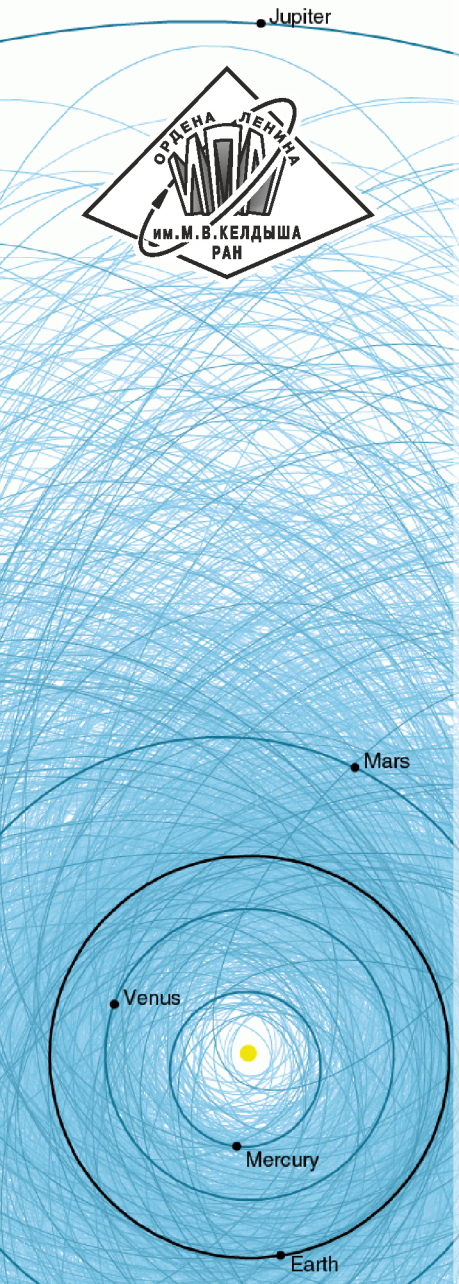
ОРДЕНА ЛЕНИНА
ИНСТИТУТ ПРИКЛАДНОЙ МАТЕМАТИКИ
ИМЕНИ М.В. КЕЛДЫША
РОССИЙСКОЙ АКАДЕМИИ НАУК

Бюллетень № 14-11 (8)

11-я лунация 2014 г.
06.10.14 – 04.11.14



АСТЕРОИДНО-КОМЕТНАЯ ОПАСНОСТЬ

Москва – 2014

Астероидно-кометная опасность

Asteroid-Comet Hazard

Издается с 2014 года

В бюллетене публикуются и анализируются данные по лунациям об астероидно-кометной опасности в околоземном космическом пространстве.

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I. ВВЕДЕНИЕ

За прошедшую лунацию, основными средствами контроля АКО являлись два обзорных телескопа проекта Каталина (Mt. Lemmon и Catalina). В общем, ими было получено свыше 650000 измерений. Pan-STARRS 1 работал по задаче АКО меньшее количество времени чем в прошлую лунацию, с чем это связано - неизвестно. Стоит отметить активизацию работы по поиску и обнаружению АСЗ телескопом Space Surveillance Telescope (SST), предназначенным, главным образом, для военных задач контроля околоземного пространства.

За отчетный период зафиксировано два тесных сближения с Землей. Астероид 2014 UU56, 19 октября сблизился до 260 300 км. 10-метровый астероид был обнаружен спустя 5 суток после пролета. АСЗ 2014 UF56 сблизился с Землей 27 октября, пройдя на расстоянии 164 600 км. Объект диаметром порядка 15 метров был обнаружен с характерным временем упреждения для АСЗ подобного размера - 2.6 суток. Сверхтесных сближений данных АСЗ до 2050 года не предвидится.

Телескопы сети НСОИ АФН продолжают свои наблюдения в рамках проблематики АКО. Детальная информация представлена в соответствующих разделах. Напоминаем, что вся статистическая информация основана на публичных данных Центра малых планет (Гарвард, США) и доступна по адресу *http://minorplanetcenter.net/iau/ECS/MPCArchive/MPCArchive_TBL.html*

II. ОБЩАЯ СТАТИСТИКА ИЗМЕРЕНИЙ МАЛЫХ ТЕЛ СОЛНЕЧНОЙ СИСТЕМЫ

№	Код MPC	Измерений	Объектов	Открыто	Обсерватория
1.	G96	332379	55169	3097	Mt. Lemmon Survey
2.	703	325610	47820	330	Catalina Sky Survey
3.	F51	217443	50871	1125	Pan-STARRS 1
4.	691	175086	25695	2199	Spacewatch
5.	I41	58707	6059	51	Palomar Mountain--PTF
6.	G45	36588	7511	0	Space Surveillance Telescope
7.	C51	24938	1164	16	WISE
8.	J43	19634	3534	36	Oukaimeden Observatory
9.	**H15**	**16147**	**4049**	**20**	**ISON-NM Observatory**
10.	926	13556	4380	18	Tenagra II Observatory
11.	461	4341	792	5	University of Szeged, Konkoly
12.	C41	3320	868	1	MASTER-II Observatory, Kislovodsk
13.	291	3248	794	3	LPL/Spacewatch II
14.	H21	1605	344	8	Astronomical Research Observatory
15.	H07	1479	437	12	7300 Observatory
16.	644	1369	343	0	Palomar Mountain/NEAT
17.	Y00	1329	397	2	SONEAR Observatory
18.	C94	1150	334	0	MASTER-II Observatory, Tunka
19.	**D00**	**829**	**206**	**0**	**ISON-Kislovodsk Observatory**
20.	807	818	241	1	Cerro Tololo Observatory
21.	246	805	104	0	Klet Observatory-KLENOT
22.	W84	771	129	2	Cerro Tololo-DECam
23.	E12	743	141	0	Siding Spring Survey
24.	645	719	296	0	Apache Point-Sloan Digital Sky Survey
25.	G36	660	80	0	Calar Alto-CASADO
26.	699	539	124	0	Lowell Observatory-LONEOS
27.	160	514	79	0	Castelmartini
28.	673	503	162	0	Table Mountain Observatory
29.	568	484	148	0	Mauna Kea
30.	D95	463	117	0	Kurihara
176.	**O75**	**8**	**3**	**0**	**ISON-Hureltogoot Observatory**
200.	**A50**	**4**	**1**	**0**	**Andrushivka Astronomical Observatory**

III. ОБЩАЯ СТАТИСТИКА ПО КОЛИЧЕСТВУ ОТКРЫТЫХ ОБЪЕКТОВ

№	Код MPC	Измерений	Объектов	Открыто	Обсерватория
1.	G96	332379	55169	3097	Mt. Lemmon Survey
2.	691	175086	25695	2199	Spacewatch
3.	F51	217443	50871	1125	Pan-STARRS 1
4.	703	325610	47820	330	Catalina Sky Survey
5.	I41	58707	6059	51	Palomar Mountain--PTF
6.	J43	19634	3534	36	Oukaimeden Observatory
7.	Q62	360	103	34	iTelescope Observatory, Siding Spring
8.	B74	348	47	26	Santa Maria de Montmagastrell
9.	C85	318	26	22	Observatorio Cala d'Hort
10.	**H15**	**16147**	**4049**	**20**	**ISON-NM Observatory**
11.	926	13556	4380	18	Tenagra II Observatory
12.	C51	24938	1164	16	WISE
13.	H07	1479	437	12	7300 Observatory
14.	H21	1605	344	8	Astronomical Research Observatory
15.	W86	100	20	6	Cerro Tololo-LCOGT B
	G32	396	60	6	Elena Remote Observatory
16.	P34	42	7	5	Lvye Observatory
	461	4341	792	5	University of Szeged, Konkoly
17.	106	228	57	4	Crni Vrh
18.	291	3248	794	3	LPL/Spacewatch II
	621	118	34	3	Bergisch Gladbach
	W87	199	50	3	Cerro Tololo-LCOGT C
19.	G37	198	99	2	Discovery Channel Telescope
	H06	117	34	2	iTelescope Observatory, Mayhill
	954	31	6	2	Teide Observatory
	L04	105	23	2	ROASTERR-1 Observatory
	H36	291	73	2	Sandlot Observatory
	D03	119	31	2	Rantiga Osservatorio
	Y00	1329	397	2	SONEAR Observatory
	W84	771	129	2	Cerro Tololo-DECam
	W85	18	5	2	Cerro Tololo-LCOGT A
	I93	212	64	2	St Pardon de Conques
20.	C41	3320	868	1	MASTER-II Observatory, Kislovodsk
	807	818	241	1	Cerro Tololo Observatory
	118	197	52	1	Astronomical and Geophysical Obs.
	L51	3	1	1	MARGO
	N87	56	5	1	Nanshan Station

20.	A13	248	83	1	Observatoire Naef
	W84	134	42	1	Cerro Tololo-DECam
	G98	124	19	1	Calvin-Rehoboth Observatory
	106	56	14	1	Crni Vrh
	333	131	44	1	Desert Eagle Observatory
	675	27	6	1	Palomar Mountain
	I93	155	49	1	St Pardon de Conques
	E16	2	1	1	Grove Creek Observatory
	H36	217	65	1	Sandlot Observatory
	C41	999	269	1	MASTER-II Observatory, Kislovodsk

IV. СТАТИСТИКА ПО ОТКРЫТЫМ АСЗ

	Количество	**Потенциально опасные**	**Атира**	**Атоны**	**Аполлонцы**	**Амуры**
Лунация	137	4	0	6	61	70
Всего	**11 738**	**1 531**	**21**	**871**	**5 812**	**5 034**

V. ТЕСНЫЕ СБЛИЖЕНИЯ АСЗ С ЗЕМЛЕЙ

Обозначение	**Дата**	**Δ, *км***	**MOID, а. е.**	**V_3, *км/с***	**m_0**	**H**	**D, *м***	**E**	**Δt, *сутки***	**Сем-во**
2014 UU56	2014-10-19.47698	260 300	0.0004	7.759	20.5V	28.3	5-13	173.1	-4.84753	Аполлон
2014 UF56	2014-10-27.89560	164 600	0.0003	12.609	19.3V	27.4	8-19	154.3	2.67218	Аполлон

Δ - расстояние до Земли; MOID - минимальная дистанция пересечения орбит; V_3 - скорость относительно Земли; m_0 - блеск в момент обнаружения; H - абсолютная величина; D - диаметр (при ρ=0.05-0.3); E - элонгация; Δt - время упреждения (дата обнаружения относительно даты минимального сближения с Землей)

2014 UU56

```
Эпоха 2014 декабрь 9.0 TT = JDT 2457000.5

M  97.40104              (2000.0)            P               Q

n   0.85081070     Peri.  100.78724     +0.53522378     +0.84470780           T = 2456886.01973 JDT

a   1.1030133      Node   201.57223     -0.77717727     +0.49147762           q = 0.8129963

e   0.2629315      Incl.    0.32070     -0.33095466     +0.21193980        MOID = 0.00037 a.e.

П   1.16           H   28.3          G   0.15          U   6
```

2014 UF56

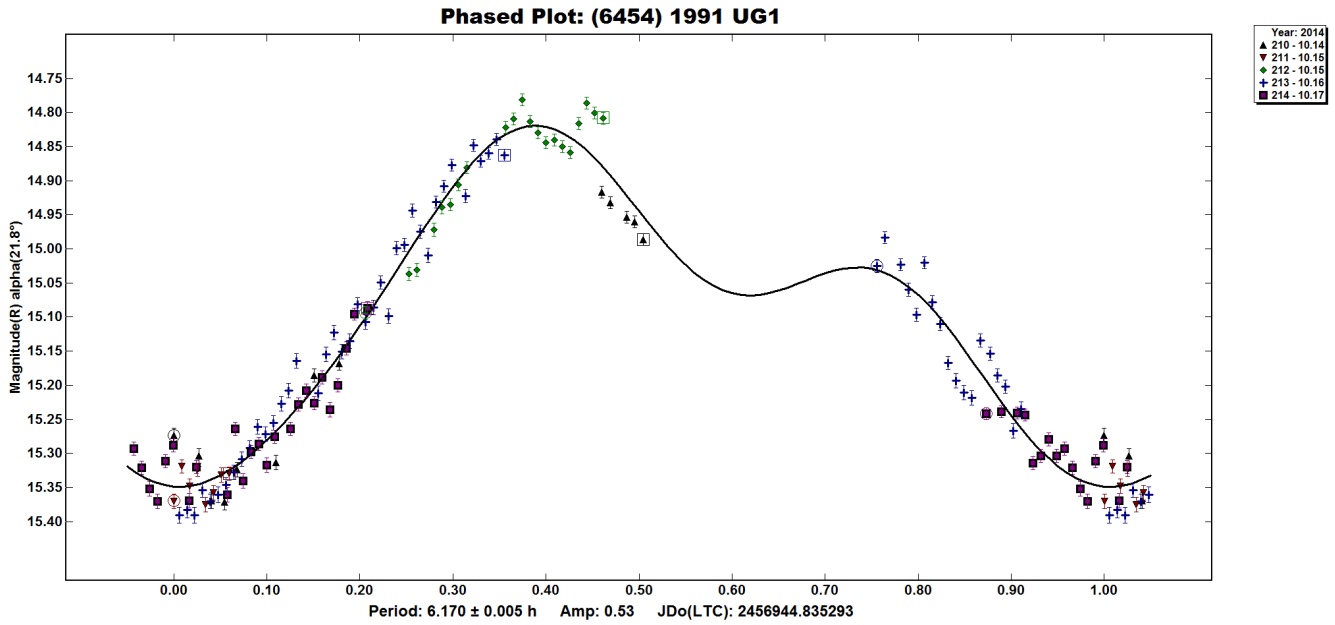
```
Эпоха 2014 декабрь 9.0 TT = JDT 2457000.5

M   2.45958              (2000.0)            P               Q

n   0.31863661     Peri.  227.28751     +0.13680602     -0.99055399          T = 2456992.78092 JDT

a   2.1229459      Node   214.85266     +0.91355697     +0.12979932          q = 0.8712160

e   0.5896193      Incl.    0.93468     +0.38301146     +0.04421454       MOID = 0.00024 a.e.

П   3.09           H   27.4           G   0.15          U   6
```

M - средняя аномалия; n - среднее суточное движение (град./сутки); a - большая полуось; e - эксцентриситет; П - период (годы); Peri. - аргумент перигелия; Node - долгота восходящего узла; Incl. - наклонение; H - абсолютная звездная величина; P, Q - вектора экваториальных компонент; G - фазовая зависимость блеска; T - дата перигелия; q - расстояние перигелия; MOID - минимальная дистанция между орбитами астероида и Земли; U - параметр точности определения орбиты

VI. ФОТОМЕТРИЯ АСЗ

Обозначение	Дата начала наблюдений	Дата окончания наблюдений	Телескоп	Фильтр	Θ_0, град	Θ_1, град	Δ_0, а.е.	Δ_1, а.е.	P, ч	A
2001 UG1	2014-10-14.33671	2014-10-17.47848	Сантел-400	R	21.8	20.4	0.986	0.978	6.170	0.53

Θ - фазовый угол в t_0 и t_1; Δ - расстояние до Земли в t_0 и t_1; P - период обращения вокруг своей оси; A - амплитуда



VII. ДАННЫЕ РАДИОЛОКАЦИИ АСЗ

Обозначение	*	Дата начала наблюдений	Дата окончания наблюдений	Обсерватория	D, м	Δ_0, а.е.	Δ_1, а.е.	P, *кВт*
2001 EA16		2014-10-09	2014-10-09	Голдстоун	1 400	0.100↑	0.100↑	440
		2014-10-11	2014-10-14	Аресибо		0.114↑	0.143↑	400
(2340) Hathor	PHA	2014-10-20	2014-10-23	Голдстоун	1 400	0.049↓	0.049↑	440
		2014-10-14	2014-09-29	Аресибо		0.070↓	0.070↑	400
2014 SM143	PHA	2014-10-17	2014-10-23	Голдстоун	280	0.044↓	0.043↑	440
2014 SC324		2014-10-22	2014-10-24	Голдстоун	40	0.015↓	0.006↓	440

** - PHA - потенциально опасный объект; B - двойная система; ND - не обнаружен; D - диаметр; Δ - расстояние до Земли в t_0 и t_1; P - мощность излучателя*

VIII. АСТРОМЕТРИЯ АСЗ

ISON-Kislovodsk (D00)

```
P6412          C2014 10 20.89931 03 31 52.15 +30 23 10.5          19.7 Vq~1BLFD00
P6412          C2014 10 20.91000 03 31 51.11 +30 23 22.3          19.5 Vq~1BLFD00
P6412          C2014 10 20.92075 03 31 49.99 +30 23 35.0          19.5 Vq~1BLFD00
P6412          C2014 10 20.93142 03 31 48.94 +30 23 46.6          19.6 Vq~1BLFD00
```

ISON-NM (H15)

```
     K14T33Y KC2014 10 12.26665 01 00 18.43 -07 44 36.6          15.8 Rq~1AceH15
     K14T33Y KC2014 10 12.27614 01 00 26.15 -07 48 07.6          16.1 Rq~1AceH15
     K14T33Y KC2014 10 12.29537 01 00 41.81 -07 55 14.2          16.1 Rq~1AceH15
     K07T25G  C2014 10 24.07986 01 03 06.66 +03 50 00.0          19.8 Rq~1AyBH15
     K07T25G  C2014 10 24.09080 01 03 06.21 +03 50 01.9          19.2 Rq~1AyBH15
     K07T25G  C2014 10 24.10242 01 03 05.79 +03 50 05.4          19.0 Rq~1AyBH15
     K07T25G  C2014 10 24.11337 01 03 05.30 +03 50 08.5          18.9 Rq~1AyBH15
     K10M01F  C2014 10 25.21343 02 41 44.10 +40 00 52.8          19.2 Rq~1BRLH15
     K10M01F  C2014 10 25.22436 02 41 42.84 +40 00 40.8          19.4 Rq~1BRLH15
     K10M01F  C2014 10 25.23530 02 41 41.78 +40 00 29.8          20.0 Rq~1BRLH15
     K10M01F  C2014 10 25.24637 02 41 40.53 +40 00 17.4          19.4 Rq~1BRLH15
G3818          C2014 10 25.41566 07 34 20.99 +42 49 13.0          17.5 Ro~1BmPH15
G3818          C2014 10 25.42660 07 34 28.51 +42 48 37.6          17.3 Ro~1BmPH15
G3818          C2014 10 25.43770 07 34 36.12 +42 48 01.4          17.7 Ro~1BmPH15
     K14T57X  C2014 10 29.07090 01 13 53.05 +38 07 30.5          18.4 Rq~1BUOH15
     K14T57X  C2014 10 29.08134 01 13 54.08 +38 07 17.5          18.3 Rq~1BUOH15
     K14T57X  C2014 10 29.09231 01 13 54.97 +38 07 04.7          18.0 Rq~1BUOH15
     K14T57X  C2014 10 29.10324 01 13 55.91 +38 06 50.4          18.2 Rq~1BUOH15
```

```
G3818         C2014 10 30.47703 08 34 35.69 +36 31 37.2          16.9 Rq~1BmPH15
G3818         C2014 10 30.47773 08 34 36.19 +36 31 33.2          16.6 Rq~1BmPH15
G3818         C2014 10 30.47844 08 34 36.67 +36 31 29.2          16.2 Rq~1BmPH15
96744         C2014 10 31.15758 01 34 17.54 -01 49 52.9          18.4 Rq~1C2XH15
N5086         C2014 10 31.16009 01 30 57.87 -05 33 35.9          19.3 Rq~1C4cH15
96744         C2014 10 31.16836 01 34 16.74 -01 49 59.6          18.2 Rq~1C2XH15
N5086         C2014 10 31.17096 01 30 57.42 -05 33 36.4          18.5 Rq~1C4cH15
F9560         C2014 10 31.17365 01 37 00.61 -03 46 31.3          17.8 Rq~1C3fH15
96744         C2014 10 31.17969 01 34 15.90 -01 50 07.2          18.5 Rq~1C2XH15
N5086         C2014 10 31.18223 01 30 56.96 -05 33 37.0          18.5 Rq~1C4cH15
F9560         C2014 10 31.18494 01 36 59.35 -03 46 15.4          17.6 Rq~1C3fH15
96744         C2014 10 31.19044 01 34 15.12 -01 50 13.9          18.7 Rq~1C2XH15
N5086         C2014 10 31.19302 01 30 56.43 -05 33 37.0          18.9 Rq~1C4cH15
F9560         C2014 10 31.19560 01 36 58.20 -03 46 01.1          18.0 Rq~1C3fH15
02201         C2014 10 31.20187 01 32 23.00 +06 28 56.2          18.4 Rq~1BXYH15
02201         C2014 10 31.21267 01 32 22.02 +06 28 50.8          18.3 Rq~1BXYH15
02201         C2014 10 31.22432 01 32 21.00 +06 28 45.8          18.3 Rq~1BXYH15
02201         C2014 10 31.23507 01 32 20.10 +06 28 40.6          18.5 Rq~1BXYH15
```

ISON-Hureltogoot (O75)

```
     K14U57D  C2014 10 25.70205 00 26 44.38 +04 48 38.7               q~1BVJO75
     K14U57D  C2014 10 25.70883 00 26 59.58 +04 49 51.2               q~1BVJO75
```

IX. ОБОБЩЕННЫЕ РЕЗУЛЬТАТЫ

В ходе прошедшей лунации (06.10.14 - 04.11.14), обсерваториями НСОИ АФН, участвующими в наблюдениях малых тел Солнечной системы получено 17 020 позиционных измерения. По общему количеству измерений и открытых объектов, среди всех наблюдателей, обсерватория ISON-NM заняла 9 и 10 места соответственно. В целом, всеми обсерваториями были открыты 137 АСЗ, в том числе 4 потенциально опасных. Общее количество известных АСЗ на данный момент - 11 738 из них потенциально опасных - 1 531 (13.0%).

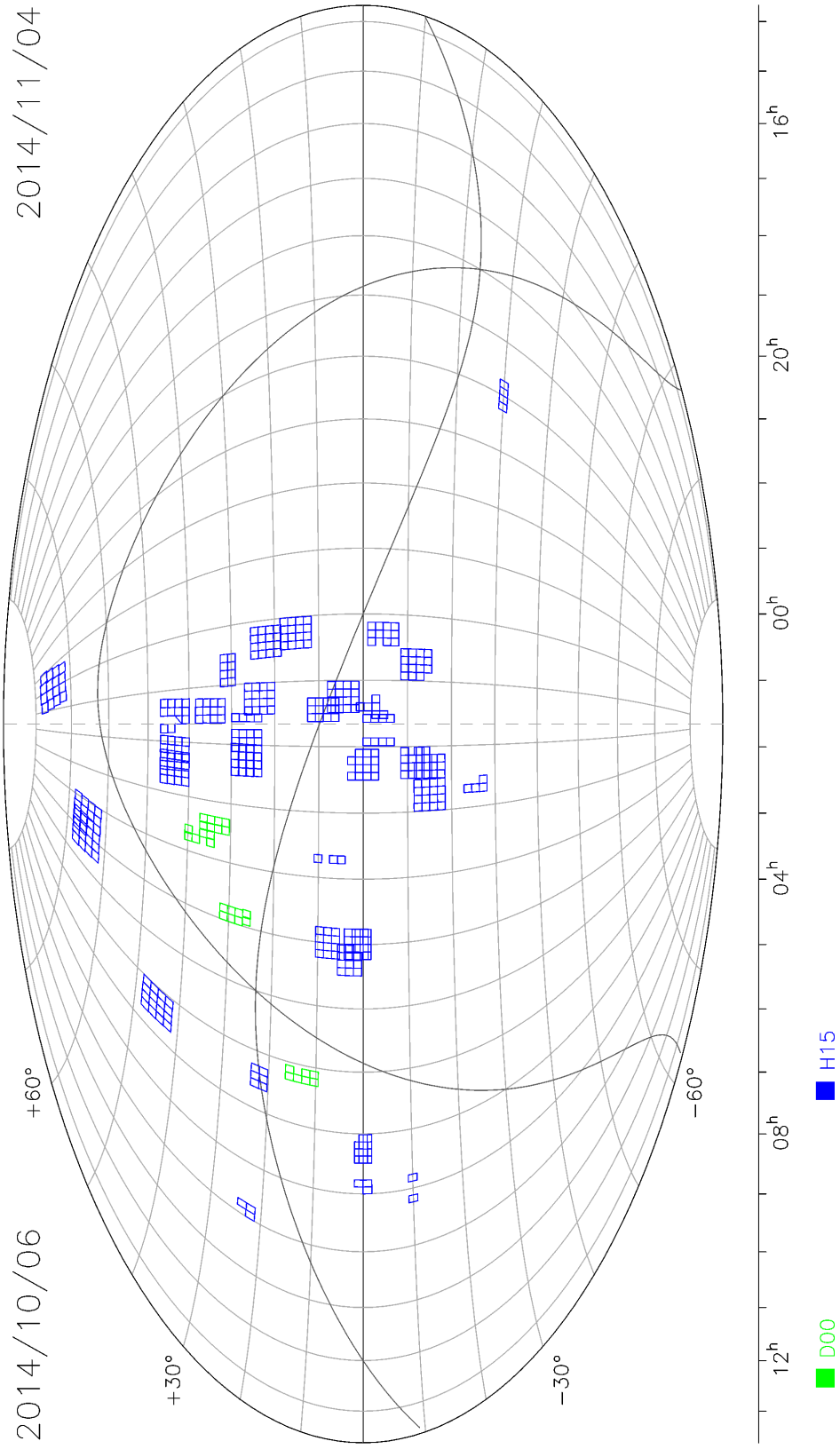
Были зафиксированы два тесных сближения с Землей - астероиды 2014 UU56 и 2014 UF56 сблизились до 260 300 и 164 600 км соответственно. В ближайшие десятилетия они не будут представлять опасности для Земли.

С 14 по 17 октября, на удаленной обсерватории ISON-NM, проводились фотометрические измерения астероида, пересекающего орбиту Марса - (6454) 1991 UG1. В ходе анализа полученных данных, удалось определить предполагаемый период вра-

щения 10-километрового объекта: P = 6.17h ± 0.005, A = 0.53. К сожалению, ввиду достаточно большого периода вращения, не удалось получить полное покрытие кривой блеска, хотя полученное решение является достоверным и будущем оно будет уточнено.

Радио обсерваториями Голдстоун и Аресибо проведена успешная локация 4 АСЗ, в том числе 1.4-километрового потенциально опасного астероида (2340) Hathor. Наблюдения проводились на дистанциях от 0.006 до 0.143 а.е. В ходе наблюдений, мощности передатчиков составляли 440 кВт (Голдстоун) и 400 кВт (Аресибо).

