

NOAA COASTAL MAPPING PROGRAM PROJECT COMPLETION REPORT

PROJECT NY1406B-CM-T

Erie Canal, Oneida Lake to Cross Lake, New York

Introduction

Coastal Mapping Program (CMP) Project NY1406B-CM-T provides highly accurate digital shoreline data for the Erie Canal extending from Oneida Lake to Cross Lake, including Oswego River to Fulton and Onondaga Lake to Syracuse, in New York. NY1406B-CM-T is a sub-project of a larger project, NY1406-CM-T, which covers nearly the entire Erie Canal, from Lock 4 near Waterford to Tonawanda, NY. The Geographic Cell (GC) may be used in support of the NOAA Nautical Charting Program (NCP) as well as geographic information systems (GIS) for coastal zone management applications.

Project Design

Project NY1406-CM-T was designed per a request from the Marine Chart Division (MCD) of NOAA's Office of Coast Survey for GIS data to support an initiative to develop new charts for the New York State Canal System. Available source data deemed adequate for successful completion of this project included color orthomosaic image tiles from the New York State Digital Ortho-imagery Program (NYSDOP). The orthoimages were collected and processed from April 2010 to May 2013 and have a spatial resolution of 0.2 – 0.6 meters.

Field Operations

Routine CMP field operations did not apply for this project based on the origin of the project imagery, which was obtained from external sources.

Georeferencing

Refinement of the georeferencing of the orthoimage tiles used for compilation was not necessary since image positioning compared favorably spatially with sources used to verify its accuracy, and since an acceptable accuracy assessment was provided for the imagery. The source photography was aerotriangulated and the orthoimage accuracy analysis resulted in a reported circular error of 1.2 – 2.4 meters based on a 95% confidence level (CE95). For further information on the collection and processing of the orthoimagery, including horizontal accuracy, refer to the NYSDOP metadata on file within the RSD Electronic Data Library. All positional data for this project is referenced to the North American Datum of 1983 (NAD 83).

Compilation

The compilation of cartographic feature data for this project was accomplished by a member of the Applications Branch (AB) of the Remote Sensing Division (RSD) in December 2015. Using ESRI ArcGIS desktop GIS software (ver. 10.1), digital feature data was compiled in shapefile format from the orthoimagery. Feature attribution was assigned in compliance with the Coastal Cartographic Object Attribute Source Table (C-COAST), which provides the definition and

attribution scheme for the full range of cartographic features pertinent to the CMP. Selected features were further modified with additional descriptive information to refine general classification.

Spatial data accuracies for Project NY1406B-CM-T were determined according to standard Federal Geographic Data Committee (FGDC) practices. Cartographic features were compiled to meet a horizontal accuracy of 2.4 – 4.8 meters at the 95% confidence level. This predicted accuracy of compiled, well-defined points was derived by doubling the CE95 reported by the image provider. See the Image Sources Table (Appendix 1) for further information on images used. Due to seasonal meteorological conditions and manipulation of water control structures, the water levels of canals, lakes and rivers in the project area may vary, but the waterways are considered to be non-tidal.

Quality Control / Final Review

Quality control tasks were conducted during all phases of project completion by a senior member of AB. The final QC review was completed in December 2015. The review process consisted of an assessment of the identification and attribution of cartographic features according to image analysis and criteria defined in C-COAST. The quality control process concluded with an inspection of topological connectivity within the GC using ArcGIS 10.2.2. All project data was evaluated for compliance to CMP requirements.

Comparisons of the largest scale NOAA nautical chart with source imagery and compiled project data resulted in creation of the Chart Evaluation File (CEF). The following nautical charts were used in the comparison process:

- 14786 New York State Canal System Book Chart, 1:20,000 scale, 14th Ed., Oct. 2008
- 14788 Oneida Lake, Lock 22 to Lock 23, 1:40,000 scale, 19th Ed., Jan. 2006

End Products and Deliverables

The following specifies the location and identification of end products generated during the completion of this project:

