	0.041
1	45.73	-0.01	A423	5309860.8	532635.69	782.49	8	17	2007	12	6	X46	0.017
1	49.18	0	A422	5309858.11	532633.52	782.31	8	17	2007	12	4	X45	0.029
1	49.82	-0.03	A421	5309857.69	532633.1	782.29	8	17	2007	12	4	X44	0.028
1	50.92	-0.01	A420	5309856.77	532632.39	782.28	8	17	2007	12	3	X43	0.042
1	52.81	0	A419	5309855.32	532631.21	782.48	8	17	2007	12	2	X42	0.019
1	54.7	0.02	A418	5309853.85	532630.05	782.54	8	17	2007	12	1	X41	0.006
1	56.27	-0.02	A417	5309852.68	532629.04	782.7	8	17	2007	12	0	X40	0.027
1	58.36	0.02	A416	5309851.02	532627.74	782.77	8	17	2007	12	0	X39	0.009
1	61.82	-0.02	A415	5309848.39	532625.52	782.82	8	17	2007	11	59	X38	0.027
1	62.11	-0.01	A414	5309848.11	532625.33	782.9	8	17	2007	11	58	X37	0.022
1	63.63	0.01	A413	5309846.94	532624.39	783.07	8	17	2007	11	58	X36	0.013
1	66.46	0	A412	5309844.72	532622.57	783.68	8	17	2007	11	57	X35	0.043
1	67.7	0.01	A411	5309843.78	532621.83	783.6	8	17	2007	11	56	X34	0.026
1	68.49	-0.01	A410	5309843.24	532621.33	783.81	8	17	2007	11	55	X33	0.061
1	69.91	0	A409	5309842.11	532620.43	783.83	8	17	2007	11	54	X32	0.032
1	72.86	0	A408	5309839.84	532618.52	783.93	8	17	2007	11	54	X31	0.039
1	74.5	-0.02	A407	5309838.52	532617.49	783.88	8	17	2007	11	53	X30	0.025
1	76.19	0.01	A406	5309837.23	532616.42	783.57	8	17	2007	11	52	X29	0.016
1	77.14	0.01	A405	5309836.51	532615.84	783.63	8	17	2007	11	51	X28	0.022
1	79.98	0.02	A404	5309834.26	532614.04	783.92	8	17	2007	11	47	X27	0.02
1	81.99	-0.01	A403	5309832.71	532612.76	784.03	8	17	2007	11	46	X26	0.035

1	85.51	-0.02 A402	5309830.03	532610.49	783.84	8	17	2007	11	45 X25	0.026
1	88.86	0 A401	5309827.42	532608.41	783.76	8	17	2007	11	44 X24	0.004
1	92.08	0 A400	5309824.94	532606.4	784.16	8	17	2007	11	43 X23	0.027
1	93.36	0 A399	5309823.91	532605.56	784.57	8	17	2007	11	42 X22	0.031
1	95.65	-0.02 A398	5309822.16	532604.08	784.84	8	17	2007	11	41 X21	0.027
2	-0.03	-0.05 A353	5309916.14	532649.31	786.73	8	17	2007	10	26 X378	0.009
2	5.63	-0.02 A354	5309911.53	532646.61	786.69	8	17	2007	10	33 X377	0.558
2	10.9	-0.02 A357	5309907.2	532643.03	786.63	8	17	2007	10	40	new07
2	11.16	-0.02 A358	5309906.92	532642.9	786.31	8	17	2007	10	46 X376	0.099
2	11.9	0.03 A359	5309906.34	532642.41	785.1	8	17	2007	10	53 X397	0.069
2	13.54	0.01 A360	5309905.1	532641.51	783.95	8	17	2007	10	58 X396	0.047
2	15.69	0 A361	5309903.32	532640.2	782.81	8	17	2007	11	0 X395	0.057
2	16.19	-0.01 A362	5309902.93	532639.95	782.37	8	17	2007	11	0 X394	0.032
2	17.8	-0.01 A363	5309901.63	532639.03	782.31	8	17	2007	11	1 X393	0.051
2	20.9	-0.02 A364	5309899.02	532637.23	782.17	8	17	2007	11	2 X392	0.048
2	24.55	-0.01 A365	5309896.08	532635.09	781.99	8	17	2007	11	3 X391	0.032
2	28.19	0.01 A366	5309893.1	532633.04	781.92	8	17	2007	11	4 X390	0.008
2	31.16	-0.01 A367	5309890.73	532631.32	781.93	8	17	2007	11	5 X389	0.047
2	33.77	0.01 A368	5309888.59	532629.79	781.98	8	17	2007	11	6 X388	0.05
2	37.57	0.02 A369	5309885.44	532627.61	782.17	8	17	2007	11	7 X387	0.01
2	41.26	-0.01 A370	5309882.46	532625.46	782.4	8	17	2007	11	9 X386	0.014
2	45.97	-0.03 A371	5309878.62	532622.74	782.66	8	17	2007	11	10 X385	0.029
2	48.28	0.02 A372	5309876.7	532621.42	782.74	8	17	2007	11	11 X384	0.005
2	50.96	0.01 A373	5309874.53	532619.85	782.56	8	17	2007	11	12 X383	0.014
2	52.66	0 A374	5309873.15	532618.86	782.83	8	17	2007	11	13 X382	0.019
2	52.93	-0.03 A375	5309872.97	532618.67	782.95	8	17	2007	11	14 X89	0.045
2	54.46	-0.03 A376	5309871.7	532617.83	783.52	8	17	2007	11	15 X88	0.022
2	56.46	0.01 A377	5309870.06	532616.66	783.13	8	17	2007	11	16 X87	0.033
2	57.38	-0.01 A378	5309869.31	532616.14	783	8	17	2007	11	17 X86	0.02
2	59.56	0.01 A379	5309867.53	532614.87	782.63	8	17	2007	11	18 X85	0.034
2	61.12	-0.04 A380	5309866.27	532613.96	782.56	8	17	2007	11	19 X84	0.021
2	63.37	0 A381	5309864.38	532612.67	782.58	8	17	2007	11	20 X83	0.021
2	65.55	-0.02 A382	5309862.62	532611.39	782.67	8	17	2007	11	21 X82	0.02
2	66.93	0.01 A383	5309861.49	532610.61	782.7	8	17	2007	11	21 X81	0.015
2	68.29	-0.01 A384	5309860.41	532609.84	782.93	8	17	2007	11	23 X80	0.024
2	68.84	-0.03 A385	5309859.97	532609.52	783.08	8	17	2007	11	24 X79	0.034
2	69.57	-0.02 A386	5309859.33	532609.1	783.54	8	17	2007	11	26 X78	0.029
2	72.05	-0.02 A387	5309857.31	532607.67	783.95	8	17	2007	11	27 X77	0.029
2	75.94	-0.02 A388	5309854.18	532605.4	784.08	8	17	2007	11	28 X76	0.019
2	77.84	0.01 A389	5309852.6	532604.3	784.15	8	17	2007	11	29 X75	0.021
2	81.55	-0.01 A390	5309849.54	532602.16	783.68	8	17	2007	11	30 X74	0.032
2	82.91	0 A391	5309848.47	532601.37	783.92	8	17	2007	11	30 X73	0.007
2	84.46	-0.02 A392	5309847.21	532600.47	784.02	8	17	2007	11	32 X72	0.007
2	88.73	-0.02 A393	5309843.7	532598.02	783.85	8	17	2007	11	33 X71	0.026
2	92.14	0 A394	5309840.95	532596.05	783.94	8	17	2007	11	34 X70	0.022
2	94.21	-0.01 A395	5309839.22	532594.82	784.71	8	17	2007	11	36 X69	0.034

2	96.02	-0.02 A396	5309837.76	532593.77	784.97	8	17	2007	11	37 X68	0.022
2	99.98	-0.04 A397	5309834.56	532591.48	785.02	8	17	2007	11	38 X67	0.011
3	0	-0.03 A350	5309929.98	532634.28	786.63	8	17	2007	10	18 X375	0.012
3	5.16	0 A349	5309925.47	532631.79	786.58	8	17	2007	10	18 X374	0.019
3	12.03	-0.05 A351	5309919.44	532628.46	786.44	8	17	2007	10	23	new07
3	12.78	0 A346	5309918.79	532628.06	784.82	8	17	2007	10	12 X373	0.028
3	13.01	-0.01 A345	5309918.71	532628	784.64	8	17	2007	10	7 X398	0.119
3	15.37	-0.03 A344	5309916.55	532626.75	782.6	8	17	2007	9	59 X399	0.023
3	15.5	-0.02 A343	5309916.42	532626.69	782.48	8	17	2007	9	57 X400	0.034
3	16.76	-0.02 A342	5309915.38	532626.08	782.25	8	17	2007	9	56 X401	0.03
3	18.4	0.01 A341	5309913.91	532625.32	782.31	8	17	2007	9	54 X402	0.02
3	20.53	-0.02 A340	5309912.06	532624.21	782.15	8	17	2007	9	52 X403	0.024