ПРИЛОЖЕНИЕ 1. ПОКРЫТИЕ НЕБЕСНОЙ СФЕРЫ ТЕЛЕСКОПАМИ НСОИ АФН/ISON



ПРИЛОЖЕНИЕ 2. ОБСЕРВАТОРИИ, УЧАСТВУЮЩИЕ В РАБОТЕ

Код MPC	Обсерватория	Телескоп	Камера	Поле зрения, угл. мин	Масштаб, “/пикс	Фильтры	Координаты	Высота, м
123	Byurakan	ORI-40 0.4-м f/2.3	FLI ML09000	137x137	2.67	BVRI	40° 20’ 51” N 44° 16’ 28 E	1 572
A50	Andrushivka Astronomical Observatory	ORI-500 0.5-м f/2.3	FLI PL4301	148x148	4.27	-	50° 00’ 03” N 28° 59’ 53 E	227
C15	ISON-Ussuriysk Observatory	Сантел-650А 0.65-м f/2	FLI PL4301	132x132	3.81	-	43° 41’ 55” N 132° 09’ 56” E	279
D00	ISON-Kislovodsk Observatory	Сантел-400АН 0.4-м f/3	FLI ML09000	106x106	2.06	BVRI	43° 44’ 25” N 42° 39’ 13” E	2 107
H15	ISON-NM Observatory	Сантел-400АН 0.4-м f/3	FLI PL16803	106x106	1.55	BVRIC	32° 54’ 12” N 105° 31’ 42” W	2 217
K99	ISON-Uzhgorod Observatory	ЧВ-400 0.4-м f/4.5	FLI PL09000	70x70	1.38	BVR	48° 33’ 48” N 22° 27’ 13” E	235
O75	ISON-Hureltogoot Observatory	ORI-40 0.4-м f/2.3	FLI ML09000	137x137	2.67	BVRI	47° 51’ 55” N 107° 03’ 07” E	1 604

ПРИЛОЖЕНИЕ 3. ПОЗИЦИОННЫЕ ИЗМЕРЕНИЯ СЕТИ НСОИ АФН/ISON

ISON-Kislovodsk (D00)

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56133         C2014 10 20.88988 03 20 30.68 +36 44 23.7          19.6 Vq~1B9UD00
76812         C2014 10 20.88988 03 22 04.24 +36 14 13.5          19.6 Vq~1BBTD00
92948         C2014 10 20.88988 03 23 55.78 +35 32 27.9          20.1 Vq~1BCYD00
C5062         C2014 10 20.88988 03 23 15.69 +36 46 42.1          19.5 Vq~1BEsD00
09932         C2014 10 20.89124 03 17 12.44 +34 56 09.4          17.7 Vq~1B4bD00
A1529         C2014 10 20.89124 03 19 09.40 +35 08 14.4          17.5 Vq~1BDDD00
G0890         C2014 10 20.89124 03 24 12.96 +34 16 14.7          18.9 Vq~1BH1D00
P2271         C2014 10 20.89124 03 23 14.22 +33 59 18.1          19.2 Vq~1BKyD00
P8851         C2014 10 20.89124 03 20 54.95 +34 07 19.7          19.8 Vq~1BLPD00
W2787         C2014 10 20.89124 03 19 37.04 +34 33 47.8          18.8 Vq~1BNLD00
11249         C2014 10 20.89257 03 23 09.99 +32 22 59.3          18.6 Vq~1B4mD00
P8705         C2014 10 20.89257 03 17 01.41 +33 12 21.7          19.4 Vq~1BLOD00
23512         C2014 10 20.89392 03 22 12.72 +31 28 50.6          17.5 Vq~1B6HD00
26643         C2014 10 20.89392 03 19 29.66 +31 48 38.4          17.1 Vq~1B6bD00
32014         C2014 10 20.89392 03 18 48.43 +30 19 16.4          17.9 Vq~1B79D00
I6153         C2014 10 20.89392 03 24 02.51 +30 42 16.7          19.3 Vq~1BIPD00
O2208         C2014 10 20.89392 03 18 15.07 +31 18 09.4          19.4 Vq~1BKZD00
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01891         C2014 10 20.89528 03 25 59.07 +36 36 59.3          16.4 Vq~1B3TD00
03353         C2014 10 20.89528 03 26 47.93 +36 03 36.7          16.6 Vq~1B3hD00
32248         C2014 10 20.89528 03 26 51.45 +36 12 19.7          18.2 Vq~1B7AD00
54793         C2014 10 20.89528 03 30 27.09 +35 41 57.8          17.7 Vq~1B9ND00
B0581         C2014 10 20.89528 03 29 05.77 +36 34 12.2          18.8 Vq~1BDtD00
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G0890         C2014 10 20.89661 03 24 12.73 +34 16 14.2          18.8 Vq~1BH1D00
I5626         C2014 10 20.89661 03 28 24.86 +34 35 18.6          18.6 Vq~1BIND00
O7567         C2014 10 20.89661 03 25 20.92 +34 06 58.4          19.7 Vq~1BKjD00
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23777         C2014 10 20.89796 03 26 51.55 +32 49 02.0          18.2 Vq~1B6JD00
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O7073         C2014 10 20.89796 03 27 53.24 +32 22 58.2          19.8 Vq~1BKiD00
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a7447         C2014 10 20.89796 03 31 29.67 +32 44 32.8          19.5 Vq~1BOQD00
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30798         C2014 10 20.89931 03 31 56.25 +30 56 10.5          18.7 Vq~1B71D00
71283         C2014 10 20.89931 03 25 03.48 +30 25 30.4          19.6 Vq~1BAtD00
76122         C2014 10 20.89931 03 24 19.51 +30 46 44.0          19.3 Vq~1BBPD00
98696         C2014 10 20.89931 03 30 28.70 +30 49 03.2          18.9 Vq~1BD0D00
C8605         C2014 10 20.89931 03 29 30.86 +31 12 34.3          20.0 Vq~1BF5D00
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I9891         C2014 10 20.89931 03 30 53.41 +30 27 27.5          19.3 Vq~1BIaD00
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32248         C2014 10 20.90598 03 26 50.93 +36 12 19.9          18.1 Vq~1B7AD00
54793         C2014 10 20.90598 03 30 26.73 +35 41 57.2          17.8 Vq~1B9ND00
B0581         C2014 10 20.90598 03 29 05.22 +36 34 12.9          19.6 Vq~1BDtD00
B5445         C2014 10 20.90598 03 24 40.47 +36 06 19.1          20.1 Vq~1BEGD00
A4237         C2014 10 20.90731 03 25 46.69 +34 26 11.9          20.3 Vq~1BDPD00
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73447         C2014 10 20.90867 03 29 19.38 +32 09 31.2          19.5 Vq~1BBAD00
85278         C2014 10 20.90867 03 26 23.14 +32 54 31.6          18.8 Vq~1BC3D00
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O7073         C2014 10 20.90867 03 27 52.65 +32 22 58.3          19.1 Vq~1BKiD00
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30798         C2014 10 20.91000 03 31 55.81 +30 56 11.0          18.9 Vq~1B71D00
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G0890         C2014 10 20.91271 03 24 12.15 +34 16 11.2          18.8 Vq~1BH1D00
P2271         C2014 10 20.91271 03 23 13.58 +33 59 11.5          19.1 Vq~1BKyD00
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W2787         C2014 10 20.91271 03 19 35.78 +34 33 49.7          20.4 Vq~1BNLD00
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32014         C2014 10 20.91538 03 18 47.14 +30 19 19.0          17.9 Vq~1B79D00
I6153         C2014 10 20.91538 03 24 01.40 +30 41 55.6          19.1 Vq~1BIPD00
O2208         C2014 10 20.91538 03 18 13.81 +31 18 07.3          18.9 Vq~1BKZD00
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01891         C2014 10 20.91674 03 25 57.99 +36 37 01.5          16.5 Vq~1B3TD00
03353         C2014 10 20.91674 03 26 46.58 +36 03 21.1          16.7 Vq~1B3hD00
32248         C2014 10 20.91674 03 26 50.39 +36 12 20.2          18.1 Vq~1B7AD00
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A4237         C2014 10 20.91809 03 25 46.04 +34 26 14.3          19.5 Vq~1BDPD00
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G0890         C2014 10 20.91809 03 24 11.88 +34 16 09.8          19.0 Vq~1BH1D00
I5626         C2014 10 20.91809 03 28 23.47 +34 35 24.0          19.4 Vq~1BIND00
O7567         C2014 10 20.91809 03 25 19.69 +34 07 09.6          19.1 Vq~1BKjD00
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30798         C2014 10 20.92075 03 31 55.32 +30 56 11.1          18.6 Vq~1B71D00
71283         C2014 10 20.92075 03 25 02.54 +30 25 27.9          19.6 Vq~1BAtD00
76122         C2014 10 20.92075 03 24 18.44 +30 46 45.2          19.4 Vq~1BBPD00
98696         C2014 10 20.92075 03 30 27.81 +30 49 06.1          18.9 Vq~1BD0D00
C8605         C2014 10 20.92075 03 29 30.12 +31 12 33.6          19.9 Vq~1BF5D00
F1072         C2014 10 20.92075 03 24 22.03 +30 40 41.9          20.2 Vq~1BGVD00
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Y7973         C2014 10 20.92075 03 26 43.06 +31 31 28.3          19.6 Vq~1BNyD00
f3048K01QI8A  C2014 10 20.92211 03 23 31.35 +36 56 15.8          20.0 Vq~1AxZD00
56133         C2014 10 20.92211 03 20 28.86 +36 44 34.5          19.7 Vq~1B9UD00
76812         C2014 10 20.92211 03 22 03.18 +36 14 12.8          19.5 Vq~1BBTD00
92948         C2014 10 20.92211 03 23 54.21 +35 32 30.6          19.9 Vq~1BCYD00
C5062         C2014 10 20.92211 03 23 14.66 +36 46 41.6          20.4 Vq~1BEsD00
09932         C2014 10 20.92344 03 17 10.54 +34 56 17.0          17.7 Vq~1B4bD00
A1529         C2014 10 20.92344 03 19 07.98 +35 08 05.6          17.4 Vq~1BDDD00
G0890         C2014 10 20.92344 03 24 11.65 +34 16 09.5          18.9 Vq~1BH1D00
P2271         C2014 10 20.92344 03 23 13.23 +33 59 08.5          18.9 Vq~1BKyD00
P8851         C2014 10 20.92344 03 20 53.33 +34 07 27.7          19.8 Vq~1BLPD00
W2787         C2014 10 20.92344 03 19 35.33 +34 33 51.0          20.1 Vq~1BNLD00
11249         C2014 10 20.92477 03 23 08.66 +32 23 01.5          18.5 Vq~1B4mD00
P8705         C2014 10 20.92477 03 16 59.87 +33 12 22.8          19.2 Vq~1BLOD00
23512         C2014 10 20.92610 03 22 11.32 +31 28 45.6          17.6 Vq~1B6HD00
26643         C2014 10 20.92610 03 19 28.06 +31 48 29.7          18.0 Vq~1B6bD00
32014         C2014 10 20.92610 03 18 46.51 +30 19 20.4          17.9 Vq~1B79D00
I6153         C2014 10 20.92610 03 24 00.82 +30 41 45.1          19.2 Vq~1BIPD00
O2208         C2014 10 20.92610 03 18 13.30 +31 18 05.6          19.6 Vq~1BKZD00
Q0738         C2014 10 20.92610 03 22 24.01 +30 33 01.9          20.0 Vq~1BLUD00
01891         C2014 10 20.92743 03 25 57.37 +36 37 02.6          16.6 Vq~1B3TD00
03353         C2014 10 20.92743 03 26 45.91 +36 03 13.5          16.7 Vq~1B3hD00
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B5445          C2014 10 20.92743 03 24 39.34 +36 06 20.2          19.7 Vq~1BEGD00
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G0509          C2014 10 20.92876 03 26 12.88 +34 17 46.1          20.6 Vq~1BH0D00
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I5626          C2014 10 20.92876 03 28 22.84 +34 35 26.7          19.1 Vq~1BIND00
O7567          C2014 10 20.92876 03 25 19.05 +34 07 14.1          19.8 Vq~1BKjD00
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Q8652          C2014 10 20.97351 03 44 42.12 +37 45 43.5          19.1 Vq~1BLrD00
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89501	C2014 10 20.98119 04 45 10.27 +30 07 34.5	19.9 Vq~1BCKD00
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75135          C2014 10 21.01086 04 51 12.34 +26 12 40.6          19.9 Vq~1BBLD00
75164          C2014 10 21.01086 04 53 49.20 +25 11 32.4          19.8 Vq~1BBLD00
87897          C2014 10 21.01086 04 51 17.02 +26 29 00.8          20.1 Vq~1BCBD00
A4591          C2014 10 21.01086 04 52 23.30 +26 06 13.4          19.9 Vq~1BDQD00
F7031          C2014 10 21.01086 04 55 50.94 +25 23 32.6          19.8 Vq~1BGpD00
G8297          C2014 10 21.01086 04 50 19.85 +25 42 23.3          19.9 Vq~1BHPD00
W8361          C2014 10 21.01086 04 52 14.69 +25 41 29.0          19.7 Vq~1BNhD00
08333          C2014 10 21.01221 04 46 16.73 +31 16 07.2          18.0 Vq~1B4PD00
12167          C2014 10 21.01221 04 46 15.59 +31 18 47.6          18.6 Vq~1B4tD00
34642          C2014 10 21.01221 04 44 57.60 +30 45 13.4          18.9 Vq~1B7OD00
45848          C2014 10 21.01221 04 51 40.85 +31 39 30.4          18.6 Vq~1B8aD00
46475          C2014 10 21.01221 04 46 52.81 +30 51 44.8          18.5 Vq~1B8eD00
49410          C2014 10 21.01221 04 51 34.65 +31 10 39.3          18.4 Vq~1B8vD00
65530          C2014 10 21.01221 04 46 33.42 +31 34 26.9          20.2 Vq~1BAGD00
70321          C2014 10 21.01221 04 47 45.97 +30 58 29.2          19.5 Vq~1BAoD00
71850          C2014 10 21.01221 04 51 12.21 +30 19 54.3          19.5 Vq~1BAyD00
G3660          C2014 10 21.01221 04 48 40.02 +30 47 53.1          19.7 Vq~1BHAD00
L9358          C2014 10 21.01221 04 44 55.25 +31 46 06.7          19.4 Vq~1BJ1D00
05757          C2014 10 21.01356 04 44 10.26 +29 18 27.5          18.1 Vq~1B43D00
10329          C2014 10 21.01356 04 44 30.13 +29 58 02.5          17.3 Vq~1B4eD00
30443          C2014 10 21.01356 04 47 09.74 +29 26 32.7          18.2 Vq~1B6zD00
63444          C2014 10 21.01356 04 45 51.25 +29 19 57.6          20.1 Vq~1BA7D00
71640          C2014 10 21.01356 04 47 12.97 +29 45 02.7          19.7 Vq~1BAwD00
89501          C2014 10 21.01356 04 45 09.39 +30 07 23.9          19.5 Vq~1BCKD00
A2694          C2014 10 21.01356 04 50 29.65 +29 16 49.9          19.1 Vq~1BDJD00
C2860          C2014 10 21.01356 04 44 33.63 +29 32 52.2          20.7 Vq~1BEkD00
F9703          C2014 10 21.01356 04 46 58.86 +29 02 35.7          19.2 Vq~1BGyD00
10029          C2014 10 21.01488 04 46 49.08 +28 05 54.5          18.0 Vq~1B4cD00
21187          C2014 10 21.01488 04 47 02.69 +27 13 10.5          19.1 Vq~1B60D00
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33022          C2014 10 21.01488 04 50 20.31 +27 31 34.8          19.5 Vq~1B7ED00
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53865          C2014 10 21.01488 04 45 05.95 +27 55 45.9          19.5 Vq~1B9ID00
55081          C2014 10 21.01488 04 46 14.52 +26 53 40.2          19.4 Vq~1B9PD00
69976          C2014 10 21.01488 04 48 31.77 +26 55 14.4          19.3 Vq~1BAkD00
91115          C2014 10 21.01488 04 47 18.01 +28 14 36.9          19.3 Vq~1BCQD00
E7233          C2014 10 21.01488 04 50 50.01 +26 56 12.0          19.6 Vq~1BGGD00
E7813          C2014 10 21.01488 04 47 53.59 +27 06 25.4          19.6 Vq~1BGJD00
F0915          C2014 10 21.01488 04 44 47.02 +28 17 53.4          19.3 Vq~1BGUD00
F4077          C2014 10 21.01488 04 48 57.26 +27 46 26.1          19.6 Vq~1BGfD00
J6724          C2014 10 21.01488 04 44 52.42 +27 45 05.3          20.2 Vq~1BIqD00
07960          C2014 10 21.01622 04 45 02.65 +26 33 59.5          18.2 Vq~1B4LD00
13415          C2014 10 21.01622 04 46 43.77 +25 11 06.5          19.8 Vq~1B52D00
13853          C2014 10 21.01622 04 44 59.11 +25 29 07.4          19.3 Vq~1B56D00
16410          C2014 10 21.01622 04 43 43.94 +25 20 04.2          18.8 Vq~1B5RD00
20832          C2014 10 21.01622 04 44 46.30 +25 18 45.8          19.1 Vq~1B5yD00
21976          C2014 10 21.01622 04 45 42.20 +26 44 01.6          18.0 Vq~1B66D00
39483          C2014 10 21.01622 04 49 22.06 +25 47 28.9          19.4 Vq~1B7vD00
47910          C2014 10 21.01622 04 49 17.58 +26 28 09.1          19.2 Vq~1B8oD00
54832          C2014 10 21.01622 04 48 26.94 +26 35 31.1          19.4 Vq~1B9OD00
59729          C2014 10 21.01622 04 47 52.91 +25 54 15.0          19.6 Vq~1B9mD00
66519          C2014 10 21.01622 04 45 55.42 +25 53 19.2          19.1 Vq~1BAND00
67303          C2014 10 21.01622 04 46 04.23 +26 05 59.8          18.7 Vq~1BAQD00
71760          C2014 10 21.01622 04 48 55.90 +25 57 54.5          19.4 Vq~1BAxD00
76747          C2014 10 21.01622 04 43 47.69 +26 49 23.6          19.4 Vq~1BBTD00
88941          C2014 10 21.01622 04 45 50.64 +26 37 15.5          19.3 Vq~1BCHD00
B5645          C2014 10 21.01622 04 46 55.52 +26 45 44.0          19.1 Vq~1BEID00
B6117          C2014 10 21.01622 04 48 13.80 +25 45 26.4          19.7 Vq~1BEKD00
J1195          C2014 10 21.01622 04 45 40.39 +26 04 27.7          20.5 Vq~1BIeD00
O2916          C2014 10 21.01622 04 49 46.34 +25 47 38.6          19.2 Vq~1BKbD00
S5887          C2014 10 21.01622 04 47 33.76 +25 46 11.5          19.2 Vq~1BMFD00
f4345K08SS6W   C2014 10 21.01757 04 57 20.88 +31 49 42.7          19.2 Vq~1AyLD00
00902          C2014 10 21.01757 04 54 26.30 +31 44 14.8          15.7 Vq~1B3ID00
14967          C2014 10 21.01757 04 53 29.40 +31 03 27.1          18.8 Vq~1B5FD00
21011          C2014 10 21.01757 04 55 07.71 +30 56 17.3          17.6 Vq~1B5zD00
42927          C2014 10 21.01757 04 55 26.77 +30 39 26.2          19.3 Vq~1B8ID00
43607          C2014 10 21.01757 04 54 50.42 +31 07 03.4          18.9 Vq~1B8MD00
45269          C2014 10 21.01757 04 58 54.01 +31 46 07.6          19.6 Vq~1B8WD00
76505          C2014 10 21.01757 04 59 28.55 +31 25 12.5          19.9 Vq~1BBRD00
93606          C2014 10 21.01757 04 52 26.03 +31 26 13.8          19.9 Vq~1BCaD00
98209          C2014 10 21.01757 04 56 42.57 +31 45 11.1          20.2 Vq~1BCxD00
A9430          C2014 10 21.01757 04 54 00.91 +30 24 17.1          19.8 Vq~1BD1D00
f3086K01TG6G   C2014 10 21.01890 04 53 48.45 +29 28 35.4          20.3 Vq~1AxcD00
00169          C2014 10 21.01890 04 59 20.23 +30 06 25.7          14.0 Vq~1B3AD00
07471          C2014 10 21.01890 04 54 55.03 +30 05 55.0          18.1 Vq~1B4ID00
26647          C2014 10 21.01890 04 54 32.34 +29 03 54.2          18.6 Vq~1B6bD00
35173          C2014 10 21.01890 04 57 31.65 +29 37 42.2          18.8 Vq~1B7SD00
43774          C2014 10 21.01890 04 55 39.17 +28 53 10.9          19.0 Vq~1B8ND00
47839          C2014 10 21.01890 04 56 55.06 +29 29 39.2          18.9 Vq~1B8nD00
57832          C2014 10 21.01890 04 58 37.08 +30 00 21.0          19.3 Vq~1B9dD00
61664          C2014 10 21.01890 04 55 31.04 +29 05 12.4          18.9 Vq~1B9xD00
67925          C2014 10 21.01890 04 59 21.92 +29 18 26.7          18.5 Vq~1BAWD00
C2793          C2014 10 21.01890 04 59 45.35 +29 32 54.6          20.3 Vq~1BEjD00
D3491          C2014 10 21.01890 04 52 14.33 +30 05 57.6          19.7 Vq~1BFSD00
01446          C2014 10 21.02023 04 55 41.77 +27 38 49.2          17.4 Vq~1B3OD00
14077          C2014 10 21.02023 04 56 01.38 +28 13 19.1          19.5 Vq~1B58D00
18938          C2014 10 21.02023 04 52 55.57 +27 55 04.6          19.3 Vq~1B5kD00
27983          C2014 10 21.02023 04 52 27.13 +26 56 33.3          19.5 Vq~1B6jD00
B8690          C2014 10 21.02023 04 58 00.31 +28 19 16.6          18.3 Vq~1BETD00
15998          C2014 10 21.02156 04 51 25.80 +25 53 40.2          18.7 Vq~1B5ND00
26996          C2014 10 21.02156 04 54 36.18 +25 47 04.1          18.6 Vq~1B6dD00
57500          C2014 10 21.02156 04 53 34.91 +25 50 33.5          19.5 Vq~1B9bD00
60526          C2014 10 21.02156 04 51 58.08 +26 18 09.8          20.1 Vq~1B9pD00
75135          C2014 10 21.02156 04 51 12.05 +26 12 41.5          19.3 Vq~1BBLD00
75164          C2014 10 21.02156 04 53 48.98 +25 11 32.9          19.2 Vq~1BBLD00
87897          C2014 10 21.02156 04 51 16.77 +26 29 00.5          19.8 Vq~1BCBD00
A4591          C2014 10 21.02156 04 52 23.12 +26 06 15.6          20.1 Vq~1BDQD00
F7031          C2014 10 21.02156 04 55 50.74 +25 23 33.3          19.6 Vq~1BGpD00
G8297          C2014 10 21.02156 04 50 19.68 +25 42 26.6          20.0 Vq~1BHPD00
W8361          C2014 10 21.02156 04 52 14.51 +25 41 28.0          19.3 Vq~1BNhD00
00686          C2014 10 21.02513 07 05 29.90 +15 49 02.6          14.8 Vq~1B3GD00
39566          C2014 10 21.02513 07 10 23.88 +16 20 15.7          19.7 Vq~1B7vD00
04509          C2014 10 21.02912 07 10 34.71 +09 46 11.4          16.8 Vq~1B3sD00
06445          C2014 10 21.02912 07 03 48.22 +10 35 20.5          17.3 Vq~1B4AD00
11322          C2014 10 21.02912 07 10 23.15 +11 04 47.5          18.8 Vq~1B4mD00
25868          C2014 10 21.02912 07 04 48.70 +10 10 13.3          19.4 Vq~1B6WD00
06502          C2014 10 21.03045 07 11 46.44 +15 54 48.1          18.0 Vq~1B4AD00
D7494          C2014 10 21.03045 07 10 52.69 +15 23 32.1          20.0 Vq~1BFiD00
19300          C2014 10 21.03178 07 12 40.35 +13 31 08.6          18.9 Vq~1B5nD00
02447          C2014 10 21.03311 07 11 22.93 +12 47 36.8          17.7 Vq~1B3ZD00
19128          C2014 10 21.03311 07 14 19.99 +12 22 55.1          18.9 Vq~1B5mD00
25153          C2014 10 21.03311 07 14 10.93 +12 05 30.9          19.5 Vq~1B6RD00
51848          C2014 10 21.03311 07 11 27.81 +12 53 20.8          19.6 Vq~1B98D00
65700          C2014 10 21.03311 07 14 49.65 +11 26 14.0          18.7 Vq~1BAHD00
47039          C2014 10 21.03444 07 16 04.24 +09 39 21.6          19.0 Vq~1B8iD00
00686          C2014 10 21.03580 07 05 30.13 +15 48 58.3          14.8 Vq~1B3GD00
39566          C2014 10 21.03580 07 10 24.26 +16 20 13.6          20.4 Vq~1B7vD00
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04509          C2014 10 21.03979 07 10 35.08 +09 46 07.5          16.8 Vq~lB3sD00
06445          C2014 10 21.03979 07 03 48.72 +10 35 19.0          17.3 Vq~lB4AD00
11322          C2014 10 21.03979 07 10 23.48 +11 04 44.7          19.8 Vq~lB4mD00
25868          C2014 10 21.03979 07 04 49.01 +10 10 11.7          19.1 Vq~lB6WD00
06502          C2014 10 21.04113 07 11 47.09 +15 54 45.6          17.9 Vq~lB4AD00
D7494          C2014 10 21.04113 07 10 53.46 +15 23 30.4          20.0 Vq~lBFiD00
19300          C2014 10 21.04247 07 12 40.91 +13 31 04.7          18.9 Vq~lB5nD00
02447          C2014 10 21.04380 07 11 23.43 +12 47 35.8          17.5 Vq~lB3ZD00
19128          C2014 10 21.04380 07 14 20.64 +12 22 48.4          19.2 Vq~lB5mD00
25153          C2014 10 21.04380 07 14 11.43 +12 05 26.6          19.5 Vq~lB6RD00
51848          C2014 10 21.04380 07 11 28.00 +12 53 20.3          19.7 Vq~lB98D00
65700          C2014 10 21.04380 07 14 50.29 +11 26 09.3          19.5 Vq~lBAHD00
68831          C2014 10 21.04380 07 16 52.22 +12 00 00.7          19.9 Vq~lBAcD00
47039          C2014 10 21.04513 07 16 04.71 +09 39 21.0          19.3 Vq~lB8iD00
00686          C2014 10 21.04648 07 05 30.37 +15 48 54.0          14.9 Vq~lB3GD00
39566          C2014 10 21.04648 07 10 24.66 +16 20 11.7          20.1 Vq~lB7vD00
04509          C2014 10 21.05050 07 10 35.44 +09 46 03.7          16.9 Vq~lB3sD00
06445          C2014 10 21.05050 07 03 49.24 +10 35 17.7          17.3 Vq~lB4AD00
11322          C2014 10 21.05050 07 10 23.80 +11 04 41.6          19.8 Vq~lB4mD00
25868          C2014 10 21.05050 07 04 49.19 +10 10 09.7          19.7 Vq~lB6WD00
06502          C2014 10 21.05185 07 11 47.68 +15 54 43.1          18.1 Vq~lB4AD00
D7494          C2014 10 21.05185 07 10 54.23 +15 23 29.1          19.8 Vq~lBFiD00
19300          C2014 10 21.05321 07 12 41.38 +13 31 01.2          18.8 Vq~lB5nD00
02447          C2014 10 21.05455 07 11 23.86 +12 47 33.4          17.6 Vq~lB3ZD00
19128          C2014 10 21.05455 07 14 21.26 +12 22 42.0          19.1 Vq~lB5mD00
25153          C2014 10 21.05455 07 14 11.85 +12 05 21.9          19.0 Vq~lB6RD00
51848          C2014 10 21.05455 07 11 28.31 +12 53 19.1          19.8 Vq~lB98D00
65700          C2014 10 21.05455 07 14 50.90 +11 26 05.2          19.6 Vq~lBAHD00
68831          C2014 10 21.05455 07 16 52.56 +11 59 59.4          20.0 Vq~lBAcD00
47039          C2014 10 21.05588 07 16 05.27 +09 39 19.9          19.1 Vq~lB8iD00
00686          C2014 10 21.05723 07 05 30.60 +15 48 49.8          14.8 Vq~lB3GD00
39566          C2014 10 21.05723 07 10 25.05 +16 20 10.1          20.1 Vq~lB7vD00
04509          C2014 10 21.06127 07 10 35.83 +09 45 59.7          17.3 Vq~lB3sD00
06445          C2014 10 21.06127 07 03 49.74 +10 35 16.2          17.2 Vq~lB4AD00
11322          C2014 10 21.06127 07 10 24.00 +11 04 40.4          20.0 Vq~lB4mD00
25868          C2014 10 21.06127 07 04 49.57 +10 10 08.5          19.6 Vq~lB6WD00
06502          C2014 10 21.06263 07 11 48.45 +15 54 40.4          17.8 Vq~lB4AD00
D7494          C2014 10 21.06263 07 10 54.97 +15 23 27.8          19.9 Vq~lBFiD00
19300          C2014 10 21.06397 07 12 41.94 +13 30 57.4          18.7 Vq~lB5nD00
02447          C2014 10 21.06530 07 11 24.28 +12 47 31.3          17.5 Vq~lB3ZD00
19128          C2014 10 21.06530 07 14 21.79 +12 22 35.7          19.1 Vq~lB5mD00
25153          C2014 10 21.06530 07 14 12.27 +12 05 18.8          19.9 Vq~lB6RD00
51848          C2014 10 21.06530 07 11 28.47 +12 53 17.8          19.7 Vq~lB98D00
65700          C2014 10 21.06530 07 14 51.53 +11 25 58.9          19.6 Vq~lBAHD00
68831          C2014 10 21.06530 07 16 52.94 +11 59 58.8          18.9 Vq~lBAcD00
47039          C2014 10 21.06666 07 16 05.70 +09 39 18.8          19.0 Vq~lB8iD00
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ISON-NM (H15)