Remote Sensing Division Electronic Data Library

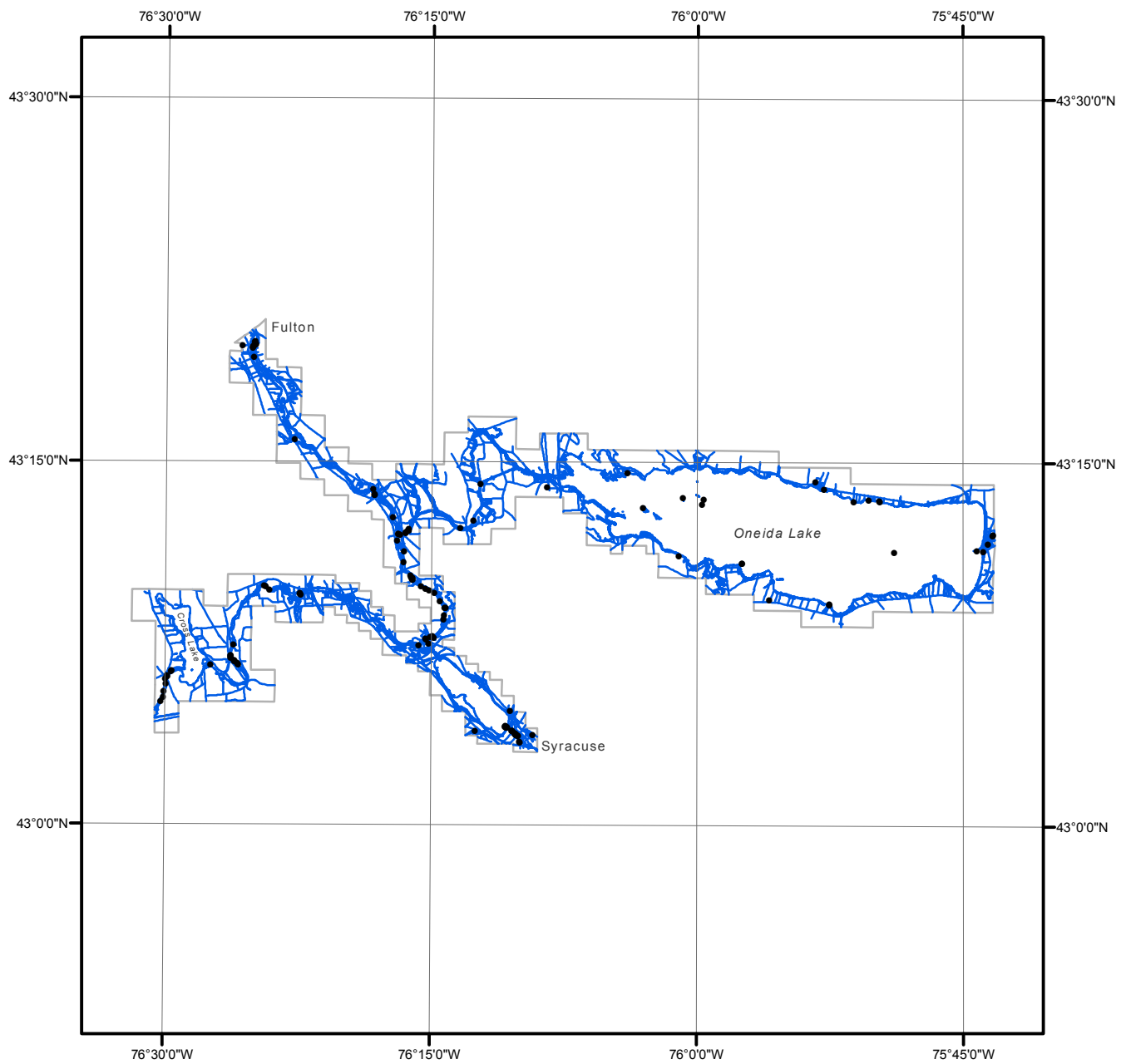
- NYSDOP orthoimage metadata
- Project Completion Report (PCR)
- GC11132 in shapefile format
- Chart Evaluation File in shapefile format

NOAA Shoreline Data Explorer

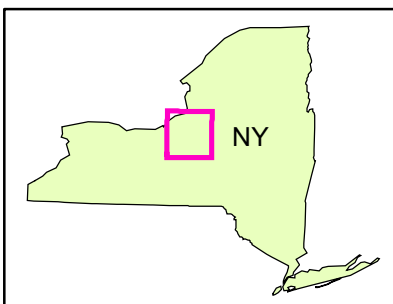
- GC11132 in shapefile format
- Metadata file for GC11132
- Digital copy of the PCR

End of Report

ERIE CANAL, ONEIDA LAKE TO CROSS LAKE NEW YORK



Overview



NY1406B-CM-T

GC11132

Appendix 1

Image Sources Table

Image#	Source (Tile) ID	GSD	Date	Accuracy
1	c_08671152_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m
2	c_08671154_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m
3	c_08701150_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m
4	c_08701152_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m
5	c_08701154_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m
6	c_08731146_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m
7	c_08731148_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m
8	c_08731150_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m
9	c_08731152_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m
10	c_08731154_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m
11	c_08761146_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m
12	c_08761148_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m
13	c_08761150_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m
14	c_08761152_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m
15	c_08761154_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m
16	c_08791148_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m
17	c_08791150_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m
18	c_08791152_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m
19	c_08791154_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m
20	c_08821148_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m
21	c_08821150_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m
22	c_08821152_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m
23	c_08821154_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m
24	c_08851146_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m
25	c_08851148_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m
26	c_08851150_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m
27	c_08851152_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m
28	c_08881144_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m
29	c_08881146_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m
30	c_08881148_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m
31	c_08881150_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m
32	c_08881152_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m
33	c_08881176_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m
34	c_08911142_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m
35	c_08911144_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m
36	c_08911146_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m
37	c_08911148_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m