3	22.81	-0.04 A339	5309910.08	532623.09	782.11	8	17	2007	9	51 X404	0.014
3	24.46	-0.09 A338	5309908.7	532622.25	781.99	8	17	2007	9	49 X405	0.026
3	26.43	-0.07 A337	5309906.95	532621.32	781.91	8	17	2007	9	48 X406	0.023
3	28.62	0.02 A336	5309905.01	532620.29	781.9	8	17	2007	9	47 X407	0.015
3	31.91	0.12 A335	5309902.06	532618.77	781.84	8	17	2007	9	44 X408	0.012
3	34.87	0.07 A334	5309899.52	532617.31	781.89	8	17	2007	9	43 X409	0.032
3	38.47	0 A333	5309896.42	532615.46	782.16	8	17	2007	9	41 X410	0.006
3	41.63	0 A332	5309893.69	532613.92	782.35	8	17	2007	9	40 X411	0.024
3	43.42	0.01 A331	5309892.11	532613.03	782.45	8	17	2007	9	39 X412	0.014
3	45.34	-0.02 A330	5309890.43	532612.11	782.57	8	17	2007	9	38 X413	0.031
3	47.04	-0.01 A329	5309888.94	532611.23	782.77	8	17	2007	9	37 X414	0.024
3	47.77	0.02 A328	5309888.31	532610.92	783.02	8	17	2007	9	36 X415	0.009
3	48	0.01 A327	5309888.09	532610.8	783.07	8	17	2007	9	35 X116	0.014
3	48.96	0.02 A326	5309887.25	532610.34	783.24	8	17	2007	9	35 X115	0.012
3	53.99	0.02 A325	5309882.88	532607.87	783.58	8	17	2007	9	33 X114	0.005
3	57.92	0.05 A324	5309879.43	532605.96	783.64	8	17	2007	9	33 X113	0.01
3	61.48	0.01 A323	5309876.33	532604.18	783.35	8	17	2007	9	31 X112	0.032
3	62.14	-0.02 A322	5309875.77	532603.88	783.02	8	17	2007	9	28 X111	0.036
3	62.8	0.02 A321	5309875.21	532603.51	782.92	8	17	2007	9	26 X110	0.045
3	64.41	0.03 A320	5309873.8	532602.82	782.58	8	17	2007	9	25 X109	0.045
3	65.73	0 A319	5309872.7	532602.1	782.65	8	17	2007	9	24 X108	0.049
3	66.86	0.01 A318	5309871.68	532601.56	782.58	8	17	2007	9	23 X107	0.016
3	67.91	-0.01 A317	5309870.74	532601.02	782.67	8	17	2007	9	22 X106	0.026
3	69.3	-0.01 A316	5309869.57	532600.34	782.72	8	17	2007	9	21 X105	0.025
3	71.2	0 A315	5309867.9	532599.46	782.79	8	17	2007	9	20 X104	0.037
3	72.1	0.04 A314	5309867.08	532599.03	782.91	8	17	2007	9	19 X103	0.013
3	72.44	0.02 A313	5309866.82	532598.81	783.25	8	17	2007	9	18 X102	0.037
3	73.1	0.01 A312	5309866.22	532598.52	783.47	8	17	2007	9	17 X101	0.009
3	74.05	0 A311	5309865.41	532598.04	783.72	8	17	2007	9	16 X100	0.013
3	75.28	0.02 A310	5309864.31	532597.42	783.87	8	17	2007	9	15 X99	0.016
3	77.22	-0.01 A309	5309862.62	532596.46	783.96	8	17	2007	9	14 X98	0.025
3	79.22	0 A308	5309860.91	532595.5	783.92	8	17	2007	9	14 X97	0.011
3	83.22	0.01 A307	5309857.37	532593.57	783.81	8	17	2007	9	13 X96	0.041
3	87.02	-0.01 A306	5309854.09	532591.64	784.01	8	17	2007	9	12 X95	0.019

3	89.38	-0.01 A305	5309852.03	532590.49	783.81	8	17	2007	9	11 X94	0.02
3	92.22	0.01 A304	5309849.59	532589.13	783.91	8	17	2007	9	10 X93	0.031
3	94.14	0 A303	5309847.91	532588.18	784.52	8	17	2007	9	9 X92	0.022
3	96.28	0 A302	5309846.04	532587.15	784.97	8	17	2007	9	9 X91	0.023
3	100.03	0.04 A301	5309842.77	532585.3	785.06	8	17	2007	9	7 X90	0.047
4	-0.02	-0.02 A254	5309944.59	532614.79	786.43	8	16	2007	17	30 X372	0.014
4	3.65	-0.01 A255	5309941.2	532613.4	786.4	8	16	2007	17	31 X371	0.019
4	9.93	-0.01 A258	5309935.38	532611.05	786.3	8	16	2007	17	34 X370	0.007
4	10.16	-0.01 A260	5309935.11	532610.92	785.13	8	16	2007	17	37 X423	
4	12.23	-0.01 A261	5309933.28	532610.17	784	8	16	2007	17	44 X424	0.039
4	13.68	0.01 A262	5309931.86	532609.62	782.75	8	16	2007	17	46 X425	0.034
4	14.2	0.01 A263	5309931.41	532609.49	782.44	8	16	2007	17	47 X426	0.037
4	14.75	0 A264	5309930.93	532609.18	782.27	8	16	2007	17	49 X427	0.063
4	17.13	0.02 A265	5309928.67	532608.38	781.92	8	16	2007	17	51 X428	0.026
4	19.29	-0.02 A266	5309926.74	532607.48	781.8	8	16	2007	17	53 X429	0.044
4	19.93	-0.02 A267	5309926.08	532607.25	781.83	8	16	2007	17	54 X430	0.037
4	21.62	-0.08 A268	5309924.54	532606.59	781.75	8	16	2007	17	55 X431	0.032
4	27	-0.04 A269	5309919.57	532604.57	781.69	8	16	2007	17	58 X422	0.012
4	28.01	0.03 A270	5309918.65	532604.27	781.78	8	16	2007	18	1 X421	0.036
4	30.49	-0.01 A271	5309916.32	532603.27	781.88	8	16	2007	18	2 X420	0.028
4	33.14	-0.03 A272	5309913.87	532602.29	782	8	16	2007	18	4 X419	0.013
4	35.61	-0.03 A273	5309911.58	532601.38	782.21	8	16	2007	18	5 X418	0.026
4	38.61	-0.02 A274	5309908.8	532600.21	782.36	8	16	2007	18	6 X417	0.025
4	40.8	-0.01 A275	5309906.77	532599.46	782.46	8	16	2007	18	7 X416	0.04
4	43.9	-0.01 A276	5309903.94	532598.23	782.74	8	16	2007	18	8 X414	0.041
4	46.99	-0.02 A277	5309901.01	532597.05	783.13	8	16	2007	18	9 X410	0.042
4	50.88	-0.01 A278	5309897.46	532595.64	783.46	8	16	2007	18	10 X419	0.026
4	55.56	0 A279	5309893.1	532593.86	783.51	8	16	2007	18	11 X418	0.014
4	62.38	-0.01 A280	5309886.8	532591.31	783.61	8	16	2007	18	12 X417	0.026
4	66.6	0.02 A281	5309882.84	532589.72	783.29	8	16	2007	18	13 X416	0.021
4	68.04	0.02 A282	5309881.54	532589.17	782.8	8	16	2007	18	14 X415	0.017
4	69.52	0 A283	5309880.14	532588.63	782.52	8	16	2007	18	16 X414	0.028
4	71.22	-0.03 A284	5309878.52	532587.96	782.63	8	16	2007	18	16 X413	0.081
4	72.39	-0.03 A285	5309877.49	532587.46	782.78	8	16	2007	18	19 X412	0.049
4	74.65	0.02 A286	5309875.36	532586.68	782.73	8	16	2007	18	20 X411	0.053
4	75.57	0.02 A287	5309874.57	532586.39	782.79	8	16	2007	18	21 X410	0.04
4	76.43	-0.02 A288	5309873.74	532585.99	783.67	8	16	2007	18	22 X409	0.032
4	77.16	-0.01 A289	5309873.08	532585.7	783.95	8	16	2007	18	23 X408	0.035
4	78.55	-0.01 A290	5309871.78	532585.2	783.9	8	16	2007	18	24 X407	0.021
4	79.85	-0.02 A291	5309870.6	532584.71	784.07	8	16	2007	18	25 X406	0.009
4	81.18	-0.02 A292	5309869.37	532584.2	784.04	8	16	2007	18	26 X405	0.007
4	82.58	-0.02 A293	5309868.07	532583.68	783.76	8	16	2007	18	27 X404	0.008
4	86.1	0 A294	5309864.79	532582.38	783.94	8	16	2007	18	29 X403	0.018
4	89.32	0 A295	5309861.83	532581.15	783.94	8	16	2007	18	30 X402	0.008
4	92.93	-0.01 A296	5309858.48	532579.81	783.87	8	16	2007	18	31 X401	0.016