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02131          C2014 10 06.14981 23 34 57.60 +71 42 13.7          14.6 Rq~lAdRH15
02131          C2014 10 06.16102 23 34 55.25 +71 42 16.1          14.6 Rq~lAdRH15
74823          C2014 10 06.43603 08 27 05.78 +00 14 37.6          19.2 Rq~lBBIH15
74823          C2014 10 06.44624 08 27 07.06 +00 14 27.5          18.3 Rq~lBBIH15
74823          C2014 10 06.46420 08 27 09.23 +00 14 11.8          19.0 Rq~lBBIH15
     K14T33Y KC2014 10 12.26665 01 00 18.43 -07 44 36.6          15.8 Rq~lAceH15
     K14T33Y KC2014 10 12.27614 01 00 26.15 -07 48 07.6          16.1 Rq~lAceH15
     K14T33Y KC2014 10 12.29537 01 00 41.81 -07 55 14.2          16.1 Rq~lAceH15
32716          C2014 10 13.16272 01 04 19.82 +20 51 51.4          18.3 Rq~lAgfH15
V6875          C2014 10 13.16272 01 00 20.66 +20 44 37.3          18.6 Rq~lAv1H15
H6235          C2014 10 13.16272 01 02 46.30 +20 50 19.6          18.1 Rq~lAqCH15
A9752          C2014 10 13.16272 01 03 51.39 +21 11 30.2          17.1 Rq~lAmSH15
81785          C2014 10 13.16272 01 01 29.88 +20 45 21.2          17.1 Rq~lAkhH15
15119          C2014 10 13.16272 01 05 48.49 +21 42 31.0          16.8 Rq~lAeyH15
45119          C2014 10 13.16272 01 05 17.49 +20 23 10.6          17.4 Rq~lAhoH15
73697          C2014 10 13.16272 01 03 42.71 +21 39 35.0          16.6 Rq~lAk9H15
87623          C2014 10 13.16272 01 04 37.42 +21 33 13.5          18.7 Rq~lAkyH15
24388          C2014 10 13.16506 01 05 23.63 +21 55 45.2          16.1 Rq~lAfvH15
19243          C2014 10 13.16506 01 05 05.57 +22 16 49.9          13.8 Rq~lAfQH15
07602          C2014 10 13.16506 01 01 27.91 +21 45 18.7          16.8 Rq~lAe9H15
E8012          C2014 10 13.16727 01 05 42.91 +24 28 12.7          17.0 Rq~lAojH15
43091          C2014 10 13.16727 01 05 58.69 +24 34 27.7          17.7 Rq~lAheH15
66186          C2014 10 13.16727 01 00 38.61 +24 38 59.0          16.1 Rq~lAjMH15
D4967          C2014 10 13.16955 01 13 33.54 +20 57 33.8          17.7 Rq~lAo3H15
M0630          C2014 10 13.16955 01 08 25.42 +21 08 29.9          19.1 Rq~lAryH15
C7263          C2014 10 13.16955 01 07 44.66 +21 26 45.1          17.5 Rq~lAnUH15
O2201          C2014 10 13.16955 01 10 17.08 +20 53 48.4          18.3 Rq~lAscH15
M8951          C2014 10 13.16955 01 13 31.80 +20 35 51.8          18.3 Rq~lAsNH15
00400          C2014 10 13.16955 01 10 12.29 +20 37 40.9          14.9 Rq~lAd8H15
G3056          C2014 10 13.16955 01 13 13.44 +20 26 29.8          18.9 Rq~lApWH15
U6665          C2014 10 13.16955 01 14 20.69 +21 07 10.3          18.7 Rq~lAuaH15
67243          C2014 10 13.16955 01 13 14.67 +21 45 17.1          17.2 Rq~lAjRH15
B0603          C2014 10 13.16955 01 08 33.50 +20 41 38.2          18.4 Rq~lAmXH15
     K14T58D* C2014 10 13.16955 01 08 48.50 +20 39 10.4          19.4 Rq~lB28H15
H6235          C2014 10 13.17270 01 02 45.68 +20 50 18.5          18.2 Rq~lAqCH15
15119          C2014 10 13.17270 01 05 48.01 +21 42 29.4          16.8 Rq~lAeyH15
A9752          C2014 10 13.17270 01 03 50.69 +21 11 30.8          16.8 Rq~lAmSH15
32716          C2014 10 13.17270 01 04 19.39 +20 51 49.9          17.6 Rq~lAgfH15
P8066          C2014 10 13.17270 01 03 21.11 +20 18 29.7          17.2 Rq~lAtMH15
45119          C2014 10 13.17270 01 05 17.17 +20 23 06.0          17.2 Rq~lAhoH15
73697          C2014 10 13.17270 01 03 42.02 +21 39 34.4          16.4 Rq~lAk9H15
V6875          C2014 10 13.17270 01 00 20.06 +20 44 37.1          18.4 Rq~lAv1H15
07602          C2014 10 13.17515 01 01 27.42 +21 45 15.9          16.6 Rq~lAe9H15
19243          C2014 10 13.17515 01 05 04.38 +22 16 58.7          13.8 Rq~lAfQH15
24388          C2014 10 13.17515 01 05 23.12 +21 55 41.1          16.5 Rq~lAfvH15
E8012          C2014 10 13.17755 01 05 42.17 +24 28 13.6          17.9 Rq~lAojH15
43091          C2014 10 13.17755 01 05 58.25 +24 34 24.6          17.9 Rq~lAheH15
58082          C2014 10 13.17755 01 01 29.44 +24 56 22.6          18.0 Rq~lAilH15
66186          C2014 10 13.17755 01 00 37.89 +24 38 59.0          16.0 Rq~lAjMH15
C7263          C2014 10 13.17981 01 07 44.18 +21 26 40.2          17.0 Rq~lAnUH15
67243          C2014 10 13.17981 01 13 14.10 +21 45 17.6          17.8 Rq~lAjRH15
B0603          C2014 10 13.17981 01 08 33.01 +20 41 35.1          17.5 Rq~lAmXH15
00400          C2014 10 13.17981 01 10 11.80 +20 37 38.9          14.9 Rq~lAd8H15
G3056          C2014 10 13.17981 01 13 12.87 +20 26 27.0          18.3 Rq~lApWH15
U6665          C2014 10 13.17981 01 14 19.98 +21 07 05.3          18.5 Rq~lAuaH15
M0630          C2014 10 13.17981 01 08 24.89 +21 08 24.1          18.6 Rq~lAryH15
O2201          C2014 10 13.17981 01 10 16.44 +20 53 47.9          18.0 Rq~lAscH15
Q3788          C2014 10 13.17981 01 13 41.89 +21 38 09.4          19.0 Rq~lAtgH15
     K14T58D  C2014 10 13.17981 01 08 48.05 +20 39 07.5          18.8 Rq~lB28H15
87623          C2014 10 13.18291 01 04 36.31 +21 33 11.4          18.5 Rq~lAkyH15
15119          C2014 10 13.18291 01 05 47.41 +21 42 29.6          17.1 Rq~lAeyH15
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88579	C2014 10 16.32852 03 43 25.73 +10 16 34.6	19.6	Rq~lAl3H15
04120	C2014 10 16.32852 03 39 28.02 +10 42 31.9	17.9	Rq~lAdiH15
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I6997	C2014 10 16.32852 03 45 03.81 +10 24 01.8	19.8	Rq~lAqjH15
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26482	C2014 10 17.07919 00 12 27.85 +19 45 12.1	16.5	Rq~lAg7H15
36773	C2014 10 17.07919 00 08 33.83 +20 03 29.8	18.5	Rq~lAh3H15
42808	C2014 10 17.07919 00 07 03.15 +18 57 18.1	15.8	Rq~lAhdH15
51225	C2014 10 17.07919 00 12 35.22 +18 51 03.4	17.4	Rq~lAiIH15
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50198	C2014 10 17.10309 00 08 56.31 +21 43 57.7	17.7	Rq~lAiDH15
P2396	C2014 10 17.10309 00 06 31.50 +21 12 52.9	18.4	Rq~lAt2H15
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K05N26G	C2014 10 17.11087 00 07 44.35 +18 43 13.2	18.7	Rq~lAYEH15
42808	C2014 10 17.11087 00 07 02.49 +18 56 26.3	15.6	Rq~lAhdH15
64067	C2014 10 17.11087 00 12 19.74 +20 06 54.4	17.2	Rq~lAjCH15
25731	C2014 10 17.11087 00 09 44.30 +19 21 59.5	16.5	Rq~lAg3H15
26482	C2014 10 17.11087 00 12 26.65 +19 44 58.1	16.3	Rq~lAg7H15
51225	C2014 10 17.11087 00 12 33.79 +18 50 43.5	17.4	Rq~lAiIH15
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43157	C2014 10 17.11330 00 07 49.31 +21 10 46.6	16.7	Rq~lAhfH15
51841	C2014 10 17.11330 00 08 56.77 +20 25 04.0	17.4	Rq~lAiKH15
e8903	C2014 10 17.11330 00 11 41.50 +20 19 53.7	19.3	Rq~lAwzH15
P2396	C2014 10 17.11330 00 06 31.24 +21 12 46.8	18.4	Rq~lAt2H15
A9866	C2014 10 17.11330 00 12 39.60 +20 40 23.3	17.4	Rq~lAmSH15
50198	C2014 10 17.11330 00 08 55.80 +21 43 52.5	17.8	Rq~lAiDH15
B2814	C2014 10 17.11330 00 12 01.28 +21 29 28.6	18.5	Rq~lAmjH15
W5362	C2014 10 17.11575 00 09 25.62 +23 18 23.0	18.3	Rq~lAvWH15
W7868	C2014 10 17.11575 00 12 05.98 +22 38 25.9	18.5	Rq~lAvgH15
f1331	C2014 10 17.11575 00 10 15.72 +22 19 11.2	18.1	Rq~lAxMH15
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A3266	C2014 10 17.12065 00 19 30.66 +19 07 13.9	18.3	Rq~lAm2H15
E9685	C2014 10 17.12065 00 18 34.56 +20 09 56.9	18.0	Rq~lAopH15
M1617	C2014 10 17.12065 00 20 53.15 +19 19 28.0	19.5	Rq~lAs2H15
P8147	C2014 10 17.12065 00 20 26.06 +19 27 06.7	18.9	Rq~lAtNH15
18032	C2014 10 17.12397 00 20 12.06 +20 22 33.8	17.7	Rq~lAfIH15
M6081	C2014 10 17.12397 00 19 11.07 +20 31 07.0	18.2	Rq~lAsFH15
O7762	C2014 10 17.12397 00 14 24.05 +21 47 29.1	19.3	Rq~lAsnH15
W2746	C2014 10 17.12397 00 18 18.82 +20 37 41.6	20.4	Rq~lAvLH15
63422	C2014 10 17.12397 00 14 13.45 +21 22 17.1	17.0	Rq~lAjAH15
51689	C2014 10 17.12397 00 17 41.29 +20 23 22.0	16.1	Rq~lAiKH15
55465	C2014 10 17.12397 00 20 19.09 +21 34 24.5	17.3	Rq~lAiaH15
R8007	C2014 10 17.12397 00 19 57.73 +20 48 38.4	18.7	Rq~lAu5H15
a4360	C2014 10 17.12397 00 20 31.89 +21 04 37.1	18.4	Rq~lBOHH15
C8068	C2014 10 17.12641 00 18 06.53 +23 00 58.1	17.3	Rq~lAnXH15
E6323	C2014 10 17.12641 00 18 01.14 +23 33 46.1	16.2	Rq~lAocH15
94017	C2014 10 17.12641 00 19 28.82 +23 12 41.6	17.9	Rq~lAlNH15
K05Um6Y	C2014 10 17.12882 00 09 08.12 +24 10 41.2	19.8	Rq~lAYNH15
K10O35F	C2014 10 17.12882 00 06 07.04 +24 47 09.7	19.0	Rq~lAZ2H15
K05T07F	C2014 10 17.13126 00 14 37.21 +19 54 45.5	20.4	Rq~lAYIH15
E9685	C2014 10 17.13126 00 18 34.05 +20 09 52.9	17.6	Rq~lAopH15
A3266	C2014 10 17.13126 00 19 30.23 +19 07 10.5	18.3	Rq~lAm2H15
O7762	C2014 10 17.13420 00 14 23.65 +21 47 25.9	19.4	Rq~lAsnH15
M6081	C2014 10 17.13420 00 19 10.73 +20 31 00.7	18.3	Rq~lAsFH15
R8007	C2014 10 17.13420 00 19 57.18 +20 48 34.0	19.1	Rq~lAu5H15
18032	C2014 10 17.13420 00 20 11.61 +20 22 29.3	17.8	Rq~lAfIH15
W2746	C2014 10 17.13420 00 18 18.39 +20 37 35.9	20.7	Rq~lAvLH15
63422	C2014 10 17.13420 00 14 13.04 +21 22 10.2	17.0	Rq~lAjAH15
51689	C2014 10 17.13420 00 17 40.90 +20 23 14.9	15.9	Rq~lAiKH15
55465	C2014 10 17.13420 00 20 18.61 +21 34 19.5	17.3	Rq~lAiaH15
a4360	C2014 10 17.13420 00 20 31.61 +21 04 27.9	19.1	Rq~lBOHH15
94017	C2014 10 17.13663 00 19 28.29 +23 12 38.3	17.9	Rq~lAlNH15
E6323	C2014 10 17.13663 00 18 00.73 +23 33 39.7	16.1	Rq~lAocH15
Q0688	C2014 10 17.14016 00 27 07.52 +19 26 29.7	19.8	Rq~lAtXH15
03150	C2014 10 17.14016 00 26 44.22 +18 37 19.8	15.2	Rq~lAdaH15
J1189	C2014 10 17.14016 00 27 10.12 +19 48 18.4	19.2	Rq~lAqvH15
M9009	C2014 10 17.14016 00 26 02.52 +20 07 49.4	17.5	Rq~lAsOH15
76018	C2014 10 17.14016 00 23 37.36 +19 20 38.1	17.8	Rq~lAkJH15
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K05T07F	C2014 10 17.14265 00 14 36.64 +19 54 41.7	19.8	Rq~lAYIH15
P8147	C2014 10 17.14265 00 20 24.96 +19 27 01.4	19.3	Rq~lAtNH15
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E9685	C2014 10 17.14265 00 18 33.50 +20 09 48.2	17.7	Rq~lAopH15
M1617	C2014 10 17.14265 00 20 52.13 +19 19 21.8	19.5	Rq~lAs2H15
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R8007	C2014 10 17.14602 00 19 56.48 +20 48 30.1	19.4	Rq~lAu5H15
63422	C2014 10 17.14602 00 14 12.58 +21 22 01.8	17.1	Rq~lAjAH15
51689	C2014 10 17.14602 00 17 40.45 +20 23 06.5	16.1	Rq~lAiKH15
55465	C2014 10 17.14602 00 20 18.08 +21 34 14.1	17.6	Rq~lAiaH15
M6081	C2014 10 17.14602 00 19 10.23 +20 30 53.2	18.5	Rq~lAsFH15
O7762	C2014 10 17.14602 00 14 22.99 +21 47 23.6	19.1	Rq~lAsnH15
a4360	C2014 10 17.14602 00 20 31.11 +21 04 18.7	18.9	Rq~lBOHH15
E6323	C2014 10 17.14848 00 18 00.22 +23 33 32.5	16.1	Rq~lAocH15
C8068	C2014 10 17.14848 00 18 05.55 +23 00 49.1	18.0	Rq~lAnXH15
76018	C2014 10 17.15094 00 23 36.88 +19 20 35.1	18.2	Rq~lAkJH15
M9009	C2014 10 17.15094 00 26 01.80 +20 07 50.1	18.0	Rq~lAsOH15
03150	C2014 10 17.15094 00 26 43.63 +18 37 18.7	15.5	Rq~lAdaH15
J1189	C2014 10 17.15094 00 27 09.68 +19 48 14.5	18.7	Rq~lAqvH15
Q0688	C2014 10 17.15094 00 27 07.08 +19 26 21.6	19.2	Rq~lAtXH15
K14U02C	C2014 10 17.15094 00 23 15.98 +19 24 52.8	19.1	Rq~lB2dH15
P8147	C2014 10 17.15343 00 20 24.45 +19 26 59.6	19.7	Rq~lAtNH15
K05T07F	C2014 10 17.15343 00 14 36.18 +19 54 37.7	19.9	Rq~lAYIH15
E9685	C2014 10 17.15343 00 18 32.98 +20 09 43.8	18.1	Rq~lAopH15
M1617	C2014 10 17.15343 00 20 51.61 +19 19 17.3	19.6	Rq~lAs2H15
A3266	C2014 10 17.15343 00 19 29.23 +19 07 03.5	18.6	Rq~lAm2H15
18032	C2014 10 17.15624 00 20 10.62 +20 22 19.4	17.7	Rq~lAfIH15
51689	C2014 10 17.15624 00 17 40.06 +20 22 59.3	15.9	Rq~lAiKH15
R8007	C2014 10 17.15624 00 19 55.83 +20 48 26.2	19.5	Rq~lAu5H15
M6081	C2014 10 17.15624 00 19 09.89 +20 30 46.7	18.3	Rq~lAsFH15
55465	C2014 10 17.15624 00 20 17.58 +21 34 09.3	17.5	Rq~lAiaH15
O7762	C2014 10 17.15624 00 14 22.50 +21 47 20.3	19.7	Rq~lAsnH15
63422	C2014 10 17.15624 00 14 12.18 +21 21 54.8	16.8	Rq~lAjAH15
a4360	C2014 10 17.15624 00 20 30.77 +21 04 08.2	19.5	Rq~lBOHH15
C8068	C2014 10 17.15869 00 18 04.94 +23 00 45.7	17.4	Rq~lAnXH15
E6323	C2014 10 17.15869 00 17 59.82 +23 33 26.1	16.9	Rq~lAocH15
94017	C2014 10 17.15869 00 19 27.06 +23 12 29.3	16.9	Rq~lAlNH15
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76018	C2014 10 17.16146 00 23 36.32 +19 20 32.2	18.1	Rq~lAkJH15
Q0688	C2014 10 17.16146 00 27 06.58 +19 26 13.3	19.6	Rq~lAtXH15
f1855	C2014 10 17.16146 00 26 16.51 +18 42 51.1	18.9	Rq~lAxPH15
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A1883	C2014 10 17.16414 00 15 52.37 +24 45 54.1	15.9	Rq~lAlxH15
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A8564	C2014 10 17.16414 00 17 38.52 +25 20 24.5	16.8	Rq~lAmMH15
E8574	C2014 10 17.16414 00 13 21.33 +25 08 39.9	18.2	Rq~lAokH15
V5500	C2014 10 17.16414 00 15 05.81 +24 07 57.7	19.2	Rq~lAuyH15
01505	C2014 10 17.16670 00 26 04.78 +21 16 03.7	14.8	Rq~lAdLH15
L3268	C2014 10 17.16670 00 25 37.33 +20 25 37.7	17.7	Rq~lArbH15
W5790	C2014 10 17.16670 00 25 12.74 +20 27 59.9	17.3	Rq~lAvZH15

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M9009          C2014 10 17.17134 00 26 00.46 +20 07 51.1          18.3 Rq~lAsOH15
76018          C2014 10 17.17134 00 23 35.88 +19 20 30.2          18.2 Rq~lAkJH15
J1189          C2014 10 17.17134 00 27 08.87 +19 48 04.6          18.7 Rq~lAqvH15
Q0688          C2014 10 17.17134 00 27 06.21 +19 26 07.0          20.1 Rq~lAtXH15
f1855          C2014 10 17.17134 00 26 15.99 +18 42 49.1          19.3 Rq~lAxPH15
     K14U02C   C2014 10 17.17134 00 23 14.96 +19 24 50.6          19.0 Rq~lB2dH15
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V5500          C2014 10 17.17488 00 15 05.35 +24 07 52.8          18.5 Rq~lAuyH15
f1922          C2014 10 17.17488 00 16 55.39 +24 46 40.6          18.6 Rq~lAxQH15
A8564          C2014 10 17.17488 00 17 37.92 +25 20 19.9          17.0 Rq~lAmMH15
L3268          C2014 10 17.17740 00 25 36.84 +20 25 31.8          17.8 Rq~lArbH15
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W5790          C2014 10 17.17740 00 25 12.37 +20 27 51.0          17.0 Rq~lAvZH15
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76200          C2014 10 17.18003 00 25 47.32 +22 54 18.4          16.9 Rq~lAkKH15
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M2546          C2014 10 17.18003 00 23 40.45 +22 24 59.1          19.2 Rq~lAs5H15
P8217          C2014 10 17.18003 00 27 46.95 +22 32 31.8          17.3 Rq~lAtOH15
W2612          C2014 10 17.18003 00 21 16.23 +22 53 04.7          17.3 Rq~lAvLH15
78213          C2014 10 17.18003 00 22 57.97 +22 25 41.4          19.2 Rq~lAkSH15
87110          C2014 10 17.18003 00 25 35.90 +22 41 50.5          18.3 Rq~lAkxH15
A8564          C2014 10 17.18442 00 17 37.42 +25 20 16.0          17.2 Rq~lAmMH15
A1883          C2014 10 17.18442 00 15 51.24 +24 45 49.0          16.4 Rq~lAlxH15
E8574          C2014 10 17.18442 00 13 20.05 +25 08 37.5          17.9 Rq~lAokH15
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01505          C2014 10 17.18765 00 26 03.81 +21 15 52.3          14.7 Rq~lAdLH15
L3268          C2014 10 17.18765 00 25 36.36 +20 25 25.9          17.9 Rq~lArbH15
78213          C2014 10 17.19044 00 22 57.55 +22 25 36.6          18.4 Rq~lAkSH15
     K06UI7J   C2014 10 17.19044 00 22 41.22 +23 35 28.4          18.5 Rq~lAYWH15
W2612          C2014 10 17.19044 00 21 15.69 +22 53 00.8          17.7 Rq~lAvLH15
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E5709          C2014 10 17.21333 00 23 35.94 +24 07 53.9          16.4 Rq~lAoaH15
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M6939	C2014 10 17.24068 00 33 49.85 +18 56 27.9	18.5 Rq~lAsIH15
V1606	C2014 10 17.24068 00 30 08.64 +19 18 44.0	19.8 Rq~lAukH15
P8397	C2014 10 17.24068 00 32 17.99 +19 08 07.8	16.9 Rq~lAtQH15
e7625	C2014 10 17.24068 00 32 26.53 +20 10 49.9	18.6 Rq~lAwuH15
e9228	C2014 10 17.24068 00 30 41.37 +19 53 08.8	18.8 Rq~lAx3H15
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V5454	C2014 10 17.29704 04 56 02.70 +00 15 13.0	18.3 Rq~lAuyH15
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88421          C2014 10 24.21314 01 28 39.18 +05 55 06.4          18.9 Rq~1BCEH15
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H3591          C2014 10 24.21314 01 27 16.98 +04 37 20.1          19.8 Rq~1BH1H15
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23573	C2014 10 24.34994 05 07 30.90 +08 53 35.6	17.6 Rq~lB6HH15
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35983	C2014 10 24.35324 05 02 26.90 +08 48 40.3	19.1 Rq~lB7YH15
37407	C2014 10 24.35324 05 00 50.06 +09 37 57.8	18.1 Rq~lB7hH15
44517	C2014 10 24.35324 05 03 52.65 +09 24 46.1	18.2 Rq~lB8RH15
89537	C2014 10 24.35324 05 03 03.46 +09 33 15.9	18.5 Rq~lBCKH15
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C4987	C2014 10 24.35324 05 00 53.46 +09 32 42.1	18.3 Rq~lBEsH15
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R0934	C2014 10 24.35324 05 04 09.78 +09 32 06.8	18.4 Rq~lBLvH15
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D7900	C2014 10 24.36094 05 09 09.57 +08 42 13.3	18.7 Rq~lBFjH15
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01410	C2014 10 24.36436 05 02 46.91 +09 02 46.9	14.7 Rq~lB3OH15
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35983	C2014 10 24.36436 05 02 26.63 +08 48 39.0	18.8 Rq~lB7YH15
37407	C2014 10 24.36436 05 00 49.88 +09 37 56.8	18.2 Rq~lB7hH15
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R0934	C2014 10 24.36436 05 04 09.63 +09 32 01.0	18.4 Rq~lBLvH15
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64943	C2014 10 24.36697 05 12 06.54 +06 54 13.6	19.0 Rq~lBAEH15
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73389	C2014 10 24.37197 05 12 14.08 +09 32 18.6	18.3 Rq~lBBAH15
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D7900	C2014 10 24.37197 05 09 09.57 +08 42 07.5	18.6 Rq~lBFjH15
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S0424	C2014 10 24.37531 05 02 05.40 +09 44 36.2	19.0 Rq~lBMAH15
15958	C2014 10 24.37786 05 09 18.08 +06 24 13.8	16.1 Rq~lB5NH15
57959	C2014 10 24.37786 05 10 07.03 +06 25 30.0	18.4 Rq~lB9eH15
64943	C2014 10 24.37786 05 12 06.25 +06 54 13.0	18.9 Rq~lBAEH15
99254	C2014 10 24.37786 05 10 05.83 +06 21 18.4	18.7 Rq~lBD1H15
A2502	C2014 10 24.37786 05 08 28.98 +06 05 58.1	18.7 Rq~lBDIH15
D4188	C2014 10 24.37786 05 10 42.97 +05 45 52.1	20.3 Rq~lBFWH15
E5079	C2014 10 24.37786 05 09 00.70 +05 56 11.0	17.8 Rq~lBG8H15
22074	C2014 10 24.38043 05 11 58.50 +07 17 58.5	16.6 Rq~lB67H15
43763	C2014 10 24.38043 05 10 56.22 +07 55 57.8	19.2 Rq~lB8NH15
46084	C2014 10 24.38043 05 12 52.70 +08 29 36.7	18.6 Rq~lB8bH15
67709	C2014 10 24.38043 05 07 09.33 +08 10 22.5	20.1 Rq~lBATH15
71633	C2014 10 24.38043 05 08 39.62 +07 38 44.9	18.7 Rq~lBAwH15
76361	C2014 10 24.38043 05 11 34.49 +07 39 40.9	18.8 Rq~lBBRH15
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96616	C2014 10 24.38043 05 08 17.29 +07 23 12.3	17.0 Rq~lBCoH15
97435	C2014 10 24.38043 05 10 41.26 +07 47 08.8	18.3 Rq~lBCrH15
98947	C2014 10 24.38043 05 09 17.76 +08 02 30.9	19.4 Rq~lBD0H15
D6454	C2014 10 24.38043 05 08 15.30 +07 30 11.9	20.2 Rq~lBFeH15
S2895	C2014 10 24.38043 05 08 26.59 +07 15 50.9	19.8 Rq~lBMCH15
13117	C2014 10 24.38295 05 12 24.99 +10 13 34.0	17.7 Rq~lB50H15
23573	C2014 10 24.38295 05 07 30.40 +08 53 28.9	17.4 Rq~lB6HH15
67228	C2014 10 24.38295 05 07 50.88 +09 45 21.5	17.5 Rq~lBAQH15
73389	C2014 10 24.38295 05 12 13.88 +09 32 17.1	18.5 Rq~lBBAH15
81848	C2014 10 24.38295 05 13 39.64 +10 26 21.4	19.1 Rq~lBBrH15
D7900	C2014 10 24.38295 05 09 09.56 +08 42 02.5	18.5 Rq~lBFjH15
M1900	C2014 10 24.38295 05 10 35.72 +10 20 24.0	19.4 Rq~lBJuH15
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84736	C2014 10 24.43896 08 28 19.24 +01 29 51.5	19.2 Rq~lBC1H15
90480	C2014 10 24.43896 08 27 40.33 +00 58 21.6	19.9 Rq~lBCOH15
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84736	C2014 10 24.44992 08 28 19.72 +01 29 44.9	19.3 Rq~lBC1H15
90480	C2014 10 24.44992 08 27 40.88 +00 58 17.0	19.1 Rq~lBCOH15
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A5225	C2014 10 24.45604 08 18 50.81 -00 07 08.7	17.6 Rq~lBDTH15
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90480	C2014 10 24.46116 08 27 41.32 +00 58 12.1	19.5 Rq~lBCOH15
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A5225	C2014 10 24.46700 08 18 51.61 -00 07 10.6	17.8 Rq~lBDTH15
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A5633	C2014 10 24.46964 08 25 55.64 -01 12 33.3	19.6 Rq~lBDVH15
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01103	C2014 10 25.11757 02 23 39.26 +44 29 09.3	13.2 Rq~lBXNH15
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U2287	C2014 10 25.12009 02 35 05.90 +45 45 13.3	17.7 Rq~lBtDH15
37274	C2014 10 25.12260 02 20 35.70 +40 19 23.2	15.6 Rq~lBboH15
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H1791	C2014 10 25.12521 02 25 47.35 +42 25 00.6	16.6 Rq~lBmvH15
R6180	C2014 10 25.12521 02 23 58.95 +42 14 42.4	18.2 Rq~lBsVH15
01103	C2014 10 25.12854 02 23 38.45 +44 29 02.3	13.0 Rq~lBXNH15
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37274	C2014 10 25.13358 02 20 34.74 +40 19 23.5	15.6 Rq~lBboH15
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H1791	C2014 10 25.13610 02 25 46.53 +42 25 03.4	16.5 Rq~lBmvH15
01103	C2014 10 25.13946 02 23 37.64 +44 28 55.2	12.9 Rq~lBXNH15
71745	C2014 10 25.13946 02 29 07.54 +44 34 49.9	17.5 Rq~lBfJH15
U2287	C2014 10 25.14196 02 35 04.31 +45 44 59.7	18.1 Rq~lBtDH15
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H1791	C2014 10 25.14704 02 25 45.69 +42 25 06.4	16.6 Rq~lBmvH15
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01103	C2014 10 25.15043 02 23 36.83 +44 28 48.2	13.0 Rq~lBXNH15
71745	C2014 10 25.15043 02 29 06.32 +44 34 53.2	18.2 Rq~lBfJH15
U2287	C2014 10 25.15294 02 35 03.57 +45 44 53.3	18.0 Rq~lBtDH15
37274	C2014 10 25.15556 02 20 32.83 +40 19 24.0	15.7 Rq~lBboH15
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R6180	C2014 10 25.15808 02 23 57.03 +42 14 40.7	18.2 Rq~lBsVH15
19239	C2014 10 25.16146 02 33 03.52 +43 57 35.1	16.4 Rq~lBZoH15