38	c_08911150_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m
39	c_08911174_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m
40	c_08911176_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m
41	c_08941140_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m
42	c_08941142_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m
43	c_08941144_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m
44	c_08941146_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m
45	c_08941170_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m
46	c_08941172_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m
47	c_08941174_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m
48	c_08941176_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m
49	c_08971136_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m
50	c_08971138_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m
51	c_08971140_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m
52	c_08971142_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m
53	c_08971144_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m
54	c_08971158_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m
55	c_08971160_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m
56	c_08971162_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m
57	c_08971164_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m
58	c_08971166_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m
59	c_08971168_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m
60	c_08971170_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m
61	c_08971172_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m
62	c_08971174_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m
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64	c_09001138_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m
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76	c_09031136_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m
77	c_09031138_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m
78	c_09031140_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m

[illegible]

[illegible]

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162	c_09241118_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m
163	c_09241120_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m
164	c_09241122_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m
165	c_09241124_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m
166	c_09241126_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m
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170	c_09271118_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m
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172	c_09271122_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m
173	c_09271124_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m
174	c_09301112_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m
175	c_09301114_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m
176	c_09301116_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m
177	c_09301118_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m
178	c_09301120_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m
179	c_09331112_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m
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181	c_09331116_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m
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183	c_09331180_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m
184	c_09331182_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m
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186	c_09361180_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m
187	c_09391176_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m
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197	c_09481174_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m
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200	c_09511168_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m
201	c_09511170_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m

202	c_09511172_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m
203	c_09511174_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m
204	c_09541162_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m
205	c_09541164_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m
206	c_09541166_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m
207	c_09541168_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m
208	c_09541170_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m
209	c_09541172_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m
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211	c_09571166_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m
212	c_09571170_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m
213	c_09601164_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m
214	c_09601166_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m
215	c_09631162_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m
216	c_09631164_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m
217	c_09631166_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m
218	c_09661160_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m
219	c_09661162_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m
220	c_09661164_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m
221	c_09691158_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m
222	c_09691160_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m
223	c_09691162_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m
224	c_09721156_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m
225	c_09721158_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m
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227	c_09751156_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m
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229	c_09751160_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m
230	c_09781154_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m
231	c_09781156_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m
232	c_09781158_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m
233	c_09781160_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m
234	c_09811154_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m
235	c_09811156_06_05000_4bd_2012	0.15 m	3/21/2012 - 4/13/2012	1.2 m
236	c_08581214_12_09600_4bd_2011	0.3 m	4/15/2011 - 5/06/2011	1.2 m
237	c_08581216_12_09600_4bd_2011	0.3 m	4/15/2011 - 5/06/2011	1.2 m
238	c_08581218_12_09600_4bd_2011	0.3 m	4/15/2011 - 5/06/2011	1.2 m
239	c_08581220_12_09600_4bd_2011	0.3 m	4/15/2011 - 5/06/2011	1.2 m
240	c_08611204_12_09600_4bd_2011	0.3 m	4/15/2011 - 5/06/2011	1.2 m
241	c_08611206_12_09600_4bd_2011	0.3 m	4/15/2011 - 5/06/2011	1.2 m
242	c_08611208_12_09600_4bd_2011	0.3 m	4/15/2011 - 5/06/2011	1.2 m

