

APPENDIX XVII

Flooding junction (flooding hours above 15 minutes) with 5 year return period in Barapullah basin after Scenario 4

NAME	X-Coordinate	Y-Coordinate	Hours Flood	Flood Volume (MLD)	Flood Volume (M3)
J_10020	717401.265	3168584.628	0.68	0.068	68
J_10035	717408.578	3168156.551	0.94	0.045	45
J_10054	717417.377	3169043.327	0.87	0.105	105
J_10057	717417.681	3168425.623	0.86	0.669	669
J_10064	717419.866	3169773.790	0.84	7.388	7388
J_10149	717447.041	3171955.364	0.94	0.388	388
J_10158	717449.862	3168685.919	1.1	1.054	1054
J_10160	717450.054	3169048.668	0.52	0.031	31
J_10179	717457.046	3169019.000	1.13	0.155	155
J_10184	717459.643	3168183.194	1.02	0.194	194
J_10211	717468.847	3167572.490	0.35	0.047	47
J_10218	717470.425	3168390.974	0.49	0.126	126
J_10237	717476.102	3168681.173	0.84	0.401	401
J_10249	717480.131	3168193.862	1.03	0.045	45
J_10308	717498.454	3168468.005	1.11	1.365	1365
J_10316	717500.187	3170407.512	0.66	0.277	277
J_10320	717503.192	3168206.207	1.03	0.371	371
J_10379	717524.755	3168286.797	0.87	0.226	226
J_10386	717526.828	3168459.897	0.85	0.254	254
J_10400	717530.886	3168274.722	0.9	0.283	283
J_10404	717532.762	3167534.999	0.87	2.094	2094
J_10428	717537.815	3167671.494	0.6	0.075	75
J_10432	717539.705	3167715.502	0.83	0.478	478
J_10447	717547.292	3168769.292	1.14	0.966	966
J_10461	717554.642	3168474.461	0.53	0.023	23
J_10468	717558.328	3171951.386	0.73	6.796	6796
J_10487	717565.355	3170369.266	0.62	0.065	65
J_10496	717569.887	3171973.949	0.36	0.032	32
J_10534	717592.090	3171950.191	1.08	2.569	2569
J_10545	717596.488	3170301.728	0.77	0.925	925
J_10547	717596.751	3168792.453	1.09	1.144	1144
J_10594	717611.867	3168263.321	0.93	0.407	407
J_10646	717637.389	3168940.659	0.57	0.156	156

J_10664	717647.932	3168282.475	0.82	0.031	31
J_10686	717657.253	3168551.822	0.52	0.096	96
J_10706	717667.226	3171942.378	0.8	0.869	869
J_10709	717668.880	3168293.471	0.74	0.034	34
J_10710	717670.411	3168068.091	1.03	0.975	975
J_10745	717692.224	3168305.499	0.8	0.435	435
J_10793	717711.942	3167989.178	0.8	0.093	93
J_10837	717731.518	3168567.254	1.09	0.245	245
J_10851	717736.487	3168592.516	0.56	0.174	174
J_10868	717746.573	3168296.512	0.84	0.577	577
J_10878	717752.385	3168578.320	0.76	0.124	124
J_10946	717784.204	3167335.265	0.82	2.948	2948
J_10964	717793.581	3167901.650	0.97	0.796	796
J_10980	717797.559	3170536.554	0.28	0.329	329
J_10993	717800.396	3167231.327	0.72	0.165	165
J_11017	717814.404	3168822.839	0.73	0.646	646
J_11018	717814.785	3168610.554	0.68	0.151	151
J_11043	717826.258	3168643.394	0.85	0.476	476
J_11119	717861.975	3167707.622	0.46	0.086	86
J_11142	717873.374	3167965.905	0.85	0.316	316
J_11152	717877.046	3171948.501	0.29	0.024	24
J_11155	717878.325	3168774.503	0.72	0.136	136
J_11156	717878.637	3170288.766	0.45	0.14	140
J_11162	717883.066	3168405.945	0.88	0.564	564
J_11174	717886.920	3167388.259	0.4	0.119	119
J_11186	717891.395	3169506.682	0.86	2.278	2278
J_11223	717908.007	3168381.237	0.51	0.209	209
J_11241	717915.874	3168728.808	0.72	0.197	197
J_11245	717916.954	3170261.067	0.62	0.093	93
J_11281	717935.027	3168716.885	0.72	0.03	30
J_11315	717946.207	3169471.642	0.86	1.801	1801
J_11325	717950.664	3167472.814	0.92	1.243	1243
J_11343	717957.626	3168702.823	0.9	0.351	351
J_11369	717968.033	3170239.054	0.63	0.094	94
J_11386	717977.751	3167481.926	0.58	0.141	141
J_11402	717984.729	3168459.559	0.59	0.083	83
J_11419	717995.333	3168700.216	0.89	0.452	452
J_11440	718008.812	3168670.771	0.99	0.276	276
J_11442	718008.957	3168661.042	0.76	0.204	204

J_11455	718016.312	3168476.263	0.61	0.099	99
J_11474	718030.316	3167463.264	0.47	0.197	197
J_11493	718042.503	3172394.186	0.44	0.415	415
J_11544	718081.734	3168625.025	1.04	0.948	948
J_11551	718085.974	3168612.084	0.89	0.47	470
J_11559	718090.602	3168640.364	0.97	0.146	146
J_11561	718091.337	3168648.294	0.29	0.023	23
J_11562	718091.443	3168649.685	0.59	0.223	223
J_11563	718091.876	3170094.477	0.45	0.092	92
J_11587	718101.149	3172109.710	0.69	0.197	197
J_11609	718108.445	3172348.644	0.78	0.328	328
J_11612	718109.264	3172299.911	0.63	0.077	77
J_11621	718112.712	3170075.483	0.71	0.21	210
J_11623	718113.122	3170022.054	0.3	0.029	29
J_11653	718124.560	3172134.644	0.82	0.178	178
J_11686	718139.059	3171947.748	0.74	0.8	800
J_11707	718149.765	3167571.561	0.84	0.622	622
J_11711	718153.386	3167656.100	0.77	0.113	113
J_11712	718155.176	3167696.081	0.73	0.161	161
J_11713	718155.310	3171995.198	0.8	0.36	360
J_11714	718156.000	3168577.535	0.5	0.025	25
J_11715	718156.486	3167730.674	0.52	0.039	39
J_11749	718172.864	3168145.417	0.94	0.706	706
J_11750	718173.719	3168173.118	0.94	0.567	567
J_11769	718182.911	3168419.739	0.48	0.198	198
J_11784	718187.316	3167656.507	0.88	0.059	59
J_11790	718188.158	3167669.867	0.84	0.321	321
J_11819	718195.197	3167850.792	0.64	0.122	122
J_11830	718197.606	3168789.839	0.79	0.488	488
J_11859	718204.647	3168096.777	0.77	0.294	294
J_11865	718208.395	3168187.039	0.74	0.194	194
J_11869	718209.502	3168266.434	0.96	0.931	931
J_11882	718214.938	3168369.177	0.74	0.521	521
J_11909	718228.790	3169425.487	0.53	0.294	294
J_11921	718231.682	3168766.280	0.61	0.118	118
J_12020	718283.042	3171446.930	1.04	0.96	960
J_12068	718305.394	3168884.201	0.68	0.159	159
J_12088	718312.077	3171575.725	0.57	0.436	436
J_12116	718327.446	3168448.610	0.55	0.105	105

J_12136	718335.204	3168873.839	0.81	0.192	192
J_12144	718338.225	3168438.606	0.44	0.039	39
J_12157	718349.511	3168702.680	0.68	0.196	196
J_12159	718350.131	3168882.434	1.08	0.588	588
J_12172	718356.075	3167746.645	0.49	0.088	88
J_12181	718361.942	3167420.979	0.84	0.192	192
J_12184	718363.322	3167804.313	0.83	1.049	1049
J_12189	718365.004	3167838.502	0.83	0.091	91
J_12194	718366.469	3167789.693	0.83	0.465	465
J_12206	718372.761	3167972.147	0.82	1.745	1745
J_12217	718376.395	3168534.519	0.7	0.106	106
J_12225	718378.366	3167399.568	0.99	0.707	707
J_12229	718380.021	3171920.647	0.67	0.142	142
J_12242	718393.604	3167554.549	0.86	0.519	519
J_12264	718404.280	3171764.259	0.72	0.144	144
J_12288	718413.565	3172549.891	0.7	0.999	999
J_12294	718418.199	3167375.075	0.73	0.057	57
J_12298	718419.286	3168350.938	0.41	0.023	23
J_12301	718420.923	3172368.424	0.76	0.943	943
J_12309	718426.812	3168939.249	0.34	0.392	392
J_12333	718440.006	3168328.447	0.45	0.034	34
J_12344	718444.554	3168919.250	0.61	0.96	960
J_12365	718457.115	3169060.458	0.55	0.214	214
J_12392	718471.473	3167596.357	0.97	0.828	828
J_12395	718475.910	3167683.037	0.86	0.289	289
J_12405	718480.722	3168788.010	0.43	0.048	48
J_12427	718495.634	3172402.174	0.34	0.093	93
J_12444	718501.844	3168562.168	0.91	1.13	1130
J_12494	718542.525	3169099.311	0.35	0.133	133
J_12495	718543.031	3170146.804	0.89	5.616	5616
J_12496	718544.038	3168173.184	0.82	0.894	894
J_12501	718548.854	3169256.866	0.32	0.069	69
J_12511	718553.816	3171936.057	0.49	0.251	251
J_12523	718561.125	3167819.431	0.97	0.686	686
J_12526	718563.070	3167362.896	0.83	0.392	392
J_12527	718566.105	3171680.148	1.08	0.785	785
J_12533	718567.706	3166896.251	0.56	0.069	69
J_12534	718567.908	3168147.919	0.55	0.127	127
J_12535	718568.634	3167750.808	0.59	0.039	39