4	94.23	0.01 A297	5309857.26	532579.31	784.3	8	16	2007	18	32 X400	0.017

4	95.78	-0.01 A298	5309855.87	532578.71	784.85	8	16	2007	18	33 X119	0.02
4	97.56	0 A299	5309854.22	532578.05	784.95	8	16	2007	18	33 X118	0.021
4	101.43	0.02 A300	5309850.62	532576.63	785.06	8	16	2007	18	34 X117	0.029
5	0.01	-0.01 A253	5309963.03	532588.78	786.29	8	16	2007	17	28 X369	0.004
5	3.71	0.01 A252	5309959.41	532588.2	786.28	8	16	2007	17	27 X368	0.029
5	9.98	-0.01 A249	5309953.16	532587.18	784.26	8	16	2007	17	23 X367	0.046
5	12.51	-0.02 A248	5309950.7	532586.73	783.06	8	16	2007	17	21 X444	0.002
5	14.38	0.02 A247	5309948.86	532586.44	782.4	8	16	2007	17	19 X443	0.035
5	16.29	-0.06 A246	5309946.98	532586.04	782.16	8	16	2007	17	18 X442	0.041
5	18.19	-0.01 A245	5309945.07	532585.82	782.14	8	16	2007	17	17 X441	0.026
5	20.38	-0.06 A244	5309942.95	532585.42	781.94	8	16	2007	17	16 X440	0.023
5	22.84	-0.12 A243	5309940.5	532585.01	781.84	8	16	2007	17	14 X439	0.065
5	26.02	-0.08 A242	5309937.35	532584.47	781.88	8	16	2007	17	13 X438	0.024
5	27.5	-0.06 A241	5309935.9	532584.25	781.93	8	16	2007	17	10 X437	0.008
5	30.29	-0.03 A240	5309933.17	532583.82	782.01	8	16	2007	17	6 X436	0.01
5	31.96	-0.01 A239	5309931.54	532583.56	782.07	8	16	2007	17	5 X435	0.031
5	33.88	-0.01 A238	5309929.61	532583.29	782.2	8	16	2007	17	4 X434	0.033
5	38.77	0.03 A237	5309924.79	532582.52	782.49	8	16	2007	17	2 X433	0.031
5	46.37	0.06 A236	5309917.29	532581.3	782.71	8	16	2007	17	0 X432	0.018
5	48.08	-0.01 A235	5309915.59	532580.93	782.8	8	16	2007	16	59 X165	0.014
5	48.88	-0.02 A234	5309914.82	532580.82	782.92	8	16	2007	16	58 X164	0.026
5	52.73	-0.01 A233	5309911.02	532580.22	783.03	8	16	2007	16	57 X163	0.043
5	59.42	0.02 A232	5309904.47	532579.06	783.48	8	16	2007	16	56 X162	0.086
5	64.56	-0.02 A231	5309899.31	532578.25	783.58	8	16	2007	16	54 X161	0.042
5	69.94	0.01 A230	5309894.02	532577.41	783.57	8	16	2007	16	53 X160	0.023
5	74.41	0 A229	5309889.6	532576.68	783.57	8	16	2007	16	51 X159	0.037
5	76.59	-0.03 A228	5309887.5	532576.28	782.94	8	16	2007	16	49 X158	0.029
5	78.26	-0.02 A227	5309885.85	532576.03	782.46	8	16	2007	16	48 X157	0.035
5	79.81	0.03 A226	5309884.29	532575.81	782.47	8	16	2007	16	47 X156	0.019
5	81.1	-0.01 A225	5309883.02	532575.6	782.57	8	16	2007	16	46 X155	0.05
5	83.17	0.02 A224	5309880.98	532575.22	782.49	8	16	2007	16	44 X154	0.026
5	83.49	-0.03 A223	5309880.64	532575.18	783.34	8	16	2007	16	44 X153	0.045
5	84.6	0.02 A222	5309879.57	532575	783.91	8	16	2007	16	43 X152	0.011
5	86	-0.01 A221	5309878.18	532574.75	784.16	8	16	2007	16	42 X151	0.013
5	87.83	0.02 A220	5309876.35	532574.51	784.05	8	16	2007	16	41 X150	0.04
5	90.47	0.02 A219	5309873.8	532574.03	783.84	8	16	2007	16	40 X149	0.035
5	93.14	0.02 A218	5309871.14	532573.59	783.97	8	16	2007	16	39 X148	0.028
5	95.72	0.03 A217	5309868.64	532573.19	784.03	8	16	2007	16	38 X147	0.046
5	98.16	0 A216	5309866.17	532572.77	783.73	8	16	2007	16	37 X146	0.023
5	99.7	0.01 A215	5309864.67	532572.58	783.77	8	16	2007	16	36 X145	0.043
5	100.79	-0.02 A214	5309863.61	532572.32	784.16	8	16	2007	16	35 X144	0.016
5	102.47	0.01 A213	5309861.9	532572.12	784.56	8	16	2007	16	34 X143	0.052
5	105.35	0.01 A212	5309859.09	532571.59	784.89	8	16	2007	16	28 X142	0.017
6	0.05	0 A164	5309970.22	532562.55	785.94	8	16	2007	15	18 X354	0.015
6	2.28	0 A166	5309968.01	532562.51	785.9	8	16	2007	15	19 X353	0.033
6	4.92	-0.01 A168	5309965.3	532562.46	785.83	8	16	2007	15	28 X352	0.034

6	5.22	0.01 A169	5309965.08	532562.48	784.49	8	16	2007	15	30 X351	0.038
6	7.61	-0.03 A170	5309962.65	532562.4	783.01	8	16	2007	15	32 X350	0.02
6	8.28	0.08 A171	5309961.99	532562.46	782.56	8	16	2007	15	33 X349	0.028
6	9.42	0.06 A172	5309960.82	532562.46	782.35	8	16	2007	15	34 X348	0.027
6	9.68	-0.05 A173	5309960.61	532562.33	782.18	8	16	2007	15	34 X347	0.027
6	10.35	-0.06 A174	5309959.88	532562.27	781.96	8	16	2007	15	35 X346	0.042
6	12.12	-0.01 A175	5309958.14	532562.35	781.66	8	16	2007	15	37 X345	0.034
6	14	-0.04 A176	5309956.3	532562.25	781.81	8	16	2007	15	38 X344	0.033
6	15.9	-0.04 A177	5309954.38	532562.22	781.95	8	16	2007	15	39 X343	0.022
6	18.57	-0.01 A178	5309951.65	532562.17	781.79	8	16	2007	15	40 X342	0.047
6	19.81	-0.07 A179	5309950.46	532562.09	781.87	8	16	2007	15	41 X341	0.022
6	22.36	0 A180	5309947.93	532562.11	782.05	8	16	2007	15	42 X340	0.029
6	24.96	-0.01 A181	5309945.28	532562.05	782.23	8	16	2007	15	43 X339	0.025
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6	31.16	-0.03 A183	5309939.12	532561.88	782.55	8	16	2007	15	45 X337	0.042
6	35.14	-0.01 A184	5309935.1	532561.84	782.63	8	16	2007	15	46 X336	0.031
6	39.18	-0.03 A185	5309931.11	532561.74	782.7	8	16	2007	15	47 X335	0.032
6	42.44	0.01 A186	5309927.81	532561.73	782.74	8	16	2007	15	53 X334	0.013
6	46.52	0.02 A187	5309923.74	532561.65	782.75	8	16	2007	15	55 X333	0.01
6	50.62	-0.02 A188	5309919.64	532561.52	782.89	8	16	2007	15	56 X332	0.027
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6	58.91	0.01 A190	5309911.34	532561.39	783.33	8	16	2007	15	58 X330	0.026
6	65.11	-0.03 A191	5309905.17	532561.25	783.6	8	16	2007	15	59 X329	0.01
6	70.74	0 A192	5309899.52	532561.16	783.52	8	16	2007	16	0 X328	0.012
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6	74.55	0.03 A194	5309895.74	532561.11	782.97	8	16	2007	16	3 X326	0.011
6	75.03	-0.02 A195	5309895.23	532561.07	782.38	8	16	2007	16	4 X325	0.021
6	75.65	0.01 A196	5309894.63	532561.07	782.3	8	16	2007	16	6 X324	0.011
6	77.39	-0.01 A197	5309892.85	532561.01	782.31	8	16	2007	16	9 X323	0.037
6	79.23	-0.01 A198	5309891.02	532561	782.47	8	16	2007	16	10 X322	0.023
6	80.37	0.02 A199	5309889.87	532561.02	782.59	8	16	2007	16	11 X321	0.046