243	c_08611210_12_09600_4bd_2011	0.3 m	4/15/2011 - 5/06/2011	1.2 m
244	c_08611212_12_09600_4bd_2011	0.3 m	4/15/2011 - 5/06/2011	1.2 m
245	c_08611214_12_09600_4bd_2011	0.3 m	4/15/2011 - 5/06/2011	1.2 m
246	c_08611216_12_09600_4bd_2011	0.3 m	4/15/2011 - 5/06/2011	1.2 m
247	c_08611218_12_09600_4bd_2011	0.3 m	4/15/2011 - 5/06/2011	1.2 m
248	c_08611220_12_09600_4bd_2011	0.3 m	4/15/2011 - 5/06/2011	1.2 m
249	c_08641204_12_09600_4bd_2011	0.3 m	4/15/2011 - 5/06/2011	1.2 m
250	c_08641206_12_09600_4bd_2011	0.3 m	4/15/2011 - 5/06/2011	1.2 m
251	c_08641208_12_09600_4bd_2011	0.3 m	4/15/2011 - 5/06/2011	1.2 m
252	c_08641210_12_09600_4bd_2011	0.3 m	4/15/2011 - 5/06/2011	1.2 m
253	c_08641212_12_09600_4bd_2011	0.3 m	4/15/2011 - 5/06/2011	1.2 m
254	c_08641214_12_09600_4bd_2011	0.3 m	4/15/2011 - 5/06/2011	1.2 m
255	c_08641216_12_09600_4bd_2011	0.3 m	4/15/2011 - 5/06/2011	1.2 m
256	c_08641218_12_09600_4bd_2011	0.3 m	4/15/2011 - 5/06/2011	1.2 m
257	c_08671202_12_09600_4bd_2011	0.3 m	4/15/2011 - 5/06/2011	1.2 m
258	c_08671204_12_09600_4bd_2011	0.3 m	4/15/2011 - 5/06/2011	1.2 m
259	c_08671206_12_09600_4bd_2011	0.3 m	4/15/2011 - 5/06/2011	1.2 m
260	c_08671208_12_09600_4bd_2011	0.3 m	4/15/2011 - 5/06/2011	1.2 m
261	c_08701200_12_09600_4bd_2011	0.3 m	4/15/2011 - 5/06/2011	1.2 m
262	c_08701202_12_09600_4bd_2011	0.3 m	4/15/2011 - 5/06/2011	1.2 m
263	c_08701204_12_09600_4bd_2011	0.3 m	4/15/2011 - 5/06/2011	1.2 m
264	c_08701206_12_09600_4bd_2011	0.3 m	4/15/2011 - 5/06/2011	1.2 m
265	c_08731200_12_09600_4bd_2011	0.3 m	4/15/2011 - 5/06/2011	1.2 m
266	c_08731202_12_09600_4bd_2011	0.3 m	4/15/2011 - 5/06/2011	1.2 m
267	c_08881176_12_09600_4bd_2011	0.3 m	4/15/2011 - 5/06/2011	1.2 m
268	c_08911176_12_09600_4bd_2011	0.3 m	4/15/2011 - 5/06/2011	1.2 m
269	c_08911178_12_09600_4bd_2011	0.3 m	4/15/2011 - 5/06/2011	1.2 m
270	c_08941172_12_09600_4bd_2011	0.3 m	4/15/2011 - 5/06/2011	1.2 m
271	c_08941174_12_09600_4bd_2011	0.3 m	4/15/2011 - 5/06/2011	1.2 m
272	c_08941176_12_09600_4bd_2011	0.3 m	4/15/2011 - 5/06/2011	1.2 m
273	c_08941178_12_09600_4bd_2011	0.3 m	4/15/2011 - 5/06/2011	1.2 m
274	c_08971168_12_09600_4bd_2011	0.3 m	4/15/2011 - 5/06/2011	1.2 m
275	c_08971170_12_09600_4bd_2011	0.3 m	4/15/2011 - 5/06/2011	1.2 m
276	c_08971172_12_09600_4bd_2011	0.3 m	4/15/2011 - 5/06/2011	1.2 m
277	c_08971174_12_09600_4bd_2011	0.3 m	4/15/2011 - 5/06/2011	1.2 m
278	c_08971176_12_09600_4bd_2011	0.3 m	4/15/2011 - 5/06/2011	1.2 m
279	c_09001166_12_09600_4bd_2011	0.3 m	4/15/2011 - 5/06/2011	1.2 m
280	c_09001168_12_09600_4bd_2011	0.3 m	4/15/2011 - 5/06/2011	1.2 m
281	c_09001170_12_09600_4bd_2011	0.3 m	4/15/2011 - 5/06/2011	1.2 m
282	c_09001172_12_09600_4bd_2011	0.3 m	4/15/2011 - 5/06/2011	1.2 m
283	c_09001176_12_09600_4bd_2011	0.3 m	4/15/2011 - 5/06/2011	1.2 m

284	c_09001178_12_09600_4bd_2011	0.3 m	4/15/2011 - 5/06/2011	1.2 m
285	c_09031166_12_09600_4bd_2011	0.3 m	4/15/2011 - 5/06/2011	1.2 m
286	c_09031168_12_09600_4bd_2011	0.3 m	4/15/2011 - 5/06/2011	1.2 m
287	c_09031170_12_09600_4bd_2011	0.3 m	4/15/2011 - 5/06/2011	1.2 m
288	c_09031172_12_09600_4bd_2011	0.3 m	4/15/2011 - 5/06/2011	1.2 m
289	c_09031174_12_09600_4bd_2011	0.3 m	4/15/2011 - 5/06/2011	1.2 m
290	c_09031176_12_09600_4bd_2011	0.3 m	4/15/2011 - 5/06/2011	1.2 m
291	c_07741088_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
292	c_07741092_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
293	c_07741096_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
294	c_07801088_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
295	c_07801092_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
296	c_07801096_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
297	c_07801100_24_19200_4bd_2010	0.6 m	4/1/2010	2.4 m
298	c_07801100_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
299	c_07801104_24_19200_4bd_2010	0.6 m	4/1/2010	2.4 m
300	c_07801104_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
301	c_07801108_24_19200_4bd_2010	0.6 m	4/1/2010	2.4 m
302	c_07801108_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
303	c_07801112_24_19200_4bd_2010	0.6 m	4/1/2010	2.4 m
304	c_07801112_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
305	c_07861096_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
306	c_07861100_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
307	c_07861104_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
308	c_07861108_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
309	c_07861112_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
310	c_07861116_24_19200_4bd_2010	0.6 m	4/1/2010	2.4 m
311	c_07861116_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
312	c_07921112_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
313	c_07921116_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
314	c_07921120_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
315	c_07981112_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
316	c_07981116_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
317	c_07981120_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
318	c_07981124_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
319	c_08041116_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
320	c_08041120_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
321	c_08041124_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
322	c_08101116_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
323	c_08101120_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
324	c_08161116_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m