J_12544	718575.836	3169240.238	0.98	2.929	2929
J_12546	718579.368	3167767.779	1.02	0.466	466
J_12609	718617.732	3168557.752	0.73	0.687	687
J_12644	718650.666	3168100.541	0.34	0.036	36
J_12699	718695.069	3168520.928	0.95	0.997	997
J_12728	718717.083	3168520.012	0.96	0.166	166
J_12735	718722.130	3166803.931	0.9	0.565	565
J_12748	718730.471	3168519.545	0.99	0.343	343
J_12767	718748.800	3168116.351	0.59	0.104	104
J_12803	718777.935	3168551.354	0.9	0.937	937
J_12809	718782.255	3168009.061	0.89	0.632	632
J_12816	718790.563	3168182.449	0.56	0.079	79
J_12846	718813.786	3171258.043	0.4	0.123	123
J_12870	718835.141	3167505.999	0.68	0.361	361
J_12871	718836.963	3169285.734	0.35	0.094	94
J_12895	718855.131	3167516.255	0.72	0.214	214
J_12906	718868.499	3168306.556	0.58	0.047	47
J_12912	718877.349	3171245.598	0.85	0.615	615
J_12918	718879.616	3168325.070	0.64	0.442	442
J_12921	718882.679	3171281.695	0.27	0.111	111
J_12925	718887.230	3168334.643	0.69	0.322	322
J_12971	718924.562	3167929.224	1.09	0.977	977
J_12990	718947.230	3168423.465	0.65	1.181	1181
J_13002	718956.304	3168365.256	0.89	1.139	1139
J_13023	718974.885	3167634.109	0.97	0.319	319
J_13036	718982.396	3170845.971	0.68	0.156	156
J_13040	718984.045	3170876.055	0.91	0.42	420
J_13042	718985.329	3171285.015	0.25	0.035	35
J_13077	719010.591	3167933.324	0.65	0.066	66
J_13079	719011.042	3167838.659	0.44	0.207	207
J_13081	719012.076	3166892.633	0.86	4.413	4413
J_13149	719051.665	3166772.829	0.45	0.079	79
J_13158	719055.864	3168082.151	0.74	0.241	241
J_13159	719056.048	3167099.859	0.57	0.173	173
J_13160	719056.218	3168046.187	0.89	0.645	645
J_13227	719099.210	3166328.890	0.3	0.028	28
J_13237	719105.825	3169016.581	0.76	1.042	1042
J_13325	719194.148	3171282.290	0.42	0.192	192
J_13333	719213.675	3167121.436	0.35	0.064	64

J_13338	719222.748	3172309.714	0.72	0.48	480
J_13346	719241.701	3171309.417	0.54	0.223	223
J_13365	719261.633	3167120.866	0.61	0.13	130
J_13371	719270.588	3171311.791	0.57	0.113	113
J_13402	719323.512	3171320.257	0.68	0.535	535
J_13419	719359.027	3172159.559	0.91	1.057	1057
J_13442	719378.627	3171898.145	0.85	1.732	1732
J_13447	719380.868	3172118.818	0.9	1.519	1519
J_13465	719393.270	3172131.412	0.9	3.615	3615
J_13485	719407.596	3171584.206	0.63	0.181	181
J_13491	719410.048	3171675.668	0.68	0.219	219
J_13505	719419.710	3171570.173	0.69	0.269	269
J_13519	719433.329	3169039.646	0.45	0.237	237
J_13558	719472.963	3171206.875	0.63	0.534	534
J_13572	719491.273	3171150.326	0.51	0.08	80
J_13581	719499.033	3167041.675	0.66	0.597	597
J_13645	719569.489	3167017.055	0.72	0.162	162
J_13655	719578.706	3171001.242	1.01	3.335	3335
J_13659	719581.777	3170298.343	0.59	0.389	389
J_13661	719582.015	3170261.796	0.58	0.071	71
J_13663	719582.517	3170182.216	0.57	0.826	826
J_13676	719594.563	3170952.202	0.8	0.306	306
J_13704	719607.237	3170616.720	0.55	0.593	593
J_13710	719610.018	3169324.429	0.93	2.043	2043
J_13732	719621.122	3170737.706	0.67	0.593	593
J_13737	719622.451	3170617.280	0.64	0.611	611
J_13821	719683.627	3169229.310	0.82	1.608	1608
J_13900	719748.414	3168848.060	0.33	0.128	128
J_13904	719749.446	3170112.685	0.71	1.423	1423
J_13930	719767.444	3168999.048	0.7	1.053	1053
J_13982	719812.136	3168742.677	0.34	0.027	27
J_14073	719907.757	3167695.559	0.31	0.116	116
J_14076	719911.745	3167145.659	0.63	0.804	804
J_14102	719939.644	3170089.581	0.72	0.422	422
J_14121	719976.353	3169629.162	0.47	1.075	1075
J_14131	719988.794	3168779.867	0.78	0.526	526
J_14151	719999.378	3170081.562	0.6	0.376	376
J_14191	720037.851	3168844.724	0.62	0.35	350
J_14197	720044.474	3168858.832	0.48	0.176	176

J_14203	720048.564	3168831.681	0.93	0.991	991
J_14260	720130.024	3167105.061	0.48	0.203	203
J_14266	720134.088	3168976.967	0.66	0.827	827
J_14274	720141.966	3167044.434	0.48	0.027	27
J_14280	720145.154	3169140.583	0.6	0.131	131
J_14321	720175.423	3169280.783	0.87	0.784	784
J_14336	720186.297	3169312.778	0.97	0.685	685
J_14526	720489.951	3165927.063	0.66	38.177	38177
J_14558	720534.627	3164508.817	0.91	0.673	673
J_14643	720673.264	3165109.418	0.5	0.952	952
J_14682	720725.591	3164548.455	0.72	0.425	425
J_14728	720791.092	3164580.276	0.78	0.566	566
J_14778	720882.918	3164640.614	0.58	0.27	270
J_14801	720925.999	3164522.560	0.49	0.327	327
J_14809	720934.181	3164492.829	0.32	0.055	55
J_4000	714748.339	3168821.585	0.59	0.067	67
J_4023	714759.085	3168839.077	0.6	0.022	22
J_4063	714773.909	3168862.819	0.62	0.025	25
J_4090	714791.852	3168930.836	0.49	0.248	248
J_4091	714791.947	3168890.366	0.62	0.031	31
J_4100	714804.743	3168958.014	0.56	0.511	511
J_4134	714837.261	3168964.844	0.61	0.089	89
J_4276	714920.604	3169098.482	0.47	0.059	59
J_4459	714993.257	3169130.295	0.45	0.03	30
J_4563	715039.468	3169092.532	0.59	0.053	53
J_4986	715194.606	3169538.385	0.67	0.241	241
J_5049	715236.971	3169650.078	0.99	0.267	267
J_5059	715239.985	3169299.023	0.65	0.217	217
J_5077	715249.639	3169609.676	0.84	0.464	464
J_5081	715251.988	3170920.856	0.65	0.031	31
J_5150	715280.554	3169721.227	1.18	1.221	1221
J_5205	715306.028	3169405.856	0.9	0.315	315
J_5208	715310.526	3170440.760	0.73	1.379	1379
J_5219	715316.081	3169568.349	0.91	0.574	574
J_5230	715323.008	3169433.971	0.95	0.326	326
J_5238	715327.892	3170440.469	0.78	0.593	593
J_5244	715333.393	3169831.003	0.88	0.639	639
J_5250	715336.912	3169840.845	0.69	0.533	533
J_5277	715354.795	3168897.251	0.47	0.066	66

J_5280	715356.296	3170376.893	0.9	5.233	5233
J_5302	715371.251	3169533.740	0.97	2.351	2351
J_5323	715382.350	3168880.597	0.57	0.09	90
J_5352	715398.072	3169539.607	0.61	0.1	100
J_5367	715404.486	3169978.310	0.65	0.166	166
J_5448	715448.817	3170051.171	1.09	0.762	762
J_5482	715463.857	3169498.575	0.76	0.39	390
J_5526	715488.918	3170283.186	0.65	0.788	788
J_5530	715489.977	3170676.609	0.57	0.071	71
J_5531	715490.012	3170856.176	0.72	0.185	185
J_5568	715507.076	3170148.821	1.1	0.919	919
J_5584	715516.484	3169465.444	0.41	0.031	31
J_5653	715553.937	3171157.375	0.59	0.058	58
J_5655	715554.279	3168769.756	1.15	0.811	811
J_5680	715570.984	3168806.894	1.14	0.666	666
J_5689	715577.759	3171029.436	0.98	0.112	112
J_5694	715578.768	3169030.167	0.83	0.595	595
J_5711	715585.856	3169223.593	1.05	0.743	743
J_5715	715588.107	3170219.327	0.72	0.463	463
J_5718	715588.823	3170910.541	0.53	0.031	31
J_5735	715600.026	3168789.116	0.5	0.373	373
J_5744	715603.145	3168893.934	0.58	0.195	195
J_5772	715612.078	3169163.702	0.83	0.154	154
J_5777	715613.204	3169186.944	0.83	0.063	63
J_5783	715615.360	3169243.329	0.62	0.033	33
J_5788	715616.163	3169257.225	0.67	0.042	42
J_5796	715617.253	3169288.684	0.64	0.033	33
J_5810	715625.035	3169624.441	0.68	0.304	304
J_5944	715684.718	3170110.469	0.41	0.109	109
J_5950	715686.386	3169724.022	0.31	0.032	32
J_5995	715706.039	3171449.014	0.56	0.324	324
J_6030	715724.868	3169398.235	0.68	0.327	327
J_6071	715740.070	3171446.415	0.54	0.16	160
J_6099	715750.051	3169765.213	0.98	0.91	910
J_6130	715770.006	3169394.675	0.74	0.099	99
J_6146	715778.189	3168641.972	0.62	0.409	409
J_6154	715781.501	3170367.091	0.63	0.421	421
J_6155	715782.120	3169873.790	0.73	0.309	309
J_6170	715792.201	3170020.133	0.68	0.488	488

J_6176	715795.016	3169836.468	0.94	0.299	299
J_6188	715800.547	3171629.816	0.46	0.077	77
J_6206	715807.854	3169919.810	0.68	0.075	75
J_6213	715810.490	3172537.276	0.84	0.44	440
J_6235	715826.383	3169886.003	0.88	0.245	245
J_6239	715828.028	3168363.104	0.35	0.026	26
J_6259	715840.084	3172757.838	0.63	0.073	73
J_6263	715843.436	3170113.612	0.37	0.108	108
J_6304	715869.557	3168436.209	0.69	0.333	333
J_6310	715871.197	3168868.992	0.31	0.072	72
J_6318	715872.751	3170119.913	0.36	0.215	215
J_6338	715879.125	3169079.278	0.96	3.237	3237
J_6370	715885.428	3168301.703	0.65	0.219	219
J_6375	715887.802	3169330.850	0.26	0.056	56
J_6376	715888.155	3168815.773	0.7	1.049	1049
J_6479	715915.424	3170487.005	0.89	1.071	1071
J_6493	715918.408	3171394.913	0.47	0.481	481
J_6533	715929.679	3169387.449	0.25	0.068	68
J_6544	715933.997	3168270.775	0.94	0.54	540
J_6635	715963.122	3172509.421	0.66	0.02	20
J_6696	715977.793	3168268.073	0.68	0.181	181
J_6729	715991.985	3168259.205	0.73	0.084	84
J_6734	715993.733	3170751.721	0.87	0.549	549
J_6754	715998.692	3168155.102	0.87	0.394	394
J_6760	716002.090	3171223.791	0.54	0.263	263
J_6785	716011.796	3168246.705	0.78	0.172	172
J_6822	716029.977	3168437.770	0.61	0.118	118
J_6830	716033.542	3170155.033	1.07	1.29	1290
J_6895	716064.949	3168415.647	0.8	0.283	283
J_6925	716079.152	3169681.677	0.8	0.722	722
J_7048	716140.655	3168892.363	0.57	0.916	916
J_7104	716171.984	3169373.572	1.12	1.75	1750
J_7122	716178.322	3168618.372	0.79	0.384	384
J_7125	716179.484	3172186.146	0.87	0.186	186
J_7169	716198.370	3171907.282	0.52	0.135	135
J_7171	716200.007	3168612.374	0.72	0.856	856
J_7317	716257.930	3169781.341	0.78	0.058	58
J_7481	716311.742	3169365.726	0.95	0.392	392
J_7532	716329.396	3168563.649	0.95	0.48	480