6	80.63	-0.01 A200	5309889.67	532560.95	782.63	8	16	2007	16	12 X320	0.023
6	80.99	0 A201	5309889.29	532560.97	782.66	8	16	2007	16	13 X319	0.013
6	81.66	0.01 A202	5309888.62	532560.97	783.8	8	16	2007	16	14 X318	0.018
6	82.24	0 A203	5309888.04	532560.94	784.05	8	16	2007	16	15 X317	0.005
6	83.96	-0.02 A204	5309886.33	532560.88	783.93	8	16	2007	16	16 X316	0.016
6	86.78	0.01 A205	5309883.47	532560.86	783.96	8	16	2007	16	17 X315	0.027
6	91.21	-0.01 A206	5309879.06	532560.75	783.98	8	16	2007	16	19 X314	0.009
6	93.55	0 A207	5309876.74	532560.69	783.87	8	16	2007	16	20 X170	0.024
6	98.38	0 A208	5309871.88	532560.6	783.95	8	16	2007	16	21 X169	0.025
6	100.63	0.01 A209	5309869.64	532560.56	784.07	8	16	2007	16	22 X168	0.017
6	102.82	0.01 A210	5309867.47	532560.52	784.5	8	16	2007	16	23 X167	0.025
6	105.63	-0.02 A211	5309864.62	532560.44	784.8	8	16	2007	16	24 X166	0.029
7	-0.04	0 A163	5309974.22	532551.4	785.85	8	16	2007	15	16 X366	0.023
7	1.88	-0.02 A162	5309972.31	532551.34	785.9	8	16	2007	15	15 X365	0.024
7	6	0.03 A159	5309968.18	532551.24	786.02	8	16	2007	15	13 X364	0.022

7	6.8	0.1 A158	5309967.39	532551.32	783.07	8	16	2007	15	10 X299	0.026
7	7.26	-0.02 A157	5309966.94	532551.17	782.78	8	16	2007	15	9 X298	0.014
7	7.95	0 A156	5309966.26	532551.18	782.45	8	16	2007	15	8 X300	0.025
7	8.65	0 A155	5309965.59	532551.16	782.38	8	16	2007	15	7 X301	0.04
7	9.91	0.02 A154	5309964.33	532551.13	782.25	8	16	2007	15	7 X302	0.034
7	11.31	0.02 A153	5309962.88	532551.09	781.96	8	16	2007	15	6 X303	0.016
7	12.91	0 A152	5309961.26	532551.03	781.84	8	16	2007	15	5 X304	0.04
7	14.81	-0.01 A151	5309959.38	532550.99	781.98	8	16	2007	15	4 X305	0.053
7	16.07	-0.03 A150	5309958.12	532550.86	782.07	8	16	2007	15	3 X306	0.034
7	19.65	0.02 A149	5309954.58	532550.85	782.01	8	16	2007	15	1 X307	0.026
7	24.08	0.01 A148	5309950.15	532550.68	782.23	8	16	2007	14	59 X308	0.025
7	29.14	0.03 A147	5309945.11	532550.55	782.46	8	16	2007	14	58 X309	0.039
7	34.43	0 A146	5309939.76	532550.38	782.61	8	16	2007	14	57 X310	0.028
7	40.28	-0.02 A145	5309933.92	532550.19	782.67	8	16	2007	14	56 X311	0.025
7	46.94	0 A144	5309927.32	532550	782.73	8	16	2007	14	54 X312	0.042
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7	57.58	-0.03 A142	5309916.67	532549.69	783.05	8	16	2007	14	52 X190	0.03
7	59.8	0 A141	5309914.42	532549.65	783.22	8	16	2007	14	51 X189	0.015
7	65.6	0.01 A140	5309908.68	532549.51	783.45	8	16	2007	14	50 X188	0.053
7	69.28	0 A139	5309904.97	532549.38	783.38	8	16	2007	14	49 X187	0.023
7	71.3	0 A138	5309902.97	532549.32	783.33	8	16	2007	14	48 X186	0.04
7	72.03	-0.02 A137	5309902.22	532549.28	782.77	8	16	2007	14	47 X185	0.024
7	72.89	0 A136	5309901.33	532549.29	782.54	8	16	2007	14	46 X184	0.037
7	74.5	-0.02 A135	5309899.77	532549.22	782.33	8	16	2007	14	45 X183	0.045
7	76.96	0.03 A134	5309897.29	532549.21	782.27	8	16	2007	14	44 X182	0.043
7	77.54	0.01 A133	5309896.66	532549.1	782.47	8	16	2007	14	42 X181	0.056
7	78.15	0 A132	5309896.11	532549.13	782.8	8	16	2007	14	41 X180	0.043
7	78.48	-0.01 A131	5309895.72	532549.1	783.51	8	16	2007	14	40 X179	0.042
7	80.65	0.01 A130	5309893.61	532549.04	783.88	8	16	2007	14	38 X178	0.027
7	84.08	-0.01 A129	5309890.19	532548.91	783.93	8	16	2007	14	37 X177	0.026
7	88.69	-0.01 A128	5309885.57	532548.79	784.12	8	16	2007	14	35 X176	0.013
7	92.5	-0.01 A127	5309881.73	532548.69	783.96	8	16	2007	14	34 X175	0.024
7	95.41	-0.01 A126	5309878.86	532548.58	784.01	8	16	2007	14	33 X174	0.034
7	97.68	0.01 A125	5309876.58	532548.56	784.38	8	16	2007	14	32 X173	0.025
7	99.76	0.04 A124	5309874.53	532548.55	784.79	8	16	2007	14	31 X172	0.054
7	102.86	0 A123	5309871.38	532548.38	785.04	8	16	2007	14	29 X171	0.018
8	0.04	-0.01 A79	5309975.21	532545.95	785.98	8	16	2007	13	33 X363	0.015
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8	5.31	0 A83	5309969.95	532545.7	786.21	8	16	2007	13	40 X361	0.015
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8	6.49	0.04 A85	5309968.81	532545.7	783.07	8	16	2007	13	46 X296	0.041
8	7.3	0.04 A86	5309967.93	532545.62	782.69	8	16	2007	13	47 X295	0.038
8	8.2	0.03 A87	5309967.08	532545.6	782.27	8	16	2007	13	48 X294	0.018
8	9.47	0.04 A88	5309965.78	532545.54	781.93	8	16	2007	13	49 X293	0.025
8	11.19	-0.01 A89	5309964.05	532545.39	781.77	8	16	2007	13	50 X292	0.04
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8	32.16	0 A99	5309943.16	532544.38	782.59	8	16	2007	14	0 X282	0.018
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8	46.2	0 A102	5309929.15	532543.68	782.67	8	16	2007	14	3 X279	0.037
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8	56.05	0 A106	5309919.25	532543.26	782.99	8	16	2007	14	8 X275	0.041
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8	65.9	0.01 A110	5309909.43	532542.78	783.08	8	16	2007	14	12 X203	0.027
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8	70.98	-0.01 A112	5309904.38	532542.52	782.55	8	16	2007	14	14 X201	0.027
8	72.96	-0.07 A113	5309902.41	532542.33	782.48	8	16	2007	14	16 X200	0.023
8	74.34	0.03 A114	5309900.97	532542.36	782.55	8	16	2007	14	18 X199	0.043
8	75.15	-0.04 A115	5309900.18	532542.25	783.7	8	16	2007	14	20 X198	0.022
8	79.72	0 A116	5309895.65	532542.07	783.98	8	16	2007	14	21 X197	0.015
8	84.68	-0.02 A117	5309890.69	532541.81	784.12	8	16	2007	14	23 X196	0.019
8	87.24	-0.01 A118	5309888.1	532541.72	784	8	16	2007	14	24 X195	0.027
8	91.77	-0.01 A119	5309883.58	532541.48	784.01	8	16	2007	14	24 X194	0.02
8	94.44	-0.01 A120	5309880.93	532541.34	784.41	8	16	2007	14	25 X193	0.021
8	96.92	-0.01 A121	5309878.47	532541.25	784.84	8	16	2007	14	27 X192	0.02
8	99.71	-0.02 A122	5309875.72	532541.04	784.99	8	16	2007	14	27 X191	0.066
9	0	-0.01 A78	5309978.12	532534.97	786.29	8	16	2007	13	32 X360	0.023