325	c_08161120_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
326	c_08161124_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
327	c_08221116_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
328	c_08221120_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
329	c_08221124_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
330	c_08281116_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
331	c_08281120_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
332	c_08341116_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
333	c_08341120_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
334	c_08341124_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
335	c_08341144_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
336	c_08341148_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
337	c_08401116_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
338	c_08401116_24_19200_4bd_2012	0.6 m	4/3/2012 - 4/19/2012	2.4 m
339	c_08401120_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
340	c_08401120_24_19200_4bd_2012	0.6 m	4/3/2012 - 4/19/2012	2.4 m
341	c_08401124_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
342	c_08401124_24_19200_4bd_2012	0.6 m	4/3/2012 - 4/19/2012	2.4 m
343	c_08401128_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
344	c_08401128_24_19200_4bd_2012	0.6 m	4/3/2012 - 4/19/2012	2.4 m
345	c_08401132_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
346	c_08401132_24_19200_4bd_2012	0.6 m	4/3/2012 - 4/19/2012	2.4 m
347	c_08401136_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
348	c_08401140_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
349	c_08401144_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
350	c_08401144_24_19200_4bd_2012	0.6 m	4/3/2012 - 4/19/2012	2.4 m
351	c_08401148_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
352	c_08461124_24_19200_4bd_2012	0.6 m	4/3/2012 - 4/19/2012	2.4 m
353	c_08461128_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
354	c_08461128_24_19200_4bd_2012	0.6 m	4/3/2012 - 4/19/2012	2.4 m
355	c_08461132_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
356	c_08461132_24_19200_4bd_2012	0.6 m	4/3/2012 - 4/19/2012	2.4 m
357	c_08461136_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
358	c_08461136_24_19200_4bd_2012	0.6 m	4/3/2012 - 4/19/2012	2.4 m
359	c_08461140_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
360	c_08461140_24_19200_4bd_2012	0.6 m	4/3/2012 - 4/19/2012	2.4 m
361	c_08461144_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
362	c_08461144_24_19200_4bd_2012	0.6 m	4/3/2012 - 4/19/2012	2.4 m
363	c_08461148_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
364	c_08461148_24_19200_4bd_2012	0.6 m	4/3/2012 - 4/19/2012	2.4 m
365	c_08521124_24_19200_4bd_2012	0.6 m	4/3/2012 - 4/19/2012	2.4 m

366	c_08521128_24_19200_4bd_2012	0.6 m	4/3/2012 - 4/19/2012	2.4 m
367	c_08521132_24_19200_4bd_2012	0.6 m	4/3/2012 - 4/19/2012	2.4 m
368	c_08521136_24_19200_4bd_2012	0.6 m	4/3/2012 - 4/19/2012	2.4 m
369	c_08521140_24_19200_4bd_2012	0.6 m	4/3/2012 - 4/19/2012	2.4 m
370	c_08521144_24_19200_4bd_2012	0.6 m	4/3/2012 - 4/19/2012	2.4 m
371	c_08581124_24_19200_4bd_2012	0.6 m	4/3/2012 - 4/19/2012	2.4 m
372	c_08581128_24_19200_4bd_2012	0.6 m	4/3/2012 - 4/19/2012	2.4 m
373	c_08581132_24_19200_4bd_2012	0.6 m	4/3/2012 - 4/19/2012	2.4 m
374	c_08581136_24_19200_4bd_2012	0.6 m	4/3/2012 - 4/19/2012	2.4 m
375	c_08581140_24_19200_4bd_2012	0.6 m	4/3/2012 - 4/19/2012	2.4 m
376	c_08581144_24_19200_4bd_2012	0.6 m	4/3/2012 - 4/19/2012	2.4 m
377	c_08581148_24_19200_4bd_2012	0.6 m	4/3/2012 - 4/19/2012	2.4 m
378	c_08581152_24_19200_4bd_2012	0.6 m	4/3/2012 - 4/19/2012	2.4 m
379	c_08581204_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
380	c_08581208_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
381	c_08641124_24_19200_4bd_2012	0.6 m	4/3/2012 - 4/19/2012	2.4 m
382	c_08641128_24_19200_4bd_2012	0.6 m	4/3/2012 - 4/19/2012	2.4 m
383	c_08641148_24_19200_4bd_2012	0.6 m	4/3/2012 - 4/19/2012	2.4 m
384	c_08641152_24_19200_4bd_2012	0.6 m	4/3/2012 - 4/19/2012	2.4 m
385	c_08641196_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
386	c_08641200_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
387	c_08701144_24_19200_4bd_2012	0.6 m	4/3/2012 - 4/19/2012	2.4 m
388	c_08701148_24_19200_4bd_2012	0.6 m	4/3/2012 - 4/19/2012	2.4 m
389	c_08701152_24_19200_4bd_2012	0.6 m	4/3/2012 - 4/19/2012	2.4 m
390	c_08701184_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
391	c_08701188_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
392	c_08701192_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
393	c_08701196_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
394	c_08701200_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
395	c_08701204_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
396	c_08761144_24_19200_4bd_2012	0.6 m	4/3/2012 - 4/19/2012	2.4 m
397	c_08761180_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
398	c_08761184_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
399	c_08761188_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
400	c_08761192_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
401	c_08821176_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
402	c_08821176_24_19200_4bd_2012	0.6 m	4/3/2012 - 4/19/2012	2.4 m
403	c_08821180_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
404	c_08821184_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
405	c_08881172_24_19200_4bd_2012	0.6 m	4/3/2012 - 4/19/2012	2.4 m
406	c_08881176_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m