J_7553	716335.338	3171624.102	0.36	0.124	124
J_7567	716341.529	3168039.327	0.51	0.135	135
J_7652	716373.904	3172115.688	0.64	0.047	47
J_7661	716376.570	3170210.009	1.01	1.22	1220
J_7770	716419.175	3168432.258	0.94	0.446	446
J_7773	716421.673	3168162.488	0.92	0.928	928
J_7788	716425.990	3168617.975	0.63	0.208	208
J_7792	716426.828	3172110.771	0.55	0.063	63
J_7823	716442.165	3168865.601	0.31	0.022	22
J_7829	716444.819	3168477.068	0.97	0.354	354
J_7850	716453.769	3168426.359	0.63	0.514	514
J_7868	716461.051	3168504.130	0.97	0.206	206
J_7879	716467.548	3169334.975	0.56	1.017	1017
J_7905	716487.208	3168549.213	0.79	0.02	20
J_7918	716495.272	3168563.987	0.79	0.031	31
J_7929	716498.359	3168178.239	0.96	1.045	1045
J_7931	716499.741	3168570.963	0.78	0.48	480
J_7992	716533.196	3171649.825	0.36	0.135	135
J_7997	716534.881	3168701.722	0.95	0.451	451
J_8040	716554.431	3171652.136	0.39	0.051	51
J_8068	716566.936	3172108.841	0.47	0.034	34
J_8082	716570.414	3172137.686	0.32	0.02	20
J_8104	716579.424	3168639.625	0.73	0.668	668
J_8192	716613.055	3168070.319	0.65	0.218	218
J_8204	716617.051	3168377.424	0.58	0.383	383
J_8205	716617.290	3168103.338	0.52	0.732	732
J_8214	716620.523	3169158.455	0.87	2.713	2713
J_8239	716629.988	3170033.723	0.6	0.327	327
J_8301	716655.605	3169167.168	0.87	15.341	15341
J_8308	716656.964	3171611.906	0.65	0.21	210
J_8335	716670.096	3169454.881	0.73	0.212	212
J_8340	716671.656	3171434.819	0.32	0.349	349
J_8441	716720.433	3169508.607	0.64	0.792	792
J_8444	716721.648	3168876.342	0.86	0.362	362
J_8474	716734.332	3171159.459	0.61	1.37	1370
J_8538	716769.868	3170933.454	0.7	1.585	1585
J_8548	716774.012	3171150.293	0.82	0.053	53
J_8617	716801.436	3172326.236	0.69	0.642	642
J_8639	716810.684	3169026.116	0.84	1.816	1816

J_8675	716822.869	3167938.857	0.69	0.228	228
J_8733	716848.041	3170364.642	0.88	0.454	454
J_8771	716860.838	3172010.701	0.8	1.493	1493
J_8810	716878.169	3169337.690	0.84	2.577	2577
J_8821	716881.597	3169305.339	0.37	0.093	93
J_8891	716908.120	3169234.326	0.84	5.52	5520
J_8946	716928.235	3168067.735	0.72	0.253	253
J_8955	716932.459	3168211.626	1.06	0.291	291
J_8957	716933.005	3168250.290	1.06	1.002	1002
J_8994	716950.360	3168500.963	1	1.176	1176
J_8995	716950.683	3168493.617	1	0.1	100
J_9039	716965.434	3168863.682	0.68	0.14	140
J_9054	716970.769	3168033.673	0.33	0.135	135
J_9075	716978.607	3168284.843	0.76	0.702	702
J_9085	716981.512	3168373.316	0.85	1.198	1198
J_9105	716989.697	3168657.949	0.64	0.719	719
J_9196	717028.487	3167956.674	0.95	0.342	342
J_9198	717030.069	3168592.477	0.96	0.909	909
J_9309	717086.775	3172028.780	0.53	0.117	117
J_9328	717095.627	3172012.060	0.42	0.251	251
J_9345	717102.323	3168589.659	0.62	0.02	20
J_9382	717118.192	3168587.849	0.6	0.058	58
J_9383	717118.447	3167965.860	0.76	0.481	481
J_9422	717132.945	3168010.807	0.62	0.354	354
J_9476	717164.524	3167725.183	0.68	0.354	354
J_9494	717175.123	3168472.247	0.9	0.378	378
J_9525	717188.406	3167710.228	0.71	0.028	28
J_9540	717194.970	3168425.734	1.09	0.586	586
J_9542	717196.140	3168457.076	0.69	0.157	157
J_9548	717198.624	3168519.594	0.63	0.087	87
J_9560	717202.424	3168612.017	0.98	1.004	1004
J_9563	717203.840	3167700.492	0.87	0.491	491
J_9566	717205.506	3168959.700	0.74	0.213	213
J_9585	717214.523	3168312.842	1	1.136	1136
J_9596	717223.741	3167726.422	1.03	0.934	934
J_9620	717235.762	3168016.593	0.72	0.355	355
J_9632	717240.189	3169732.216	0.88	3.583	3583
J_9668	717260.580	3168320.322	1.06	0.777	777
J_9707	717282.899	3169127.381	0.92	0.538	538

J_9722	717291.544	3167683.533	0.67	0.105	105
J_9723	717292.099	3169122.038	0.96	0.032	32
J_9760	717310.278	3169110.783	0.98	0.02	20
J_9793	717322.447	3167664.138	0.56	0.058	58
J_9797	717324.195	3169101.511	1.07	0.265	265
J_9852	717341.507	3169117.482	1	0.192	192
J_9854	717341.591	3170363.859	0.4	0.34	340
J_9870	717345.468	3168696.489	0.4	0.076	76
J_9893	717354.314	3167917.424	0.46	0.037	37
J_9896	717354.915	3168369.380	0.37	0.084	84
J_9899	717356.274	3169493.075	0.49	0.735	735
J_9962	717376.727	3167903.449	0.95	0.636	636
J_9992	717387.765	3168145.367	0.92	0.54	540
J_10003	717391.856	3173222.248	0.66	0.573	573
J_10031	717406.344	3173808.272	0.68	0.079	79
J_10111	717435.728	3174844.571	1.03	10.589	10589
J_10220	717472.107	3173798.230	0.94	1.479	1479
J_10341	717514.231	3174788.819	0.78	2.695	2695
J_10380	717525.168	3173262.297	0.7	0.483	483
J_10529	717589.933	3173285.063	0.67	0.601	601
J_10774	717705.722	3174648.463	0.75	0.945	945
J_10827	717725.442	3174591.565	0.76	1.992	1992
J_10828	717725.682	3173145.582	0.54	1.856	1856
J_10856	717740.637	3174617.546	0.99	3.179	3179
J_10999	717804.725	3173273.672	0.94	4.031	4031
J_11010	717809.340	3173215.063	0.96	3.3	3300
J_11038	717824.006	3174422.772	0.83	4.891	4891
J_11074	717838.501	3174373.767	0.56	0.374	374
J_11091	717850.154	3174186.121	0.49	0.649	649
J_11098	717853.264	3173168.429	0.34	0.182	182
J_11112	717860.315	3173156.477	0.67	1.983	1983
J_11134	717871.431	3173047.018	0.72	1.19	1190
J_11150	717875.999	3173093.299	1.06	1.31	1310
J_11335	717955.847	3173907.840	0.91	4.854	4854
J_11390	717979.352	3173812.808	0.71	2.527	2527
J_12287	718413.041	3172844.644	0.96	6.829	6829
J_6388	715891.666	3173174.474	0.87	4.125	4125
J_6467	715913.790	3173152.288	0.87	0.381	381
J_6870	716054.086	3173071.966	0.88	1.134	1134

J_7032	716133.407	3173027.008	0.68	0.433	433
J_7206	716216.007	3172966.945	0.41	0.082	82
J_7470	716308.481	3172860.391	0.58	0.344	344
J_8176	716608.753	3173904.300	0.76	4.731	4731
J_8278	716645.070	3173552.642	0.51	1.073	1073
J_8319	716660.918	3173481.818	0.78	5.047	5047
J_8322	716663.112	3173902.230	0.72	1.155	1155
J_8348	716674.863	3173415.855	0.59	0.065	65
J_8379	716692.813	3173326.877	0.58	0.483	483
J_8414	716707.332	3173882.448	0.66	0.138	138
J_8421	716712.088	3174371.672	0.29	0.192	192
J_8422	716712.155	3173893.903	0.72	0.299	299
J_8429	716715.604	3174439.075	0.44	0.156	156
J_8447	716722.432	3174510.035	0.52	0.38	380
J_8473	716734.292	3173070.962	0.89	8.506	8506
J_8504	716753.725	3174634.153	0.74	2.605	2605
J_8513	716757.125	3173081.696	0.28	0.691	691
J_8537	716769.688	3173867.254	0.83	0.46	460
J_8628	716805.490	3176028.163	0.4	0.199	199
J_8661	716816.416	3174859.790	0.71	1.72	1720
J_8699	716836.704	3174937.160	0.73	0.259	259
J_8759	716856.533	3175039.160	0.83	1.179	1179
J_8784	716865.903	3175119.407	0.8	1.85	1850
J_8838	716887.115	3173102.590	0.95	6.479	6479
J_8852	716891.276	3175215.350	0.68	1.778	1778
J_8870	716895.893	3174392.891	0.43	0.127	127
J_8991	716949.338	3173116.066	0.98	1.995	1995
J_8992	716949.951	3174397.237	0.32	0.037	37
J_9071	716977.343	3174376.547	0.88	3.214	3214
J_9175	717019.074	3175550.252	0.61	1.443	1443
J_9232	717049.086	3173115.126	0.71	3.479	3479
J_9251	717060.014	3175341.680	0.72	1.075	1075
J_9336	717098.460	3174361.995	0.37	0.064	64
J_9340	717099.948	3172830.086	0.51	0.349	349
J_9409	717127.525	3174339.764	0.84	0.214	214
J_9418	717131.472	3173160.056	1	2.417	2417
J_9432	717138.490	3174902.285	0.69	1.409	1409
J_9434	717140.798	3174756.088	0.9	6.437	6437
J_9443	717146.408	3174785.859	0.76	1.608	1608