9	1.88	-0.03 A77	5309976.23	532534.9	786.4	8	16	2007	13	30 X359	0.027
9	6.73	-0.01 A74	5309971.44	532534.75	786.48	8	16	2007	13	26 X358	0.036
9	7.48	-0.06 A73	5309970.61	532534.71	783.34	8	16	2007	13	24 X255	0.07
9	8.33	0 A72	5309969.8	532534.68	782.89	8	16	2007	13	21 X256	0.015
9	8.98	-0.01 A71	5309969.1	532534.59	782.58	8	16	2007	13	19 X257	0.084
9	9.81	0 A70	5309968.41	532534.63	782.13	8	16	2007	13	17 X258	0.075
9	11.03	0.01 A68	5309967.09	532534.57	781.71	8	16	2007	13	16 X260	0.038
9	11.63	0 A67	5309966.5	532534.56	781.68	8	16	2007	13	15 X261	0.017
9	13.47	0.01 A66	5309964.7	532534.52	781.82	8	16	2007	13	14 X262	0.029
9	16.76	0.01 A65	5309961.37	532534.39	781.92	8	16	2007	13	13 X263	0.017
9	19.56	-0.01 A64	5309958.6	532534.26	782.12	8	16	2007	13	11 X264	0.01
9	23.41	0 A63	5309954.77	532534.16	782.21	8	16	2007	13	10 X265	0.04
9	26.95	0.03 A62	5309951.22	532534.05	782.37	8	16	2007	13	9 X266	0.031

9	30.87	0.01 A61	5309947.33	532533.84	782.54	8	16	2007	13	8 X267	0.041
9	35.37	0 A60	5309942.78	532533.69	782.59	8	16	2007	13	7 X268	0.018
9	39.77	0.01 A59	5309938.38	532533.54	782.6	8	16	2007	13	6 X269	0.023
9	43.61	0 A58	5309934.53	532533.39	782.6	8	16	2007	13	5 X270	0.028
9	47.9	0 A57	5309930.29	532533.22	782.61	8	16	2007	13	4 X271	0.027
9	52.78	0.03 A56	5309925.42	532533.03	782.71	8	16	2007	13	2 X272	0.039
9	56.91	0.03 A55	5309921.25	532532.94	782.84	8	16	2007	13	1 X273	0.038
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9	69.22	0 A49	5309908.98	532532.41	783.42	8	16	2007	12	48 X218	0.022
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9	83.57	0 A41	5309894.63	532531.87	783.98	8	16	2007	12	42 X210	0.011
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12	87.38	0 A514	5310749.79	530551.12	785.43	8	18	2007	10	3 X13V	0.031
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13	34.54	0 A567	5310809.16	530573.38	785.38	8	18	2007	11	34 X621	0.038
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13	48.59	0 A571	5310800.87	530561.98	784.97	8	18	2007	11	39 X625	0.018
13	52.59	0 A572	5310798.5	530558.76	785.03	8	18	2007	11	40 X626	0.024
13	55.89	0 A573	5310796.59	530556.09	785.18	8	18	2007	11	41 X627	0.029
13	58.86	-0.02 A574	5310794.81	530553.71	785.21	8	18	2007	11	42 X628	0.019
13	60.62	-0.02 A575	5310793.81	530552.29	785.2	8	18	2007	11	43 X629	0.02
13	63.71	-0.04 A576	5310791.97	530549.74	785.3	8	18	2007	11	45 X630	0.037
13	67.73	0.01 A577	5310789.57	530546.55	785.37	8	18	2007	11	46 X631	0.01
13	71.1	-0.01 A578	5310787.58	530543.86	785.31	8	18	2007	11	47 X632	0.036
13	74.87	0 A579	5310785.34	530540.76	785.18	8	18	2007	11	48 X633	0.038
13	76.74	0 A580	5310784.29	530539.31	785.13	8	18	2007	11	49 X634	0.042
13	79.75	-0.01 A581	5310782.46	530536.81	785.1	8	18	2007	11	51 X635	0.047
13	82.22	0 A582	5310781.03	530534.85	785.23	8	18	2007	11	53 X636	0.013
13	84.33	0.02 A583	5310779.71	530533.16	785.31	8	18	2007	11	54 X637	0.05
13	87.41	0.02 A584	5310777.97	530530.69	785.44	8	18	2007	11	55 X638	0.037
13	89.14	-0.01 A585	5310776.91	530529.26	785.44	8	18	2007	11	57 X639	0.031

13	91.32	-0.03	A586	5310775.65	530527.48	785.67	8	18	2007	11	58 X640	0.027
13	92.5	0.03	A587	5310774.94	530526.6	785.81	8	18	2007	12	0 X641	0.023
13	93.14	-0.04	A588	5310774.6	530526.03	785.92	8	18	2007	12	1 X642	0.007
13	94.2	0.02	A589	5310773.92	530525.21	786.23	8	18	2007	12	2 X643	0.015
13	94.82	-0.02	A590	5310773.62	530524.67	786.26	8	18	2007	12	3 X644	0.031
13	97.19	0	A591	5310772.2	530522.8	786.64	8	18	2007	12	5 X645	0.027
13	105.04	0	A592	5310767.53	530516.43	786.72	8	18	2007	12	8 X646	0.025
13	108.46	-0.02	A593	5310765.53	530513.7	788.1	8	18	2007	12	11 X647	0.021
13	110.9	-0.04	A594	5310764.12	530511.68	789.7	8	18	2007	12	13 X648	0.021
13	112.05	0.03	A595	5310763.39	530510.81	789.74	8	18	2007	12	14 X649	0.013
14	0.01	0.01	A657	5310859.49	530597.38	787.49	8	18	2007	18	18 X650	0.017
14	2.11	0.02	A656	5310858.11	530595.72	787.02	8	18	2007	18	18 X651	0.053
14	6.78	0.04	A655	5310855.06	530592.23	786	8	18	2007	18	16 X652	0.023
14	8.68	-0.01	A654	5310853.84	530590.76	785.78	8	18	2007	18	15 X653	0.055
14	9.13	0.01	A653	5310853.6	530590.44	785.71	8	18	2007	18	15 X654	0.028
14	10.59	0.04	A652	5310852.6	530589.34	785.63	8	18	2007	18	14 X655	0.028
14	12.62	0.15	A651	5310851.24	530587.84	785.47	8	18	2007	18	12 X656	0.025
14	15.56	0.03	A650	5310849.39	530585.54	785.39	8	18	2007	18	11 X657	0.027
14	20	0	A649	5310846.54	530582.14	785.42	8	18	2007	18	10 X658	0.042
14	22.52	0	A648	5310844.97	530580.21	785.51	8	18	2007	18	9 X659	0.04
14	23.67	0	A647	5310844.19	530579.32	785.57	8	18	2007	18	8 X660	0.008
14	24.08	-0.01	A646	5310843.92	530579.03	785.52	8	18	2007	18	7 X661	0.037
14	24.31	0.02	A645	5310843.83	530578.84	785.68	8	18	2007	18	6 X662	0.072
14	26.64	0.03	A644	5310842.25	530577.08	785.95	8	18	2007	18	5 X663	0.013
14	27.93	0.02	A641	5310841.46	530576.08	786.23	8	18	2007	18	0 X664	0.039
14	29.36	0.01	A640	5310840.51	530574.97	786.29	8	18	2007	13	35 X665	0.009
14	30.84	0.03	A639	5310839.52	530574.25	786.34	8	18	2007	13	33 X666	0.382
14	31.72	0.05	A637	5310838.94	530573.23	786.36	8	18	2007	13	29 X667	0.019
14	31.86	0.02	A638	5310838.8	530573.27	786.17	8	18	2007	13	32 X668	
14	32.55	0.01	A635	5310838.44	530572.51	785.86	8	18	2007	13	20 X669	0.037
14	33.04	-0.01	A634	5310838.14	530572.16	785.7	8	18	2007	13	20 X670	0.005
14	33.46	-0.03	A633	5310837.86	530571.85	785.6	8	18	2007	13	19 X671	0.027
14	34.3	-0.05	A632	5310837.33	530571.15	785.49	8	18	2007	13	18 X672	0.036
14	35.89	0	A631	5310836.32	530569.98	785.53	8	18	2007	13	17 X673	0.034
14	37.4	0	A630	5310835.3	530568.82	785.58	8	18	2007	13	16 X674	0.021
14	38.48	0	A629	5310834.61	530568.03	785.52	8	18	2007	13	15 X675	0.013