407	c_08881176_24_19200_4bd_2012	0.6 m	4/3/2012 - 4/19/2012	2.4 m
408	c_08881180_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
409	c_08941172_24_19200_4bd_2012	0.6 m	4/3/2012 - 4/19/2012	2.4 m
410	c_08941176_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
411	c_08941176_24_19200_4bd_2012	0.6 m	4/3/2012 - 4/19/2012	2.4 m
412	c_09001168_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
413	c_09001168_24_19200_4bd_2012	0.6 m	4/3/2012 - 4/19/2012	2.4 m
414	c_09001172_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
415	c_09001172_24_19200_4bd_2012	0.6 m	4/3/2012 - 4/19/2012	2.4 m
416	c_09001176_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
417	c_09001176_24_19200_4bd_2012	0.6 m	4/3/2012 - 4/19/2012	2.4 m
418	c_09001180_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
419	c_09001180_24_19200_4bd_2012	0.6 m	4/3/2012 - 4/19/2012	2.4 m
420	c_09061168_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
421	c_09061168_24_19200_4bd_2012	0.6 m	4/3/2012 - 4/19/2012	2.4 m
422	c_09061172_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
423	c_09061172_24_19200_4bd_2012	0.6 m	4/3/2012 - 4/19/2012	2.4 m
424	c_09061176_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
425	c_09061176_24_19200_4bd_2012	0.6 m	4/3/2012 - 4/19/2012	2.4 m
426	c_09061180_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
427	c_09061180_24_19200_4bd_2012	0.6 m	4/3/2012 - 4/19/2012	2.4 m
428	c_09121164_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
429	c_09121164_24_19200_4bd_2012	0.6 m	4/3/2012 - 4/19/2012	2.4 m
430	c_09121168_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
431	c_09121168_24_19200_4bd_2012	0.6 m	4/3/2012 - 4/19/2012	2.4 m
432	c_09121172_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
433	c_09121176_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
434	c_09121180_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
435	c_09121184_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
436	c_09121188_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
437	c_09181164_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
438	c_09181164_24_19200_4bd_2012	0.6 m	4/3/2012 - 4/19/2012	2.4 m
439	c_09181168_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
440	c_09181168_24_19200_4bd_2012	0.6 m	4/3/2012 - 4/19/2012	2.4 m
441	c_09181172_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
442	c_09181172_24_19200_4bd_2012	0.6 m	4/3/2012 - 4/19/2012	2.4 m
443	c_09181176_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
444	c_09181176_24_19200_4bd_2012	0.6 m	4/3/2012 - 4/19/2012	2.4 m
445	c_09181180_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
446	c_09181180_24_19200_4bd_2012	0.6 m	4/3/2012 - 4/19/2012	2.4 m
447	c_09181184_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m

448	c_09181184_24_19200_4bd_2012	0.6 m	4/3/2012 - 4/19/2012	2.4 m
449	c_09181188_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
450	c_09181188_24_19200_4bd_2012	0.6 m	4/3/2012 - 4/19/2012	2.4 m
451	c_09181192_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
452	c_09181192_24_19200_4bd_2012	0.6 m	4/3/2012 - 4/19/2012	2.4 m
453	c_09241168_24_19200_4bd_2012	0.6 m	4/3/2012 - 4/19/2012	2.4 m
454	c_09241172_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
455	c_09241172_24_19200_4bd_2012	0.6 m	4/3/2012 - 4/19/2012	2.4 m
456	c_09241176_24_19200_4bd_2012	0.6 m	4/3/2012 - 4/19/2012	2.4 m
457	c_09241180_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
458	c_09241180_24_19200_4bd_2012	0.6 m	4/3/2012 - 4/19/2012	2.4 m
459	c_09241184_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
460	c_09241184_24_19200_4bd_2012	0.6 m	4/3/2012 - 4/19/2012	2.4 m
461	c_09241188_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
462	c_09241188_24_19200_4bd_2012	0.6 m	4/3/2012 - 4/19/2012	2.4 m
463	c_09241192_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
464	c_09301176_24_19200_4bd_2012	0.6 m	4/3/2012 - 4/19/2012	2.4 m
465	c_09301180_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
466	c_09301180_24_19200_4bd_2012	0.6 m	4/3/2012 - 4/19/2012	2.4 m
467	c_09301184_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
468	c_09301184_24_19200_4bd_2012	0.6 m	4/3/2012 - 4/19/2012	2.4 m
469	c_09361176_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
470	c_09361180_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
471	c_09361184_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
472	c_09361188_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
473	c_09421172_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
474	c_09421176_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
475	c_09421180_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
476	c_09421184_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
477	c_09421188_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
478	c_09481164_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
479	c_09481168_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
480	c_09481172_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
481	c_09481176_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
482	c_09481180_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
483	c_09481184_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
484	c_09541164_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
485	c_09541168_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
486	c_09541172_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
487	c_09541176_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
488	c_09541180_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m