J_9468	717160.742	3174786.826	0.94	2.424	2424
J_9505	717178.393	3174688.942	0.95	29.173	29173
J_9526	717188.739	3174316.796	0.89	0.323	323
J_9561	717202.710	3174685.709	0.82	2.092	2092
J_9562	717202.796	3173185.088	1	0.421	421
J_9567	717205.596	3173795.292	0.91	3.458	3458
J_9569	717206.228	3173162.697	0.77	1.727	1727
J_9584	717214.028	3173780.051	0.94	3.159	3159
J_9590	717217.213	3173025.580	0.43	0.062	62
J_9653	717253.895	3173826.989	0.75	0.847	847
J_9660	717257.948	3174775.618	1.03	0.647	647
J_9661	717258.123	3174301.197	0.34	0.063	63
J_9695	717275.845	3173815.079	0.94	0.803	803
J_9728	717295.785	3173036.282	0.68	0.449	449
J_9771	717314.330	3174810.546	1.03	0.28	280
J_9780	717316.687	3173809.680	0.76	0.28	280
J_9906	717358.180	3173040.524	0.33	0.081	81
J_9970	717381.842	3173221.219	0.67	0.667	667
J_1002	712282.250	3151737.980	0.84	0.869	869
J_10022	717402.079	3163542.206	0.46	0.352	352
J_10034	717408.532	3167485.796	0.6	2.695	2695
J_1010	712297.608	3154364.723	0.96	7.068	7068
J_10101	717431.972	3165031.782	0.77	5.866	5866
J_1016	712302.640	3154813.800	0.86	9.509	9509
J_10161	717450.879	3165056.199	1.05	8.865	8865
J_10191	717461.119	3164598.183	0.65	2.74	2740
J_1024	712315.604	3160973.851	0.41	0.166	166
J_10267	717486.984	3166352.690	0.85	1.291	1291
J_10284	717491.519	3166495.000	0.57	0.897	897
J_10304	717497.610	3168397.671	0.28	0.08	80
J_10344	717515.390	3161671.034	0.61	1.088	1088
J_10359	717520.825	3164374.738	0.66	1.193	1193
J_10365	717522.181	3168718.618	0.3	0.133	133
J_1039	712343.531	3164422.901	0.89	4.329	4329
J_10393	717528.100	3168338.626	0.34	0.371	371
J_10426	717537.235	3164265.941	0.48	0.181	181
J_10460	717554.346	3156931.437	0.31	0.919	919
J_10483	717562.449	3166157.420	0.86	3.62	3620
J_10512	717575.264	3166158.190	0.86	0.049	49

J_10516	717577.470	3163990.378	0.96	1.284	1284
J_10539	717592.698	3158702.454	0.59	0.638	638
J_1055	712373.520	3162442.978	0.73	0.337	337
J_10551	717598.468	3163868.395	0.51	0.316	316
J_10578	717606.463	3163114.776	0.75	1.317	1317
J_10589	717610.798	3163769.389	0.69	0.493	493
J_10605	717616.334	3162137.116	0.74	2.104	2104
J_10622	717625.074	3163670.320	0.95	1.23	1230
J_10659	717644.352	3163547.633	0.93	0.805	805
J_10704	717666.950	3158088.560	0.27	5.168	5168
J_10714	717672.596	3166331.543	0.99	2.044	2044
J_10720	717677.852	3166104.206	0.86	0.022	22
J_10735	717687.486	3166355.997	0.8	0.75	750
J_10738	717689.630	3165577.021	0.86	3.094	3094
J_1075	712400.798	3163014.291	0.68	3.09	3090
J_10761	717698.768	3166089.369	0.86	2.204	2204
J_10784	717708.614	3164279.748	0.88	0.783	783
J_1080	712414.309	3162458.101	0.6	0.051	51
J_10800	717715.635	3165621.430	0.26	0.237	237
J_10842	717733.797	3164292.772	0.34	0.051	51
J_10847	717734.833	3166492.817	0.38	0.035	35
J_10849	717735.550	3166432.254	0.49	0.214	214
J_10861	717744.242	3166446.061	0.25	0.093	93
J_10907	717768.421	3159265.162	0.92	1.55	1550
J_10916	717771.857	3168611.197	0.54	0.498	498
J_10944	717783.713	3165670.096	0.4	0.673	673
J_11045	717827.151	3159261.960	0.49	0.751	751
J_11056	717832.173	3166906.051	0.67	1.029	1029
J_11059	717832.764	3166649.672	0.93	2.96	2960
J_11063	717835.182	3166047.735	0.45	0.406	406
J_11082	717843.218	3163504.057	0.58	0.073	73
J_11106	717856.498	3156769.697	0.32	0.23	230
J_11171	717886.022	3166734.270	0.87	1.798	1798
J_11172	717886.169	3168733.862	0.51	0.429	429
J_1118	712493.998	3155947.939	0.58	3.741	3741
J_11191	717894.986	3158006.510	0.79	2.646	2646
J_1122	712500.047	3165363.727	0.92	0.387	387
J_1130	712510.742	3162493.305	0.69	1.063	1063
J_11344	717957.927	3164827.124	0.75	1.881	1881

J_11402	717984.729	3168459.559	0.96	2.148	2148
J_11415	717993.345	3166806.483	0.82	6.782	6782
J_1143	712525.791	3162463.614	0.71	0.832	832
J_11446	718012.194	3156745.092	0.37	0.046	46
J_1148	712530.793	3162308.180	0.5	0.028	28
J_11541	718081.533	3164821.457	0.66	2.84	2840
J_11546	718082.755	3159285.361	0.41	0.3	300
J_1164	712551.009	3162254.466	0.84	0.145	145
J_11754	718175.757	3160509.649	0.41	75.496	75496
J_11764	718180.662	3168363.788	0.89	3.386	3386
J_1189	712569.682	3151651.870	0.89	1.375	1375
J_12003	718279.422	3159270.700	0.81	2.028	2028
J_12034	718294.813	3157687.291	0.84	1.198	1198
J_12043	718297.951	3166614.005	0.45	0.163	163
J_12063	718303.303	3165490.595	0.72	3.149	3149
J_12095	718318.480	3160151.397	0.46	0.137	137
J_12286	718412.961	3156232.746	0.75	0.678	678
J_12299	718419.704	3164967.427	0.74	1.999	1999
J_12329	718438.251	3155251.287	0.82	3.862	3862
J_12355	718449.125	3154541.334	0.3	1.131	1131
J_12383	718466.811	3166166.330	0.75	4.489	4489
J_12462	718515.712	3155949.422	0.75	2.406	2406
J_12522	718560.569	3156327.924	0.72	6.199	6199
J_12579	718597.761	3156198.272	0.7	1.408	1408
J_12610	718617.892	3166275.598	0.57	2.767	2767
J_12704	718700.163	3161190.004	0.73	0.81	810
J_12742	718725.826	3156683.060	0.33	0.167	167
J_12764	718746.107	3157536.337	1.02	0.351	351
J_12865	718830.959	3157461.631	0.56	0.194	194
J_12872	718838.974	3159785.183	0.74	26.827	26827
J_12877	718845.072	3165822.238	0.4	0.247	247
J_1289	712690.244	3165516.399	0.91	2.955	2955
J_12934	718895.674	3156261.394	0.42	1.376	1376
J_12978	718937.290	3156333.250	0.7	0.754	754
J_1302	712709.764	3160803.164	0.8	3.397	3397
J_13240	719108.936	3161017.969	0.9	3.45	3450
J_13306	719157.537	3156708.956	0.71	0.593	593
J_13310	719162.661	3159074.510	1.02	2.357	2357
J_13347	719242.910	3156025.296	0.8	1.284	1284

J_13358	719254.787	3156885.683	0.73	0.563	563
J_13373	719272.936	3156956.637	0.7	3.038	3038
J_134	708542.956	3152705.478	0.29	0.346	346
J_13406	719329.269	3159362.994	1.07	1.71	1710
J_1349	712778.579	3161986.557	0.27	0.025	25
J_13593	719508.495	3155991.085	0.9	75.265	75265
J_1364	712798.560	3155438.683	1.02	13.292	13292
J_1384	712818.027	3163300.846	0.6	1.83	1830
J_1389	712824.461	3165597.987	0.81	0.708	708
J_1408	712853.522	3161308.410	0.78	0.355	355
J_1418	712861.603	3159901.708	0.9	2.022	2022
J_1427	712867.115	3165623.691	0.74	0.083	83
J_1443	712883.051	3164897.275	1.03	3.324	3324
J_1450	712893.751	3165639.862	0.93	3.488	3488
J_1451	712894.190	3164918.459	0.72	1.127	1127
J_1452	712896.718	3159905.640	0.31	0.075	75
J_1457	712900.343	3161850.012	0.47	1.002	1002
J_151	708697.425	3152860.698	0.73	2.787	2787
J_1513	712962.154	3159231.008	0.89	46.703	46703
J_1522	712968.723	3161827.195	0.61	0.154	154
J_1540	712982.878	3159220.116	0.95	4.74	4740
J_1552	712993.784	3162371.576	0.63	0.222	222
J_1571	713010.112	3162334.931	0.95	0.523	523
J_1577	713019.758	3154923.287	0.59	1.844	1844
J_1589	713027.100	3151564.810	0.58	0.831	831
J_1599	713037.295	3154939.175	0.75	4.136	4136
J_1609	713044.225	3162349.526	1.07	1.209	1209
J_1619	713050.684	3161458.841	0.29	0.046	46
J_1658	713088.286	3151582.608	0.55	0.723	723
J_1680	713108.974	3165300.746	0.78	1.404	1404
J_1685	713112.781	3159500.780	0.43	0.241	241
J_1702	713140.466	3161637.404	0.84	0.944	944
J_1711	713155.120	3161547.015	0.91	0.626	626
J_1733	713191.276	3165419.731	0.37	0.089	89
J_1735	713193.861	3161536.764	1.1	1.026	1026
J_1755	713208.860	3165445.561	0.73	1.012	1012
J_1781	713229.415	3156890.371	1.09	13.033	13033
J_180	709193.758	3153202.984	0.93	6.576	6576
J_1802	713248.885	3165503.447	0.28	0.068	68