14	40.95	0.01	A628	5310833.04	530566.17	785.43	8	18	2007	13	13 X676	0.034
14	43.45	-0.05	A627	5310831.48	530564.18	785.48	8	18	2007	13	12 X677	0.041
14	48.01	0	A626	5310828.49	530560.77	785.43	8	18	2007	13	12 X678	0.044
14	52.75	0.02	A625	5310825.39	530557.11	785.42	8	18	2007	13	10 X679	0.037
14	57.18	-0.01	A624	5310822.55	530553.73	785.47	8	18	2007	13	9 X680	0.029
14	59.75	0	A623	5310820.89	530551.79	785.3	8	18	2007	13	8 X681	0.037
14	61.94	-0.01	A622	5310819.46	530550.13	785.13	8	18	2007	13	8 X682	0.019
14	65.26	0.04	A621	5310817.3	530547.64	785.08	8	18	2007	13	6 X683	0.038
14	68.8	-0.01	A620	5310815	530544.89	784.97	8	18	2007	13	5 X684	0.013
14	72.94	-0.04	A619	5310812.38	530541.74	785.13	8	18	2007	13	4 X685	0.034

14	74.72	-0.03 A618	5310811.21	530540.36	785.29	8	18	2007	13	3 X686	0.017
14	79.78	0.02 A617	5310807.9	530536.53	785.36	8	18	2007	13	2 X687	0.012
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14	88.14	0.01 A615	5310802.5	530530.15	785.17	8	18	2007	12	58 X689	0.009
14	90.02	0.01 A614	5310801.33	530528.68	785.07	8	18	2007	12	57 X690	0.058
14	92.27	0.03 A613	5310799.76	530527.02	784.96	8	18	2007	12	56 X691	0.054
14	95.42	0.06 A612	5310797.75	530524.58	785.18	8	18	2007	12	54 X692	0.04
14	98.25	0 A611	5310795.94	530522.45	785.25	8	18	2007	12	52 X693	0.033
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14	104.37	0.02 A608	5310792.01	530517.76	785.44	8	18	2007	12	46 X696	0.025
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14	107.27	0 A605	5310790.14	530515.53	786.07	8	18	2007	12	41 X699	0.018
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14	120.9	0 A599	5310781.32	530505.16	787.15	8	18	2007	12	26 X705	0.006
14	124.23	0.02 A598	5310779.16	530502.6	789.79	8	18	2007	12	23 X706	0.029
14	125.87	0.01 A597	5310778.12	530501.33	789.8	8	18	2007	12	22 X707	0.036
14	126.85	0 A596	5310777.46	530500.62	789.78	8	18	2007	12	20 X708	0.013
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15	4.46	0 A660	5310883.5	530586.17	786.64	8	18	2007	18	26 X711	0.04
15	6.63	0.02 A661	5310882.26	530584.46	786.25	8	18	2007	18	27 X712	0.033
15	7	-0.02 A662	5310882.02	530584.06	786.18	8	18	2007	18	28 X713	0.067
15	7.56	0.01 A663	5310881.67	530583.68	786.08	8	18	2007	18	29 X714	0.031
15	8.37	-0.02 A664	5310881.27	530583.01	785.82	8	18	2007	18	30 X715	0.01
15	10.04	-0.01 A665	5310880.31	530581.59	785.66	8	18	2007	18	31 X716	0.043
15	13.04	0 A666	5310878.55	530579.2	785.63	8	18	2007	18	32 X717	0.038
15	17.33	0.01 A667	5310876.07	530575.65	785.62	8	18	2007	18	34 X718	0.047
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15	24.58	-0.01 A669	5310871.97	530569.71	785.55	8	18	2007	18	36 X720	0.005
15	25.87	0.01 A670	5310871.24	530568.67	785.63	8	18	2007	18	36 X721	0.023
15	26.25	-0.03 A671	5310871.06	530568.31	785.66	8	18	2007	18	38 X722	0.039
15	26.6	0.02 A672	5310870.77	530568.09	785.92	8	18	2007	18	39 X723	0.02
15	27.63	0.01 A673	5310870.27	530567.22	786.69	8	18	2007	18	40 X724	0.066
15	29.29	-0.01 A674	5310869.3	530565.87	786.8	8	18	2007	18	41 X725	0.025
15	31.42	0.01 A675	5310868.01	530564.14	786.77	8	18	2007	18	42 X726	0.025
15	31.84	0.02 A676	5310867.78	530563.79	786.63	8	18	2007	18	43 X727	0.008
15	33.8	-0.02 A677	5310866.72	530562.12	786.21	8	18	2007	18	45 X728	0.047
15	34.54	-0.02 A678	5310866.24	530561.53	785.81	8	18	2007	18	46 X729	0.029
15	34.72	0.02 A679	5310866.13	530561.45	785.75	8	18	2007	18	47 X730	0.032
15	35.29	0 A680	5310865.79	530560.97	785.66	8	18	2007	18	48 X731	0.048

15	36.39	0.02 A681	5310865.2	530560.05	785.61	8	18	2007	18	49 X732	0.028
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15	41.12	0 A728	5310862.48	530556.16	785.66	8	19	2007	9	55 X735	0.002
15	43.95	-0.01 A727	5310860.84	530553.82	785.56	8	19	2007	9	54 X736	0.035
15	47.05	-0.01 A726	5310859.07	530551.29	785.57	8	19	2007	9	51 X737	0.025
15	50.71	-0.02 A725	5310857	530548.31	785.56	8	19	2007	9	50 X738	0.01
15	54.55	0 A724	5310854.79	530545.15	785.57	8	19	2007	9	49 X739	0.013
15	58.04	0.01 A723	5310852.77	530542.32	785.58	8	19	2007	9	48 X740	0.017
15	60.34	0.03 A722	5310851.45	530540.4	785.47	8	19	2007	9	47 X741	0.033
15	64.8	0.02 A721	5310848.89	530536.75	785.48	8	19	2007	9	46 X742	0.019
15	68.03	0.02 A720	5310847.08	530534.13	785.36	8	19	2007	9	45 X743	0.039
15	71.55	-0.01 A719	5310845.05	530531.2	785.34	8	19	2007	9	43 X744	0.03
15	75.34	-0.01 A718	5310842.88	530528.09	785.37	8	19	2007	9	42 X745	0.027
15	79.38	0.01 A717	5310840.56	530524.79	785.33	8	19	2007	9	41 X746	0.036
15	80.86	0.01 A716	5310839.7	530523.61	785.23	8	19	2007	9	40 X747	0.007
15	83.34	-0.02 A715	5310838.28	530521.58	785.21	8	19	2007	9	39 X748	0.02
15	85.59	-0.01 A714	5310836.99	530519.69	785.2	8	19	2007	9	37 X749	0.03
15	87.72	0.01 A713	5310835.78	530517.98	785.14	8	19	2007	9	35 X750	0.015
15	90.91	-0.02 A712	5310833.93	530515.36	785.27	8	19	2007	9	31 X751	0.034
15	93.81	-0.03 A711	5310832.32	530512.99	785.41	8	19	2007	9	29 X752	0.028
15	97.33	-0.02 A710	5310830.32	530510.11	785.39	8	19	2007	9	27 X753	0.038
15	98.89	-0.01 A709	5310829.39	530508.81	785.51	8	19	2007	9	25 X754	0.019
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15	104.61	-0.02 A707	5310826.12	530504.1	785.62	8	19	2007	9	23 X756	0.024
15	106.56	0 A706	5310824.96	530502.53	785.57	8	19	2007	9	22 X757	0.015
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15	111	0.02 A704	5310822.43	530498.91	785.67	8	19	2007	9	20 X759	0.015
15	113.62	0.02 A703	5310820.89	530496.76	785.92	8	19	2007	9	19 X760	0.018
15	115.18	-0.01 A702	5310820	530495.49	786.01	8	19	2007	9	18 X761	0.041
15	116.8	-0.01 A701	5310819.14	530494.14	786.47	8	19	2007	9	17 X762	0.026
15	117.89	0.03 A700	5310818.43	530493.26	786.52	8	19	2007	9	16 X763	0.03