489	c_09541184_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
490	c_09601164_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
491	c_09601168_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
492	c_09601172_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
493	c_09601176_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
494	c_09601180_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
495	c_09601184_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
496	c_09661156_24_19200_4bd_2012	0.6 m	4/3/2012 - 4/19/2012	2.4 m
497	c_09661160_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
498	c_09661164_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
499	c_09661168_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
500	c_09661172_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
501	c_09661176_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
502	c_09661180_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
503	c_09661184_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
504	c_09721156_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
505	c_09721156_24_19200_4bd_2013	0.6 m	5/6/2013	1.2 m
506	c_09721160_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
507	c_09721160_24_19200_4bd_2013	0.6 m	5/6/2013	1.2 m
508	c_09721164_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
509	c_09721168_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
510	c_09721172_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
511	c_09721176_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
512	c_09721180_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
513	c_09721184_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
514	c_09781152_24_19200_4bd_2013	0.6 m	5/6/2013	1.2 m
515	c_09781156_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
516	c_09781156_24_19200_4bd_2013	0.6 m	5/6/2013	1.2 m
517	c_09781160_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
518	c_09781160_24_19200_4bd_2013	0.6 m	5/6/2013	1.2 m
519	c_09781164_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
520	c_09781168_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
521	c_09781172_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
522	c_09781176_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
523	c_09781180_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
524	c_09781184_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
525	c_09841152_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
526	c_09841152_24_19200_4bd_2013	0.6 m	5/6/2013	1.2 m
527	c_09841156_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
528	c_09841156_24_19200_4bd_2013	0.6 m	5/6/2013	1.2 m
529	c_09841160_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m

530	c_09841164_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
531	c_09841168_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
532	c_09841172_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
533	c_09841176_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
534	c_09841180_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
535	c_09841184_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
536	c_09901148_24_19200_4bd_2013	0.6 m	5/6/2013	1.2 m
537	c_09901152_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
538	c_09901152_24_19200_4bd_2013	0.6 m	5/6/2013	1.2 m
539	c_09901156_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
540	c_09901156_24_19200_4bd_2013	0.6 m	5/6/2013	1.2 m
541	c_09901160_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
542	c_09901164_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
543	c_09901168_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
544	c_09901172_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
545	c_09901176_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
546	c_09901180_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
547	c_09901184_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
548	c_09961148_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
549	c_09961148_24_19200_4bd_2013	0.6 m	5/6/2013	1.2 m
550	c_09961152_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
551	c_09961152_24_19200_4bd_2013	0.6 m	5/6/2013	1.2 m
552	c_09961156_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
553	c_09961160_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
554	c_09961164_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
555	c_09961168_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
556	c_09961172_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
557	c_09961176_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
558	c_09961180_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
559	c_10021144_24_19200_4bd_2013	0.6 m	5/6/2013	1.2 m
560	c_10021148_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
561	c_10021148_24_19200_4bd_2013	0.6 m	5/6/2013	1.2 m
562	c_10021152_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
563	c_10021152_24_19200_4bd_2013	0.6 m	5/6/2013	1.2 m
564	c_10021156_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
565	c_10021156_24_19200_4bd_2013	0.6 m	5/6/2013	1.2 m
566	c_10021160_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
567	c_10021160_24_19200_4bd_2013	0.6 m	5/6/2013	1.2 m
568	c_10021164_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
569	c_10021164_24_19200_4bd_2013	0.6 m	5/6/2013	1.2 m
570	c_10021168_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m