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19239		C2014	10	25.17241	02	33	02.70	+43	57	33.9	16.3	Rq~lBZoH15	A4367	C2014	10	25.43005	07	38	34.51	+46	22	18.9	20.1	Rq~lBi2H15
	K05QG1A	C2014	10	25.17488	02	23	14.58	+40	09	40.5	19.2	Rq~lBQ0H15		K14T18H	C2014	10	25.43262	07	24	53.87	+42	29	33.1	19.7	Rq~lBU0H15
	K12Cl3B	C2014	10	25.17488	02	22	10.41	+40	50	20.0	18.3	Rq~lBRoH15	A0078	C2014	10	25.43517	07	33	27.02	+43	23	08.7	18.7	Rq~lBhkH15
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	K05QG1A	C2014	10	25.18620	02	23	13.64	+40	09	44.5	18.7	Rq~lBQ0H15	G3818	C2014	10	25.43770	07	34	36.12	+42	48	01.4	17.7	Ro~lBmPH15
	K12Cl3B	C2014	10	25.18620	02	22	09.60	+40	50	23.9	17.5	Rq~lBRoH15	19982	C2014	10	25.43770	07	32	22.80	+42	01	18.4	15.7	Rq~lBZtH15
19239		C2014	10	25.19457	02	33	01.04	+43	57	31.2	16.4	Rq~lBZoH15	A4367	C2014	10	25.44095	07	38	34.87	+46	22	24.0	19.4	Rq~lBi2H15
	K05QG1A	C2014	10	25.19709	02	23	12.59	+40	09	47.1	18.6	Rq~lBQ0H15		K14T18H	C2014	10	25.44359	07	24	54.54	+42	29	45.1	20.0	Rq~lBU0H15
	K12Cl3B	C2014	10	25.19709	02	22	08.82	+40	50	27.0	17.9	Rq~lBRoH15	A0078	C2014	10	25.44604	07	33	27.65	+43	23	12.9	18.9	Rq~lBhkH15
	K13N12A	C2014	10	25.20828	02	38	32.81	+40	45	51.4	18.9	Rq~lBSAH15	B6616	C2014	10	25.44604	07	36	19.75	+43	45	42.6	19.5	Rq~lBj9H15
A1649		C2014	10	25.20828	02	37	48.92	+41	12	23.8	16.0	Rq~lBhqH15	19982	C2014	10	25.44869	07	32	23.62	+42	01	14.2	15.8	Rq~lBZtH15
	K10M01F	C2014	10	25.21343	02	41	44.10	+40	00	52.8	19.2	Rq~lBRLH15	0032P	C2014	10	25.45252	09	49	19.68	+21	31	43.7	14.1	Tq90433H15
f4477K09P02H		C2014	10	25.21343	02	41	55.72	+40	19	41.0	18.5	Rq~lBR3H15	01677	C2014	10	25.45252	09	47	25.72	+22	12	02.1	16.4	Rq~lBXTH15
04384		C2014	10	25.21343	02	45	30.78	+40	02	19.6	14.7	Rq~lBXsH15	01937	C2014	10	25.45252	09	46	20.11	+21	52	39.0	15.9	Rq~lBXWH15
	K13N12A	C2014	10	25.21927	02	38	32.21	+40	45	50.4	18.9	Rq~lBSAH15	02905	C2014	10	25.45252	09	48	28.54	+21	24	46.4	16.8	Rq~lBXfH15
A1649		C2014	10	25.21927	02	37	48.29	+41	12	23.7	16.1	Rq~lBhqH15	17244	C2014	10	25.45252	09	49	32.83	+21	29	46.6	19.0	Rq~lBZYH15
	K10M01F	C2014	10	25.22436	02	41	42.84	+40	00	40.8	19.4	Rq~lBRLH15	41968	C2014	10	25.45252	09	50	22.29	+22	14	02.3	19.0	Rq~lBcLH15
f4477K09P02H		C2014	10	25.22436	02	41	55.01	+40	19	40.8	18.1	Rq~lBR3H15	54418	C2014	10	25.45252	09	49	23.90	+22	28	28.0	18.6	Rq~lBdYH15
04384		C2014	10	25.22436	02	45	30.04	+40	02	19.6	14.8	Rq~lBXsH15	93421	C2014	10	25.45252	09	50	42.77	+22	42	35.7	19.8	Rq~lBh9H15
	K13N12A	C2014	10	25.23029	02	38	31.58	+40	45	49.2	18.5	Rq~lBSAH15	05940	C2014	10	25.45517	09	48	58.68	+24	13	47.6	17.4	Rq~lBY7H15
A1649		C2014	10	25.23029	02	37	47.66	+41	12	23.5	16.1	Rq~lBhqH15	42439	C2014	10	25.45517	09	50	15.24	+24	24	56.9	18.3	Rq~lBcOH15
	K10M01F	C2014	10	25.23530	02	41	41.78	+40	00	29.8	20.0	Rq~lBRLH15	50175	C2014	10	25.45517	09	47	05.53	+24	22	06.3	19.7	Rq~lBdBH15
f4477K09P02H		C2014	10	25.23530	02	41	54.33	+40	19	40.3	18.1	Rq~lBR3H15	84911	C2014	10	25.45517	09	46	34.02	+23	04	32.1	20.6	Rq~lBgUH15
04384		C2014	10	25.23530	02	45	29.32	+40	02	19.5	14.8	Rq~lBXsH15	00652	C2014	10	25.45767	09	57	21.70	+22	02	20.8	15.3	Rq~lBXJH15
	K13N12A	C2014	10	25.24132	02	38	30.78	+40	45	47.6	18.6	Rq~lBSAH15	00804	C2014	10	25.45767	09	55	57.66	+22	53	03.6	12.8	Rq~lBXKH15
A1649		C2014	10	25.24132	02	37	47.02	+41	12	23.3	16.2	Rq~lBhqH15	19740	C2014	10	25.45767	09	53	33.30	+21	21	35.4	17.9	Rq~lBZrH15
	K10M01F	C2014	10	25.24637	02	41	40.53	+40	00	17.4	19.4	Rq~lBRLH15	23321	C2014	10	25.45767	09	56	55.15	+22	39	25.7	18.9	Rq~lBaIH15
f4477K09P02H		C2014	10	25.24637	02	41	53.71	+40	19	40.4	18.1	Rq~lBR3H15	31791	C2014	10	25.45767	09	57	48.48	+22	02	54.4	19.7	Rq~lBbCH15
04384		C2014	10	25.24637	02	45	28.58	+40	02	19.5	14.8	Rq~lBXsH15	49396	C2014	10	25.45767	09	57	29.64	+21	55	42.6	18.2	Rq~lBd7H15
73844		C2014	10	25.25000	07	00	21.83	+47	51	10.9	17.4	Rq~lBfZH15	50668	C2014	10	25.45767	09	56	44.60	+22	02	34.5	18.4	Rq~lBdEH15
73844		C2014	10	25.26076	07	00	22.21	+47	51	14.6	17.6	Rq~lBfZH15	57605	C2014	10	25.45767	09	54	55.23	+22	08	33.0	19.3	Rq~lBdpH15
73844		C2014	10	25.27216	07	00	22.69	+47	51	18.0	17.4	Rq~lBfZH15	0032P	C2014	10	25.46338	09	49	21.11	+21	31	39.6	14.5	Tq90433H15
73844		C2014	10	25.28310	07	00	23.01	+47	51	22.2	17.2	Rq~lBfZH15	01677	C2014	10	25.46338	09	47	26.44	+22	11	58.6	16.4	Rq~lBXTH15
	K10V11O	C2014	10	25.31883	07	14	31.75	+46	07	54.6	19.3	Rq~lBRUH15	01937	C2014	10	25.46338	09	46	20.92	+21	52	37.7	16.6	Rq~lBXWH15
84404		C2014	10	25.31883	07	18	04.57	+45	02	21.4	18.4	Rq~lBgSH15	02905	C2014	10	25.46338	09	48	29.32	+21	24	43.3	16.7	Rq~lBXfH15
O3846		C2014	10	25.31883	07	14	11.98	+45	02	37.7	19.7	Rq~lBqaH15	17244	C2014	10	25.46338	09	49	33.70	+21	29	44.4	19.8	Rq~lBZYH15
A6120		C2014	10	25.32147	07	25	29.34	+47	12	23.8	19.2	Rq~lBiCH15	41968	C2014	10	25.46338	09	50	23.32	+22	14	00.3	19.0	Rq~lBcLH15
10048		C2014	10	25.32400	07	11	03.42	+41	46	51.6	17.1	Rq~lBYdH15	54418	C2014	10	25.46338	09	49	24.60	+22	28	27.7	18.1	Rq~lBdYH15
84404		C2014	10	25.32941	07	18	04.79	+45	02	25.8	19.1	Rq~lBgSH15	93421	C2014	10	25.46338	09	50	43.68	+22	42	29.0	18.9	Rq~lBh9H15
O3846		C2014	10	25.32941	07	14	12.48	+45	02	36.1	18.8	Rq~lBqaH15	05940	C2014	10	25.46612	09	48	59.34	+24	13	45.9	17.6	Rq~lBY7H15
A6120		C2014	10	25.33243	07	25	30.24	+47	12	27.5	18.2	Rq~lBiCH15	42439	C2014	10	25.46612	09	50	16.34	+24	24	53.1	18.5	Rq~lBcOH15
10048		C2014	10	25.33501	07	11	03.70	+41	46	54.7	17.3	Rq~lBYdH15	50175	C2014	10	25.46612	09	47	06.67	+24	22	02.1	19.1	Rq~lBdBH15
	K10V11O	C2014	10	25.34113	07	14	32.64	+46	07	49.6	19.8	Rq~lBRUH15	84911	C2014	10	25.46612	09	46	34.97	+23	04	32.7	19.4	Rq~lBgUH15
O3846		C2014	10	25.34113	07	14	13.02	+45	02	35.7	18.9	Rq~lBqaH15	00652	C2014	10	25.46870	09	57	22.58	+22	02	19.8	15.3	Rq~lBXJH15
10048		C2014	10	25.34635	07	11	03.95	+41	46	58.5	17.6	Rq~lBYdH15	00804	C2014	10	25.46870	09	55	58.31	+22	53	00.7	12.9	Rq~lBXKH15
	K10V11O	C2014	10	25.35208	07	14	33.01	+46	07	47.4	19.4	Rq~lBRUH15	19740	C2014	10	25.46870	09	53	34.24	+21	21	33.2	18.4	Rq~lBZrH15
84404		C2014	10	25.35208	07	18	05.31	+45	02	36.6	18.6	Rq~lBgSH15	31791	C2014	10	25.46870	09	57	49.26	+22	02	55.4	19.9	Rq~lBbCH15
O3846		C2014	10	25.35208	07	14	13.73	+45	02	34.4	19.2	Rq~lBqaH15	49396	C2014	10	25.46870	09	57	30.73	+21	55	39.4	18.3	Rq~lBd7H15
A6120		C2014	10	25.35473	07	25	31.95	+47	12	36.9	18.6	Rq~lBiCH15	50668	C2014	10	25.46870	09	56	45.32	+22	02	32.9	18.4	Rq~lBdEH15
10048		C2014	10	25.35742	07	11	04.23	+41	47	01.8	17.5	Rq~lBYdH15	57605	C2014	10	25.46870	09	54	55.93	+22	08	31.1	19.3	Rq~lBdpH15
I1910		C2014	10	25.36359	07	28	44.97	+45	09	27.2	19.8	Rq~lBnXH15	0032P	C2014	10	25.47506	09	49	22.61	+21	31	35.4	14.2	Tq90433H15
K1161		C2014	10	25.36359	07	25	37.12	+45	23	31.3	18.1	Rq~lBoaH15	01677	C2014	10	25.47506	09	47	27.22	+22	11	54.6	16.2	Rq~lBXTH15
L9708		C2014	10	25.36359	07	27	32.02	+46	00	22.8	19.4	Rq~lBpXH15	01937	C2014	10	25.47506	09	46	21.79	+21	52	36.5	16.2	Rq~lBXWH15
29303		C2014	10	25.36613	07	12	53.64	+42	15	52.6	17.3	Rq~lBavH15	02905	C2014	10	25.47506	09	48	30.15	+21	24	40.2	16.8	Rq~lBXfH15
	K14UB5B*	C2014	10	25.36865	07	34	19.71	+47	50	29.1	19.0	Rq~lBWGH15	17244	C2014	10	25.47506	09	49	34.58	+21	29	43.6	19.5	Rq~lBZYH15
39700		C2014	10	25.36865	07	38	33.65	+47	26	22.9	18.8	Rq~lBc4H15	54418	C2014	10	25.47506	09	49	25.32	+22	28	26.7	18.2	Rq~lBdYH15
22793		C2014	10	25.37119	07	30	20.91	+44	35	58.7	19.2	Rq~lBaFH15	05940	C2014	10	25.47769	09	49	00.03	+24	13	44.4	17.7	Rq~lBY7H15
53431		C2014	10	25.37119	07	24	46.24	+43	58	02.8	17.1	Rq~lBdTH15	42439	C2014	10	25.47769	09	50	17.35	+24	24	48.3	18.8	Rq~lBcOH15
A8699		C2014	10	25.37119	07	26	13.34	+44	44	29.3	19.2	Rq~lBiNH15	50175	C2014	10	25.47769	09	47	07.73	+24	21	57.6	18.6	Rq~lBdBH15
I1910		C2014	10	25.37458	07	28	46.37	+45	09	36.4	19.0	Rq~lBnXH15	84911	C2014	10	25.47769	09	46	35.93	+23	04	32.8	19.7	Rq~lBgUH15
K1161		C2014	10	25.37458	07	25	37.39	+45	23	33.0	18.3	Rq~lBoaH15	00652	C2014	10	25.48022	09	57	23.51	+22	02	18.7	15.4	Rq~lBXJH15
L9708		C2014	10	25.37458	07	27	32.67	+46	00	23.5	19.3	Rq~lBpXH15	00804	C2014	10	25.48022	09	55	58.99	+22	52	57.6	12.8	Rq~lBXKH15
29303		C2014	10	25.37719	07	12	54.05	+42	15	54.8	17.2	Rq~lBavH15	19740	C2014	10	25.48022	09	53	35.26	+21	21	30.2	18.1	Rq~lBZrH15
	K14UB5B	C2014	10	25.37975	07	34	20.76	+47	50	26.5	19.0	Rq~lBWGH15	23321	C2014	10	25.48022	09	56	56.82	+22	39	18.3	19.3	Rq~lBaIH15
39700		C2014	10	25.37975	07	38	34.42	+47	26	28.7	18.9	Rq~lBc4H15	50668	C2014	10	25.48022	09	56	46.22	+22	02	31.8	18.7	Rq~lBdEH15
22793		C2014	10	25.38234	07	30	21.27	+44	35	58.4	19.2	Rq~lBaFH15	57605	C2014	10	25.48022	09	54	56.84	+22	08	28.6	18.9	Rq~lBdpH15
53431		C2014	10	25.38234	07	24	47.13	+43	58	15.4	16.9	Rq~lBdTH15	0032P	C2014	10	25.48594	09	49	24.06	+21	31	31.4	14.5	Tq90433H15
I1910		C2014	10	25.38583	07	28	47.63	+45	09	46.8	19.8	Rq~lBnXH15	01677	C2014	10	25.48594	09	47	27.95	+22	11	50.8	16.2	Rq~lBXTH15
K1161		C2014	10	25.38583	07	25	37.68	+45	23	34.1	18.1	Rq~lBoaH15	01937	C2014	10	25.48594	09	46	22.59	+21	52	35.2	16.2	Rq~lBXWH15
L9708		C2014	10	25.38583	07	27	33.23	+46	00	25.1	19.8	Rq~lBpXH15	02905	C2014	10	25.48594	09	48	30.94	+21	24	37.1	16.9	Rq~lBXfH15
29303		C2014	10	25.38833	07	12	54.45	+42	15	57.0	17.2	Rq~lBavH15	17244	C2014	10	25.48594	09	49	35.40	+21	29	42.5	18.8	Rq~lBZYH15
	K14UB5B	C2014	10	25.39095	07	34	21.79	+47	50	25.2	19.1	Rq~lBWGH15	41968	C2014	10	25.48594	09	50	25.32	+22	13	52.5	19.1	Rq~lBcLH15
39700		C2014	10	25.39095	07	38	35.32	+47	26	35.0	19.0	Rq~lBc4H15	54418	C2014	10	25.48594	09	49	26.03	+22	28	26.3	18.9	Rq~lBdYH15
22793		C2014	10	25.39352	07	30	21.62	+44	35	59.8	19.5	Rq~lBaFH15	93421	C2014	10	25.48594	09	50	45.82	+22	42	16.1	19.3	Rq~lBh9H15
53431		C2014	10	25.39352	07	24	48.08	+43	58	27.9	17.2	Rq~lBdTH15	05940	C2014	10	25.48872	09	49	00.66	+24	13	42.7	17.3	Rq~lBY7H15
A8699		C2014	10	25.39352	07	26	14.17	+44	44	34.4	18.9	Rq~lBiNH15	42439	C2014	10	25.48872	09	50	18.50	+24	24	43.6	18.9	Rq~lBcOH15
I1910		C2014	10	25.39677	07	28	48.83	+45	09	54.9	19.6	Rq~lBnXH15	50175	C2014	10	25.48872	09	47	08.89	+24	21	52.6	19.1	Rq~lBdBH15
K1161		C2014	10	25.39677	07	25	37.99	+45	23	35.9	18.1	Rq~lBoaH15	84911	C2014	10	25.48872	09	46	36.84	+23	04	33.5	19.8	Rq~lBgUH15
L9708		C2014	10	25.39677	07	27	33.91	+46	00	26.6	19.8	Rq~lBpXH15	00652	C2014	10	25.49123	09	57	24.37	+22	02	17.7	15.5	Rq~lBXJH15
29303		C2014	10	25.39933	07	12	54.81	+42	15	59.1	17.2	Rq~lBavH15	00804	C2014	10	25.49123	09	55	59.63	+22	52	54.7	12.8	Rq~lBXKH15
	K14UB5B	C2014	10	25.40193	07	34	22.87	+47	50	22.1	19.3	Rq~lBWGH15	19740	C2014	10	25.49123	09	53	36.14	+21	21	27.4	19.2	Rq~lBZrH15
39700		C2014	10	25.40193	07	38	36.05	+47	26	40.6	18.4	Rq~lBc4H15	23321	C2014	10	25.49123	09	56	57.54	+22	39	14.8	19.8	Rq~lBaIH15
22793		C2014	10	25.40448	07	30	21.98	+44	36	01.9	18.3	Rq~lBaFH15	31791	C2014	10	25.49123	09	57	50.84	+22	02	55.6	20.3	Rq~lBbCH15
53431		C2014	10	25.40448	07	24	48.97	+43	58	40.3	17.2	Rq~lBdTH15	49396	C2014	10	25.49123	09	57	32.84	+21	55	32.5	18.6	Rq~lBd7H15
A8699		C2014	10	25.40448	07	26	14.52	+44	44	36.8	19.7	Rq~lBiNH15	50668	C2014	10	25.49123	09	56	46.97	+22	02	29.4	18.1	Rq~lBdEH15
A4367		C2014	10	25.40795	07	38	34.02	+46	22	10.4	18.9	Rq~lBi2H15	57605	C2014	10	25.49123	09	54	57.66	+22	08	26.3	18.7	Rq~lBdpH15
	K14T18H	C2014	10	25.41051	07	24	52.32	+42	29	07.2	19.7	Rq~lBU0H15		K13E23K	C2014	10	26.07330	00	07	06.21	+12	25	05.8	19.1	Rq~lBS0H15
A0078		C2014	10	25.41307	07	33	25.78	+43	23	03.2	18.8	Rq~lBhkH15	04554	C2014	10	26.07330	00	02	30.29	+12	36	22.1	15.9	Rq~lBXuH15
B6616		C2014	10	25.41307	07	36	18.45	+43	45	30.4	19.8	Rq~lBj9H15	07036	C2014	10	26.07330	00	02	03.25	+13	00	37.5	16.9	Rq~lBYGH15
G3818		C2014	10	25.41566	07	34	20.99	+42	49	13.0	17.5	Ro~lBmPH15	12684	C2014	10	26.07330	00	03	06.02	+12	19	48.4	17.3	Rq~lBYyH15
19982		C2014	10	25.41566	07	32	21.18	+42	01	26.6	15.8	Rq~lBZtH15	14210	C2014	10	26.07330	00	06	50.22	+12	41	38.0	17.6	Rq~lBZBH15
A4367		C2014	10	25.41881	07	38	34.18	+46	22	14.9	19.4	Rq~lBi2H15	15679	C2014	10	26.07330	00	00	42.64	+12	03	46.1	18.3	Rq~lBZMH15
	K14T18H	C2014	10	25.42154	07	24	52.99	+42	29	19.1	19.6	Rq~lBU0H15	54825	C2014	10	26.07330	00	02	39.30	+11	54	56.9	19.3	Rq~lBdbH15
A0078		C2014	10	25.42406	07	33	26.35	+43	23	05.4	19.6	Rq~lBhkH15	63521	C2014	10	26.07330	00	01	46.80	+13	03	35.4	17.5	Rq~lBeNH15
B6616		C2014	10	25.42406	07	36	18.89	+43	45	35.3	20.4	Rq~lBj9H15	77312	C2014	10	26.07330	00	01	27.54	+12	20	50.7	20.1	Rq~lBfvH15

A5334	C2014 10 26.07330 00 01 05.22 +11 46 10.8	18.3 Rq~lBi9H15
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C1498	C2014 10 26.07330 00 04 54.48 +12 21 21.7	18.5 Rq~lBjUH15
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J1474	C2014 10 26.07330 00 06 27.02 +13 06 06.2	19.2 Rq~lBoBH15
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L9450	C2014 10 26.07330 00 04 21.32 +12 53 42.6	19.8 Rq~lBpWH15
P7061	C2014 10 26.07330 00 06 30.17 +12 26 00.9	19.3 Rq~lBrQH15
Q4253	C2014 10 26.07330 00 06 31.67 +12 38 30.7	18.7 Rq~lBrwH15
Q5066	C2014 10 26.07330 00 05 03.87 +12 24 06.7	19.4 Rq~lBs0H15
S5688	C2014 10 26.07330 00 02 56.96 +12 57 34.8	18.3 Rq~lBsiH15
U8013	C2014 10 26.07330 00 06 12.46 +12 36 14.1	18.9 Rq~lBtKH15
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P2454	C2014 10 26.07582 00 02 29.99 +14 15 52.3	18.7 Rq~lBr3H15
P2473	C2014 10 26.07582 00 07 15.36 +15 02 50.1	19.8 Rq~lBr3H15
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66950	C2014 10 26.07846 00 06 53.88 +15 17 12.5	18.8 Rq~lBehH15
67993	C2014 10 26.07846 00 07 30.07 +16 28 48.3	17.9 Rq~lBepH15
71272	C2014 10 26.07846 00 05 27.40 +15 21 50.8	19.3 Rq~lBfEH15
81492	C2014 10 26.07846 00 04 55.89 +16 57 15.7	18.4 Rq~lBgFH15
B7536	C2014 10 26.07846 00 05 52.60 +16 26 25.0	19.5 Rq~lBjCH15
C2865	C2014 10 26.07846 00 04 27.33 +16 02 03.3	18.0 Rq~lBjZH15
D7085	C2014 10 26.07846 00 04 10.96 +15 54 49.6	19.4 Rq~lBkfH15
J1395	C2014 10 26.07846 00 00 46.47 +15 15 18.1	19.4 Rq~lBoAH15
P4997	C2014 10 26.07846 00 06 33.30 +16 21 23.4	20.0 Rq~lBrGH15
a3389	C2014 10 26.07846 00 02 40.65 +15 31 40.5	19.2 Rq~lBvQH15
f0048	C2014 10 26.07846 00 01 54.52 +16 02 12.2	19.1 Rq~lBwjH15
13010	C2014 10 26.08094 00 06 50.63 +17 41 31.2	16.1 Rq~lBZ1H15
25731	C2014 10 26.08094 00 04 51.90 +18 10 07.1	17.5 Rq~lBaXH15
51225	C2014 10 26.08094 00 06 32.88 +17 15 36.4	17.7 Rq~lBdIH15
56783	C2014 10 26.08094 00 03 13.14 +17 00 45.5	18.3 Rq~lBdlH15
N6986	C2014 10 26.08094 00 02 34.95 +17 01 35.4	18.9 Rq~lBqPH15
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L9450	C2014 10 26.08381 00 04 21.11 +12 53 35.7	18.9 Rq~lBpWH15
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Q4253	C2014 10 26.08381 00 06 31.32 +12 38 27.6	18.4 Rq~lBrwH15
S5688	C2014 10 26.08381 00 02 56.32 +12 57 37.2	18.7 Rq~lBsiH15
U8013	C2014 10 26.08381 00 06 12.14 +12 36 11.5	19.4 Rq~lBtLH15
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C2865	C2014 10 26.08947 00 04 27.06 +16 01 55.0	17.9 Rq~lBjZH15
D7085	C2014 10 26.08947 00 04 10.65 +15 54 43.3	19.5 Rq~lBkfH15
J1395	C2014 10 26.08947 00 00 46.11 +15 15 15.7	19.8 Rq~lBoAH15
P4997	C2014 10 26.08947 00 06 32.96 +16 21 15.6	19.1 Rq~lBrGH15
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f0048	C2014 10 26.08947 00 01 54.11 +16 02 09.6	19.5 Rq~lBwjH15
13010	C2014 10 26.09199 00 06 50.20 +17 41 28.7	16.1 Rq~lBZ1H15
25731	C2014 10 26.09199 00 04 51.57 +18 10 01.8	17.4 Rq~lBaXH15
51225	C2014 10 26.09199 00 06 32.49 +17 15 29.7	17.8 Rq~lBdIH15
56783	C2014 10 26.09199 00 03 12.84 +17 00 39.8	18.7 Rq~lBdlH15
N6986	C2014 10 26.09199 00 02 34.54 +17 01 34.2	19.7 Rq~lBqPH15
P4398	C2014 10 26.09199 00 04 08.06 +16 59 52.6	20.1 Rq~lBrDH15
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15679	C2014 10 26.09541 00 00 42.00 +12 03 35.0	18.6 Rq~lBZMH15
23822	C2014 10 26.09541 00 04 23.68 +11 56 52.6	17.9 Rq~lBaLH15
54825	C2014 10 26.09541 00 02 38.61 +11 54 51.5	18.6 Rq~lBdbH15
63521	C2014 10 26.09541 00 01 46.18 +13 03 17.6	17.4 Rq~lBeNH15
77312	C2014 10 26.09541 00 01 26.75 +12 20 44.5	19.7 Rq~lBfvH15
A5334	C2014 10 26.09541 00 01 04.64 +11 46 04.3	18.0 Rq~lBi9H15
A8317	C2014 10 26.09541 00 01 30.52 +12 02 29.0	19.4 Rq~lBiMH15
C1498	C2014 10 26.09541 00 04 53.59 +12 21 18.3	18.7 Rq~lBjUH15
E6157	C2014 10 26.09541 00 05 56.28 +12 58 22.7	18.6 Rq~lBlCH15
J1474	C2014 10 26.09541 00 06 26.16 +13 06 01.2	19.1 Rq~lBoBH15
L3852	C2014 10 26.09541 00 06 01.41 +12 03 46.2	18.8 Rq~lBp9H15
L9450	C2014 10 26.09541 00 04 20.85 +12 53 27.1	18.7 Rq~lBpWH15
P7061	C2014 10 26.09541 00 06 29.44 +12 25 52.2	19.4 Rq~lBrQH15
Q4253	C2014 10 26.09541 00 06 30.84 +12 38 23.1	19.3 Rq~lBrwH15
Q5066	C2014 10 26.09541 00 05 03.12 +12 24 01.9	19.3 Rq~lBs0H15
S5688	C2014 10 26.09541 00 02 55.61 +12 57 39.3	18.8 Rq~lBsiH15
U8013	C2014 10 26.09541 00 06 11.72 +12 36 08.5	19.0 Rq~lBtLH15
W6758	C2014 10 26.09541 00 02 07.39 +12 38 34.3	19.8 Rq~lBuZH15
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35929	C2014 10 26.09792 00 04 41.41 +13 29 09.6	17.5 Rq~lBbeH15
42808	C2014 10 26.09792 00 05 20.15 +14 53 04.2	16.0 Rq~lBcRH15
55902	C2014 10 26.09792 00 05 46.05 +14 50 38.8	17.7 Rq~lBdgH15
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D3497	C2014 10 26.09792 00 05 07.06 +14 45 48.7	19.0 Rq~lBkOH15
P2454	C2014 10 26.09792 00 02 29.34 +14 15 42.4	18.7 Rq~lBr3H15
P2473	C2014 10 26.09792 00 07 15.14 +15 02 33.9	19.1 Rq~lBr3H15
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81492	C2014 10 26.10053 00 04 55.21 +16 57 01.9	19.1 Rq~lBgFH15
B7536	C2014 10 26.10053 00 05 51.92 +16 26 18.1	19.1 Rq~lBjCH15
C2865	C2014 10 26.10053 00 04 26.79 +16 01 46.7	18.1 Rq~lBjZH15
D7085	C2014 10 26.10053 00 04 10.29 +15 54 36.7	19.4 Rq~lBkfH15
J1395	C2014 10 26.10053 00 00 45.62 +15 15 14.9	19.8 Rq~lBoAH15
P4997	C2014 10 26.10053 00 06 32.62 +16 21 08.7	20.1 Rq~lBrGH15
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13010	C2014 10 26.10311 00 06 49.76 +17 41 26.1	16.1 Rq~lBZ1H15
25731	C2014 10 26.10311 00 04 51.26 +18 09 56.5	17.5 Rq~lBaXH15
51225	C2014 10 26.10311 00 06 32.07 +17 15 22.6	17.8 Rq~lBdIH15
56783	C2014 10 26.10311 00 03 12.52 +17 00 33.8	18.6 Rq~lBdlH15
N6986	C2014 10 26.10311 00 02 34.02 +17 01 32.7	19.0 Rq~lBqPH15
P4398	C2014 10 26.10311 00 04 07.83 +16 59 47.6	19.6 Rq~lBrDH15
R3094	C2014 10 26.10311 00 03 54.85 +18 22 40.8	20.2 Rq~lBsPH15
f1375	C2014 10 26.10311 00 05 06.32 +18 37 55.2	19.2 Rq~lBwxH15
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04554	C2014 10 26.10632 00 02 29.34 +12 36 09.8	15.9 Rq~lBXuH15
07036	C2014 10 26.10632 00 02 02.22 +13 00 26.6	17.0 Rq~lBYGH15
12684	C2014 10 26.10632 00 03 04.72 +12 19 39.6	17.7 Rq~lBYyH15
14210	C2014 10 26.10632 00 06 48.85 +12 41 30.7	17.8 Rq~lBZBH15
23822	C2014 10 26.10632 00 04 23.36 +11 56 47.8	17.8 Rq~lBaLH15
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77312	C2014 10 26.10632 00 01 26.25 +12 20 40.9	19.2 Rq~lBfvH15
A5334	C2014 10 26.10632 00 01 04.33 +11 46 01.5	18.1 Rq~lBi9H15
A8317	C2014 10 26.10632 00 01 30.12 +12 02 25.2	19.0 Rq~lBiMH15
C1498	C2014 10 26.10632 00 04 53.17 +12 21 16.6	18.4 Rq~lBjUH15
E6157	C2014 10 26.10632 00 05 55.95 +12 58 18.6	18.5 Rq~lBlCH15
J1474	C2014 10 26.10632 00 06 25.80 +13 05 59.4	18.8 Rq~lBoBH15
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U8013	C2014 10 26.10632 00 06 11.27 +12 36 07.4	19.3 Rq~lBtLH15
W6758	C2014 10 26.10632 00 02 07.04 +12 38 29.7	19.8 Rq~lBuZH15
22845	C2014 10 26.10887 00 07 02.55 +14 42 48.5	18.0 Rq~lBaFH15
35929	C2014 10 26.10887 00 04 41.06 +13 29 04.2	17.7 Rq~lBbeH15
42808	C2014 10 26.10887 00 05 20.08 +14 52 47.0	16.1 Rq~lBcRH15
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A1555	C2014 10 26.10887 00 04 36.63 +14 58 26.8	18.0 Rq~lBhpH15
D3497	C2014 10 26.10887 00 05 06.59 +14 45 47.2	18.9 Rq~lBkOH15
P2454	C2014 10 26.10887 00 02 28.95 +14 15 37.7	17.9 Rq~lBr3H15
P2473	C2014 10 26.10887 00 07 14.93 +15 02 25.9	19.2 Rq~lBr3H15
K01TL4H	C2014 10 26.11154 00 04 10.44 +16 07 16.0	18.8 Rq~lBPYH15
16819	C2014 10 26.11154 00 05 28.68 +15 33 19.6	16.8 Rq~lBZVH15
66950	C2014 10 26.11154 00 06 52.71 +15 17 03.2	18.7 Rq~lBehH15
67993	C2014 10 26.11154 00 07 28.76 +16 28 35.3	18.1 Rq~lBepH15
71272	C2014 10 26.11154 00 05 26.29 +15 21 41.8	19.3 Rq~lBfEH15
81492	C2014 10 26.11154 00 04 54.85 +16 56 55.3	18.5 Rq~lBgFH15
B7536	C2014 10 26.11154 00 05 51.53 +16 26 14.5	18.7 Rq~lBjCH15
D7085	C2014 10 26.11154 00 04 09.94 +15 54 30.3	18.7 Rq~lBkfH15
J1395	C2014 10 26.11154 00 00 45.23 +15 15 12.4	20.2 Rq~lBoAH15
P4997	C2014 10 26.11154 00 06 32.26 +16 21 02.8	19.7 Rq~lBrGH15
a3389	C2014 10 26.11154 00 02 40.36 +15 31 14.4	19.2 Rq~lBvQH15
f0048	C2014 10 26.11154 00 01 53.12 +16 02 05.9	19.4 Rq~lBwjH15
13010	C2014 10 26.11405 00 06 49.33 +17 41 23.5	16.0 Rq~lBZ1H15
25731	C2014 10 26.11405 00 04 50.93 +18 09 51.2	17.4 Rq~lBaXH15
51225	C2014 10 26.11405 00 06 31.68 +17 15 15.7	17.8 Rq~lBdIH15
56783	C2014 10 26.11405 00 03 12.16 +17 00 28.6	18.3 Rq~lBdlH15
P4398	C2014 10 26.11405 00 04 07.48 +16 59 43.7	20.4 Rq~lBrDH15
R3094	C2014 10 26.11405 00 03 54.24 +18 22 39.5	19.1 Rq~lBsPH15
f1375	C2014 10 26.11405 00 05 05.92 +18 37 49.2	19.4 Rq~lBwxH15
K05Um1Y	C2014 10 26.11749 00 11 33.62 +13 02 54.4	19.4 Rq~lBQCH15
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10645	C2014 10 26.11749 00 10 51.98 +12 06 39.6	14.7 Rq~lBYiH15
28164	C2014 10 26.11749 00 13 22.18 +12 07 53.6	17.8 Rq~lBaoH15
32715	C2014 10 26.11749 00 10 41.91 +12 45 26.3	18.0 Rq~lBbHH15