15	119.57	-0.01 A699	5310817.53	530491.91	786.53	8	19	2007	9	15 X764	0.041
15	123.21	-0.01 A698	5310815.45	530488.89	786.79	8	19	2007	9	13 X765	0.012
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15	129.65	0 A696	5310811.74	530483.63	787.2	8	19	2007	9	11 X767	0.013
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15	132.21	-0.03 A694	5310810.28	530481.49	788.44	8	19	2007	9	9 X769	0.024
15	133.69	0.03 A693	5310809.4	530480.29	790	8	19	2007	9	5 X770	0.037
15	135.9	0.01 A692	5310808.14	530478.53	790.01	8	19	2007	9	3 X771	0.033
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16	24.23	0.02 A753	5310888.58	530562.81	786.19	8	19	2007	10	41 X1073	0.037
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16	25.66	-0.03 A756	5310887.93	530561.51	787.17	8	19	2007	10	44 X1070	0.022
16	25.82	0.02 A757	5310887.85	530561.42	787.23	8	19	2007	10	45 X1069	0.026
16	26.92	0 A758	5310887.3	530560.44	787.26	8	19	2007	10	46 X1068	0.009
16	27.81	0.01 A759	5310886.83	530559.66	787.3	8	19	2007	10	46 X1067	0.021
16	28.72	-0.04 A760	5310886.47	530558.88	787.15	8	19	2007	10	47 X1066	0.035
16	30.39	-0.01 A761	5310885.56	530557.42	786.81	8	19	2007	10	48 X1065	0.022
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16	32.42	0.04 A763	5310884.51	530555.68	786.25	8	19	2007	10	50 X1063	0.03
16	32.65	0.04 A764	5310884.44	530555.45	786.11	8	19	2007	10	51 X1062	0.035
16	33.08	0.03 A765	5310884.21	530555.12	785.88	8	19	2007	10	52 X1061	0.011
16	35.3	0.01 A766	5310883.12	530553.19	785.67	8	19	2007	10	53 X1060	0.028
16	36.83	-0.01 A767	5310882.42	530551.82	785.62	8	19	2007	10	54 X1059	0.03
16	38.09	0 A768	5310881.74	530550.75	785.62	8	19	2007	10	55 X1058	0.023
16	42	0 A769	5310879.83	530547.33	785.6	8	19	2007	10	56 X1057	0.011
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16	53.44	-0.03 A772	5310874.19	530537.36	785.61	8	19	2007	10	59 X1054	0.028
16	57.64	0.02 A773	5310872.05	530533.77	785.6	8	19	2007	11	0 X1053	0.013
16	60.08	-0.02 A774	5310870.86	530531.62	785.58	8	19	2007	11	1 X1052	0.03
16	62.45	0.02 A775	5310869.69	530529.57	785.56	8	19	2007	11	2 X1051	0.018
16	66.69	-0.01 A776	5310867.57	530525.92	785.51	8	19	2007	11	3 X1050	0.055
16	70.9	-0.03 A777	5310865.55	530522.24	785.5	8	19	2007	11	4 X1049	0.025
16	74.94	0 A778	5310863.5	530518.7	785.43	8	19	2007	11	5 X1048	0.031
16	77.93	-0.02 A779	5310862.07	530516.14	785.48	8	19	2007	11	6 X1047	0.031
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16	90.07	-0.03 A784	5310856.04	530505.57	785.14	8	19	2007	11	12 X1042	0.011
16	92.85	-0.02 A785	5310854.64	530503.18	785.12	8	19	2007	11	13 X1041	0.03

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16	97.48	-0.02 A787	5310852.36	530499.14	785.04	8	19	2007	11	15 X1039	0.005
16	99.24	0.01 A788	5310851.45	530497.59	785.09	8	19	2007	11	16 X1038	0.039
16	101.9	0 A789	5310850.18	530495.29	785.17	8	19	2007	11	18 X1037	0.026
16	104.21	-0.01 A790	5310849.01	530493.31	785.3	8	19	2007	11	19 X1036	0.022
16	105.72	0 A791	5310848.23	530491.99	785.35	8	19	2007	11	20 X1035	0.037
16	108.82	0.02 A792	5310846.75	530489.31	785.54	8	19	2007	11	21 X1034	0.03
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16	111.13	0 A794	5310845.58	530487.25	785.64	8	19	2007	11	27 X1032	0.034
16	112.26	0.02 A795	5310845.03	530486.31	785.73	8	19	2007	11	28 X1031	0.017
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16	113.64	0.02 A797	5310844.34	530485.12	786	8	19	2007	11	31 X1029	0.016
16	114.07	0.03 A798	5310844.14	530484.74	786.06	8	19	2007	11	31 X1028	0.027
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16	116.29	-0.01 A800	5310843.03	530482.82	786.28	8	19	2007	11	36 X1026	0.027
16	118.04	-0.02 A801	5310842.15	530481.26	786.36	8	19	2007	11	38 X1025	0.03
16	119.33	0.02 A802	5310841.5	530480.18	786.21	8	19	2007	11	40 X1024	0.022
16	122.75	0.02 A803	5310839.84	530477.18	785.9	8	19	2007	11	41 X1023	0.022
16	125.1	-0.02 A804	5310838.68	530475.14	785.9	8	19	2007	11	42 X1022	0.015
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16	126.42	0.02 A806	5310837.99	530474.02	786.4	8	19	2007	11	45 X1020	0.015
16	128.27	0.01 A807	5310837.1	530472.41	786.71	8	19	2007	11	46 X1019	0.023
16	130.03	0.03 A808	5310836.22	530470.86	786.95	8	19	2007	11	47 X1018	0.018
16	131.26	0.02 A809	5310835.59	530469.81	787.23	8	19	2007	11	48 X1017	0.025
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16	141.31	0.01 A814	5310830.66	530461.07	790.09	8	19	2007	11	56 X1012	0.02
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17	4.88	0.03 A1014	5310915.65	530575.18	787.02	8	20	2007	8	18 X955	0.021
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18	105.89	0	A944	5310890.74	530472.57	786.46	8	19	2007	16	5 X894	0.029
18	110.69	0	A943	5310888.59	530468.21	786.72	8	19	2007	16	2 X893	0.041
18	115.05	0	A942	5310886.72	530464.29	786.8	8	19	2007	16	1 X892	0.016
18	118.3	0	A941	5310885.33	530461.4	786.71	8	19	2007	15	59 X891	0.033
18	122.37	-0.03	A940	5310883.53	530457.7	786.6	8	19	2007	15	58 X890	0.025
18	124.16	-0.03	A939	5310882.77	530456.07	786.5	8	19	2007	15	57 X889	0.032
18	125.42	-0.02	A938	5310882.17	530454.97	786.21	8	19	2007	15	55 X888	0.035
18	125.95	-0.02	A937	5310881.96	530454.47	786.3	8	19	2007	15	54 X887	0.026
18	126.69	-0.04	A936	5310881.67	530453.81	786.26	8	19	2007	15	53 X886	0.008
18	127.76	-0.03	A935	5310881.21	530452.87	786.08	8	19	2007	15	51 X885	0.029
18	129.02	0	A934	5310880.64	530451.74	786.01	8	19	2007	15	49 X884	0.024
18	129.84	-0.02	A933	5310880.29	530450.99	786.07	8	19	2007	15	48 X883	0.016
18	130.92	-0.01	A932	5310879.79	530450.04	786.25	8	19	2007	15	46 X882	0.015
18	131.43	0.02	A931	5310879.54	530449.57	786.48	8	19	2007	15	46 X881	0.02