571	c_10021168_24_19200_4bd_2013	0.6 m	5/6/2013	1.2 m
572	c_10021172_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
573	c_10021176_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
574	c_10021180_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
575	c_10081144_24_19200_4bd_2013	0.6 m	5/6/2013	1.2 m
576	c_10081148_24_19200_4bd_2013	0.6 m	5/6/2013	1.2 m
577	c_10081152_24_19200_4bd_2013	0.6 m	5/6/2013	1.2 m
578	c_10081156_24_19200_4bd_2013	0.6 m	5/6/2013	1.2 m
579	c_10081160_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
580	c_10081160_24_19200_4bd_2013	0.6 m	5/6/2013	1.2 m
581	c_10081164_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
582	c_10081164_24_19200_4bd_2013	0.6 m	5/6/2013	1.2 m
583	c_10081168_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
584	c_10081168_24_19200_4bd_2013	0.6 m	5/6/2013	1.2 m
585	c_10081172_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
586	c_10081172_24_19200_4bd_2013	0.6 m	5/6/2013	1.2 m
587	c_10081176_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
588	c_10081176_24_19200_4bd_2013	0.6 m	5/6/2013	1.2 m
589	c_10081180_24_19200_4bd_2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
590	c_10081180_24_19200_4bd_2013	0.6 m	5/6/2013	1.2 m
591	c_10141144_24_19200_4bd_2013	0.6 m	5/6/2013	1.2 m
592	c_10141148_24_19200_4bd_2013	0.6 m	5/6/2013	1.2 m
593	c_10141152_24_19200_4bd_2013	0.6 m	5/6/2013	1.2 m
594	c_10141156_24_19200_4bd_2013	0.6 m	5/6/2013	1.2 m
595	c_10141160_24_19200_4bd_2013	0.6 m	5/6/2013	1.2 m
596	c_10141164_24_19200_4bd_2013	0.6 m	5/6/2013	1.2 m
597	c_10141168_24_19200_4bd_2013	0.6 m	5/6/2013	1.2 m
598	c_10141172_24_19200_4bd_2013	0.6 m	5/6/2013	1.2 m
599	c_10141176_24_19200_4bd_2013	0.6 m	5/6/2013	1.2 m
600	c_10201148_24_19200_4bd_2013	0.6 m	5/6/2013	1.2 m
601	c_10201152_24_19200_4bd_2013	0.6 m	5/6/2013	1.2 m
602	c_10201156_24_19200_4bd_2013	0.6 m	5/6/2013	1.2 m
603	c_10201160_24_19200_4bd_2013	0.6 m	5/6/2013	1.2 m
604	c_10201164_24_19200_4bd_2013	0.6 m	5/6/2013	1.2 m
605	c_10201168_24_19200_4bd_2013	0.6 m	5/6/2013	1.2 m
606	c_10201172_24_19200_4bd_2013	0.6 m	5/6/2013	1.2 m
607	c_10201176_24_19200_4bd_2013	0.6 m	5/6/2013	1.2 m
608	c_10261148_24_19200_4bd_2013	0.6 m	5/6/2013	1.2 m
609	c_10261152_24_19200_4bd_2013	0.6 m	5/6/2013	1.2 m
610	c_10261156_24_19200_4bd_2013	0.6 m	5/6/2013	1.2 m
611	c_10261160_24_19200_4bd_2013	0.6 m	5/6/2013	1.2 m

612	c_10261164_24_19200_4bd_2013	0.6 m	5/6/2013	1.2 m
613	c_10261168_24_19200_4bd_2013	0.6 m	5/6/2013	1.2 m
614	c_10261172_24_19200_4bd_2013	0.6 m	5/6/2013	1.2 m
615	c_10261176_24_19200_4bd_2013	0.6 m	5/6/2013	1.2 m
616	c_10321148_24_19200_4bd_2013	0.6 m	5/6/2013	1.2 m
617	c_10321152_24_19200_4bd_2013	0.6 m	5/6/2013	1.2 m
618	c_10321156_24_19200_4bd_2013	0.6 m	5/6/2013	1.2 m
619	c_10321160_24_19200_4bd_2013	0.6 m	5/6/2013	1.2 m
620	c_10321164_24_19200_4bd_2013	0.6 m	5/6/2013	1.2 m
621	c_10321168_24_19200_4bd_2013	0.6 m	5/6/2013	1.2 m
622	c_10321172_24_19200_4bd_2013	0.6 m	5/6/2013	1.2 m
623	c_10321176_24_19200_4bd_2013	0.6 m	5/6/2013	1.2 m
624	c_10381148_24_19200_4bd_2013	0.6 m	5/6/2013	1.2 m
625	c_10381152_24_19200_4bd_2013	0.6 m	5/6/2013	1.2 m
626	c_10381156_24_19200_4bd_2013	0.6 m	5/6/2013	1.2 m
627	c_10381160_24_19200_4bd_2013	0.6 m	5/6/2013	1.2 m
628	c_10381164_24_19200_4bd_2013	0.6 m	5/6/2013	1.2 m
629	c_10381168_24_19200_4bd_2013	0.6 m	5/6/2013	1.2 m
630	c_10381172_24_19200_4bd_2013	0.6 m	5/6/2013	1.2 m
631	c_10381176_24_19200_4bd_2013	0.6 m	5/6/2013	1.2 m
632	c_10441148_24_19200_4bd_2013	0.6 m	5/6/2013	1.2 m
633	c_10441152_24_19200_4bd_2013	0.6 m	5/6/2013	1.2 m
634	c_10441156_24_19200_4bd_2013	0.6 m	5/6/2013	1.2 m
635	c_10441160_24_19200_4bd_2013	0.6 m	5/6/2013	1.2 m
636	c_10441164_24_19200_4bd_2013	0.6 m	5/6/2013	1.2 m
637	c_10441168_24_19200_4bd_2013	0.6 m	5/6/2013	1.2 m
638	c_10441172_24_19200_4bd_2013	0.6 m	5/6/2013	1.2 m
639	c_10441176_24_19200_4bd_2013	0.6 m	5/6/2013	1.2 m
640	c_10501160_24_19200_4bd_2013	0.6 m	5/6/2013	1.2 m
641	c_10501164_24_19200_4bd_2013	0.6 m	5/6/2013	1.2 m
642	c_10501168_24_19200_4bd_2013	0.6 m	5/6/2013	1.2 m