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66140	C2014 10 26.11749 00 14 25.91 +12 24 54.2	17.3 Rq~lBecH15	
81737	C2014 10 26.11749 00 09 09.18 +12 06 51.9	19.5 Rq~lBgIH15	
88183	C2014 10 26.11749 00 14 27.50 +12 44 20.0	16.8 Rq~lBgjH15	
88340	C2014 10 26.11749 00 09 19.35 +11 48 15.4	17.8 Rq~lBgkH15	
89506	C2014 10 26.11749 00 10 48.82 +12 24 17.0	19.4 Rq~lBgrH15	
96916	C2014 10 26.11749 00 09 29.21 +12 18 54.1	18.5 Rq~lBhPH15	
97354	C2014 10 26.11749 00 11 07.22 +13 17 12.9	18.0 Rq~lBhRH15	
A4969	C2014 10 26.11749 00 09 56.28 +11 54 12.9	18.0 Rq~lBi6H15	
B9712	C2014 10 26.11749 00 14 44.31 +12 45 23.5	19.0 Rq~lBjMH15	
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I5321	C2014 10 26.11749 00 08 47.44 +12 28 20.4	19.5 Rq~lBnmH15	
I7215	C2014 10 26.11749 00 08 52.70 +13 04 11.7	19.1 Rq~lBntH15	
J2109	C2014 10 26.11749 00 10 40.26 +12 36 07.1	19.8 Rq~lBoEH15	
W4532	C2014 10 26.11749 00 07 57.01 +12 59 50.4	19.8 Rq~lBuMH15	
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e9042	C2014 10 26.11749 00 14 57.10 +12 37 34.4	20.0 Rq~lBwWH15	
e9114	C2014 10 26.11749 00 10 37.83 +12 53 11.2	19.9 Rq~lBwXH15	
e9977	C2014 10 26.11749 00 11 06.86 +11 56 39.6	18.5 Rq~lBwiH15	
f1800	C2014 10 26.11749 00 13 24.89 +11 52 33.4	20.0 Rq~lBx1H15	
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16058	C2014 10 26.12006 00 08 35.68 +14 32 51.3	16.0 Rq~lBZPH15	
23778	C2014 10 26.12006 00 12 20.68 +14 06 26.9	16.1 Rq~lBaLH15	
28455	C2014 10 26.12006 00 09 37.47 +13 31 24.4	17.9 Rq~lBaqH15	
64593	C2014 10 26.12006 00 13 43.98 +14 33 21.4	19.6 Rq~lBeTH15	
66992	C2014 10 26.12006 00 14 05.53 +13 35 10.4	19.2 Rq~lBeiH15	
A9140	C2014 10 26.12006 00 07 52.21 +14 49 24.1	18.4 Rq~lBiQH15	
B5007	C2014 10 26.12006 00 11 38.39 +13 55 37.0	17.7 Rq~lBiyH15	
K5682	C2014 10 26.12006 00 13 39.18 +13 33 59.0	19.2 Rq~lBojH15	
L3267	C2014 10 26.12006 00 13 36.01 +14 01 16.9	18.9 Rq~lBp7H15	
L4383	C2014 10 26.12006 00 07 55.46 +13 49 58.5	19.2 Rq~lBpCH15	
L7539	C2014 10 26.12006 00 13 13.71 +14 05 36.9	19.3 Rq~lBpOH15	
M0347	C2014 10 26.12006 00 11 25.38 +14 07 48.4	19.2 Rq~lBpZH15	
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W5896	C2014 10 26.12006 00 13 18.24 +13 48 51.8	18.5 Rq~lBuVH15	
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K06V28A	C2014 10 26.12257 00 11 36.67 +15 38 02.7	19.8 Rq~lBQQH15	
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W7889         C2014 10 26.23177 00 26 19.82 +11 47 44.8          19.3 Rq~lBugH15
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53605         C2014 10 26.23426 00 26 49.33 +15 25 15.5          18.6 Rq~lBdUH15
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72762         C2014 10 26.23678 00 28 02.37 +17 42 18.3          18.5 Rq~lBfQH15
84672         C2014 10 26.23678 00 28 45.61 +18 42 47.1          17.8 Rq~lBgTH15
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T6932         C2014 10 26.23678 00 25 18.97 +17 36 08.6          19.8 Rq~lBtAH15
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59234	C2014 10 26.23969 00 25 11.34 +14 23 54.8	18.3	Rq~lBdxH15	W7912	C2014 10 26.26973 04 48 06.75 +02 05 05.3	19.3	Rq~lBugH15
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69943	C2014 10 26.23969 00 28 03.94 +14 04 19.6	18.0	Rq~lBf4H15	e9035	C2014 10 26.26973 04 51 41.58 +01 25 36.4	18.9	Rq~lBwWH15
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E3562	C2014 10 26.23969 00 23 50.66 +13 45 20.4	17.2	Rq~lBl2H15	40617	C2014 10 26.27569 04 56 58.89 +03 20 47.1	17.7	Rq~lBcCH15
E4586	C2014 10 26.23969 00 26 25.56 +15 00 05.5	17.0	Rq~lBl5H15	88533	C2014 10 26.27569 04 55 16.93 +03 39 31.9	17.8	Rq~lBglH15
G2556	C2014 10 26.23969 00 27 00.10 +13 32 56.0	18.0	Rq~lBmJH15	M9003	C2014 10 26.27569 04 55 35.64 +04 02 08.5	18.8	Rq~lBqAH15
K6965	C2014 10 26.23969 00 28 25.43 +14 16 08.5	19.8	Rq~lBomH15	W7626	C2014 10 26.27569 04 53 53.64 +03 36 09.8	19.7	Rq~lBufH15
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O7590	C2014 10 26.23969 00 23 34.45 +15 00 33.6	18.4	Rq~lBqjH15	30401	C2014 10 26.27819 04 48 25.42 +02 25 26.5	17.4	Rq~lBb2H15
P0644	C2014 10 26.23969 00 23 34.72 +13 55 25.8	19.0	Rq~lBqwH15	97246	C2014 10 26.27819 04 48 30.00 +02 53 06.1	17.1	Rq~lBhQH15
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96253	C2014 10 26.24272 00 24 18.52 +12 47 46.6	18.6	Rq~lBhLH15	W7626	C2014 10 26.28663 04 53 53.40 +03 36 03.1	19.9	Rq~lBufH15
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I6976	C2014 10 26.24272 00 24 03.64 +12 37 28.7	19.5	Rq~lBnsH15	A4921	C2014 10 26.29167 04 47 00.85 +02 18 57.1	18.9	Rq~lBi6H15
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14237	C2014 10 26.25074 00 28 09.56 +17 34 36.9	16.1	Rq~lBZBH15	M9003	C2014 10 26.29759 04 55 35.11 +04 02 06.6	18.5	Rq~lBqAH15
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C6307	C2014 10 26.25074 00 27 20.45 +18 04 50.5	19.5	Rq~lBjnH15	84845	C2014 10 26.30267 04 56 48.88 +00 42 07.0	18.4	Rq~lBgUH15
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26913	C2014 10 26.25872 04 48 02.85 +01 21 04.8	17.0	Rq~lBagH15	85865	C2014 10 26.31961 05 03 05.84 +01 36 29.8	17.7	Rq~lBgYH15
A4921	C2014 10 26.25872 04 47 01.69 +02 19 01.7	18.7	Rq~lBi6H15	M1062	C2014 10 26.31961 05 02 25.31 +01 23 15.3	19.9	Rq~lBpcH15
V5454	C2014 10 26.25872 04 51 24.59 +01 02 44.6	18.4	Rq~lBtiH15	P0263	C2014 10 26.31961 05 01 12.58 +01 38 15.6	18.7	Rq~lBquH15
W7912	C2014 10 26.25872 04 48 06.95 +02 05 07.8	19.1	Rq~lBugH15	02326	C2014 10 26.32216 04 57 57.11 -00 14 30.2	13.7	Rq~lBXaH15
a0592	C2014 10 26.25872 04 50 37.53 +01 34 06.7	18.9	Rq~lBvHH15	06974	C2014 10 26.32216 04 53 37.24 -00 47 33.8	15.0	Rq~lBYFH15
e9035	C2014 10 26.25872 04 51 42.01 +01 25 38.3	19.2	Rq~lBwWH15	B7532	C2014 10 26.32216 04 57 14.49 +00 18 09.5	18.9	Rq~lBjCH15
J2418	C2014 10 26.26125 04 46 54.66 +00 29 40.8	18.4	Rq~lBoFH15	84845	C2014 10 26.32470 04 56 48.33 +00 41 59.2	18.5	Rq~lBgUH15
R1259	C2014 10 26.26125 04 49 50.16 -00 24 17.6	18.5	Rq~lBsLH15	86010	C2014 10 26.32470 04 55 48.47 +01 50 58.1	19.0	Rq~lBgZH15
40617	C2014 10 26.26376 04 56 59.09 +03 20 52.5	17.8	Rq~lBcCH15	C3165	C2014 10 26.32470 04 57 43.71 +02 07 38.6	17.6	Rq~lBjbH15
88533	C2014 10 26.26376 04 55 17.13 +03 39 35.1	17.6	Rq~lBglH15	P0247	C2014 10 26.32470 04 53 46.44 +01 05 03.4	17.9	Rq~lBqtH15
M9003	C2014 10 26.26376 04 55 35.95 +04 02 08.8	19.6	Rq~lBqAH15	P8477	C2014 10 26.32470 04 59 29.48 +00 44 28.6	18.7	Rq~lBrZH15
W7626	C2014 10 26.26376 04 53 53.98 +03 36 14.5	19.7	Rq~lBufH15	a0537	C2014 10 26.32470 04 58 28.72 +01 02 01.6	20.1	Rq~lBvHH15
b1342	C2014 10 26.26376 04 56 46.93 +04 05 23.3	19.4	Rq~lBvsH15	e9461	C2014 10 26.32470 04 57 00.32 +01 40 21.6	19.4	Rq~lBwcH15
28599	C2014 10 26.26679 04 51 59.05 +02 31 49.9	19.3	Rq~lBaqH15	37317	C2014 10 26.32855 05 04 33.06 -00 17 59.2	16.6	Rq~lBboH15
30401	C2014 10 26.26679 04 48 25.73 +02 25 28.8	17.6	Rq~lBb2H15	53964	C2014 10 26.32855 05 03 28.64 -00 31 19.5	18.6	Rq~lBdWH15
97246	C2014 10 26.26679 04 48 30.21 +02 53 07.2	17.1	Rq~lBhQH15	58017	C2014 10 26.32855 05 06 52.40 +00 12 37.0	18.7	Rq~lBdqH15
a3900	C2014 10 26.26679 04 51 46.83 +02 56 13.5	18.8	Rq~lBvTH15	59172	C2014 10 26.32855 05 03 48.76 +00 10 20.5	19.1	Rq~lBdwH15
26913	C2014 10 26.26973 04 48 02.71 +01 20 59.1	17.1	Rq~lBagH15	84735	C2014 10 26.32855 05 01 57.46 +00 35 37.6	19.6	Rq~lBgTH15

01094	C2014 10 26.33112 05 06 23.78 +00 53 24.1	15.5	Rq~lBXNH15	T3115	C2014 10 27.07255 00 10 58.09 -02 02 38.3	19.0	Rq~lBtlH15
85865	C2014 10 26.33112 05 03 05.73 +01 36 25.5	17.8	Rq~lBgYH15	U7543	C2014 10 27.07255 00 08 39.81 -02 33 20.7	19.5	Rq~lBtJH15
M1062	C2014 10 26.33112 05 02 25.14 +01 23 09.6	19.0	Rq~lBpcH15	W3805	C2014 10 27.07255 00 09 57.75 -01 36 10.2	18.9	Rq~lBuHH15
P0263	C2014 10 26.33112 05 01 12.61 +01 38 12.0	18.5	Rq~lBquH15	05128	C2014 10 27.07520 00 11 12.89 -03 51 21.7	16.7	Rq~lBXzH15
02326	C2014 10 26.33362 04 57 56.94 -00 14 35.5	13.7	Rq~lBXaH15	12541	C2014 10 27.07520 00 08 40.27 -04 31 53.0	18.2	Rq~lBYxH15
06974	C2014 10 26.33362 04 53 37.01 -00 47 40.3	15.0	Rq~lBYFH15	14349	C2014 10 27.07520 00 09 34.14 -02 54 17.5	17.0	Rq~lBZCH15
B7532	C2014 10 26.33362 04 57 14.22 +00 18 07.0	18.5	Rq~lBjCH15	21876	C2014 10 27.07520 00 11 08.90 -03 25 48.7	17.8	Rq~lBa8H15
84845	C2014 10 26.33619 04 56 48.05 +00 41 55.1	18.9	Rq~lBgUH15	31632	C2014 10 27.07520 00 10 52.36 -03 19 27.1	18.0	Rq~lBbAH15
86010	C2014 10 26.33619 04 55 48.19 +01 50 54.0	18.7	Rq~lBgZH15	43193	C2014 10 27.07520 00 10 08.04 -02 50 28.1	19.7	Rq~lBcUH15
C3165	C2014 10 26.33619 04 57 43.60 +02 07 32.8	17.5	Rq~lBjbH15	43650	C2014 10 27.07520 00 07 47.61 -03 34 07.8	18.1	Rq~lBcXH15
P0247	C2014 10 26.33619 04 53 46.28 +01 04 59.5	17.9	Rq~lBqtH15	44466	C2014 10 27.07520 00 09 17.22 -03 14 12.0	18.6	Rq~lBcbH15
P8477	C2014 10 26.33619 04 59 29.39 +00 44 25.8	19.1	Rq~lBrZH15	46159	C2014 10 27.07520 00 09 46.98 -04 10 51.6	18.9	Rq~lBcnH15
a0537	C2014 10 26.33619 04 58 28.41 +01 01 45.5	19.8	Rq~lBvHH15	48427	C2014 10 27.07520 00 11 25.85 -04 24 22.7	16.4	Rq~lBd3H15
e9461	C2014 10 26.33619 04 57 00.05 +01 40 16.9	19.6	Rq~lBwcH15	58603	C2014 10 27.07520 00 09 50.00 -03 49 08.4	16.6	Rq~lBdtH15
37317	C2014 10 26.34045 05 04 32.89 -00 18 05.2	16.5	Rq~lBboH15	60821	C2014 10 27.07520 00 11 19.54 -03 56 18.3	18.0	Rq~lBe6H15
53964	C2014 10 26.34045 05 03 28.45 -00 31 24.7	18.2	Rq~lBdWH15	61107	C2014 10 27.07520 00 09 21.76 -03 51 39.5	18.0	Rq~lBe8H15
58017	C2014 10 26.34045 05 06 52.20 +00 12 34.1	18.2	Rq~lBdqH15	63133	C2014 10 27.07520 00 09 05.23 -03 51 18.7	16.4	Rq~lBeLH15
59172	C2014 10 26.34045 05 03 48.59 +00 10 16.0	19.5	Rq~lBdwH15	89218	C2014 10 27.07520 00 13 43.28 -04 16 49.9	18.9	Rq~lBgpH15
84735	C2014 10 26.34045 05 01 57.16 +00 35 31.8	19.3	Rq~lBgTH15	89223	C2014 10 27.07520 00 14 02.31 -03 00 06.7	18.0	Rq~lBgqH15
01094	C2014 10 26.34299 05 06 23.69 +00 53 18.9	14.8	Rq~lBXNH15	94815	C2014 10 27.07520 00 10 27.97 -03 05 44.1	19.0	Rq~lBhEH15
85865	C2014 10 26.34299 05 03 05.58 +01 36 20.7	18.2	Rq~lBgYH15	A2376	C2014 10 27.07520 00 09 11.33 -03 43 08.4	19.3	Rq~lBhuH15
M1062	C2014 10 26.34299 05 02 25.04 +01 23 04.9	19.9	Rq~lBpcH15	A2649	C2014 10 27.07520 00 08 33.05 -02 54 38.8	19.1	Rq~lBhwH15
P0263	C2014 10 26.34299 05 01 12.59 +01 38 09.2	18.6	Rq~lBquH15	B1173	C2014 10 27.07520 00 07 53.46 -03 48 44.8	18.7	Rq~lBigH15
33893	C2014 10 26.34552 05 01 41.54 +03 52 51.9	17.2	Rq~lBbPH15	B4936	C2014 10 27.07520 00 12 59.20 -03 52 40.3	18.4	Rq~lBixH15
B4564	C2014 10 26.34552 05 02 03.11 +03 39 47.1	19.5	Rq~lBivH15	C6917	C2014 10 27.07520 00 09 46.48 -03 36 08.9	19.6	Rq~lBjpH15
K1328	C2014 10 26.34552 05 04 36.42 +03 23 24.6	19.4	Rq~lBoaH15	C8063	C2014 10 27.07520 00 14 32.99 -03 56 36.2	18.9	Rq~lBjvH15
15290	C2014 10 26.34804 05 11 24.80 -00 31 51.5	16.5	Rq~lBZJH15	C8230	C2014 10 27.07520 00 09 08.82 -02 56 55.1	18.8	Rq~lBjwH15
53286	C2014 10 26.35059 05 07 39.71 +01 16 17.6	17.0	Rq~lBdSH15	D0448	C2014 10 27.07520 00 09 36.09 -03 25 55.6	19.6	Rq~lBk6H15
54389	C2014 10 26.35059 05 09 29.46 +02 09 40.1	18.8	Rq~lBdYH15	E6477	C2014 10 27.07520 00 09 10.97 -03 08 51.7	18.5	Rq~lBlDH15
B9231	C2014 10 26.35059 05 10 41.67 +02 21 50.5	19.5	Rq~lBjJH15	F5887	C2014 10 27.07520 00 12 12.62 -04 23 37.4	18.3	Rq~lBlsH15
f0635	C2014 10 26.35059 05 08 43.15 +02 11 25.4	19.4	Rq~lBwqH15	F7938	C2014 10 27.07520 00 12 23.55 -03 32 31.5	18.9	Rq~lBm0H15
65898	C2014 10 26.35313 05 07 23.76 +02 58 31.2	18.9	Rq~lBeaH15	H0289	C2014 10 27.07520 00 13 19.12 -03 27 17.0	17.6	Rq~lBmoH15
G1450	C2014 10 26.35313 05 10 58.81 +03 20 33.4	19.1	Rq~lBmFH15	H8915	C2014 10 27.07520 00 12 24.41 -03 13 07.6	17.9	Rq~lBnMH15
33893	C2014 10 26.35650 05 01 41.41 +03 52 47.0	17.1	Rq~lBbPH15	M3724	C2014 10 27.07520 00 12 24.69 -03 40 07.2	18.6	Rq~lBpnH15
B4564	C2014 10 26.35650 05 02 02.95 +03 39 43.3	19.2	Rq~lBivH15	S0293	C2014 10 27.07520 00 09 46.74 -02 54 57.2	19.9	Rq~lBscH15
K1328	C2014 10 26.35650 05 04 36.15 +03 23 21.3	19.0	Rq~lBoaH15	S0368	C2014 10 27.07520 00 10 23.90 -03 23 34.6	19.2	Rq~lBscH15
15290	C2014 10 26.35904 05 11 24.67 -00 31 56.9	16.6	Rq~lBZJH15	U6496	C2014 10 27.07520 00 08 31.43 -03 26 28.9	18.2	Rq~lBtGH15
53286	C2014 10 26.36249 05 07 39.55 +01 16 11.5	16.9	Rq~lBdSH15	V4122	C2014 10 27.07520 00 11 49.08 -03 03 20.4	19.8	Rq~lBtdH15
54389	C2014 10 26.36249 05 09 29.14 +02 09 36.4	19.4	Rq~lBdYH15	f4692K09WF6F	C2014 10 27.07840 00 10 14.40 -04 46 25.3	18.9	Rq~lBRGH15
f0635	C2014 10 26.36249 05 08 43.13 +02 11 19.4	19.8	Rq~lBwqH15	00005	C2014 10 27.07840 00 11 55.25 -05 15 55.3	10.0	Rq~lBXBH15
65898	C2014 10 26.36503 05 07 23.50 +02 58 28.2	18.6	Rq~lBeaH15	10344	C2014 10 27.07840 00 10 18.37 -05 09 57.3	16.5	Rq~lBYfH15
G1450	C2014 10 26.36503 05 10 58.49 +03 20 32.8	18.5	Rq~lBmFH15	12541	C2014 10 27.07840 00 08 40.15 -04 31 54.7	18.5	Rq~lBYxH15
33893	C2014 10 26.36758 05 01 41.27 +03 52 42.0	17.1	Rq~lBbPH15	19876	C2014 10 27.07840 00 09 29.29 -05 51 53.9	17.7	Rq~lBZsH15
B4564	C2014 10 26.36758 05 02 02.76 +03 39 39.5	19.5	Rq~lBivH15	31376	C2014 10 27.07840 00 14 29.90 -05 37 39.8	17.6	Rq~lBb8H15
K1328	C2014 10 26.36758 05 04 36.01 +03 23 18.2	18.9	Rq~lBoaH15	33532	C2014 10 27.07840 00 11 25.33 -06 07 45.0	17.9	Rq~lBbNH15
15290	C2014 10 26.37019 05 11 24.54 -00 32 02.4	16.5	Rq~lBZJH15	39975	C2014 10 27.07840 00 13 08.04 -04 45 00.8	18.2	Rq~lBc6H15
53286	C2014 10 26.37347 05 07 39.40 +01 16 05.8	17.1	Rq~lBdSH15	43746	C2014 10 27.07840 00 12 04.38 -06 00 08.7	17.2	Rq~lBcXH15
54389	C2014 10 26.37347 05 09 28.89 +02 09 33.6	19.5	Rq~lBdYH15	54879	C2014 10 27.07840 00 09 19.00 -05 11 03.6	17.5	Rq~lBdbH15
B9231	C2014 10 26.37347 05 10 41.32 +02 21 40.3	18.8	Rq~lBjJH15	60966	C2014 10 27.07840 00 08 14.49 -04 56 55.5	19.2	Rq~lBe7H15
f0635	C2014 10 26.37347 05 08 43.04 +02 11 12.0	19.9	Rq~lBwqH15	64346	C2014 10 27.07840 00 13 50.02 -05 21 02.9	19.3	Rq~lBeSH15
65898	C2014 10 26.37605 05 07 23.31 +02 58 24.2	18.8	Rq~lBeaH15	65237	C2014 10 27.07840 00 09 23.36 -05 50 15.5	18.2	Rq~lBeXH15
G1450	C2014 10 26.37605 05 10 58.23 +03 20 33.0	18.4	Rq~lBmFH15	65579	C2014 10 27.07840 00 10 33.83 -05 21 14.2	18.8	Rq~lBeYH15
33893	C2014 10 26.37863 05 01 41.13 +03 52 36.9	17.0	Rq~lBbPH15	67422	C2014 10 27.07840 00 10 48.28 -04 53 49.1	17.2	Rq~lBekH15
B4564	C2014 10 26.37863 05 02 02.56 +03 39 36.4	19.4	Rq~lBivH15	70733	C2014 10 27.07840 00 08 09.44 -04 35 21.6	17.3	Rq~lBfBH15
K1328	C2014 10 26.37863 05 04 35.73 +03 23 15.4	18.9	Rq~lBoaH15	71901	C2014 10 27.07840 00 08 45.74 -05 32 13.3	18.3	Rq~lBfKH15
15290	C2014 10 26.38126 05 11 24.41 -00 32 08.1	16.6	Rq~lBZJH15	72688	C2014 10 27.07840 00 08 36.81 -05 50 12.3	17.7	Rq~lBfPH15
53286	C2014 10 26.38470 05 07 39.25 +01 16 00.4	17.0	Rq~lBdSH15	B1107	C2014 10 27.07840 00 11 02.89 -04 35 44.5	18.2	Rq~lBifH15
54389	C2014 10 26.38470 05 09 28.70 +02 09 30.9	19.2	Rq~lBdYH15	B1809	C2014 10 27.07840 00 10 06.20 -05 03 06.8	19.3	Rq~lBikH15
B9231	C2014 10 26.38470 05 10 41.12 +02 21 34.8	19.4	Rq~lBjJH15	C0867	C2014 10 27.07840 00 13 07.13 -05 04 53.5	17.5	Rq~lBjRH15
f0635	C2014 10 26.38470 05 08 42.93 +02 11 05.0	20.1	Rq~lBwqH15	E3066	C2014 10 27.07840 00 12 20.56 -05 27 41.3	19.4	Rq~lBkzH15
65898	C2014 10 26.38722 05 07 23.15 +02 58 21.5	18.7	Rq~lBeaH15	E8849	C2014 10 27.07840 00 11 05.32 -05 50 37.5	18.9	Rq~lBlOH15
G1450	C2014 10 26.38722 05 10 57.98 +03 20 31.3	18.6	Rq~lBmFH15	E8977	C2014 10 27.07840 00 09 39.23 -05 46 11.2	19.3	Rq~lBlPH15
00578	C2014 10 27.07255 00 13 22.32 -01 19 03.3	11.9	Rq~lBXIH15	H7772	C2014 10 27.07840 00 11 51.62 -04 53 38.3	19.8	Rq~lBnJH15
11193	C2014 10 27.07255 00 13 16.80 -02 08 31.4	16.8	Rq~lBYnH15	I0506	C2014 10 27.07840 00 08 11.04 -05 10 10.3	19.3	Rq~lBnSH15
13363	C2014 10 27.07255 00 13 27.66 -02 25 57.3	17.1	Rq~lBZ4H15	J1537	C2014 10 27.07840 00 08 46.00 -04 41 54.6	19.6	Rq~lBoCH15
22583	C2014 10 27.07255 00 07 45.52 -01 41 46.4	17.8	Rq~lBaDH15	J5578	C2014 10 27.07840 00 09 00.80 -06 06 15.8	18.9	Rq~lBoIH15
24085	C2014 10 27.07255 00 09 14.28 -02 22 36.8	17.8	Rq~lBaNH15	K3319	C2014 10 27.07840 00 13 51.62 -06 07 28.0	18.5	Rq~lBoeH15
26528	C2014 10 27.07255 00 09 10.15 -01 07 30.0	17.8	Rq~lBadH15	M0611	C2014 10 27.07840 00 08 02.90 -04 38 26.3	18.0	Rq~lBpaH15
35235	C2014 10 27.07255 00 11 15.93 -01 51 57.7	19.4	Rq~lBbYH15	M2914	C2014 10 27.07840 00 09 12.45 -05 11 03.3	18.8	Rq~lBplH15
39478	C2014 10 27.07255 00 09 12.13 -02 08 27.0	19.0	Rq~lBc3H15	M4773	C2014 10 27.07840 00 10 29.25 -05 51 35.2	18.4	Rq~lBptH15
39596	C2014 10 27.07255 00 13 12.18 -02 35 58.8	17.9	Rq~lBc3H15	O5295	C2014 10 27.07840 00 12 11.24 -05 31 58.7	18.7	Rq~lBqdH15
41422	C2014 10 27.07255 00 13 26.62 -01 24 01.0	16.5	Rq~lBcIH15	U9732	C2014 10 27.07840 00 11 17.47 -04 59 32.9	19.3	Rq~lBtNH15
45500	C2014 10 27.07255 00 13 17.44 -01 59 09.3	19.7	Rq~lBciH15	08310	C2014 10 27.08106 00 09 18.95 -07 36 10.7	16.8	Rq~lBYRH15
45679	C2014 10 27.07255 00 10 52.94 -02 40 36.0	19.0	Rq~lBckH15	21917	C2014 10 27.08106 00 09 51.36 -06 56 24.8	19.0	Rq~lBa8H15
47652	C2014 10 27.07255 00 12 05.32 -01 01 12.9	19.6	Rq~lBcxH15	23888	C2014 10 27.08106 00 13 11.20 -07 02 25.7	16.7	Rq~lBaMH15
49785	C2014 10 27.07255 00 10 40.28 -02 18 05.5	20.2	Rq~lBdAH15	24962	C2014 10 27.08106 00 08 31.30 -06 29 56.4	17.6	Rq~lBaTH15
50579	C2014 10 27.07255 00 09 08.22 -02 25 19.6	18.0	Rq~lBdDH15	34282	C2014 10 27.08106 00 07 38.29 -06 20 46.4	20.0	Rq~lBbSH15
57419	C2014 10 27.07255 00 11 55.07 -02 19 11.4	18.9	Rq~lBdnH15	49243	C2014 10 27.08106 00 12 52.47 -06 28 56.2	18.0	Rq~lBd6H15
62546	C2014 10 27.07255 00 13 14.13 -02 01 43.8	18.2	Rq~lBeIH15	49627	C2014 10 27.08106 00 13 23.52 -07 15 28.7	17.4	Rq~lBd9H15
66303	C2014 10 27.07255 00 14 39.07 -02 15 48.7	18.9	Rq~lBeeH15	61718	C2014 10 27.08106 00 13 32.56 -07 00 24.4	18.2	Rq~lBeCH15
72494	C2014 10 27.07255 00 11 45.87 -01 38 43.2	17.8	Rq~lBfOH15	63792	C2014 10 27.08106 00 09 13.37 -07 37 05.7	19.1	Rq~lBeOH15
83010	C2014 10 27.07255 00 11 04.58 -01 16 00.9	19.5	Rq~lBgOH15	64976	C2014 10 27.08106 00 09 54.86 -06 30 55.4	19.1	Rq~lBeWH15
87374	C2014 10 27.07255 00 08 48.72 -02 02 54.9	17.9	Rq~lBgeH15	83667	C2014 10 27.08106 00 12 29.03 -06 34 47.4	18.5	Rq~lBgQH15
C8112	C2014 10 27.07255 00 10 07.36 -02 12 49.5	18.9	Rq~lBjvH15	A6611	C2014 10 27.08106 00 09 34.15 -06 43 28.6	18.8	Rq~lBiDH15
D9368	C2014 10 27.07255 00 09 58.18 -01 14 59.5	19.0	Rq~lBknH15	B7269	C2014 10 27.08106 00 07 48.79 -07 30 03.7	19.6	Rq~lBjAH15
E2545	C2014 10 27.07255 00 12 11.77 -02 20 32.7	17.5	Rq~lBkwH15	D6200	C2014 10 27.08106 00 10 57.70 -07 17 15.4	18.5	Rq~lBkaH15
E5817	C2014 10 27.07255 00 08 00.11 -01 43 27.3	17.7	Rq~lBlBH15	F8904	C2014 10 27.08106 00 09 49.13 -07 11 37.3	19.3	Rq~lBm4H15
F4126	C2014 10 27.07255 00 12 36.86 -02 03 31.6	19.8	Rq~lBllH15	K9097	C2014 10 27.08106 00 08 09.44 -07 01 30.2	18.0	Rq~lBotH15
F4957	C2014 10 27.07255 00 13 42.29 -01 52 53.7	19.3	Rq~lBloH15	N0710	C2014 10 27.08106 00 11 13.66 -07 56 59.4	19.7	Rq~lBqEH15
G2621	C2014 10 27.07255 00 12 39.02 -01 51 05.0	17.7	Rq~lBmKH15	P4243	C2014 10 27.08106 00 09 21.58 -07 40 25.0	18.4	Rq~lBrDH15
H0905	C2014 10 27.07255 00 13 15.24 -02 01 54.3	19.6	Rq~lBmqH15	S6523	C2014 10 27.08106 00 14 08.33 -06 35 37.8	20.0	Rq~lBskH15
I7345	C2014 10 27.07255 00 09 01.67 -01 54 04.9	19.4	Rq~lBnuH15	Z7711	C2014 10 27.08106 00 11 41.22 -06 27 09.8	18.5	Rq~lBvCH15
K8506	C2014 10 27.07255 00 11 24.61 -02 45 06.9	20.0	Rq~lBoqH15	a5236	C2014 10 27.08106 00 13 28.91 -07 43 58.9	20.3	Rq~lBvZH15
L3880	C2014 10 27.07255 00 12 11.99 -01 31 13.7	18.3	Rq~lBp9H15	00578	C2014 10 27.08360 00 13 21.94 -01 19 03.6	11.9	Rq~lBXIH15
L4051	C2014 10 27.07255 00 09 44.20 -01 10 34.6	19.6	Rq~lBpAH15	11193	C2014 10 27.08360 00 13 16.47 -02 08 33.3	16.8	Rq~lBYnH15
P6256	C2014 10 27.07255 00 11 30.05 -01 47 55.2	18.9	Rq~lBrMH15	13363	C2014 10 27.08360 00 13 27.32 -02 25 58.8	17.2	Rq~lBZ4H15
Q7592	C2014 10 27.07255 00 10 44.72 -01 51 20.4	19.7	Rq~lBsBH15	22583	C2014 10 27.08360 00 07 45.06 -01 41 45.3	17.6	Rq~lBaDH15