18	133.19	0.01	A929	5310878.78	530448.01	786.68	8	19	2007	15	43 X880	0.015
18	135.8	-0.02	A928	5310877.65	530445.61	787.09	8	19	2007	15	42 X879	0.03
18	139.23	-0.03	A927	5310876.19	530442.53	790.73	8	19	2007	15	40 X878	0.017
18	141.71	-0.01	A926	5310875.03	530440.34	790.66	8	19	2007	15	37 X877	0.054
18	144.21	0	A925	5310873.98	530438.09	790.66	8	19	2007	15	35 X876	0.009
19	0.01	-0.03	A869	5310954.47	530561.47	788.04	8	19	2007	14	23 X823	0.028
19	1.15	0.02	A870	5310953.92	530560.43	787.97	8	19	2007	14	24 X824	0.029
19	4.15	-0.03	A871	5310952.68	530557.7	786.55	8	19	2007	14	27 X825	0.017
19	4.61	-0.03	A872	5310952.48	530557.27	786.18	8	19	2007	14	27 X826	0.037
19	4.84	0	A873	5310952.32	530557.13	786.06	8	19	2007	14	28 X827	0.035
19	4.95	-0.05	A874	5310952.32	530556.98	786.02	8	19	2007	14	29 X828	0.03
19	5.38	-0.03	A875	5310952.12	530556.59	785.95	8	19	2007	14	29 X829	0.026
19	6.17	-0.01	A876	5310951.81	530555.9	785.97	8	19	2007	14	30 X830	0.031
19	7.44	-0.05	A877	5310951.3	530554.77	785.88	8	19	2007	14	32 X831	0.046
19	8.9	-0.04	A878	5310950.61	530553.48	785.84	8	19	2007	14	33 X832	0.046
19	10.44	-0.02	A879	5310949.97	530552.08	785.84	8	19	2007	14	34 X833	0.043
19	14.09	-0.01	A880	5310948.33	530548.73	785.81	8	19	2007	14	35 X834	0.054
19	16.97	-0.01	A881	5310947.09	530546.22	785.77	8	19	2007	14	36 X835	0.03
19	20.05	-0.02	A882	5310945.7	530543.42	785.82	8	19	2007	14	44 X836	0.032
19	23.26	-0.01	A883	5310944.34	530540.51	785.68	8	19	2007	14	45 X837	0.03
19	27.1	0.06	A884	5310942.56	530537.09	785.6	8	19	2007	14	46 X838	0.027
19	30.36	-0.02	A885	5310941.23	530534.14	785.65	8	19	2007	14	47 X839	0.007
19	35.47	0	A886	5310938.98	530529.58	785.75	8	19	2007	14	48 X840	0.016
19	41.37	-0.01	A887	5310936.4	530524.24	785.8	8	19	2007	14	50 X841	0.012

19	45.36	-0.06 A888	5310934.71	530520.67	785.79	8	19	2007	14	52 X842	0.039
19	50.49	-0.03 A889	5310932.44	530516.05	785.73	8	19	2007	14	53 X843	0.025
19	56.31	0 A890	5310929.87	530510.81	785.67	8	19	2007	14	54 X844	0.013
19	62.6	0.02 A891	5310927.11	530505.18	785.72	8	19	2007	14	55 X845	0.03
19	67.02	0 A892	5310925.18	530501.15	785.64	8	19	2007	14	56 X846	0.033
19	72.74	-0.02 A893	5310922.71	530496.01	785.63	8	19	2007	14	57 X847	0.018
19	75.98	-0.08 A894	5310921.35	530493.08	785.58	8	19	2007	14	58 X848	0.013
19	80.03	-0.04 A895	5310919.51	530489.41	785.5	8	19	2007	14	59 X849	0.068
19	83.08	-0.06 A896	5310918.24	530486.7	785.46	8	19	2007	15	1 X850	0.002
19	85.78	-0.02 A897	5310917.03	530484.26	785.47	8	19	2007	15	2 X851	0.023
19	89.91	-0.03 A898	5310915.22	530480.56	785.75	8	19	2007	15	4 X852	0.018
19	91.73	-0.01 A899	5310914.45	530478.92	785.72	8	19	2007	15	5 X853	0.031
19	92.68	-0.03 A900	5310914.03	530478.08	785.65	8	19	2007	15	6 X854	0.006
19	94.08	-0.02 A901	5310913.42	530476.8	785.72	8	19	2007	15	7 X855	0.017
19	96.76	-0.02 A903	5310912.28	530474.36	785.74	8	19	2007	15	10 X856	0.06
19	98.47	-0.01 A904	5310911.49	530472.88	785.86	8	19	2007	15	11 X857	0.004
19	100.52	-0.02 A905	5310910.6	530471	786.03	8	19	2007	15	12 X858	0.012
19	102.83	0.01 A906	5310909.56	530468.95	786.45	8	19	2007	15	13 X859	0.008
19	103.75	0.01 A907	5310909.15	530468.15	786.47	8	19	2007	15	14 X860	0.035
19	107.54	-0.07 A908	5310907.6	530464.7	786.52	8	19	2007	15	16 X861	0.031
19	114.54	-0.04 A909	5310904.48	530458.4	786.54	8	19	2007	15	17 X862	0.017
19	117.97	-0.04 A910	5310902.99	530455.31	786.79	8	19	2007	15	18 X863	0.01
19	120.19	0.03 A911	5310901.98	530453.33	786.87	8	19	2007	15	19 X864	0.016
19	120.88	0.02 A912	5310901.69	530452.7	786.77	8	19	2007	15	20 X865	0.028
19	126.59	0.02 A913	5310899.18	530447.58	786.57	8	19	2007	15	22 X866	0.003
19	129.45	0.01 A914	5310897.97	530445	786.37	8	19	2007	15	23 X867	0.022
19	131.95	0.05 A915	5310896.82	530442.79	786.26	8	19	2007	15	23 X868	0.017
19	133.54	-0.01 A917	5310896.16	530441.3	785.97	8	19	2007	15	25 X869	0.019
19	134.78	0.04 A918	5310895.62	530440.24	786.02	8	19	2007	15	26 X870	0.032
19	135.42	0 A919	5310895.34	530439.66	786.19	8	19	2007	15	27 X871	0.027
19	136.07	-0.03 A920	5310895.09	530439.06	786.63	8	19	2007	15	28 X872	0.027
19	137.86	-0.03 A921	5310894.29	530437.44	786.96	8	19	2007	15	30 X873	0.023
19	142.23	0 A922	5310892.4	530433.53	791.05	8	19	2007	15	33 X874	0.035
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20	2.98	-0.03 A866	5310969.42	530551.31	786.7	8	19	2007	14	21 X820	0.038
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20	23.19	-0.03 A859	5310964.81	530531.6	785.81	8	19	2007	14	13 X812	0.034
20	25.76	0 A858	5310964.18	530529.06	785.85	8	19	2007	14	12 X811	0.063

20	27.73	0 A853	5310963.76	530527.22	785.88	8	19	2007	13	9 X810	0.046
20	30.33	-0.02 A852	5310963.17	530524.67	785.96	8	19	2007	13	7 X809	0.027
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20	32.8	0 A850	5310962.62	530522.26	785.88	8	19	2007	13	5 X807	0.054
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20	42.52	0 A847	5310960.33	530512.81	785.81	8	19	2007	13	3 X804	0.019
20	48.26	-0.04 A846	5310959.07	530507.21	785.81	8	19	2007	13	2 X803	0.013
20	53.71	-0.01 A845	5310957.78	530501.92	785.9	8	19	2007	13	0 X802	0.037
20	57.79	-0.01 A844	5310956.94	530497.92	785.82	8	19	2007	12	58 X801	0.058
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20	98.88	0 A832	5310947.53	530457.95	786.02	8	19	2007	12	36 X789	0.035
20	99.86	0 A831	5310947.3	530456.98	786.08	8	19	2007	12	34 X788	0.024
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20	111.73	0 A825	5310944.59	530445.41	786.66	8	19	2007	12	25 X783	0.001
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20	135.88	-0.02 A816	5310939.11	530421.91	791.46	8	19	2007	12	2 X774	0.024
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