J_1807	713251.172	3151554.388	0.65	1.894	1894
J_1832	713272.238	3160448.690	0.98	7.74	7740
J_1855	713290.749	3161720.495	0.98	1.45	1450
J_1866	713301.102	3165840.428	0.29	0.023	23
J_1880	713308.613	3164244.586	0.86	3.2	3200
J_1918	713335.904	3161332.135	0.55	0.363	363
J_1928	713343.656	3163491.990	0.29	0.065	65
J_1933	713347.470	3164825.319	0.99	8.736	8736
J_1936	713349.803	3165924.212	0.73	1.42	1420
J_2001	713400.957	3160306.815	0.56	0.204	204
J_202	709502.290	3153380.980	0.94	8.008	8008
J_2054	713435.883	3164253.847	0.41	0.094	94
J_2071	713449.425	3164204.761	0.69	0.487	487
J_2076	713453.292	3160269.567	0.94	1.586	1586
J_2088	713461.038	3161899.060	0.43	0.04	40
J_2105	713469.362	3163581.627	0.25	0.401	401
J_2109	713472.110	3163585.165	0.88	3.218	3218
J_2128	713479.598	3161929.035	0.49	0.199	199
J_2136	713483.741	3163602.085	0.95	1.117	1117
J_2139	713486.911	3159237.990	0.74	8.1	8100
J_2161	713502.983	3161763.086	0.77	2.07	2070
J_2173	713514.954	3151538.070	0.82	17.125	17125
J_2223	713547.217	3164443.439	0.87	1.164	1164
J_2273	713591.869	3160899.355	0.52	0.219	219
J_2277	713595.424	3162178.834	0.96	0.62	620
J_2280	713601.347	3158607.995	0.8	47.354	47354
J_2292	713614.987	3159313.986	0.71	3.659	3659
J_2297	713620.197	3166093.245	0.75	1.792	1792
J_2388	713702.764	3161655.202	0.55	0.083	83
J_2391	713704.534	3160817.628	1.03	5.92	5920
J_2393	713707.820	3158926.919	0.56	0.09	90
J_2399	713710.462	3164953.809	0.85	0.526	526
J_2407	713716.245	3165055.257	0.67	0.557	557
J_2410	713719.271	3155838.933	0.68	0.893	893
J_242	709739.360	3153472.450	0.55	1.351	1351
J_2489	713786.101	3155433.955	0.98	9.061	9061
J_2524	713809.689	3155927.132	0.95	2.733	2733
J_255	709817.690	3153505.550	0.36	0.02	20
J_2550	713825.288	3160039.799	0.49	0.443	443

J_2552	713827.214	3165308.060	0.52	0.362	362
J_2571	713838.707	3166272.582	0.44	0.202	202
J_2588	713850.698	3158589.044	0.6	1.902	1902
J_2595	713852.880	3155940.892	0.88	3.55	3550
J_26	707720.022	3152091.417	0.7	3.837	3837
J_2623	713867.789	3165749.705	0.92	2.619	2619
J_263	709899.953	3153540.416	0.75	1.208	1208
J_2640	713876.635	3164689.600	1.01	2.736	2736
J_2649	713880.616	3155545.692	0.71	0.459	459
J_267	709932.090	3153590.580	0.91	3.68	3680
J_2685	713900.424	3153653.077	0.79	6.771	6771
J_2696	713909.896	3156014.028	0.77	10.45	10450
J_271	709958.550	3153565.410	0.91	9.622	9622
J_2736	713940.960	3156055.990	1.14	7.787	7787
J_2749	713951.908	3166396.973	1.04	4.708	4708
J_2764	713965.228	3159621.643	0.7	2.55	2550
J_2813	714003.240	3153241.655	0.79	4.127	4127
J_2847	714041.982	3164768.464	0.93	6.559	6559
J_2859	714052.014	3166533.409	0.76	16.122	16122
J_2870	714063.905	3156215.168	0.87	0.62	620
J_2879	714069.338	3161450.784	0.62	5.741	5741
J_2888	714076.370	3161497.103	0.62	0.609	609
J_2896	714084.128	3166509.221	0.36	0.096	96
J_2897	714086.063	3166577.990	0.95	6.608	6608
J_2915	714100.039	3161657.462	0.73	0.798	798
J_2919	714104.145	3161735.879	0.71	0.443	443
J_2933	714110.527	3159921.527	0.47	0.25	250
J_2938	714112.185	3167199.689	0.74	1.635	1635
J_2939	714112.791	3164204.948	0.61	1.38	1380
J_2969	714124.792	3161641.098	0.68	0.245	245
J_2970	714125.112	3152411.963	0.84	17.004	17004
J_2990	714133.757	3162044.254	0.48	0.07	70
J_3006	714139.547	3161763.481	0.94	1.551	1551
J_3009	714140.458	3166586.363	1.07	1.141	1141
J_3036	714156.118	3163277.918	1.04	10.464	10464
J_3059	714163.264	3162372.411	0.62	0.224	224
J_3063	714164.623	3167108.922	0.71	1.326	1326
J_3070	714165.824	3162009.414	0.47	1.105	1105
J_3101	714175.388	3162753.347	0.59	0.707	707

J_3103	714175.745	3162852.804	0.73	0.653	653
J_3105	714176.051	3162860.510	0.75	1.153	1153
J_3107	714176.453	3156444.701	0.66	25.08	25080
J_3122	714182.290	3152111.904	0.92	19.674	19674
J_3138	714194.376	3157601.953	0.37	0.799	799
J_3166	714203.406	3156436.487	0.68	3.013	3013
J_3190	714211.192	3153010.458	0.77	4.253	4253
J_3211	714220.384	3152746.238	0.56	0.396	396
J_322	710156.850	3153659.220	0.79	1.067	1067
J_3296	714284.469	3165325.644	0.35	1.368	1368
J_3390	714342.134	3167792.723	0.67	2.226	2226
J_3419	714369.183	3164928.959	0.79	2.104	2104
J_3425	714373.622	3161876.520	0.77	0.871	871
J_3458	714408.210	3166538.951	0.77	0.653	653
J_3468	714415.682	3165041.218	0.87	0.191	191
J_3487	714432.925	3158798.885	0.52	0.089	89
J_3490	714434.959	3165260.261	0.71	1.14	1140
J_3515	714450.686	3165252.959	0.79	2.702	2702
J_3522	714455.259	3165030.113	0.44	0.501	501
J_3541	714468.656	3165063.346	0.76	2.976	2976
J_3574	714496.668	3165129.317	0.96	9.306	9306
J_3629	714536.905	3163195.698	0.86	1.919	1919
J_3744	714609.780	3163354.556	0.82	0.216	216
J_3749	714611.907	3162402.691	0.6	0.984	984
J_3802	714641.458	3162943.614	0.38	0.457	457
J_3821	714654.323	3165754.710	1.02	5.518	5518
J_3830	714656.693	3165619.800	0.83	3.203	3203
J_3874	714678.324	3165791.471	0.95	2.902	2902
J_3898	714699.261	3160184.177	0.66	7.27	7270
J_3942	714720.885	3164676.943	1.02	4.526	4526
J_3979	714734.902	3165007.996	0.39	0.054	54
J_3999	714748.189	3168868.410	1	18.6	18600
J_405	710695.128	3161085.300	0.52	3.316	3316
J_4083	714786.256	3168161.501	1.05	37.438	37438
J_4127	714832.431	3162739.472	0.98	1.961	1961
J_4132	714836.748	3162432.240	0.71	1.174	1174
J_4139	714841.127	3157015.638	0.6	2.239	2239
J_4148	714851.971	3166243.082	1.03	3.826	3826
J_4164	714868.613	3169057.178	0.58	2.23	2230

J_4171	714871.440	3158029.470	0.41	0.284	284
J_4179	714877.255	3164043.019	0.33	0.121	121
J_4181	714879.262	3169074.983	0.98	15.017	15017
J_4201	714891.008	3162941.630	1.01	2.064	2064
J_4229	714902.263	3157019.317	0.71	1.659	1659
J_426	710893.031	3154089.206	0.84	6.093	6093
J_4269	714918.718	3163219.314	0.64	1.749	1749
J_4272	714918.770	3161091.112	0.6	0.447	447
J_4349	714951.492	3165478.233	0.34	0.17	170
J_4385	714962.641	3165374.956	0.91	0.191	191
J_4411	714971.197	3162441.851	0.54	0.756	756
J_4452	714986.248	3167940.193	0.65	1.079	1079
J_4511	715014.095	3166461.405	0.98	8.85	8850
J_4529	715018.189	3166796.699	0.75	2.746	2746
J_455	711204.259	3161243.506	0.35	0.124	124
J_4554	715031.828	3162445.882	0.81	1.114	1114
J_4579	715045.088	3161793.514	0.91	0.916	916
J_460	711231.925	3161941.093	0.82	2.332	2332
J_4613	715055.005	3167620.995	0.66	2.627	2627
J_462	711234.630	3156748.115	1.06	2.531	2531
J_4703	715080.484	3163984.871	0.65	0.126	126
J_4720	715088.867	3163954.461	0.68	0.06	60
J_4754	715099.288	3162308.412	0.76	3.152	3152
J_4818	715115.658	3156512.156	0.42	0.874	874
J_482	711334.379	3156537.105	0.77	2.798	2798
J_4839	715121.115	3167846.192	0.52	0.79	790
J_490	711354.607	3156505.289	0.48	0.136	136
J_4961	715182.298	3167705.661	0.44	0.24	240
J_4983	715193.753	3168124.054	0.67	0.046	46
J_4995	715200.060	3157910.980	0.86	5.716	5716
J_5061	715241.274	3169659.840	1.05	1.284	1284
J_5088	715255.071	3163422.152	0.68	0.114	114
J_5118	715269.258	3169704.046	1	0.607	607
J_5137	715275.600	3161359.217	0.45	1.225	1225
J_5147	715280.266	3168065.281	0.57	0.787	787
J_5199	715303.751	3168166.772	0.91	4.885	4885
J_5207	715308.465	3168442.001	0.7	1.629	1629
J_521	711453.370	3152312.670	0.95	6.848	6848
J_5229	715322.998	3159526.295	0.42	0.318	318

J_5232	715324.688	3158889.262	0.73	0.587	587
J_5234	715325.594	3165813.345	0.49	0.077	77
J_5235	715326.403	3168451.405	0.84	1.349	1349
J_524	711460.570	3162997.829	0.99	2.081	2081
J_5298	715368.677	3168473.739	0.97	3.232	3232
J_5307	715373.716	3166691.652	0.82	1.417	1417
J_5312	715377.530	3166071.857	0.76	0.42	420
J_536	711479.540	3152363.890	0.5	17.516	17516
J_5364	715403.310	3159532.678	0.5	0.564	564
J_539	711483.890	3152721.480	0.97	2.622	2622
J_543	711488.450	3154394.230	0.88	6.466	6466
J_5456	715452.605	3165288.390	0.75	0.768	768
J_5466	715455.523	3155652.088	0.86	8.813	8813
J_5476	715461.477	3158850.240	0.77	0.373	373
J_552	711497.405	3152754.722	0.97	16.532	16532
J_5520	715485.367	3170109.808	0.84	1.718	1718
J_5542	715495.419	3166535.074	0.42	0.739	739
J_5550	715499.270	3160997.644	1.04	0.831	831
J_5557	715503.536	3160087.884	0.28	0.372	372
J_5563	715505.238	3168776.883	0.91	7.281	7281
J_5574	715510.530	3167849.113	0.86	1.846	1846
J_5588	715519.762	3161102.618	0.37	0.066	66
J_562	711505.722	3162493.480	0.95	6.446	6446
J_5638	715547.620	3159431.208	0.72	1.045	1045
J_5645	715549.487	3168568.620	0.98	5.758	5758
J_5686	715577.243	3168353.584	0.95	3.783	3783
J_5693	715578.693	3168331.362	0.71	1.018	1018
J_5700	715581.038	3169086.489	0.84	2.663	2663
J_5702	715582.171	3169117.619	0.49	0.364	364
J_5716	715588.509	3169531.712	0.64	0.584	584
J_5719	715588.953	3169481.875	0.65	0.074	74
J_5724	715590.166	3169461.769	0.7	1.781	1781
J_578	711537.290	3152840.450	0.62	42.862	42862
J_5819	715629.961	3169395.389	0.47	0.137	137
J_5848	715641.180	3162781.079	0.48	0.157	157
J_5853	715643.600	3167571.000	0.32	0.039	39
J_5861	715645.856	3160219.569	0.89	4.214	4214
J_5884	715655.066	3162777.105	0.57	0.195	195
J_5934	715680.975	3167910.996	0.96	4.301	4301