24085	C2014 10 27.08360 00 09 13.97 -02 22 40.1	18.2	Rq~lBaNH15	M0611	C2014 10 27.08950 00 08 02.77 -04 38 29.4	18.0	Rq~lBpaH15
26528	C2014 10 27.08360 00 09 09.85 -01 07 32.3	18.1	Rq~lBadH15	M2914	C2014 10 27.08950 00 09 12.08 -05 10 59.3	18.4	Rq~lBplH15
39478	C2014 10 27.08360 00 09 11.83 -02 08 30.7	19.3	Rq~lBc3H15	M4773	C2014 10 27.08950 00 10 28.86 -05 51 34.6	19.4	Rq~lBptH15
39596	C2014 10 27.08360 00 13 11.78 -02 36 00.2	17.8	Rq~lBc3H15	O5295	C2014 10 27.08950 00 12 10.85 -05 31 59.1	18.5	Rq~lBqdH15
41422	C2014 10 27.08360 00 13 26.37 -01 24 02.9	16.6	Rq~lBcIH15	Q1460	C2014 10 27.08950 00 11 02.49 -05 36 49.4	18.7	Rq~lBrmH15
45500	C2014 10 27.08360 00 13 17.05 -01 59 09.7	19.6	Rq~lBciH15	U9732	C2014 10 27.08950 00 11 17.22 -04 59 34.5	18.7	Rq~lBtNH15
45679	C2014 10 27.08360 00 10 52.66 -02 40 38.5	19.1	Rq~lBckH15	08310	C2014 10 27.09384 00 09 18.52 -07 36 11.9	16.9	Rq~lBYRH15
47652	C2014 10 27.08360 00 12 05.03 -01 01 15.8	18.9	Rq~lBcxH15	21917	C2014 10 27.09384 00 09 51.01 -06 56 25.3	18.7	Rq~lBa8H15
49785	C2014 10 27.08360 00 10 39.97 -02 18 07.3	19.3	Rq~lBdAH15	23888	C2014 10 27.09384 00 13 10.89 -07 02 27.9	16.6	Rq~lBaMH15
50579	C2014 10 27.08360 00 09 07.80 -02 25 22.9	18.3	Rq~lBdDH15	24962	C2014 10 27.09384 00 08 30.92 -06 29 56.5	18.0	Rq~lBaTH15
57419	C2014 10 27.08360 00 11 54.71 -02 19 15.3	19.7	Rq~lBdnH15	34282	C2014 10 27.09384 00 07 37.88 -06 20 47.7	18.9	Rq~lBbSH15
62546	C2014 10 27.08360 00 13 13.79 -02 01 46.9	18.4	Rq~lBeIH15	49243	C2014 10 27.09384 00 12 52.02 -06 28 56.4	17.7	Rq~lBd6H15
66303	C2014 10 27.08360 00 14 38.66 -02 15 48.5	19.4	Rq~lBeeH15	49627	C2014 10 27.09384 00 13 22.99 -07 15 27.7	17.4	Rq~lBd9H15
72494	C2014 10 27.08360 00 11 45.43 -01 38 42.0	18.7	Rq~lBfOH15	61718	C2014 10 27.09384 00 13 32.15 -07 00 26.2	18.4	Rq~lBeCH15
83010	C2014 10 27.08360 00 11 04.20 -01 16 00.8	19.1	Rq~lBgOH15	63792	C2014 10 27.09384 00 09 13.02 -07 37 10.4	19.1	Rq~lBeOH15
87374	C2014 10 27.08360 00 08 48.37 -02 02 54.2	18.7	Rq~lBgeH15	64976	C2014 10 27.09384 00 09 54.48 -06 30 55.0	19.0	Rq~lBeWH15
C8112	C2014 10 27.08360 00 10 07.07 -02 12 51.3	18.9	Rq~lBjvH15	83667	C2014 10 27.09384 00 12 28.55 -06 34 46.2	19.2	Rq~lBgQH15
D9368	C2014 10 27.08360 00 09 57.86 -01 15 00.6	18.8	Rq~lBknH15	A6611	C2014 10 27.09384 00 09 33.60 -06 43 28.2	19.5	Rq~lBiDH15
E2545	C2014 10 27.08360 00 12 11.54 -02 20 35.8	17.8	Rq~lBkwH15	B7269	C2014 10 27.09384 00 07 48.30 -07 30 04.0	19.6	Rq~lBjAH15
E5817	C2014 10 27.08360 00 07 59.78 -01 43 26.7	17.9	Rq~lBlBH15	D6200	C2014 10 27.09384 00 10 57.22 -07 17 15.1	18.7	Rq~lBkaH15
F4126	C2014 10 27.08360 00 12 36.60 -02 03 34.5	19.9	Rq~lBllH15	F8904	C2014 10 27.09384 00 09 48.86 -07 11 34.9	18.7	Rq~lBm4H15
F4957	C2014 10 27.08360 00 13 41.98 -01 52 57.0	19.3	Rq~lBloH15	K9097	C2014 10 27.09384 00 08 09.19 -07 01 28.9	17.8	Rq~lBotH15
G2621	C2014 10 27.08360 00 12 38.73 -01 51 07.7	18.0	Rq~lBmKH15	N0710	C2014 10 27.09384 00 11 13.30 -07 56 59.3	19.5	Rq~lBqEH15
H0905	C2014 10 27.08360 00 13 14.81 -02 01 55.9	19.1	Rq~lBmqH15	P4243	C2014 10 27.09384 00 09 21.19 -07 40 25.4	18.5	Rq~lBrDH15
I7345	C2014 10 27.08360 00 09 01.25 -01 54 06.5	19.1	Rq~lBnuH15	S6523	C2014 10 27.09384 00 14 07.94 -06 35 39.7	19.1	Rq~lBskH15
K8506	C2014 10 27.08360 00 11 24.06 -02 45 05.7	20.0	Rq~lBoqH15	Z7711	C2014 10 27.09384 00 11 40.98 -06 27 13.5	18.5	Rq~lBvCH15
L3880	C2014 10 27.08360 00 12 11.61 -01 31 14.7	18.4	Rq~lBp9H15	a5236	C2014 10 27.09384 00 13 28.49 -07 43 56.5	19.2	Rq~lBvZH15
L4051	C2014 10 27.08360 00 09 43.78 -01 10 38.2	19.7	Rq~lBpAH15	00578	C2014 10 27.09639 00 13 21.57 -01 19 04.3	12.7	Rq~lBXIH15
P6256	C2014 10 27.08360 00 11 29.83 -01 47 56.6	18.8	Rq~lBrMH15	11193	C2014 10 27.09639 00 13 16.06 -02 08 35.5	16.9	Rq~lBYnH15
Q7592	C2014 10 27.08360 00 10 44.45 -01 51 22.8	19.8	Rq~lBsBH15	13363	C2014 10 27.09639 00 13 26.96 -02 26 00.2	17.3	Rq~lBZ4H15
R7964	C2014 10 27.08360 00 11 54.83 -01 56 57.1	19.3	Rq~lBsZH15	22583	C2014 10 27.09639 00 07 44.64 -01 41 43.9	17.9	Rq~lBaDH15
T3115	C2014 10 27.08360 00 10 57.73 -02 02 41.7	19.1	Rq~lBtlH15	24085	C2014 10 27.09639 00 09 13.60 -02 22 43.6	17.6	Rq~lBaNH15
U7543	C2014 10 27.08360 00 08 38.87 -02 33 16.5	19.7	Rq~lBtJH15	26528	C2014 10 27.09639 00 09 09.45 -01 07 34.4	18.6	Rq~lBadH15
W3805	C2014 10 27.08360 00 09 57.11 -01 36 05.7	18.5	Rq~lBuHH15	35235	C2014 10 27.09639 00 11 15.18 -01 52 06.3	18.7	Rq~lBbYH15
05128	C2014 10 27.08623 00 11 12.48 -03 51 22.5	16.7	Rq~lBXzH15	39478	C2014 10 27.09639 00 09 11.34 -02 08 34.8	19.0	Rq~lBc3H15
12541	C2014 10 27.08623 00 08 39.98 -04 31 56.2	17.8	Rq~lBYxH15	39596	C2014 10 27.09639 00 13 11.32 -02 36 02.1	18.1	Rq~lBc3H15
14349	C2014 10 27.08623 00 09 33.85 -02 54 19.2	16.9	Rq~lBZCH15	41422	C2014 10 27.09639 00 13 26.06 -01 24 05.1	16.4	Rq~lBcIH15
21876	C2014 10 27.08623 00 11 08.50 -03 25 49.8	19.1	Rq~lBa8H15	45679	C2014 10 27.09639 00 10 52.20 -02 40 39.6	18.4	Rq~lBckH15
31632	C2014 10 27.08623 00 10 51.97 -03 19 30.3	18.1	Rq~lBbAH15	47652	C2014 10 27.09639 00 12 04.69 -01 01 19.8	19.7	Rq~lBcxH15
43193	C2014 10 27.08623 00 10 07.69 -02 50 31.8	19.0	Rq~lBcUH15	49785	C2014 10 27.09639 00 10 39.51 -02 18 08.6	20.3	Rq~lBdAH15
43650	C2014 10 27.08623 00 07 47.19 -03 34 08.8	17.8	Rq~lBcXH15	50579	C2014 10 27.09639 00 09 07.48 -02 25 26.5	18.2	Rq~lBdDH15
44466	C2014 10 27.08623 00 09 16.90 -03 14 12.9	18.1	Rq~lBcbH15	57419	C2014 10 27.09639 00 11 54.36 -02 19 19.7	19.3	Rq~lBdnH15
48427	C2014 10 27.08623 00 11 25.67 -04 24 27.5	16.5	Rq~lBd3H15	62546	C2014 10 27.09639 00 13 13.38 -02 01 51.4	18.3	Rq~lBeIH15
58603	C2014 10 27.08623 00 09 49.72 -03 49 03.4	16.5	Rq~lBdtH15	66303	C2014 10 27.09639 00 14 38.16 -02 15 48.3	19.6	Rq~lBeeH15
60821	C2014 10 27.08623 00 11 19.22 -03 56 19.9	17.5	Rq~lBe6H15	72494	C2014 10 27.09639 00 11 44.89 -01 38 41.7	18.6	Rq~lBfOH15
61107	C2014 10 27.08623 00 09 21.44 -03 51 41.5	17.6	Rq~lBe8H15	83010	C2014 10 27.09639 00 11 03.73 -01 16 02.6	18.9	Rq~lBgOH15
63133	C2014 10 27.08623 00 09 04.78 -03 51 13.9	16.4	Rq~lBeLH15	87374	C2014 10 27.09639 00 08 47.99 -02 02 54.9	18.9	Rq~lBgeH15
89218	C2014 10 27.08623 00 13 42.87 -04 16 49.5	18.6	Rq~lBgpH15	C8112	C2014 10 27.09639 00 10 06.71 -02 12 51.9	19.3	Rq~lBjvH15
89223	C2014 10 27.08623 00 14 02.03 -03 00 05.1	18.6	Rq~lBgqH15	D9368	C2014 10 27.09639 00 09 57.49 -01 15 02.1	18.7	Rq~lBknH15
94815	C2014 10 27.08623 00 10 27.68 -03 05 45.1	18.9	Rq~lBhEH15	E2545	C2014 10 27.09639 00 12 11.18 -02 20 39.3	17.6	Rq~lBkwH15
A2649	C2014 10 27.08623 00 08 32.62 -02 54 37.6	18.9	Rq~lBhwH15	E5817	C2014 10 27.09639 00 07 59.35 -01 43 26.0	17.8	Rq~lBlBH15
B1173	C2014 10 27.08623 00 07 53.15 -03 48 48.9	18.3	Rq~lBigH15	F4126	C2014 10 27.09639 00 12 36.16 -02 03 36.8	19.5	Rq~lBllH15
B4936	C2014 10 27.08623 00 12 58.76 -03 52 39.7	18.5	Rq~lBixH15	G2621	C2014 10 27.09639 00 12 38.45 -01 51 09.8	18.3	Rq~lBmKH15
C6917	C2014 10 27.08623 00 09 46.03 -03 36 09.9	19.2	Rq~lBjpH15	H0905	C2014 10 27.09639 00 13 14.22 -02 01 58.7	19.0	Rq~lBmqH15
C8063	C2014 10 27.08623 00 14 32.62 -03 56 38.1	18.6	Rq~lBjvH15	I7345	C2014 10 27.09639 00 09 00.85 -01 54 08.7	19.7	Rq~lBnuH15
C8230	C2014 10 27.08623 00 09 08.60 -02 56 58.1	18.4	Rq~lBjwH15	K8506	C2014 10 27.09639 00 11 23.46 -02 45 04.8	20.0	Rq~lBoqH15
D0448	C2014 10 27.08623 00 09 35.81 -03 25 57.7	18.9	Rq~lBk6H15	L3880	C2014 10 27.09639 00 12 11.21 -01 31 16.1	17.7	Rq~lBp9H15
E6477	C2014 10 27.08623 00 09 10.63 -03 08 52.2	19.4	Rq~lBlDH15	L4051	C2014 10 27.09639 00 09 43.48 -01 10 43.1	19.3	Rq~lBpAH15
F5887	C2014 10 27.08623 00 12 12.22 -04 23 36.4	18.6	Rq~lBlsH15	P6256	C2014 10 27.09639 00 11 29.52 -01 47 58.3	19.0	Rq~lBrMH15
F7938	C2014 10 27.08623 00 12 23.19 -03 32 33.8	19.5	Rq~lBm0H15	Q7592	C2014 10 27.09639 00 10 44.05 -01 51 24.5	19.1	Rq~lBsBH15
H0289	C2014 10 27.08623 00 13 18.85 -03 27 17.0	18.3	Rq~lBmoH15	R7964	C2014 10 27.09639 00 11 54.30 -01 56 59.1	18.6	Rq~lBsZH15
H8915	C2014 10 27.08623 00 12 24.22 -03 13 11.6	18.2	Rq~lBnMH15	T3115	C2014 10 27.09639 00 10 57.46 -02 02 43.9	18.7	Rq~lBtlH15
M3724	C2014 10 27.08623 00 12 24.31 -03 40 09.5	19.2	Rq~lBpnH15	U7543	C2014 10 27.09639 00 08 37.96 -02 33 12.7	18.8	Rq~lBtJH15
M6387	C2014 10 27.08623 00 07 40.20 -04 13 00.9	19.4	Rq~lBpyH15	W3805	C2014 10 27.09639 00 09 56.35 -01 35 59.5	18.6	Rq~lBuHH15
S0293	C2014 10 27.08623 00 09 46.57 -02 55 08.9	19.3	Rq~lBscH15	05128	C2014 10 27.10001 00 11 11.97 -03 51 23.6	16.8	Rq~lBXzH15
S0368	C2014 10 27.08623 00 10 23.56 -03 23 34.2	18.5	Rq~lBscH15	12541	C2014 10 27.10001 00 08 39.65 -04 32 00.3	18.1	Rq~lBYxH15
U6496	C2014 10 27.08623 00 08 31.22 -03 26 27.9	18.9	Rq~lBtGH15	14349	C2014 10 27.10001 00 09 33.47 -02 54 21.1	17.0	Rq~lBZCH15
V4122	C2014 10 27.08623 00 11 48.64 -03 03 21.6	19.0	Rq~lBtdH15	21876	C2014 10 27.10001 00 11 07.98 -03 25 49.8	18.1	Rq~lBa8H15
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10344	C2014 10 27.08950 00 10 17.99 -05 09 59.4	16.4	Rq~lBYfH15	43193	C2014 10 27.10001 00 10 07.26 -02 50 34.1	18.7	Rq~lBcUH15
12541	C2014 10 27.08950 00 08 39.90 -04 31 57.4	17.6	Rq~lBYxH15	43650	C2014 10 27.10001 00 07 46.66 -03 34 07.6	18.4	Rq~lBcXH15
19876	C2014 10 27.08950 00 09 28.88 -05 51 54.4	17.5	Rq~lBZsH15	44466	C2014 10 27.10001 00 09 16.51 -03 14 14.5	18.3	Rq~lBcbH15
31376	C2014 10 27.08950 00 14 29.39 -05 37 36.7	17.5	Rq~lBb8H15	46159	C2014 10 27.10001 00 09 46.14 -04 10 56.8	20.0	Rq~lBcnH15
33532	C2014 10 27.08950 00 11 24.94 -06 07 44.6	18.2	Rq~lBbNH15	48427	C2014 10 27.10001 00 11 25.43 -04 24 33.5	16.6	Rq~lBd3H15
39975	C2014 10 27.08950 00 13 07.56 -04 45 01.3	18.2	Rq~lBc6H15	58603	C2014 10 27.10001 00 09 49.40 -03 48 57.5	16.5	Rq~lBdtH15
43746	C2014 10 27.08950 00 12 04.08 -06 00 12.7	17.3	Rq~lBcXH15	60821	C2014 10 27.10001 00 11 18.75 -03 56 21.7	17.7	Rq~lBe6H15
54879	C2014 10 27.08950 00 09 18.69 -05 11 01.9	17.3	Rq~lBdbH15	61107	C2014 10 27.10001 00 09 21.10 -03 51 44.8	18.3	Rq~lBe8H15
60966	C2014 10 27.08950 00 08 14.05 -04 56 56.1	18.7	Rq~lBe7H15	63133	C2014 10 27.10001 00 09 04.21 -03 51 07.8	16.4	Rq~lBeLH15
64346	C2014 10 27.08950 00 13 49.52 -05 21 01.6	19.3	Rq~lBeSH15	89223	C2014 10 27.10001 00 14 01.75 -03 00 02.7	18.1	Rq~lBgqH15
65237	C2014 10 27.08950 00 09 23.05 -05 50 16.8	18.9	Rq~lBeXH15	94815	C2014 10 27.10001 00 10 27.26 -03 05 48.7	19.7	Rq~lBhEH15
65579	C2014 10 27.08950 00 10 33.46 -05 21 16.0	18.7	Rq~lBeYH15	A2376	C2014 10 27.10001 00 09 10.18 -03 43 09.0	19.5	Rq~lBhuH15
67422	C2014 10 27.08950 00 10 48.08 -04 53 52.4	17.4	Rq~lBekH15	A2649	C2014 10 27.10001 00 08 32.15 -02 54 38.2	18.9	Rq~lBhwH15
70733	C2014 10 27.08950 00 08 09.21 -04 35 20.3	17.1	Rq~lBfBH15	B1173	C2014 10 27.10001 00 07 52.92 -03 48 55.2	19.2	Rq~lBigH15
71901	C2014 10 27.08950 00 08 45.40 -05 32 15.4	17.6	Rq~lBfKH15	B4936	C2014 10 27.10001 00 12 58.16 -03 52 39.1	18.7	Rq~lBixH15
72159	C2014 10 27.08950 00 13 11.57 -04 39 57.9	19.0	Rq~lBfMH15	C8063	C2014 10 27.10001 00 14 32.22 -03 56 39.0	18.7	Rq~lBjvH15
72688	C2014 10 27.08950 00 08 36.45 -05 50 12.2	17.4	Rq~lBfPH15	C8230	C2014 10 27.10001 00 09 08.19 -02 57 01.7	18.6	Rq~lBjwH15
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B1809	C2014 10 27.08950 00 10 05.76 -05 03 06.4	19.6	Rq~lBikH15	F5887	C2014 10 27.10001 00 12 11.66 -04 23 34.3	18.8	Rq~lBlsH15
C0867	C2014 10 27.08950 00 13 06.83 -05 04 52.1	17.5	Rq~lBjRH15	F7938	C2014 10 27.10001 00 12 22.71 -03 32 36.5	18.5	Rq~lBm0H15
E3066	C2014 10 27.08950 00 12 20.25 -05 27 43.2	19.3	Rq~lBkzH15	H0289	C2014 10 27.10001 00 13 18.53 -03 27 16.3	18.7	Rq~lBmoH15
E8849	C2014 10 27.08950 00 11 04.96 -05 50 36.7	19.6	Rq~lBlOH15	H8915	C2014 10 27.10001 00 12 23.97 -03 13 16.5	18.3	Rq~lBnMH15
E8977	C2014 10 27.08950 00 09 38.84 -05 46 10.6	18.9	Rq~lBlPH15	M3724	C2014 10 27.10001 00 12 23.94 -03 40 09.4	19.3	Rq~lBpnH15
H7772	C2014 10 27.08950 00 11 51.26 -04 53 37.9	19.4	Rq~lBnJH15	M6387	C2014 10 27.10001 00 07 40.03 -04 13 03.4	18.5	Rq~lBpyH15
I0506	C2014 10 27.08950 00 08 10.78 -05 10 14.8	18.4	Rq~lBnSH15	S0293	C2014 10 27.10001 00 09 46.28 -02 55 23.2	19.3	Rq~lBscH15
J1537	C2014 10 27.08950 00 08 45.60 -04 41 52.9	19.5	Rq~lBoCH15	U6496	C2014 10 27.10001 00 08 30.87 -03 26 25.8	18.2	Rq~lBtGH15
J5578	C2014 10 27.08950 00 09 00.54 -06 06 19.9	19.5	Rq~lBoIH15	V4122	C2014 10 27.10001 00 11 48.07 -03 03 21.0	20.0	Rq~lBtdH15
K3319	C2014 10 27.08950 00 13 51.30 -06 07 26.3	19.1	Rq~lBoeH15	f4692K09WF6F	C2014 10 27.10341 00 10 13.94 -04 46 23.0	19.2	Rq~lBRGH15