J_5939	715682.799	3167783.684	0.47	0.389	389
J_596	711574.043	3159876.003	0.9	14.59	14590
J_597	711576.580	3152988.551	0.78	10.394	10394
J_5970	715692.547	3168147.486	0.62	0.974	974
J_6005	715710.797	3168554.521	0.31	0.155	155
J_6011	715713.940	3157693.010	0.38	0.258	258
J_603	711589.563	3159898.595	0.96	13.598	13598
J_6032	715725.201	3170096.162	0.78	1.461	1461
J_6054	715731.929	3167921.803	0.94	5.41	5410
J_6084	715745.190	3165235.026	0.72	0.501	501
J_6094	715747.557	3165455.728	0.85	1.305	1305
J_6189	715800.670	3157680.980	0.56	0.68	680
J_6204	715806.680	3157654.280	0.81	3.355	3355
J_6220	715816.870	3163380.332	0.48	0.414	414
J_6225	715819.093	3169967.285	0.64	1.265	1265
J_6245	715833.697	3160121.097	0.25	0.115	115
J_6247	715834.363	3160830.752	0.68	61.822	61822
J_6269	715848.290	3163378.040	0.54	0.118	118
J_6278	715853.372	3166626.193	0.25	0.091	91
J_6294	715862.165	3166604.245	0.41	0.05	50
J_6311	715871.359	3169390.008	0.79	2.813	2813
J_6312	715871.985	3163375.879	0.65	1.774	1774
J_6331	715876.631	3169009.873	0.25	0.414	414
J_6340	715879.407	3168043.013	0.9	1.092	1092
J_6375	715887.802	3169330.850	0.53	0.384	384
J_6376	715888.155	3168815.773	0.78	1.168	1168
J_638	711656.520	3151880.480	0.65	0.547	547
J_645	711671.531	3154481.389	0.75	4.031	4031
J_6451	715909.175	3169980.924	1.03	2.538	2538
J_6469	715913.872	3165231.470	0.5	0.178	178
J_6472	715914.001	3168283.490	0.65	1.13	1130
J_6482	715915.786	3168547.462	0.33	0.116	116
J_6492	715918.297	3161742.367	0.54	0.211	211
J_6508	715923.267	3161667.130	0.51	1.036	1036
J_6515	715925.540	3156736.797	0.91	4.71	4710
J_6522	715926.397	3159774.937	0.65	1.102	1102
J_6600	715952.933	3161385.819	1.09	1.431	1431
J_6612	715958.222	3165252.520	0.36	0.478	478
J_6623	715960.111	3164949.543	0.86	1.126	1126

J_6684	715974.034	3159430.841	0.66	0.365	365
J_6694	715976.564	3161972.405	0.51	0.029	29
J_6777	716010.667	3166169.218	0.5	0.065	65
J_6788	716012.732	3165280.740	0.67	0.739	739
J_6804	716020.665	3165284.520	0.96	4.835	4835
J_684	711738.908	3163810.930	0.56	0.894	894
J_6881	716059.384	3159379.005	0.67	1.168	1168
J_6912	716070.187	3166200.091	0.97	2.214	2214
J_6917	716073.905	3167878.145	0.92	1.979	1979
J_6930	716081.523	3165355.530	0.75	1.094	1094
J_6989	716113.578	3169734.043	0.88	0.731	731
J_6993	716116.086	3167932.526	0.4	0.329	329
J_7040	716135.886	3165344.490	0.5	0.26	260
J_7049	716140.771	3167670.468	0.47	0.557	557
J_7092	716163.155	3168904.367	0.66	1.619	1619
J_7120	716177.873	3163132.869	0.3	0.211	211
J_7160	716193.579	3163403.074	0.91	0.618	618
J_721	711800.807	3162918.271	0.4	0.302	302
J_7227	716222.996	3165337.194	0.44	0.211	211
J_7270	716236.442	3169369.918	0.34	0.392	392
J_7335	716263.566	3163190.387	1.06	1.585	1585
J_7339	716264.649	3166710.428	0.93	2.639	2639
J_737	711825.021	3160307.124	0.47	0.697	697
J_740	711828.476	3153587.566	0.61	0.499	499
J_7412	716290.246	3158512.390	0.73	0.269	269
J_7414	716290.706	3166085.687	0.7	2.399	2399
J_7418	716291.894	3160958.812	0.95	2.877	2877
J_7442	716300.127	3167734.282	0.91	2.852	2852
J_7456	716303.448	3166169.498	0.79	0.375	375
J_7459	716303.994	3164719.966	0.74	1.923	1923
J_7468	716307.339	3157019.992	0.5	0.967	967
J_7481	716311.742	3169365.726	0.92	4.123	4123
J_7494	716317.314	3160712.711	0.76	1.125	1125
J_7496	716318.031	3164979.044	0.5	0.272	272
J_7502	716320.447	3164968.372	0.92	2.422	2422
J_7503	716320.464	3166368.162	0.62	0.824	824
J_7506	716320.992	3161003.641	0.58	0.094	94
J_7515	716323.031	3166399.522	0.66	0.843	843
J_7518	716323.710	3166059.685	0.88	4.763	4763

J_753	711846.638	3162223.167	0.49	0.332	332
J_7559	716339.040	3164903.010	0.94	0.728	728
J_7585	716351.469	3158584.351	0.97	0.854	854
J_7586	716351.572	3161070.393	0.27	0.161	161
J_7606	716358.572	3163993.252	0.81	15.185	15185
J_7659	716375.547	3165469.538	0.78	3.639	3639
J_7682	716382.909	3166059.913	0.95	0.913	913
J_7713	716394.960	3157711.230	0.38	0.713	713
J_7729	716402.901	3167528.777	0.62	0.41	410
J_7744	716408.850	3167613.106	0.86	0.872	872
J_7785	716425.678	3168849.550	1.03	1.496	1496
J_7791	716426.509	3167527.582	0.76	1.243	1243
J_7817	716439.613	3159124.848	0.87	1.328	1328
J_782	711894.448	3162268.286	0.42	0.106	106
J_7821	716441.832	3168403.463	0.95	0.142	142
J_7822	716442.051	3165505.220	0.83	2.023	2023
J_7823	716442.165	3168865.601	0.68	0.932	932
J_7845	716450.950	3168421.325	0.97	0.05	50
J_785	711899.090	3151837.040	0.83	0.707	707
J_7850	716453.769	3168426.359	0.97	0.567	567
J_7878	716466.721	3160621.362	0.73	1.442	1442
J_7880	716467.574	3165968.992	0.49	0.206	206
J_7905	716487.208	3168549.213	0.98	0.677	677
J_7907	716487.703	3164865.273	0.61	0.553	553
J_7917	716495.264	3165533.500	0.59	0.026	26
J_7931	716499.741	3168570.963	0.98	0.571	571
J_7950	716510.978	3159049.850	0.42	0.06	60
J_7966	716519.505	3158762.991	0.56	0.714	714
J_797	711911.380	3155938.458	0.37	0.173	173
J_7978	716524.988	3167679.842	0.67	0.893	893
J_7994	716534.406	3158968.482	0.67	0.407	407
J_8038	716552.244	3169332.349	0.71	2.501	2501
J_8045	716556.639	3167696.306	0.45	0.268	268
J_8063	716563.918	3165948.626	0.49	0.269	269
J_8076	716568.237	3165906.056	0.96	3.291	3291
J_8164	716605.829	3165590.467	0.88	3.9	3900
J_818	711945.608	3165390.875	0.5	1.316	1316
J_8195	716613.686	3164535.783	0.41	0.246	246
J_8196	716614.230	3167837.799	0.88	3.935	3935

J_8215	716620.826	3158862.888	0.7	2.022	2022
J_8270	716640.634	3167517.676	0.81	0.956	956
J_8305	716656.546	3168189.346	0.3	0.368	368
J_8312	716657.462	3164784.076	0.66	0.453	453
J_8323	716663.917	3158846.432	0.41	0.079	79
J_8341	716672.150	3165625.000	0.87	4.12	4120
J_8350	716676.586	3165097.846	0.43	0.044	44
J_8358	716680.805	3169178.378	0.38	1.065	1065
J_8364	716684.838	3165110.516	0.79	2.275	2275
J_8366	716685.380	3165628.740	0.69	0.784	784
J_8371	716688.260	3157839.780	0.36	0.348	348
J_8404	716703.600	3169483.958	0.34	0.611	611
J_8415	716708.427	3166382.709	0.35	0.342	342
J_8437	716719.211	3163437.475	0.61	0.321	321
J_8448	716722.591	3166351.690	0.93	6.257	6257
J_8466	716732.051	3161387.695	0.68	0.362	362
J_8497	716750.658	3165188.742	0.28	0.059	59
J_8509	716755.691	3168939.715	0.58	0.114	114
J_8536	716769.392	3160338.884	0.3	0.148	148
J_8626	716805.377	3163468.330	0.94	4.519	4519
J_8648	716812.644	3157480.218	0.84	2.316	2316
J_8656	716815.506	3165211.746	0.6	0.718	718
J_8682	716826.281	3156556.716	0.6	44.051	44051
J_8686	716827.731	3160893.842	0.64	12.032	12032
J_8700	716836.824	3160883.481	0.87	25.766	25766
J_8713	716841.335	3165010.043	0.48	0.522	522
J_872	712066.706	3160701.285	0.46	0.154	154
J_8763	716858.041	3160897.282	0.88	12.682	12682
J_8792	716868.956	3161365.526	0.82	0.921	921
J_8876	716898.206	3165706.628	0.34	0.429	429
J_8888	716907.308	3165615.044	0.36	0.231	231
J_8987	716947.498	3168470.181	0.29	0.162	162
J_8990	716948.501	3166828.629	0.8	5.461	5461
J_8996	716950.705	3168541.624	0.87	1.947	1947
J_8999	716951.090	3157889.010	0.96	9.385	9385
J_9019	716958.426	3166493.968	0.45	0.304	304
J_9060	716973.812	3162977.378	0.76	10.665	10665
J_9074	716978.404	3165178.423	0.25	0.085	85
J_9089	716982.376	3165415.802	0.57	0.4	400

J_9146	717005.881	3166826.634	0.89	9.575	9575
J_921	712144.265	3160789.069	0.7	0.766	766
J_9213	717036.165	3163499.066	0.51	0.125	125
J_9215	717036.810	3158589.330	0.68	1.383	1383
J_922	712147.685	3165965.021	0.63	0.474	474
J_9225	717044.951	3161177.541	0.92	4.61	4610
J_925	712151.783	3164395.052	0.4	0.301	301
J_926	712152.725	3162668.311	0.29	0.062	62
J_928	712153.032	3165179.885	0.9	1.607	1607
J_9283	717076.568	3168617.276	0.69	0.293	293
J_9331	717096.274	3166823.444	0.89	4.195	4195
J_935	712163.272	3154743.830	0.62	0.959	959
J_9366	717110.789	3160757.217	0.88	1.957	1957
J_9375	717116.681	3160732.689	0.87	5.308	5308
J_9399	717123.395	3159161.170	0.86	2.93	2930
J_9413	717129.070	3165330.708	0.71	1.552	1552
J_9498	717176.393	3164135.140	0.48	0.538	538
J_9513	717182.615	3166289.014	0.73	1.286	1286
J_9519	717185.631	3168612.822	0.68	0.185	185
J_9534	717191.316	3168325.760	0.46	0.463	463
J_957	712206.498	3161190.022	0.77	14.732	14732
J_9600	717225.008	3160756.254	0.89	3.407	3407
J_9626	717237.277	3165922.198	0.25	0.071	71
J_9646	717250.459	3168610.259	0.83	0.148	148
J_9654	717254.186	3166239.827	0.64	1.97	1970
J_9671	717261.152	3165934.658	0.84	3.076	3076
J_9680	717266.938	3165371.680	0.64	0.713	713
J_9719	717289.867	3165348.315	0.83	0.713	713
J_9746	717303.582	3158708.445	0.31	0.09	90
J_979	712237.582	3161936.104	0.79	0.542	542
J_9795	717323.476	3158707.966	0.68	1.253	1253
J_9858	717342.862	3158707.500	0.69	0.253	253
J_987	712260.968	3162373.106	0.9	0.454	454
J_9900	717356.322	3162230.190	0.82	0.969	969
J_9969	717380.213	3168623.338	0.32	0.809	809
J_9971	717382.293	3166813.113	0.34	0.253	253
J_9983	717386.496	3165920.252	0.45	0.718	718
J_9989	717387.298	3157599.996	0.26	17.323	17323
J_12093	718316.804	3161336.998	0.6	0.526	526

J_12130	718333.476	3161317.507	0.63	0.555	555
J_12220	718377.122	3161291.075	0.67	0.686	686
J_12245	718394.306	3161283.340	0.73	0.814	814
J_123451	725679.151	3157538.104	0.26	10.628	10628
J_12434	718499.176	3161259.193	0.88	1.806	1806
J_12536	718569.805	3161243.057	0.97	2.675	2675
J_12602	718614.882	3161232.119	1.04	3.509	3509
J_12653	718658.813	3161221.687	0.91	3.976	3976
J_12814	718790.092	3161190.045	0.94	0.229	229
J_13131	719030.229	3162257.311	0.61	1.217	1217
J_13180	719066.281	3156082.566	0.98	0.141	141
J_13249	719116.309	3161592.803	0.59	0.643	643
J_13268	719130.159	3161994.444	0.79	5.423	5423
J_13285	719139.214	3161817.854	0.35	2.279	2279
J_13287	719139.970	3161855.375	0.61	6.323	6323
J_13302	719154.065	3161158.652	0.5	0.367	367
J_13347	719242.910	3156025.296	0.94	0.282	282
J_13406	719329.269	3159362.994	0.9	2.255	2255
J_13413	719349.350	3161219.779	0.38	0.125	125
J_13467	719393.914	3155996.540	0.87	4.455	4455
J_13477	719403.296	3161236.025	0.26	0.052	52
J_13504	719418.823	3159404.650	0.84	2.272	2272
J_13528	719440.490	3162305.614	0.42	0.09	90
J_13544	719461.190	3161130.324	0.41	0.109	109
J_13569	719486.649	3161261.236	0.36	0.06	60
J_13593	719508.495	3155991.085	0.83	2.118	2118
J_13888	719739.185	3154147.661	0.96	0.58	580
J_13894	719743.341	3154163.486	0.97	0.671	671
J_13905	719749.617	3156017.896	0.46	0.244	244
J_13941	719776.434	3159565.685	0.33	0.031	31
J_13957	719790.390	3159132.932	0.26	0.071	71
J_14022	719856.452	3159320.011	0.26	0.039	39
J_14031	719863.408	3159604.502	0.63	0.151	151
J_14087	719924.207	3164153.265	0.74	0.291	291
J_14098	719936.663	3159637.763	0.6	0.152	152
J_14106	719952.203	3164117.882	0.71	0.308	308
J_14109	719956.052	3164112.550	0.72	0.333	333
J_14113	719966.670	3154923.229	0.83	1.906	1906
J_14156	720000.112	3164055.619	0.48	0.112	112

J_14217	720074.779	3161309.608	0.51	0.667	667
J_14219	720075.804	3163957.766	0.3	0.038	38
J_14232	720086.711	3160852.411	0.45	0.746	746
J_14241	720105.672	3160743.177	0.37	0.085	85
J_14261	720130.065	3160746.987	0.63	0.247	247
J_14279	720144.308	3160659.107	0.78	0.538	538
J_14288	720149.171	3155370.543	0.52	0.095	95
J_14322	720177.928	3160664.371	0.73	0.597	597
J_14325	720179.805	3159132.638	0.32	0.046	46
J_14393	720245.279	3159817.343	1.02	0.341	341
J_14394	720245.729	3156003.807	0.82	0.383	383
J_14431	720323.242	3159087.530	0.52	0.055	55
J_14436	720328.007	3159063.443	0.58	0.035	35
J_14439	720339.074	3156001.237	0.88	0.519	519
J_14442	720344.132	3161912.906	0.25	0.104	104
J_14448	720352.440	3157631.428	0.3	0.056	56
J_14463	720377.087	3157640.535	0.74	0.349	349
J_14488	720418.747	3162250.147	0.5	0.23	230
J_14511	720460.240	3157517.075	0.76	0.573	573
J_14520	720480.669	3157532.007	0.85	0.673	673
J_14531	720498.568	3155977.647	0.89	0.397	397
J_14538	720509.630	3155950.554	0.94	0.332	332
J_14584	720579.765	3157424.758	0.89	0.899	899
J_14591	720588.245	3161880.314	0.59	0.083	83
J_14613	720615.006	3155943.819	0.97	0.462	462
J_14623	720635.876	3162434.490	0.75	0.946	946
J_14625	720644.812	3162106.940	0.56	0.031	31
J_14632	720655.070	3157002.420	0.58	0.4	400
J_14635	720661.356	3158901.602	0.31	0.047	47
J_14646	720676.730	3157073.020	0.81	1.013	1013
J_14663	720701.039	3155966.408	0.89	0.142	142
J_14666	720703.630	3157159.600	0.61	0.457	457
J_14675	720714.676	3162213.558	0.44	0.05	50
J_14676	720717.115	3157308.472	0.86	0.835	835
J_14686	720727.442	3158238.738	0.52	0.226	226
J_14692	720738.835	3157301.087	0.82	0.791	791
J_14699	720747.048	3157298.294	0.79	0.674	674
J_14701	720748.290	3161512.581	0.75	0.087	87
J_14710	720764.989	3161525.064	0.5	0.061	61

J_14711	720766.116	3159197.830	0.67	0.179	179
J_14716	720772.679	3162290.440	0.8	2.481	2481
J_14719	720774.005	3161415.383	0.92	0.128	128
J_14731	720796.088	3159200.110	0.75	0.125	125
J_14738	720803.334	3161526.740	0.71	0.105	105
J_14741	720808.465	3155932.016	0.99	2.447	2447
J_14758	720851.868	3159157.362	0.35	0.045	45
J_14759	720853.846	3157429.688	0.31	0.032	32
J_14763	720857.660	3159171.026	0.63	0.082	82
J_14766	720863.128	3162359.957	0.74	0.743	743
J_14775	720873.509	3157609.786	0.72	0.114	114
J_14777	720880.653	3157526.050	0.51	0.067	67
J_14779	720883.572	3155915.845	0.87	2.386	2386
J_14798	720917.811	3157603.240	0.5	0.05	50
J_14804	720929.843	3162384.985	0.76	0.834	834
J_14805	720931.023	3158061.498	0.57	0.09	90
J_14814	720941.120	3162657.212	0.82	0.89	890
J_14818	720949.949	3158073.332	0.77	0.375	375
J_14824	720981.750	3162402.210	0.74	0.575	575
J_14825	720982.060	3158038.925	0.6	0.042	42
J_14833	720990.268	3162500.549	0.73	0.406	406
J_14845	721042.514	3162423.965	0.83	1.223	1223
J_14870	721118.406	3162314.725	0.62	0.563	563
J_14894	721219.100	3158780.830	0.41	0.139	139
J_14896	721236.132	3162143.446	0.45	0.511	511
J_14914	721289.740	3159011.470	0.73	0.247	247
J_14917	721303.624	3160099.852	0.92	0.16	160
J_14918	721306.900	3159061.020	0.85	0.339	339
J_14935	721374.312	3159978.296	0.67	0.078	78
J_14951	721405.939	3159891.662	0.78	0.18	180
J_14960	721429.369	3159827.484	0.52	0.037	37
J_14980	721495.760	3159766.856	0.63	0.181	181
J_14986	721500.634	3160968.549	0.5	0.027	27
J_14991	721518.401	3163434.602	0.7	0.091	91
J_14993	721525.505	3163430.410	0.77	0.119	119
J_15000	721535.229	3155778.961	0.89	0.136	136
J_15013	721550.304	3159525.382	0.34	0.036	36
J_15019	721557.551	3159508.687	0.61	0.273	273
J_15061	721659.944	3159216.944	0.66	0.083	83