00005	C2014 10 27.10341 00 11 54.33 -05 16 00.6	9.9	Rq~lBXBH15	31632	C2014 10 27.11211 00 10 51.16 -03 19 34.1	18.2	Rq~lBbBH15
10344	C2014 10 27.10341 00 10 17.51 -05 10 01.9	16.5	Rq~lBYfH15	43193	C2014 10 27.11211 00 10 06.82 -02 50 36.0	18.9	Rq~lBcUH15
12541	C2014 10 27.10341 00 08 39.51 -04 32 01.5	17.8	Rq~lBYxH15	43650	C2014 10 27.11211 00 07 46.13 -03 34 08.5	18.1	Rq~lBcXH15
19876	C2014 10 27.10341 00 09 28.32 -05 51 54.8	17.4	Rq~lBZsH15	44466	C2014 10 27.11211 00 09 16.14 -03 14 15.5	18.1	Rq~lBcbH15
31376	C2014 10 27.10341 00 14 28.80 -05 37 34.0	17.6	Rq~lBb8H15	46159	C2014 10 27.11211 00 09 45.82 -04 10 58.9	19.4	Rq~lBcnH15
33532	C2014 10 27.10341 00 11 24.42 -06 07 43.6	18.0	Rq~lBbNH15	48427	C2014 10 27.11211 00 11 25.22 -04 24 38.4	16.6	Rq~lBd3H15
39975	C2014 10 27.10341 00 13 07.01 -04 45 02.4	18.2	Rq~lBc6H15	58603	C2014 10 27.11211 00 09 49.09 -03 48 52.1	16.5	Rq~lBdtH15
43746	C2014 10 27.10341 00 12 03.70 -06 00 17.6	17.4	Rq~lBcXH15	60821	C2014 10 27.11211 00 11 18.36 -03 56 23.6	18.0	Rq~lBe6H15
54879	C2014 10 27.10341 00 09 18.24 -05 11 00.0	17.5	Rq~lBdbH15	61107	C2014 10 27.11211 00 09 20.80 -03 51 47.9	18.0	Rq~lBe8H15
60966	C2014 10 27.10341 00 08 13.48 -04 56 55.0	19.0	Rq~lBe7H15	63133	C2014 10 27.11211 00 09 03.70 -03 51 02.8	16.4	Rq~lBeLH15
65237	C2014 10 27.10341 00 09 22.63 -05 50 18.3	18.1	Rq~lBeXH15	89218	C2014 10 27.11211 00 13 41.96 -04 16 51.1	18.4	Rq~lBgpH15
65579	C2014 10 27.10341 00 10 33.06 -05 21 20.1	18.7	Rq~lBeYH15	89223	C2014 10 27.11211 00 14 01.49 -03 00 02.0	18.1	Rq~lBgqH15
67422	C2014 10 27.10341 00 10 47.83 -04 53 56.6	17.3	Rq~lBekH15	94815	C2014 10 27.11211 00 10 26.99 -03 05 50.2	18.5	Rq~lBhEH15
70733	C2014 10 27.10341 00 08 08.89 -04 35 19.1	17.2	Rq~lBfBH15	A2376	C2014 10 27.11211 00 09 09.75 -03 43 09.2	18.7	Rq~lBhuH15
71901	C2014 10 27.10341 00 08 44.97 -05 32 18.2	17.6	Rq~lBfKH15	A2649	C2014 10 27.11211 00 08 31.64 -02 54 38.5	19.7	Rq~lBhwH15
72159	C2014 10 27.10341 00 13 11.13 -04 40 01.7	18.7	Rq~lBfMH15	B1173	C2014 10 27.11211 00 07 52.61 -03 49 00.6	19.4	Rq~lBigH15
72688	C2014 10 27.10341 00 08 36.03 -05 50 13.5	17.4	Rq~lBfPH15	B4936	C2014 10 27.11211 00 12 57.68 -03 52 38.6	19.0	Rq~lBixH15
B1107	C2014 10 27.10341 00 11 02.23 -04 35 51.1	18.8	Rq~lBifH15	C6917	C2014 10 27.11211 00 09 45.36 -03 36 11.7	18.7	Rq~lBjpH15
B1809	C2014 10 27.10341 00 10 05.27 -05 03 07.3	19.3	Rq~lBikH15	C8063	C2014 10 27.11211 00 14 31.87 -03 56 39.1	18.6	Rq~lBjvH15
C0867	C2014 10 27.10341 00 13 06.44 -05 04 49.5	17.4	Rq~lBjRH15	C8230	C2014 10 27.11211 00 09 07.94 -02 57 06.1	19.2	Rq~lBjwH15
E3066	C2014 10 27.10341 00 12 19.77 -05 27 46.2	20.1	Rq~lBkzH15	D0448	C2014 10 27.11211 00 09 34.99 -03 26 03.2	19.8	Rq~lBk6H15
E8849	C2014 10 27.10341 00 11 04.47 -05 50 35.9	19.4	Rq~lBlOH15	E6477	C2014 10 27.11211 00 09 09.67 -03 08 52.0	18.3	Rq~lBlDH15
E8977	C2014 10 27.10341 00 09 38.32 -05 46 11.7	18.9	Rq~lBlPH15	F5887	C2014 10 27.11211 00 12 11.20 -04 23 32.6	19.2	Rq~lBlsH15
H7772	C2014 10 27.10341 00 11 50.86 -04 53 38.1	18.6	Rq~lBnJH15	F7938	C2014 10 27.11211 00 12 22.34 -03 32 37.8	19.2	Rq~lBmOH15
I0506	C2014 10 27.10341 00 08 10.40 -05 10 19.3	18.6	Rq~lBnSH15	H0289	C2014 10 27.11211 00 13 18.21 -03 27 14.6	18.3	Rq~lBmoH15
J1537	C2014 10 27.10341 00 08 45.11 -04 41 53.2	18.9	Rq~lBoCH15	H8915	C2014 10 27.11211 00 12 23.75 -03 13 20.9	18.3	Rq~lBnMH15
J5578	C2014 10 27.10341 00 09 00.25 -06 06 24.1	19.2	Rq~lBoIH15	M3724	C2014 10 27.11211 00 12 23.60 -03 40 11.9	18.8	Rq~lBpoH15
K3319	C2014 10 27.10341 00 13 50.87 -06 07 22.9	18.5	Rq~lBoeH15	M6387	C2014 10 27.11211 00 07 39.85 -04 13 06.1	19.1	Rq~lBpyH15
M0611	C2014 10 27.10341 00 08 02.58 -04 38 34.7	18.8	Rq~lBpaH15	S0293	C2014 10 27.11211 00 09 46.00 -02 55 35.5	19.0	Rq~lBscH15
M2914	C2014 10 27.10341 00 09 11.58 -05 10 56.5	19.0	Rq~lBplH15	S0368	C2014 10 27.11211 00 10 22.64 -03 23 33.1	18.8	Rq~lBscH15
M4773	C2014 10 27.10341 00 10 28.34 -05 51 34.1	19.1	Rq~lBptH15	U6496	C2014 10 27.11211 00 08 30.60 -03 26 23.6	18.0	Rq~lBtGH15
O5295	C2014 10 27.10341 00 12 10.39 -05 32 01.5	18.7	Rq~lBqdH15	V4122	C2014 10 27.11211 00 11 47.60 -03 03 22.3	20.1	Rq~lBtdH15
Q1460	C2014 10 27.10341 00 11 02.06 -05 36 49.5	18.5	Rq~lBrmH15	f4692K09WF6F	C2014 10 27.11545 00 10 13.81 -04 46 22.1	19.5	Rq~lBRGH15
U9732	C2014 10 27.10341 00 11 16.89 -04 59 35.3	18.7	Rq~lBtNH15	00005	C2014 10 27.11545 00 11 53.90 -05 16 03.1	10.1	Rq~lBXBH15
08310	C2014 10 27.10689 00 09 18.10 -07 36 13.3	16.6	Rq~lBYRH15	10344	C2014 10 27.11545 00 10 17.10 -05 10 04.1	16.5	Rq~lBYfH15
21917	C2014 10 27.10689 00 09 50.56 -06 56 26.3	18.5	Rq~lBa8H15	12541	C2014 10 27.11545 00 08 39.22 -04 32 04.8	17.9	Rq~lBYxH15
23888	C2014 10 27.10689 00 13 10.58 -07 02 30.0	16.7	Rq~lBaMH15	19876	C2014 10 27.11545 00 09 27.86 -05 51 55.0	17.4	Rq~lBZsH15
24962	C2014 10 27.10689 00 08 30.54 -06 29 57.3	18.0	Rq~lBaTH15	31376	C2014 10 27.11545 00 14 28.23 -05 37 31.4	17.6	Rq~lBb8H15
34282	C2014 10 27.10689 00 07 37.50 -06 20 48.5	19.6	Rq~lBbSH15	33532	C2014 10 27.11545 00 11 23.97 -06 07 43.3	17.9	Rq~lBbNH15
49243	C2014 10 27.10689 00 12 51.57 -06 28 56.2	18.1	Rq~lBd6H15	39975	C2014 10 27.11545 00 13 06.55 -04 45 02.7	18.3	Rq~lBc6H15
49627	C2014 10 27.10689 00 13 22.44 -07 15 26.4	17.8	Rq~lBd9H15	43746	C2014 10 27.11545 00 12 03.42 -06 00 21.9	17.2	Rq~lBcXH15
61718	C2014 10 27.10689 00 13 31.73 -07 00 27.6	17.8	Rq~lBeCH15	54879	C2014 10 27.11545 00 09 17.90 -05 10 58.1	17.4	Rq~lBdbH15
63792	C2014 10 27.10689 00 09 12.57 -07 37 13.4	18.9	Rq~lBeOH15	60966	C2014 10 27.11545 00 08 12.93 -04 56 56.0	18.6	Rq~lBe7H15
64976	C2014 10 27.10689 00 09 53.94 -06 30 54.8	19.6	Rq~lBeWH15	64346	C2014 10 27.11545 00 13 48.48 -05 21 01.7	18.8	Rq~lBeSH15
83667	C2014 10 27.10689 00 12 27.97 -06 34 45.8	19.1	Rq~lBgQH15	65237	C2014 10 27.11545 00 09 22.26 -05 50 20.3	18.2	Rq~lBeXH15
A6611	C2014 10 27.10689 00 09 33.02 -06 43 27.2	18.6	Rq~lBiDH15	65579	C2014 10 27.11545 00 10 32.65 -05 21 23.0	18.9	Rq~lBeYH15
B7269	C2014 10 27.10689 00 07 47.89 -07 30 02.7	20.4	Rq~lBjAH15	67422	C2014 10 27.11545 00 10 47.60 -04 54 00.3	17.6	Rq~lBekH15
D6200	C2014 10 27.10689 00 10 56.76 -07 17 13.6	19.0	Rq~lBkaH15	70733	C2014 10 27.11545 00 08 08.62 -04 35 18.1	17.1	Rq~lBfBH15
F8904	C2014 10 27.10689 00 09 48.54 -07 11 33.8	18.3	Rq~lBm4H15	71901	C2014 10 27.11545 00 08 44.63 -05 32 21.4	17.7	Rq~lBfKH15
K9097	C2014 10 27.10689 00 08 08.82 -07 01 26.9	18.2	Rq~lBotH15	72159	C2014 10 27.11545 00 13 10.88 -04 40 06.7	18.4	Rq~lBfMH15
N0710	C2014 10 27.10689 00 11 12.95 -07 56 59.4	19.1	Rq~lBqEH15	72688	C2014 10 27.11545 00 08 35.72 -05 50 14.4	17.6	Rq~lBfPH15
P4243	C2014 10 27.10689 00 09 20.75 -07 40 23.6	18.0	Rq~lBrDH15	B1107	C2014 10 27.11545 00 11 02.00 -04 35 54.0	19.1	Rq~lBifH15
S6523	C2014 10 27.10689 00 14 07.61 -06 35 43.3	20.2	Rq~lBskH15	B1809	C2014 10 27.11545 00 10 04.75 -05 03 07.7	19.2	Rq~lBikH15
Z7711	C2014 10 27.10689 00 11 40.80 -06 27 17.7	18.3	Rq~lBvCH15	C0867	C2014 10 27.11545 00 13 06.10 -05 04 47.4	17.2	Rq~lBjRH15
a5236	C2014 10 27.10689 00 13 28.08 -07 43 53.6	19.1	Rq~lBvZH15	E3066	C2014 10 27.11545 00 12 19.33 -05 27 48.9	19.6	Rq~lBkzH15
00578	C2014 10 27.10939 00 13 21.05 -01 19 04.0	12.0	Rq~lBXIH15	E8849	C2014 10 27.11545 00 11 04.03 -05 50 36.7	19.2	Rq~lBlOH15
11193	C2014 10 27.10939 00 13 15.64 -02 08 37.9	16.9	Rq~lBYnH15	E8977	C2014 10 27.11545 00 09 37.84 -05 46 11.6	18.8	Rq~lBlPH15
13363	C2014 10 27.10939 00 13 26.53 -02 26 01.9	17.4	Rq~lBZ4H15	H7772	C2014 10 27.11545 00 11 50.44 -04 53 37.4	18.8	Rq~lBnJH15
22583	C2014 10 27.10939 00 07 44.14 -01 41 42.3	17.8	Rq~lBaDH15	I0506	C2014 10 27.11545 00 08 10.06 -05 10 22.8	19.3	Rq~lBnSH15
24085	C2014 10 27.10939 00 09 13.25 -02 22 47.0	18.4	Rq~lBaNH15	J1537	C2014 10 27.11545 00 08 44.75 -04 41 51.6	19.0	Rq~lBoCH15
26528	C2014 10 27.10939 00 09 09.04 -01 07 36.9	18.3	Rq~lBadH15	J5578	C2014 10 27.11545 00 08 59.95 -06 06 29.1	19.1	Rq~lBoIH15
35235	C2014 10 27.10939 00 11 14.77 -01 52 10.2	18.5	Rq~lBbYH15	K3319	C2014 10 27.11545 00 13 50.53 -06 07 21.0	18.8	Rq~lBoeH15
39478	C2014 10 27.10939 00 09 10.89 -02 08 39.2	18.7	Rq~lBc3H15	M0611	C2014 10 27.11545 00 08 02.43 -04 38 38.9	18.0	Rq~lBpaH15
39596	C2014 10 27.10939 00 13 10.84 -02 36 03.8	17.9	Rq~lBc3H15	M2914	C2014 10 27.11545 00 09 11.17 -05 10 53.1	18.5	Rq~lBplH15
41422	C2014 10 27.10939 00 13 25.76 -01 24 07.2	16.5	Rq~lBcIH15	M4773	C2014 10 27.11545 00 10 27.99 -05 51 32.2	19.6	Rq~lBptH15
45500	C2014 10 27.10939 00 13 16.23 -01 59 13.9	19.6	Rq~lBciH15	O5295	C2014 10 27.11545 00 12 09.98 -05 32 02.7	18.5	Rq~lBqdH15
45679	C2014 10 27.10939 00 10 51.79 -02 40 41.7	18.8	Rq~lBckH15	Q1460	C2014 10 27.11545 00 11 01.76 -05 36 50.0	18.7	Rq~lBrmH15
47652	C2014 10 27.10939 00 12 04.30 -01 01 23.5	19.1	Rq~lBcxH15	U9732	C2014 10 27.11545 00 11 16.52 -04 59 36.6	19.9	Rq~lBtNH15
49785	C2014 10 27.10939 00 10 39.13 -02 18 09.3	19.4	Rq~lBdAH15	08310	C2014 10 27.11803 00 09 17.74 -07 36 14.6	16.8	Rq~lBYRH15
50579	C2014 10 27.10939 00 09 07.02 -02 25 30.8	18.7	Rq~lBdDH15	23888	C2014 10 27.11803 00 13 10.30 -07 02 32.1	16.7	Rq~lBaMH15
57419	C2014 10 27.10939 00 11 53.90 -02 19 23.4	19.4	Rq~lBdnH15	24962	C2014 10 27.11803 00 08 30.19 -06 29 57.5	17.8	Rq~lBaTH15
62546	C2014 10 27.10939 00 13 12.93 -02 01 56.0	19.1	Rq~lBeIH15	34282	C2014 10 27.11803 00 07 37.15 -06 20 50.2	19.7	Rq~lBbSH15
66303	C2014 10 27.10939 00 14 37.71 -02 15 47.7	19.0	Rq~lBeeH15	49243	C2014 10 27.11803 00 12 51.18 -06 28 56.6	17.9	Rq~lBd6H15
72494	C2014 10 27.10939 00 11 44.41 -01 38 40.8	18.5	Rq~lBfOH15	49627	C2014 10 27.11803 00 13 21.99 -07 15 25.9	17.6	Rq~lBd9H15
83010	C2014 10 27.10939 00 11 03.36 -01 16 04.5	19.6	Rq~lBgOH15	61718	C2014 10 27.11803 00 13 31.38 -07 00 28.7	17.8	Rq~lBeCH15
87374	C2014 10 27.10939 00 08 47.72 -02 02 54.7	18.5	Rq~lBgeH15	63792	C2014 10 27.11803 00 09 12.23 -07 37 17.3	18.8	Rq~lBeOH15
C8112	C2014 10 27.10939 00 10 06.45 -02 12 52.1	18.7	Rq~lBjvH15	64976	C2014 10 27.11803 00 09 53.61 -06 30 53.7	19.2	Rq~lBeWH15
D9368	C2014 10 27.10939 00 09 57.07 -01 15 03.1	18.7	Rq~lBknH15	83667	C2014 10 27.11803 00 12 27.54 -06 34 45.4	18.8	Rq~lBgQH15
E2545	C2014 10 27.10939 00 12 10.87 -02 20 42.8	18.0	Rq~lBkwH15	A6611	C2014 10 27.11803 00 09 32.56 -06 43 27.0	18.8	Rq~lBiDH15
E5817	C2014 10 27.10939 00 07 58.99 -01 43 26.3	17.8	Rq~lBlBH15	B7269	C2014 10 27.11803 00 07 47.58 -07 30 02.2	19.2	Rq~lBjAH15
F4126	C2014 10 27.10939 00 12 35.80 -02 03 38.1	19.9	Rq~lBllH15	D6200	C2014 10 27.11803 00 10 56.39 -07 17 12.4	18.4	Rq~lBkaH15
F4957	C2014 10 27.10939 00 13 41.20 -01 53 02.8	19.5	Rq~lBloH15	F8904	C2014 10 27.11803 00 09 48.34 -07 11 30.6	19.2	Rq~lBm4H15
G2621	C2014 10 27.10939 00 12 38.12 -01 51 12.6	18.2	Rq~lBmKH15	K9097	C2014 10 27.11803 00 08 08.56 -07 01 25.3	17.9	Rq~lBotH15
H0905	C2014 10 27.10939 00 13 13.65 -02 01 59.1	19.6	Rq~lBmqH15	N0710	C2014 10 27.11803 00 11 12.63 -07 56 58.7	19.1	Rq~lBqEH15
K8506	C2014 10 27.10939 00 11 22.93 -02 45 03.5	20.2	Rq~lBoqH15	P4243	C2014 10 27.11803 00 09 20.39 -07 40 23.9	18.6	Rq~lBrDH15
L3880	C2014 10 27.10939 00 12 10.75 -01 31 16.8	18.2	Rq~lBp9H15	S6523	C2014 10 27.11803 00 14 07.30 -06 35 45.1	19.6	Rq~lBskH15
L4051	C2014 10 27.10939 00 09 43.16 -01 10 47.4	19.9	Rq~lBpAH15	Z7711	C2014 10 27.11803 00 11 40.61 -06 27 21.4	18.5	Rq~lBvCH15
P6256	C2014 10 27.10939 00 11 29.26 -01 48 01.2	18.9	Rq~lBrMH15	a5236	C2014 10 27.11803 00 13 27.81 -07 43 52.2	19.9	Rq~lBvZH15
Q7592	C2014 10 27.10939 00 10 43.77 -01 51 26.7	19.3	Rq~lBsBH15	01589	C2014 10 27.12097 00 14 47.95 -07 48 53.0	14.5	Rq~lBXSH15
R7964	C2014 10 27.10939 00 11 53.79 -01 56 59.9	19.1	Rq~lBsZH15	15237	C2014 10 27.12097 00 19 27.50 -06 20 15.6	16.1	Rq~lBZIH15
T3115	C2014 10 27.10939 00 10 57.15 -02 02 45.6	19.7	Rq~lBt1H15	19572	C2014 10 27.12097 00 18 38.53 -06 20 30.1	18.3	Rq~lBZqH15
U7543	C2014 10 27.10939 00 08 36.99 -02 33 07.8	18.9	Rq~lBtJH15	39823	C2014 10 27.12097 00 15 20.81 -07 01 22.3	17.0	Rq~lBc5H15
W3805	C2014 10 27.10939 00 09 55.55 -01 35 53.6	18.8	Rq~lBuHH15	45267	C2014 10 27.12097 00 15 23.04 -07 58 21.9	18.6	Rq~lBcgH15
05128	C2014 10 27.11211 00 11 11.53 -03 51 24.4	16.6	Rq~lBXzH15	47684	C2014 10 27.12097 00 15 20.36 -06 32 06.9	18.2	Rq~lBcxH15
12541	C2014 10 27.11211 00 08 39.36 -04 32 03.4	17.8	Rq~lBYxH15	69874	C2014 10 27.12097 00 16 37.17 -06 50 04.5	18.3	Rq~lBf3H15
14349	C2014 10 27.11211 00 09 33.12 -02 54 22.9	17.0	Rq~lBZCH15	71658	C2014 10 27.12097 00 20 05.94 -06 40 00.0	17.9	Rq~lBfIH15
21876	C2014 10 27.11211 00 11 07.51 -03 25 50.2	18.1	Rq~lBa8H15	A1400	C2014 10 27.12097 00 15 45.11 -07 31 12.1	19.3	Rq~lBhpH15

A8429	C2014 10 27.12097 00 18 55.14 -06 42 27.4	18.4 Rq~lBiMH15
A9949	C2014 10 27.12097 00 19 28.90 -06 53 29.4	18.7 Rq~lBiWH15
B2183	C2014 10 27.12097 00 20 27.86 -06 41 06.0	18.4 Rq~lBimH15
B5746	C2014 10 27.12097 00 17 26.31 -06 33 43.8	18.8 Rq~lBj4H15
B9375	C2014 10 27.12097 00 19 19.09 -06 25 25.0	18.1 Rq~lBjKH15
C0561	C2014 10 27.12097 00 16 41.19 -06 43 07.3	18.6 Rq~lBjQH15
E3129	C2014 10 27.12097 00 19 15.92 -07 11 12.9	18.4 Rq~lBlOH15
E9031	C2014 10 27.12097 00 16 30.46 -06 56 32.8	19.0 Rq~lBlQH15
G2659	C2014 10 27.12097 00 17 03.81 -06 26 43.7	18.5 Rq~lBmKH15
I2150	C2014 10 27.12097 00 19 03.33 -06 39 48.3	18.4 Rq~lBnYH15
I3969	C2014 10 27.12097 00 17 12.96 -07 35 19.2	19.2 Rq~lBngH15
I7328	C2014 10 27.12097 00 16 35.44 -07 12 56.0	19.3 Rq~lBnuH15
L8618	C2014 10 27.12097 00 18 31.73 -07 33 13.6	19.4 Rq~lBpRH15
M3824	C2014 10 27.12097 00 15 16.52 -06 39 20.6	19.5 Rq~lBpoH15
N9638	C2014 10 27.12097 00 19 32.97 -06 30 23.8	18.0 Rq~lBqSH15
O3808	C2014 10 27.12097 00 18 41.56 -07 09 58.9	18.9 Rq~lBqaH15
Q0880	C2014 10 27.12097 00 19 13.43 -07 29 59.0	19.1 Rq~lBrjH15
U6663	C2014 10 27.12097 00 19 21.99 -06 20 19.9	19.0 Rq~lBtGH15
V2490	C2014 10 27.12097 00 18 39.03 -07 54 06.0	19.2 Rq~lBtVH15
V4955	C2014 10 27.12097 00 15 58.07 -06 16 58.2	19.3 Rq~lBtfH15
e2088	C2014 10 27.12097 00 14 52.91 -06 52 28.4	19.3 Rq~lBw5H15
K10U04U	C2014 10 27.12374 00 19 17.22 -04 30 16.3	20.3 Rq~lBRRH15
03997	C2014 10 27.12374 00 18 35.35 -04 39 07.0	15.2 Rq~lBXpH15
18492	C2014 10 27.12374 00 20 22.80 -05 20 24.4	17.2 Rq~lBZiH15
26354	C2014 10 27.12374 00 15 08.89 -04 58 29.6	18.1 Rq~lBabH15
29161	C2014 10 27.12374 00 15 26.34 -06 12 29.8	19.9 Rq~lBauH15
36845	C2014 10 27.12374 00 18 44.07 -04 31 30.3	17.6 Rq~lBblH15
39682	C2014 10 27.12374 00 18 59.85 -05 24 03.5	16.4 Rq~lBc4H15
39932	C2014 10 27.12374 00 15 54.76 -05 56 38.5	17.4 Rq~lBc6H15
47677	C2014 10 27.12374 00 18 11.16 -05 56 56.8	18.2 Rq~lBcxH15
47801	C2014 10 27.12374 00 14 36.82 -05 03 48.7	17.9 Rq~lBcyH15
60636	C2014 10 27.12374 00 17 08.42 -05 05 34.7	16.6 Rq~lBe4H15
71957	C2014 10 27.12374 00 16 34.60 -04 56 56.9	17.9 Rq~lBfKH15
74518	C2014 10 27.12374 00 16 07.54 -05 07 24.8	18.9 Rq~lBfcH15
81253	C2014 10 27.12374 00 19 38.58 -05 09 18.8	18.3 Rq~lBgDH15
92309	C2014 10 27.12374 00 18 58.93 -05 18 28.8	19.5 Rq~lBh5H15
98085	C2014 10 27.12374 00 15 01.97 -04 52 49.5	17.8 Rq~lBhXH15
A7681	C2014 10 27.12374 00 21 19.92 -04 48 12.2	19.5 Rq~lBiKH15
A9168	C2014 10 27.12374 00 21 37.46 -05 53 59.1	18.9 Rq~lBiQH15
B0412	C2014 10 27.12374 00 17 50.38 -05 55 14.1	17.5 Rq~lBiaH15
B6958	C2014 10 27.12374 00 18 54.97 -05 12 25.4	20.0 Rq~lBj9H15
B8849	C2014 10 27.12374 00 21 22.29 -05 48 58.3	19.1 Rq~lBjIH15
C2335	C2014 10 27.12374 00 15 01.28 -05 04 56.2	19.5 Rq~lBjXH15
C8265	C2014 10 27.12374 00 17 10.08 -04 57 22.9	18.2 Rq~lBjwH15
D5652	C2014 10 27.12374 00 19 08.13 -04 51 49.1	19.7 Rq~lBkYH15
H1800	C2014 10 27.12374 00 18 20.16 -04 52 18.6	19.2 Rq~lBmvH15
I0183	C2014 10 27.12374 00 19 06.77 -05 42 22.4	17.9 Rq~lBnRH15
K7655	C2014 10 27.12374 00 21 03.69 -05 05 34.6	19.0 Rq~lBooH15
L0774	C2014 10 27.12374 00 20 06.24 -05 36 16.3	18.1 Rq~lBoyH15
L3472	C2014 10 27.12374 00 17 41.66 -05 25 47.8	19.4 Rq~lBp7H15
O2830	C2014 10 27.12374 00 17 30.57 -05 09 41.1	20.4 Rq~lBqYH15
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11172	C2014 10 27.14096 00 17 33.45 -02 23 03.3	16.9 Rq~lBYmH15	
13204	C2014 10 27.14096 00 17 47.71 -01 30 37.5	17.5 Rq~lBZ2H15	
13408	C2014 10 27.14096 00 16 06.99 -02 07 03.6	16.4 Rq~lBZ4H15	
15188	C2014 10 27.14096 00 18 56.15 -01 49 54.6	17.7 Rq~lBZIH15	
15684	C2014 10 27.14096 00 18 57.03 -01 02 35.7	17.9 Rq~lBZMH15	
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26497	C2014 10 27.14096 00 19 44.16 -01 46 44.3	18.6 Rq~lBacH15	
32824	C2014 10 27.14096 00 20 53.07 -01 12 46.6	17.4 Rq~lBbIH15	
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39678	C2014 10 27.14096 00 16 54.28 -01 24 14.4	19.2 Rq~lBc4H15	
41135	C2014 10 27.14096 00 20 57.94 -01 35 49.4	19.2 Rq~lBcFH15	
42500	C2014 10 27.14096 00 15 41.03 -01 40 02.4	17.5 Rq~lBcOH15	
43651	C2014 10 27.14096 00 14 49.32 -01 48 27.8	19.0 Rq~lBcXH15	
55165	C2014 10 27.14096 00 21 12.80 -01 40 37.8	19.1 Rq~lBdcH15	
58090	C2014 10 27.14096 00 16 33.38 -01 12 32.8	18.9 Rq~lBdrH15	
60094	C2014 10 27.14096 00 19 27.75 -01 59 55.1	19.0 Rq~lBe2H15	
60691	C2014 10 27.14096 00 18 24.80 -02 25 26.6	20.0 Rq~lBe4H15	
60827	C2014 10 27.14096 00 18 43.93 -02 26 12.5	18.2 Rq~lBe6H15	
65568	C2014 10 27.14096 00 18 37.01 -02 25 57.4	19.0 Rq~lBeYH15	
66303	C2014 10 27.14096 00 14 36.49 -02 15 46.7	18.8 Rq~lBeeH15	
68203	C2014 10 27.14096 00 19 05.66 -01 39 03.1	17.3 Rq~lBerH15	
69199	C2014 10 27.14096 00 17 40.74 -01 45 12.6	18.0 Rq~lBeyH15	
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71509	C2014 10 27.14096 00 19 48.75 -01 27 02.0	18.0 Rq~lBfGH15	
78943	C2014 10 27.14096 00 18 30.58 -02 17 05.1	18.4 Rq~lBg4H15	
87714	C2014 10 27.14096 00 19 04.57 -01 50 48.4	19.3 Rq~lBggH15	
96433	C2014 10 27.14096 00 17 05.82 -01 07 02.0	18.8 Rq~lBhMH15	
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G9005	C2014 10 27.14096 00 16 11.70 -02 28 26.9	18.2 Rq~lBmiH15	
H4110	C2014 10 27.14096 00 21 14.83 -01 59 09.3	19.3 Rq~lBn4H15	
H7709	C2014 10 27.14096 00 15 56.37 -02 38 39.7	19.8 Rq~lBnJH15	
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15237	C2014 10 27.14368 00 19 26.94 -06 20 20.8	16.1 Rq~lBZIH15	
19572	C2014 10 27.14368 00 18 37.64 -06 20 35.3	18.8 Rq~lBZqH15	
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47684	C2014 10 27.14368 00 15 19.66 -06 32 11.1	18.6 Rq~lBcxH15	
69874	C2014 10 27.14368 00 16 36.29 -06 50 02.4	17.9 Rq~lBf3H15	
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18492	C2014 10 27.14641 00 20 22.00 -05 20 30.2	17.3 Rq~lBZiH15	
26354	C2014 10 27.14641 00 15 08.22 -04 58 35.9	17.7 Rq~lBabH15	
29161	C2014 10 27.14641 00 15 25.39 -06 12 31.1	18.8 Rq~lBauH15	
36845	C2014 10 27.14641 00 18 43.18 -04 31 35.0	17.6 Rq~lBblH15	
39682	C2014 10 27.14641 00 18 59.24 -05 24 06.2	16.4 Rq~lBc4H15	
39932	C2014 10 27.14641 00 15 53.92 -05 56 34.2	17.6 Rq~lBc6H15	
47677	C2014 10 27.14641 00 18 10.38 -05 57 04.6	18.0 Rq~lBcxH15	
47801	C2014 10 27.14641 00 14 36.14 -05 03 55.5	17.9 Rq~lBcyH15	
60636	C2014 10 27.14641 00 17 07.94 -05 05 46.4	16.8 Rq~lBe4H15	
71957	C2014 10 27.14641 00 16 33.60 -04 56 55.5	18.4 Rq~lBfKH15	
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B6958	C2014 10 27.14641 00 18 54.24 -05 12 30.7	19.8 Rq~lBj9H15	
B8849	C2014 10 27.14641 00 21 21.35 -05 49 01.6	19.1 Rq~lBjIH15	
C2335	C2014 10 27.14641 00 15 00.62 -05 05 02.6	18.7 Rq~lBjXH15	
C8265	C2014 10 27.14641 00 17 09.23 -04 57 21.8	18.4 Rq~lBjwH15	
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O3619	C2014 10 27.14641 00 16 17.04 -04 47 17.9	18.9	Rq~lBqZH15	I6619	C2014 10 27.15200 00 19 07.72 -01 38 30.7	19.2	Rq~lBnrH15
P2237	C2014 10 27.14641 00 17 01.09 -05 58 32.2	19.2	Rq~lBr1H15	I9312	C2014 10 27.15200 00 21 11.20 -02 02 44.7	19.1	Rq~lBo2H15
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e8907	C2014 10 27.14641 00 19 02.00 -04 45 50.2	18.7	Rq~lBwUH15	V5231	C2014 10 27.15200 00 16 13.89 -01 32 06.5	18.6	Rq~lBtgH15
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07770	C2014 10 27.14946 00 19 32.57 -03 15 29.2	15.7	Rq~lBYMH15	47684	C2014 10 27.15466 00 15 19.37 -06 32 12.5	18.5	Rq~lBcxH15
12797	C2014 10 27.14946 00 18 23.40 -03 07 16.9	17.4	Rq~lBYzH15	69874	C2014 10 27.15466 00 16 35.85 -06 50 01.3	18.2	Rq~lBf3H15
21443	C2014 10 27.14946 00 14 43.29 -03 53 31.7	17.5	Rq~lBa4H15	71658	C2014 10 27.15466 00 20 05.01 -06 40 11.2	17.8	Rq~lBfIH15
22667	C2014 10 27.14946 00 19 19.83 -03 40 53.9	16.9	Rq~lBaEH15	A1400	C2014 10 27.15466 00 15 44.21 -07 31 10.3	18.4	Rq~lBhpH15
29304	C2014 10 27.14946 00 16 43.21 -03 44 34.1	17.9	Rq~lBavH15	A8429	C2014 10 27.15466 00 18 54.21 -06 42 35.4	18.6	Rq~lBiMH15
31347	C2014 10 27.14946 00 19 17.64 -04 14 34.7	17.1	Rq~lBb8H15	A9949	C2014 10 27.15466 00 19 27.84 -06 53 36.8	18.7	Rq~lBiWH15
42423	C2014 10 27.14946 00 19 09.14 -03 28 05.8	18.7	Rq~lBcOH15	B2183	C2014 10 27.15466 00 20 26.67 -06 41 08.3	18.5	Rq~lBimH15
45568	C2014 10 27.14946 00 18 10.04 -04 20 21.9	16.8	Rq~lBcjH15	B5746	C2014 10 27.15466 00 17 24.99 -06 33 43.7	18.8	Rq~lBj4H15
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91783	C2014 10 27.14946 00 18 29.24 -02 53 37.9	18.4	Rq~lBh2H15	G2659	C2014 10 27.15466 00 17 02.75 -06 26 46.1	19.5	Rq~lBmKH15
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G3165	C2014 10 27.14946 00 21 28.65 -04 09 57.6	19.2	Rq~lBmNH15	R5407	C2014 10 27.15466 00 18 39.08 -07 27 18.8	19.0	Rq~lBsUH15
G6228	C2014 10 27.14946 00 16 18.07 -03 10 30.9	18.9	Rq~lBmZH15	U6663	C2014 10 27.15466 00 19 20.61 -06 20 15.0	19.0	Rq~lBtGH15
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L2782	C2014 10 27.14946 00 20 09.01 -04 20 14.7	19.0	Rq~lBp5H15	26354	C2014 10 27.15740 00 15 07.90 -04 58 38.5	17.7	Rq~lBabH15
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O8701	C2014 10 27.14946 00 20 18.02 -03 01 08.4	18.8	Rq~lBqnH15	39682	C2014 10 27.15740 00 18 58.95 -05 24 07.5	16.4	Rq~lBc4H15
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S8091	C2014 10 27.14946 00 20 03.96 -03 06 57.6	19.4	Rq~lBspH15	47677	C2014 10 27.15740 00 18 10.02 -05 57 08.5	17.9	Rq~lBcxH15
a4672	C2014 10 27.14946 00 19 20.55 -02 59 52.8	18.7	Rq~lBvWH15	47801	C2014 10 27.15740 00 14 35.83 -05 03 58.6	17.8	Rq~lBcyH15
e4453	C2014 10 27.14946 00 16 50.94 -03 04 04.0	18.7	Rq~lBwAH15	60636	C2014 10 27.15740 00 17 07.71 -05 05 52.2	17.0	Rq~lBe4H15
e7902	C2014 10 27.14946 00 20 21.77 -03 21 11.9	19.3	Rq~lBwPH15	71957	C2014 10 27.15740 00 16 33.16 -04 56 54.6	18.2	Rq~lBfKH15
f0234	C2014 10 27.14946 00 18 37.25 -04 21 37.8	19.5	Rq~lBw1H15	74518	C2014 10 27.15740 00 16 06.20 -05 07 28.1	19.1	Rq~lBfcH15
f1027	C2014 10 27.14946 00 17 13.07 -04 20 12.4	19.1	Rq~lBwtH15	81253	C2014 10 27.15740 00 19 37.42 -05 09 23.9	18.1	Rq~lBgDH15
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K14OI7U	C2014 10 27.15200 00 17 07.80 -02 05 52.4	19.2	Rq~lBSGH15	98085	C2014 10 27.15740 00 15 00.64 -04 52 47.8	18.1	Rq~lBhXH15
00253	C2014 10 27.15200 00 17 53.12 -02 09 34.4	11.5	Rq~lBXEH15	A7681	C2014 10 27.15740 00 21 18.95 -04 48 19.9	19.8	Rq~lBiKH15
00470	C2014 10 27.15200 00 19 58.33 -02 15 59.8	12.9	Rq~lBXHH15	A9168	C2014 10 27.15740 00 21 36.47 -05 54 11.7	19.2	Rq~lBiQH15
11172	C2014 10 27.15200 00 17 33.08 -02 23 08.6	16.9	Rq~lBYmH15	B0412	C2014 10 27.15740 00 17 48.99 -05 55 00.3	17.4	Rq~lBiaH15
13204	C2014 10 27.15200 00 17 47.30 -01 30 40.3	17.3	Rq~lBZ2H15	B6958	C2014 10 27.15740 00 18 53.87 -05 12 32.4	19.7	Rq~lBj9H15
13408	C2014 10 27.15200 00 16 06.65 -02 07 03.2	16.4	Rq~lBZ4H15	C2335	C2014 10 27.15740 00 15 00.28 -05 05 05.9	18.7	Rq~lBjXH15
15188	C2014 10 27.15200 00 18 55.78 -01 49 56.7	17.8	Rq~lBZIH15	C8265	C2014 10 27.15740 00 17 08.88 -04 57 21.5	19.1	Rq~lBjwH15
15684	C2014 10 27.15200 00 18 56.70 -01 02 37.8	18.0	Rq~lBZMH15	D5652	C2014 10 27.15740 00 19 06.90 -04 51 52.0	19.5	Rq~lBkYH15
22237	C2014 10 27.15200 00 15 26.79 -01 17 27.2	18.8	Rq~lBaBH15	H1800	C2014 10 27.15740 00 18 19.00 -04 52 26.7	19.2	Rq~lBmvH15
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32824	C2014 10 27.15200 00 20 52.69 -01 12 50.1	17.3	Rq~lBbIH15	L0774	C2014 10 27.15740 00 20 05.01 -05 36 13.4	18.6	Rq~lBoyH15
35059	C2014 10 27.15200 00 19 50.42 -01 32 56.4	18.1	Rq~lBbXH15	L3472	C2014 10 27.15740 00 17 40.32 -05 25 55.8	19.1	Rq~lBp7H15
39678	C2014 10 27.15200 00 16 53.92 -01 24 16.8	19.0	Rq~lBc4H15	O2830	C2014 10 27.15740 00 17 29.67 -05 09 48.4	19.6	Rq~lBqYH15
41135	C2014 10 27.15200 00 20 57.63 -01 35 51.2	19.5	Rq~lBcFH15	P2237	C2014 10 27.15740 00 17 00.69 -05 58 31.0	20.3	Rq~lBr1H15
42500	C2014 10 27.15200 00 15 40.72 -01 40 03.5	17.4	Rq~lBcOH15	P2331	C2014 10 27.15740 00 16 18.31 -05 24 28.5	20.0	Rq~lBr2H15
43651	C2014 10 27.15200 00 14 48.99 -01 48 29.2	19.0	Rq~lBcXH15	Q0382	C2014 10 27.15740 00 19 17.98 -05 02 34.5	18.5	Rq~lBrgH15
55165	C2014 10 27.15200 00 21 12.42 -01 40 42.6	18.8	Rq~lBdcH15	R5307	C2014 10 27.15740 00 19 50.56 -04 41 13.5	18.9	Rq~lBsUH15
58090	C2014 10 27.15200 00 16 32.96 -01 12 33.2	18.7	Rq~lBdrH15	W1863	C2014 10 27.15740 00 19 13.65 -04 42 56.5	19.3	Rq~lBu9H15
60094	C2014 10 27.15200 00 19 27.43 -01 59 57.1	19.0	Rq~lBe2H15	Z9287	C2014 10 27.15740 00 15 31.90 -05 15 15.7	19.5	Rq~lBvEH15
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60827	C2014 10 27.15200 00 18 43.54 -02 26 13.4	18.5	Rq~lBe6H15	e2621	C2014 10 27.15740 00 18 43.26 -05 57 54.1	19.0	Rq~lBw6H15
65568	C2014 10 27.15200 00 18 36.67 -02 25 59.5	18.7	Rq~lBeYH15	e5690	C2014 10 27.15740 00 14 44.99 -05 30 58.7	20.0	Rq~lBwGH15
66303	C2014 10 27.15200 00 14 36.14 -02 15 46.8	18.9	Rq~lBeeH15	e8907	C2014 10 27.15740 00 19 01.57 -04 45 45.4	18.5	Rq~lBwUH15
68203	C2014 10 27.15200 00 19 05.34 -01 39 04.4	17.4	Rq~lBerH15	f2656	C2014 10 27.15740 00 16 52.66 -05 16 47.3	19.0	Rq~lBx6H15
69199	C2014 10 27.15200 00 17 40.44 -01 45 16.8	18.1	Rq~lBeyH15	f3891K06VB9V	C2014 10 27.16072 00 19 37.91 -03 34 53.6	19.9	Rq~lBQRH15
70700	C2014 10 27.15200 00 20 29.52 -01 40 23.1	18.1	Rq~lBfBH15	K07TE0P	C2014 10 27.16072 00 17 15.42 -03 15 40.8	19.7	Rq~lBQeH15
71509	C2014 10 27.15200 00 19 48.40 -01 27 03.8	18.5	Rq~lBfGH15	K14SQ3E	C2014 10 27.16072 00 17 34.40 -03 24 37.0	19.6	Rq~lBTEH15
78943	C2014 10 27.15200 00 18 30.18 -02 17 04.7	18.1	Rq~lBg4H15	K14UH0N	C2014 10 27.16072 00 15 45.71 -03 13 53.3	19.2	Rq~lBX5H15
87714	C2014 10 27.15200 00 19 04.11 -01 50 49.9	18.8	Rq~lBggH15	00261	C2014 10 27.16072 00 20 13.10 -03 58 00.6	11.9	Rq~lBXEH15
96433	C2014 10 27.15200 00 17 05.33 -01 07 02.5	19.2	Rq~lBhMH15	07770	C2014 10 27.16072 00 19 32.20 -03 15 30.4	15.8	Rq~lBYMH15
A2872	C2014 10 27.15200 00 17 58.64 -02 27 56.4	19.3	Rq~lBhxH15	12797	C2014 10 27.16072 00 18 23.00 -03 07 19.1	17.4	Rq~lBYzH15
A8963	C2014 10 27.15200 00 15 45.31 -01 15 07.3	18.1	Rq~lBiPH15	21443	C2014 10 27.16072 00 14 42.88 -03 53 33.4	18.1	Rq~lBa4H15
B0368	C2014 10 27.15200 00 17 16.01 -01 44 22.5	20.1	Rq~lBiZH15	22667	C2014 10 27.16072 00 19 19.50 -03 40 56.2	16.8	Rq~lBaEH15
B3920	C2014 10 27.15200 00 15 21.28 -02 28 35.3	17.9	Rq~lBitH15	29304	C2014 10 27.16072 00 16 42.87 -03 44 35.8	18.0	Rq~lBavH15
B7136	C2014 10 27.15200 00 18 23.83 -02 10 07.7	18.0	Rq~lBjAH15	31347	C2014 10 27.16072 00 19 17.19 -04 14 34.7	17.1	Rq~lBb8H15
C9835	C2014 10 27.15200 00 21 31.23 -02 18 18.5	19.3	Rq~lBk3H15	42423	C2014 10 27.16072 00 19 08.80 -03 28 09.4	18.5	Rq~lBcOH15
D3469	C2014 10 27.15200 00 16 33.75 -01 10 44.5	18.8	Rq~lBkNH15	45568	C2014 10 27.16072 00 18 09.75 -04 20 26.7	16.7	Rq~lBcjH15
F4928	C2014 10 27.15200 00 17 12.48 -01 05 56.5	19.2	Rq~lBloH15	47291	C2014 10 27.16072 00 17 29.23 -04 16 16.6	18.5	Rq~lBcvH15