J_15069	721673.476	3159287.806	0.69	0.108	108
J_15086	721733.910	3159140.249	0.71	0.051	51
J_15103	721796.530	3162404.127	0.72	0.301	301
J_15114	721822.981	3158816.045	0.82	0.109	109
J_15119	721847.280	3158753.802	0.78	0.084	84
J_15128	721874.376	3158764.517	0.62	0.027	27
J_15129	721875.781	3158680.798	0.69	0.056	56
J_15130	721878.545	3155626.847	0.84	0.308	308
J_15157	721955.361	3159042.724	0.29	0.025	25
J_15160	721962.846	3155598.347	0.95	0.18	180
J_15161	721965.776	3157764.466	1.08	0.71	710
J_15217	722070.391	3157825.123	0.78	0.381	381
J_15261	722153.340	3161784.094	0.66	0.062	62
J_15262	722155.287	3162863.620	0.65	1.369	1369
J_15278	722192.270	3161713.035	0.78	0.131	131
J_15291	722219.147	3158455.026	0.4	0.07	70
J_15296	722230.077	3158312.476	0.76	0.031	31
J_15300	722240.404	3158419.712	0.48	0.038	38
J_15305	722244.360	3162908.870	0.75	1.247	1247
J_15306	722246.744	3160646.255	0.31	0.039	39
J_15323	722266.191	3158376.875	0.53	0.025	25
J_15324	722266.336	3161577.247	0.79	0.132	132
J_15341	722284.590	3155433.867	0.38	0.203	203
J_15344	722288.027	3158218.384	0.68	0.027	27
J_15361	722305.367	3158763.244	0.3	0.022	22
J_15385	722331.446	3158720.584	0.44	0.075	75
J_15403	722357.213	3158677.735	0.47	0.035	35
J_15409	722360.462	3160759.043	0.88	0.577	577
J_15421	722378.278	3160773.326	0.87	0.556	556
J_15424	722384.477	3160778.090	0.9	0.577	577
J_15426	722384.952	3155384.241	0.71	0.488	488
J_15434	722395.958	3160785.039	0.9	0.595	595
J_15443	722416.419	3158345.956	0.47	0.062	62
J_15456	722435.913	3158314.977	0.48	0.035	35
J_15555	722622.653	3157320.759	0.62	0.622	622
J_15561	722631.262	3157379.540	0.62	0.484	484
J_15574	722648.538	3157336.726	0.64	0.791	791
J_15576	722652.043	3157273.556	0.27	0.067	67
J_15579	722653.554	3158790.834	0.33	0.027	27

J_15588	722669.624	3158604.038	0.33	0.041	41
J_15594	722678.633	3157290.108	0.75	1.013	1013
J_15595	722679.141	3158747.877	0.47	0.051	51
J_15601	722686.149	3158577.576	0.5	0.063	63
J_15618	722704.728	3158704.920	0.54	0.04	40
J_15629	722720.181	3157168.900	0.62	0.588	588
J_15638	722731.539	3158662.716	0.6	0.05	50
J_15640	722734.430	3157204.283	0.63	0.422	422
J_15643	722736.072	3157388.477	0.79	2.493	2493
J_15647	722737.024	3160870.643	0.6	0.211	211
J_15668	722768.333	3157095.759	0.78	1.383	1383
J_15672	722775.193	3161055.101	0.56	0.111	111
J_15684	722794.206	3155319.801	0.64	0.188	188
J_15693	722804.622	3161017.546	0.76	0.352	352
J_15697	722815.799	3161003.284	0.67	0.228	228
J_15708	722827.911	3157006.227	0.71	2.272	2272
J_15770	722932.310	3156846.960	0.91	0.476	476
J_15783	722953.055	3157369.218	0.76	2.807	2807
J_15806	722992.303	3159291.104	0.6	0.185	185
J_15807	722995.149	3156746.965	0.73	0.391	391
J_15812	723011.633	3160930.674	0.6	0.28	280
J_15817	723018.031	3159229.143	0.61	0.104	104
J_15831	723054.078	3156657.605	0.43	0.056	56
J_15832	723054.965	3159136.214	0.71	0.095	95
J_15863	723141.366	3156583.116	0.8	0.151	151
J_15866	723155.534	3158882.823	0.34	0.072	72
J_15908	723416.570	3157455.441	0.43	0.357	357
J_15909	723422.483	3158763.844	0.4	0.064	64
J_15910	723424.265	3158725.278	0.36	0.055	55
J_15914	723441.396	3158812.590	0.69	0.025	25
J_15920	723515.186	3157471.965	0.51	0.339	339
J_15933	723613.515	3157490.169	0.65	1.095	1095
J_15958	723780.476	3158789.291	0.59	0.093	93
J_15961	723789.262	3159048.320	0.37	0.053	53
J_15966	723822.769	3158805.768	0.64	0.093	93
J_15968	723829.596	3158747.353	0.69	0.103	103
J_15975	723879.044	3154935.113	0.62	0.167	167
J_16001	723968.372	3154962.206	0.66	0.088	88
J_16037	724035.838	3154468.184	0.71	0.153	153

J_16053	724069.144	3159056.568	0.51	0.061	61
J_16056	724074.920	3154823.932	0.73	0.061	61
J_16061	724081.253	3159722.369	0.56	0.132	132
J_16070	724099.307	3158992.801	0.72	0.165	165
J_16074	724105.165	3158980.416	0.72	0.159	159
J_16094	724140.995	3154761.961	0.91	0.087	87
J_16098	724147.006	3157892.796	0.51	0.11	110
J_16107	724171.923	3157702.562	0.41	0.064	64
J_16109	724178.482	3158646.173	0.36	0.071	71
J_16111	724181.903	3154795.657	0.94	0.141	141
J_16116	724187.943	3157637.068	0.8	0.193	193
J_16128	724220.747	3157604.313	0.8	0.229	229
J_16135	724229.348	3158964.684	0.79	0.15	150
J_16149	724253.344	3161119.622	0.49	0.192	192
J_16153	724265.150	3158664.428	0.68	0.107	107
J_16154	724268.365	3158984.361	0.65	0.107	107
J_16165	724290.058	3157498.982	0.63	0.189	189
J_16176	724309.174	3157469.713	0.34	0.048	48
J_16188	724339.030	3157406.265	0.48	0.071	71
J_16192	724352.702	3158707.197	0.72	0.148	148
J_16193	724352.746	3160445.411	0.64	0.175	175
J_16222	724412.870	3158736.391	0.57	0.055	55
J_16223	724413.279	3160334.697	0.52	0.063	63
J_16227	724417.579	3157237.663	0.76	0.207	207
J_16260	724476.267	3157108.617	0.68	0.092	92
J_16266	724490.427	3158774.254	0.61	0.073	73
J_16282	724514.285	3157025.948	0.49	0.069	69
J_16291	724539.143	3158209.344	0.47	0.146	146
J_16305	724560.530	3158202.081	0.83	0.411	411
J_16307	724565.920	3158810.734	0.39	0.023	23
J_16316	724578.672	3154314.453	0.73	0.796	796
J_16319	724584.734	3158245.965	0.57	0.284	284
J_16328	724598.056	3158229.678	0.79	0.725	725
J_16332	724606.983	3159966.957	0.37	0.086	86
J_16344	724632.394	3160204.052	0.61	0.862	862
J_16359	724653.258	3158854.007	0.36	0.023	23
J_16364	724671.184	3154316.551	0.76	0.728	728
J_16385	724704.735	3158321.661	0.6	0.293	293
J_16415	724777.574	3159240.935	0.91	0.218	218

J_16436	724831.978	3160827.012	0.31	0.303	303
J_16451	724892.402	3154614.337	0.26	0.086	86
J_16474	724985.248	3154641.399	0.37	0.169	169
J_16488	725079.880	3154666.455	0.34	0.135	135
J_16524	725400.216	3158965.270	0.64	1.375	1375
J_16525	725407.185	3154523.809	0.34	2.205	2205
J_16539	725521.476	3154498.812	0.5	0.054	54
J_16541	725540.148	3155712.883	0.68	38.947	38947
J_16543	725561.151	3158305.205	0.45	0.596	596
J_16553	725652.893	3158329.184	0.39	0.459	459
J_16562	725732.960	3158389.095	0.4	0.351	351
J_16567	725778.964	3157986.420	0.72	0.829	829
J_16574	725851.046	3158031.478	0.81	0.226	226
J_16577	725883.776	3158048.094	0.29	0.148	148
J_16584	726035.023	3158523.715	0.54	0.086	86
J_16585	726035.808	3158104.284	0.4	0.382	382
J_16589	726129.441	3157934.026	0.53	0.752	752
J_16591	726134.544	3158119.280	0.4	0.417	417
J_16592	726141.052	3158032.868	0.51	0.759	759
J_16604	726339.006	3157857.579	0.35	0.399	399
J_16610	726427.291	3158391.875	0.72	0.251	251
J_16621	726518.262	3158376.164	0.35	0.038	38
J_16624	726527.865	3158280.323	0.38	0.07	70
J_16626	726539.123	3158180.959	0.39	0.046	46
J_16630	726557.684	3154402.879	0.79	3.445	3445
J_16632	726563.218	3154376.154	0.81	3.594	3594
J_16633	726566.889	3154346.382	0.83	3.668	3668
J_16636	726571.240	3154316.700	0.84	3.721	3721
J_16638	726573.876	3154286.817	0.87	3.793	3793
J_16639	726577.490	3154257.044	0.87	3.833	3833
J_16640	726581.552	3154227.320	0.88	3.888	3888
J_16644	726593.194	3154107.910	0.9	3.956	3956
J_16646	726597.666	3158152.275	0.58	0.074	74
J_16648	726599.127	3153561.135	0.86	3.352	3352
J_16649	726600.561	3153620.896	0.83	3.298	3298
J_16650	726600.819	3153590.899	0.85	3.328	3328
J_16651	726601.198	3153501.415	0.87	3.403	3403
J_16652	726601.711	3153531.303	0.86	3.377	3377
J_16654	726603.293	3153471.586	0.88	3.429	3429

J_16660	726612.303	3153642.768	0.82	3.269	3269
J_16662	726614.133	3153444.043	0.89	3.456	3456
J_16667	726622.266	3158350.040	0.78	0.193	193
J_16670	726623.321	3153669.267	0.84	3.288	3288
J_16671	726624.203	3153416.128	0.9	3.479	3479
J_16674	726627.183	3153386.283	0.91	3.503	3503
J_16676	726629.635	3153356.517	0.91	3.526	3526
J_16677	726636.599	3153327.343	0.93	3.551	3551
J_16679	726642.408	3153297.977	0.93	3.577	3577
J_16690	726696.743	3158165.807	0.52	0.049	49
J_16723	726823.992	3158330.112	0.59	0.117	117
J_16739	726907.295	3158117.537	0.79	0.277	277
J_16740	726935.494	3158179.881	0.89	0.266	266
J_16749	726986.898	3154657.254	0.34	0.093	93
J_16751	727002.089	3158285.732	0.25	0.072	72
J_16760	727138.632	3154576.733	0.88	0.299	299
J_16819	728316.967	3154757.968	0.49	0.486	486
J_16823	728361.285	3154685.075	0.8	0.03	30
J_16825	728372.133	3154698.569	0.69	0.942	942