65927	C2014 10 27.16072 00 15 44.45 -03 41 53.8	17.9	Rq~lBebH15
73980	C2014 10 27.16072 00 20 18.49 -04 13 08.4	18.3	Rq~lBfaH15
90859	C2014 10 27.16072 00 19 05.03 -03 08 27.8	19.3	Rq~lBgxH15
91783	C2014 10 27.16072 00 18 28.90 -02 53 39.4	18.7	Rq~lBh2H15
98741	C2014 10 27.16072 00 17 39.05 -03 16 53.7	18.6	Rq~lBhcH15
A9854	C2014 10 27.16072 00 18 19.35 -04 03 38.2	18.8	Rq~lBiVH15
B0277	C2014 10 27.16072 00 20 06.15 -02 48 38.9	18.9	Rq~lBiYH15
B8760	C2014 10 27.16072 00 15 42.53 -04 07 49.9	18.8	Rq~lBjHH15
C7965	C2014 10 27.16072 00 20 17.71 -04 08 54.5	20.5	Rq~lBjuH15
E3082	C2014 10 27.16072 00 18 52.51 -04 06 25.2	18.7	Rq~lBlOH15
E6836	C2014 10 27.16072 00 17 32.51 -03 55 43.8	19.6	Rq~lBlGH15
F1337	C2014 10 27.16072 00 17 23.53 -03 11 48.2	19.2	Rq~lBlaH15
G3165	C2014 10 27.16072 00 21 28.27 -04 09 58.0	19.3	Rq~lBmNH15
G6228	C2014 10 27.16072 00 16 17.54 -03 10 31.4	19.0	Rq~lBmZH15
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J1582	C2014 10 27.16072 00 19 31.60 -03 58 55.8	18.7	Rq~lBoDH15
K7549	C2014 10 27.16072 00 20 11.33 -04 13 40.0	19.1	Rq~lBooH15
L0087	C2014 10 27.16072 00 16 13.68 -03 44 24.0	20.0	Rq~lBovH15
L2782	C2014 10 27.16072 00 20 08.53 -04 20 13.4	19.1	Rq~lBp5H15
L3075	C2014 10 27.16072 00 18 21.04 -04 19 26.6	17.9	Rq~lBp6H15
M3941	C2014 10 27.16072 00 14 43.05 -03 05 53.4	20.2	Rq~lBpqH15
M8091	C2014 10 27.16072 00 16 39.29 -04 20 34.2	19.0	Rq~lBq7H15
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R6699	C2014 10 27.16072 00 20 13.15 -03 43 22.5	19.7	Rq~lBsXH15
S8091	C2014 10 27.16072 00 20 03.48 -03 06 56.3	18.9	Rq~lBspH15
U6923	C2014 10 27.16072 00 19 36.66 -04 19 59.7	20.1	Rq~lBtHH15
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e4453	C2014 10 27.16072 00 16 50.48 -03 04 02.7	18.9	Rq~lBwAH15
e7902	C2014 10 27.16072 00 20 21.45 -03 21 12.7	19.3	Rq~lBwPH15
f0234	C2014 10 27.16072 00 18 36.90 -04 21 36.3	19.3	Rq~lBwlH15
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00470	C2014 10 27.16331 00 19 57.93 -02 16 03.3	12.9	Rq~lBXHH15
11172	C2014 10 27.16331 00 17 32.70 -02 23 13.9	17.2	Rq~lBYmH15
13204	C2014 10 27.16331 00 17 46.85 -01 30 42.3	17.5	Rq~lBZ2H15
13408	C2014 10 27.16331 00 16 06.30 -02 07 02.8	16.4	Rq~lBZ4H15
15188	C2014 10 27.16331 00 18 55.42 -01 49 58.6	17.9	Rq~lBZIH15
15684	C2014 10 27.16331 00 18 56.31 -01 02 40.1	18.1	Rq~lBZMH15
22237	C2014 10 27.16331 00 15 26.38 -01 17 28.9	19.2	Rq~lBaBH15
25633	C2014 10 27.16331 00 15 52.20 -01 14 49.4	18.5	Rq~lBaXH15
26497	C2014 10 27.16331 00 19 43.43 -01 46 49.7	18.5	Rq~lBacH15
32824	C2014 10 27.16331 00 20 52.27 -01 12 53.9	17.2	Rq~lBbIH15
35059	C2014 10 27.16331 00 19 50.10 -01 32 56.9	18.0	Rq~lBbXH15
39678	C2014 10 27.16331 00 16 53.56 -01 24 20.7	18.7	Rq~lBc4H15
41135	C2014 10 27.16331 00 20 57.26 -01 35 52.0	19.5	Rq~lBcFH15
42500	C2014 10 27.16331 00 15 40.40 -01 40 04.5	17.4	Rq~lBcOH15
55165	C2014 10 27.16331 00 21 11.99 -01 40 48.0	18.6	Rq~lBdcH15
58090	C2014 10 27.16331 00 16 32.56 -01 12 34.6	18.6	Rq~lBdrH15
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60827	C2014 10 27.16331 00 18 43.22 -02 26 14.5	18.1	Rq~lBe6H15
65568	C2014 10 27.16331 00 18 36.29 -02 26 01.6	19.2	Rq~lBeYH15
66303	C2014 10 27.16331 00 14 35.69 -02 15 46.3	18.4	Rq~lBeeH15
68203	C2014 10 27.16331 00 19 05.03 -01 39 06.0	17.4	Rq~lBerH15
69199	C2014 10 27.16331 00 17 40.13 -01 45 20.6	17.9	Rq~lBeyH15
70700	C2014 10 27.16331 00 20 29.06 -01 40 22.8	18.0	Rq~lBfBH15
71509	C2014 10 27.16331 00 19 48.01 -01 27 05.3	18.8	Rq~lBfGH15
78943	C2014 10 27.16331 00 18 29.77 -02 17 04.6	18.2	Rq~lBg4H15
87714	C2014 10 27.16331 00 19 03.68 -01 50 50.6	19.2	Rq~lBggH15
96433	C2014 10 27.16331 00 17 04.87 -01 07 02.4	18.8	Rq~lBhMH15
A1366	C2014 10 27.16331 00 15 36.45 -02 29 36.4	19.7	Rq~lBhpH15
A2872	C2014 10 27.16331 00 17 58.30 -02 27 58.7	19.6	Rq~lBhxH15
A8963	C2014 10 27.16331 00 15 45.03 -01 15 12.1	17.9	Rq~lBiPH15
B0368	C2014 10 27.16331 00 17 15.52 -01 44 20.6	19.5	Rq~lBiZH15
B3920	C2014 10 27.16331 00 15 20.82 -02 28 34.0	18.2	Rq~lBitH15
B7136	C2014 10 27.16331 00 18 23.47 -02 10 12.6	17.8	Rq~lBjAH15
C9835	C2014 10 27.16331 00 21 30.92 -02 18 19.8	19.3	Rq~lBk3H15
D3469	C2014 10 27.16331 00 16 33.41 -01 10 45.8	18.8	Rq~lBkNH15
F4928	C2014 10 27.16331 00 17 12.14 -01 05 58.2	19.7	Rq~lBloH15
G2656	C2014 10 27.16331 00 21 02.44 -02 14 44.1	19.1	Rq~lBmKH15
G9005	C2014 10 27.16331 00 16 10.97 -02 28 32.0	18.2	Rq~lBmiH15
H4110	C2014 10 27.16331 00 21 14.02 -01 59 12.5	19.8	Rq~lBn4H15
H7709	C2014 10 27.16331 00 15 55.54 -02 38 43.8	19.3	Rq~lBnJH15
I2406	C2014 10 27.16331 00 19 12.36 -01 11 47.6	19.2	Rq~lBnZH15
I6619	C2014 10 27.16331 00 19 07.26 -01 38 30.8	18.9	Rq~lBnrH15
I9312	C2014 10 27.16331 00 21 10.92 -02 02 46.6	20.2	Rq~lBo2H15
J0354	C2014 10 27.16331 00 17 46.89 -02 12 19.3	19.9	Rq~lBo6H15
M6482	C2014 10 27.16331 00 16 54.41 -02 27 27.8	19.6	Rq~lBq0H15
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P5988	C2014 10 27.16331 00 16 49.13 -02 27 40.4	19.6	Rq~lBrJH15
V0927	C2014 10 27.16331 00 19 35.16 -01 41 33.6	19.1	Rq~lBtRH15
V5231	C2014 10 27.16331 00 16 13.53 -01 32 07.2	18.7	Rq~lBtgH15
e7886	C2014 10 27.16331 00 18 24.23 -02 29 07.6	19.0	Rq~lBwPH15
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K14R62Z	C2014 10 27.16595 00 26 05.32 -04 34 45.7	19.0	Rq~lBSpH15
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08483	C2014 10 27.16595 00 23 14.16 -04 52 50.2	17.0	Rq~lBYSH15
16574	C2014 10 27.16595 00 26 45.07 -04 58 24.0	17.3	Rq~lBZTH15
28935	C2014 10 27.16595 00 25 23.53 -06 00 32.0	17.0	Rq~lBatH15
33230	C2014 10 27.16595 00 22 09.26 -05 11 28.4	18.1	Rq~lBbLH15
34410	C2014 10 27.16595 00 28 06.57 -05 22 42.2	18.5	Rq~lBbTH15
41600	C2014 10 27.16595 00 26 25.65 -05 05 51.8	18.6	Rq~lBcJH15
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47887	C2014 10 27.16595 00 26 24.22 -05 29 33.6	18.2	Rq~lBczH15
55851	C2014 10 27.16595 00 22 31.32 -05 43 04.9	18.3	Rq~lBdgH15
60370	C2014 10 27.16595 00 26 56.62 -05 50 17.3	19.6	Rq~lBe3H15
62103	C2014 10 27.16595 00 25 58.33 -05 26 57.3	18.1	Rq~lBeFH15
66406	C2014 10 27.16595 00 24 38.48 -05 53 58.3	17.5	Rq~lBefH15
71609	C2014 10 27.16595 00 27 18.75 -05 11 06.0	18.7	Rq~lBfHH15
78942	C2014 10 27.16595 00 23 48.33 -05 56 07.2	18.1	Rq~lBg4H15
98573	C2014 10 27.16595 00 27 36.44 -05 35 09.8	19.2	Rq~lBhbH15
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B8742	C2014 10 27.16595 00 25 42.38 -05 21 14.7	18.4	Rq~lBjHH15
C5675	C2014 10 27.16595 00 23 51.93 -05 48 16.0	18.0	Rq~lBjlH15
D8944	C2014 10 27.16595 00 28 20.82 -05 30 45.6	18.8	Rq~lBklH15
E4765	C2014 10 27.16595 00 27 14.64 -05 27 56.1	19.5	Rq~lBl6H15
G0900	C2014 10 27.16595 00 27 04.88 -05 15 36.0	18.8	Rq~lBmCH15
H8290	C2014 10 27.16595 00 26 44.44 -04 38 31.7	17.6	Rq~lBnKH15
O4791	C2014 10 27.16595 00 25 34.85 -05 39 48.0	18.4	Rq~lBqcH15
V6733	C2014 10 27.16595 00 25 24.28 -04 36 06.7	18.8	Rq~lBtmH15
X0215	C2014 10 27.16595 00 26 48.33 -05 15 06.8	19.1	Rq~lBusH15
a6846	C2014 10 27.16595 00 26 17.56 -05 20 01.4	19.0	Rq~lBveH15
e1861	C2014 10 27.16595 00 23 21.09 -04 44 02.7	19.2	Rq~lBw4H15
e9993	C2014 10 27.16595 00 23 44.90 -05 21 54.8	19.2	Rq~lBwiH15
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K09V17B	C2014 10 27.16971 00 26 32.62 -07 33 11.9	19.3	Rq~lBRCH15
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K14UH0O*	C2014 10 27.16971 00 27 12.59 -06 41 41.0	20.4	Rq~lBX5H15
01772	C2014 10 27.16971 00 24 50.96 -06 13 57.4	16.2	Rq~lBXUH15
23930	C2014 10 27.16971 00 28 26.00 -06 53 54.1	17.5	Rq~lBaMH15
29209	C2014 10 27.16971 00 25 44.72 -07 07 06.0	16.6	Rq~lBavH15
30136	C2014 10 27.16971 00 28 20.89 -06 41 43.9	19.4	Rq~lBb0H15
32452	C2014 10 27.16971 00 23 22.70 -07 14 17.9	18.2	Rq~lBbGH15
38820	C2014 10 27.16971 00 23 14.26 -07 43 14.6	16.9	Rq~lBbyH15
48598	C2014 10 27.16971 00 26 46.47 -06 39 31.4	17.5	Rq~lBd4H15
64427	C2014 10 27.16971 00 24 48.22 -06 32 50.1	19.2	Rq~lBeSH15
71684	C2014 10 27.16971 00 23 25.37 -06 25 02.3	19.0	Rq~lBfIH15
89226	C2014 10 27.16971 00 27 27.97 -06 45 16.3	18.1	Rq~lBgqH15
A9963	C2014 10 27.16971 00 27 28.24 -06 47 09.1	19.0	Rq~lBiWH15
C0661	C2014 10 27.16971 00 23 36.92 -07 09 51.9	19.0	Rq~lBjQH15
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V1144          C2014 10 31.15156 01 27 31.31 +10 41 18.9          20.1 Rq~1BtRH15
V6814          C2014 10 31.15156 01 29 28.05 +09 58 10.6          18.5 Rq~1BtnH15
W3980          C2014 10 31.15156 01 25 08.34 +09 38 55.3          19.3 Rq~1BuJH15
W5824          C2014 10 31.15156 01 28 20.81 +10 04 20.8          19.0 Rq~1BuUH15
W8656          C2014 10 31.15156 01 27 42.46 +10 32 25.1          18.5 Rq~1BukH15
     K07RU2W   C2014 10 31.15410 01 28 23.19 +11 09 36.4          19.1 Rq~1BQbH15
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10677          C2014 10 31.15410 01 28 00.04 +10 48 25.7          16.7 Rq~1BYiH15
12199          C2014 10 31.15410 01 25 02.47 +12 07 38.3          16.0 Rq~1BYuH15
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27964          C2014 10 31.15410 01 24 34.93 +11 21 20.6          16.6 Rq~1BamH15
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30245          C2014 10 31.15410 01 25 58.28 +11 53 04.2          17.9 Rq~1Bb1H15
36213          C2014 10 31.15410 01 25 40.30 +12 18 44.2          18.2 Rq~1BbgH15
36966          C2014 10 31.15410 01 24 23.62 +11 10 21.6          17.6 Rq~1BbmH15
37456          C2014 10 31.15410 01 25 27.96 +11 02 56.3          19.1 Rq~1BbpH15
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49542          C2014 10 31.15410 01 29 44.44 +11 22 49.5          18.6 Rq~1Bd9H15
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E6561          C2014 10 31.15410 01 23 46.62 +11 15 53.4          18.5 Rq~1BlEH15
F4098          C2014 10 31.15410 01 27 34.72 +12 05 42.0          19.2 Rq~1Bl1H15
G5291          C2014 10 31.15410 01 26 51.31 +11 22 31.3          18.8 Rq~1BmUH15
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U9043          C2014 10 31.15410 01 28 19.10 +11 44 24.8          19.4 Rq~1BtNH15
W9450          C2014 10 31.15410 01 25 19.79 +11 00 06.9          18.8 Rq~1BupH15
a4734          C2014 10 31.15410 01 25 02.15 +11 45 06.8          18.0 Rq~1BvXH15
e8799          C2014 10 31.15410 01 26 27.86 +11 39 51.4          19.4 Rq~1BwSH15
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09427          C2014 10 31.16009 01 37 09.20 -05 27 25.7          16.8 Rq~1C0KH15
33631          C2014 10 31.16009 01 37 16.21 -06 50 01.8          17.8 Rq~1C13H15
33707          C2014 10 31.16009 01 36 34.56 -06 58 18.1          17.6 Rq~1C13H15
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A3002          C2014 10 31.16266 01 33 08.03 -03 41 37.9          17.1 Rq~1C2gH15
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E8568          C2014 10 31.16266 01 32 25.56 -05 03 35.9          17.9 Rq~1C3UH15
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Q9262          C2014 10 31.16266 01 33 49.67 -03 34 54.2          19.3 Rq~1C4zH15
V7265          C2014 10 31.16266 01 35 44.33 -05 07 22.1          19.8 Rq~1C5HH15
W3593          C2014 10 31.16266 01 35 23.08 -04 10 24.1          18.8 Rq~1C5MH15
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58504          C2014 10 31.16537 01 35 58.49 -01 39 15.0          18.6 Rq~1C1hH15
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E6504          C2014 10 31.16537 01 33 16.94 -00 02 20.4          17.9 Rq~1C3SH15
M9261          C2014 10 31.16537 01 34 13.56 -01 14 07.8          19.1 Rq~1C4ZH15
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21484       C2014 10 31.17624 01 31 47.59 -00 33 11.3       16.9 Rq~1C0iH15
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58504       C2014 10 31.17624 01 35 57.84 -01 39 14.3       18.6 Rq~1C1hH15
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A7052       C2014 10 31.17624 01 36 07.94 -00 27 43.1       19.1 Rq~1C2kH15
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74791          C2014 10 31.24057 01 35 30.50 +10 21 38.1          17.2 Rq~1BfeH15
87959          C2014 10 31.24057 01 32 02.30 +09 47 12.9          18.3 Rq~1BgiH15
92373          C2014 10 31.24057 01 32 55.58 +10 43 10.7          18.2 Rq~1Bh5H15
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A9777          C2014 10 31.24057 01 36 46.37 +10 31 18.6          17.5 Rq~1BiUH15
B1366          C2014 10 31.24057 01 34 32.46 +09 49 49.6          19.1 Rq~1BiiH15
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B5372          C2014 10 31.24057 01 36 54.93 +10 27 56.0          18.8 Rq~1Bj1H15
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D3209          C2014 10 31.24057 01 35 57.22 +09 52 07.9          18.4 Rq~1BkMH15
D6980          C2014 10 31.24057 01 32 44.66 +10 10 39.0          18.6 Rq~1BkdH15
D7014          C2014 10 31.24057 01 30 15.05 +09 55 08.3          17.8 Rq~1BkeH15
D9318          C2014 10 31.24057 01 33 16.59 +10 02 28.6          19.2 Rq~1BkmH15
E3111          C2014 10 31.24057 01 32 44.24 +09 21 34.6          18.7 Rq~1Bl0H15
E4630          C2014 10 31.24057 01 33 06.84 +10 42 15.5          18.7 Rq~1Bl6H15
E4839          C2014 10 31.24057 01 32 46.14 +10 37 27.1          19.0 Rq~1Bl6H15
F1866          C2014 10 31.24057 01 31 51.71 +10 05 54.6          19.4 Rq~1BlcH15
F3769          C2014 10 31.24057 01 36 18.55 +09 18 39.0          18.4 Rq~1BljH15
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G7760          C2014 10 31.24057 01 33 07.26 +09 49 37.6          17.8 Rq~1BmdH15
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S8112          C2014 10 31.24057 01 34 27.39 +10 34 00.5          18.4 Rq~1BspH15
T0486          C2014 10 31.24057 01 35 50.41 +10 19 56.6          18.9 Rq~1BsvH15
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a0345          C2014 10 31.24057 01 31 20.27 +09 16 15.3          18.8 Rq~1BvGH15
a7661          C2014 10 31.24057 01 30 14.72 +09 39 18.6          18.3 Rq~1BvjH15
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11582          C2014 10 31.24318 01 33 44.46 +11 21 29.6          17.6 Rq~1BYqH15
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26637          C2014 10 31.24318 01 32 52.08 +12 02 25.2          16.1 Rq~1BaeH15
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L0192          C2014 10 31.24683 01 58 39.61 -00 32 04.2          19.0 Rq~1C4JH15
85871          C2014 10 31.24683 01 52 55.48 -00 51 47.4          18.6 Rq~1C2LH15
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99636          C2014 10 31.24683 01 56 01.10 -00 08 37.2          18.7 Rq~1C2bH15
B5203          C2014 10 31.24683 01 52 36.47 -01 07 33.9          18.7 Rq~1C2vH15
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e7434          C2014 10 31.24683 01 52 09.61 -00 03 32.6          19.4 Rq~1C5iH15
     K09V71S   C2014 10 31.24683 01 52 38.85 -00 25 55.9          19.5 Rq~1BxXH15
     K09V88H   C2014 10 31.24683 01 54 10.01 -01 00 41.5          19.4 Rq~1BxXH15
     K14UK2R   C2014 10 31.24683 01 54 08.35 -00 41 22.3          19.7 Rq~1BzoH15
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21965          C2014 10 31.24941 01 59 07.30 -04 52 19.2          18.2 Rq~1C0iH15
25828          C2014 10 31.24941 01 52 16.75 -03 59 06.7          18.0 Rq~1C0pH15
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79434          C2014 10 31.24941 01 53 11.66 -04 16 00.7          19.8 Rq~1C2FH15
89060          C2014 10 31.24941 01 58 52.75 -03 43 08.0          18.3 Rq~1C2PH15
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V7005          C2014 10 31.24941 01 56 32.63 -03 44 10.9          19.2 Rq~1C5HH15
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56455          C2014 10 31.25757 01 53 10.07 -00 45 02.4          18.2 Rq~1C1eH15
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B5203          C2014 10 31.25757 01 52 35.86 -01 07 33.9          18.8 Rq~1C2vH15
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F4468          C2014 10 31.25757 01 56 18.11 -00 12 29.6          19.2 Rq~1C3aH15
F8196          C2014 10 31.25757 01 53 01.82 -00 03 09.9          19.6 Rq~1C3eH15
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Q0889          C2014 10 31.25757 01 57 02.31 -00 00 40.3          19.1 Rq~1C4tH15
R1947          C2014 10 31.25757 01 54 46.54 -01 06 39.7          19.2 Rq~1C51H15
R8512          C2014 10 31.25757 01 55 20.73 -00 11 32.8          19.3 Rq~1C55H15
Y9064          C2014 10 31.25757 01 55 47.04 -00 34 02.5          18.7 Rq~1C5VH15
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21965          C2014 10 31.26024 01 59 06.77 -04 52 21.5          18.2 Rq~1C0iH15
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89060          C2014 10 31.26024 01 58 52.18 -03 43 11.7          18.8 Rq~1C2PH15
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Q0016          C2014 10 31.26024 01 54 37.57 -04 53 06.6          20.0 Rq~1C4sH15
Q4821          C2014 10 31.26024 01 53 42.05 -04 34 36.7          20.0 Rq~1C4wH15
V7005          C2014 10 31.26024 01 56 32.04 -03 44 11.5          19.4 Rq~1C5HH15
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W8040          C2014 10 31.26024 01 57 41.83 -04 55 42.2          20.1 Rq~1C5RH15
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86366          C2014 10 31.26618 01 55 37.03 -01 56 02.4          17.0 Rq~1C2LH15
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J1471          C2014 10 31.28821 01 52 56.60 -02 45 42.4          19.2 Rq~1C48H15
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77929         C2014 11 01.13620 01 24 34.55 -00 24 41.4          18.1 Rq~1C2DH15
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H8999         C2014 11 01.13873 01 22 52.92 +00 34 52.3          17.3 Rq~1C3xH15
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50737         C2014 11 01.45098 05 16 56.43 +05 22 24.9          18.0 Rq~1C1WH15
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B7021         C2014 11 01.45098 05 22 00.94 +04 31 51.8          17.8 Rq~1C2yH15
C7063         C2014 11 01.45098 05 17 02.87 +04 20 51.7          18.4 Rq~1C38H15
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27895         C2014 11 01.45360 05 13 24.83 +05 13 29.3          17.5 Rq~1C0tH15
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I0883          C2014 11 01.46184 05 20 17.07 +05 08 24.5          18.7 Rq~1C3zH15
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27895          C2014 11 01.46451 05 13 24.58 +05 13 23.4          17.6 Rq~1C0tH15
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ISON-Hureltogoot (O75)

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     K14U57D   C2014 10 25.70883 00 26 59.58 +04 49 51.2                q~1BVJO75
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