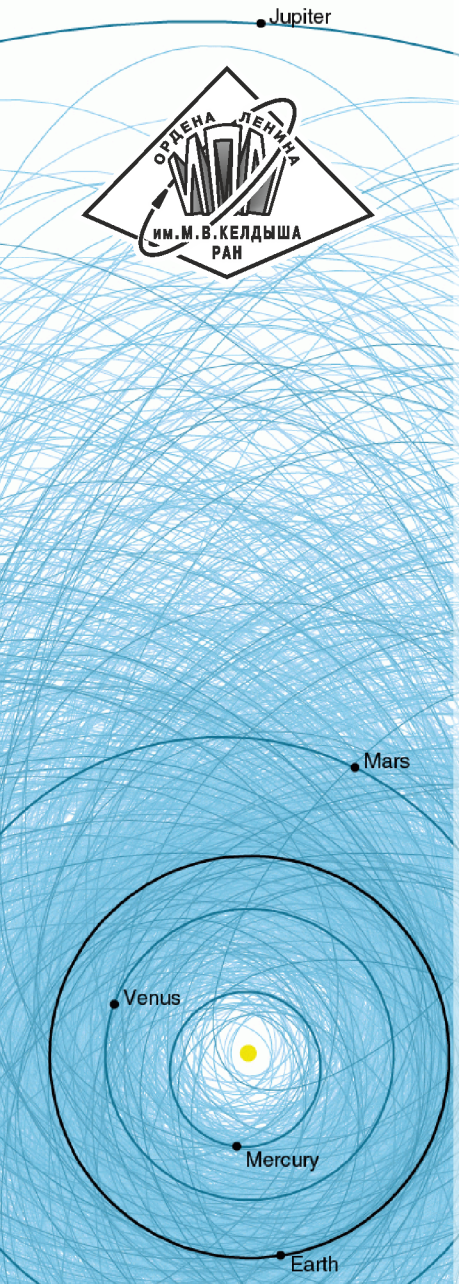
ОРДЕНА ЛЕНИНА
ИНСТИТУТ ПРИКЛАДНОЙ МАТЕМАТИКИ
ИМЕНИ М.В. КЕЛДЫША
РОССИЙСКОЙ АКАДЕМИИ НАУК

Бюллетень № 15-1 (10)

1-я лунация 2015 г.
03.01.15 – 31.01.15



АСТЕРОИДНО-КОМЕТНАЯ ОПАСНОСТЬ

Москва – 2015

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

В ходе первой лунации 2015 года, основным средством контроля астероидно-кометной опасности (АКО), как и в прошедшие месяцы, являлся обзорный телескоп Pan-STARRS 1, получивший более 945 тыс. измерений. Этот телескоп является и самым результативным по количеству обнаруженных малых тел Солнечной системы, включая астероиды, сближающиеся с Землей (АСЗ) и кометы. Наблюдается тенденция снижения общего вклада в открытие АСЗ, телескопами обзора Каталины и SpaceWatch.

В отчетный период зафиксировано три тесных сближения АСЗ с Землей. Все астероиды были обнаружены постфактум, что, в настоящий момент, является обычным явлением. Подобная ситуация говорит о том, что даже на данном этапе, когда введен в строй крупный обзорный телескоп Pan-STARRS 1 и выходит на полную мощность новейший телескоп SST, средств контроля околоземного пространства в рамках АКО недостаточно. Показательна история недавнего обнаружения АСЗ 2015 BP513. Этот объект был открыт обзором Pan-STARRS 1, 27 января 2015 года, т.е. практически спустя 9 суток после его тесного сближения (237 900 км) с Землей. Несколькими днями позднее, астероид 2015 BP513 был найден на архивных кадрах, полученных 19 января, т.е. спустя сутки после сближения. Исходя из того, что данные кадры были сняты в фильтре *Johnson R*, а не в используемом для поисковых наблюдений фильтром *w*, можно сделать вывод, что обнаружение астероида на кадрах от 19 января является случайным и они были получены в ходе выполнения других наблюдательных задач. На этот момент времени, астероид имел блеск 16.3R, но и высокую угловую скорость, порядка 70 угловых секунд в минуту, что, конечно, осложняло его автоматическое детектирование. Но главным фактором, помешавшим открыть этот объект ранее, явилась его малая элонгация. На эпоху кадров от 19 января она составляла всего 113°, в то время как основная масса открытий и, соответственно, поисковых зон крупных обзоров, приходится на элонгацию от 140° и выше. В момент максимального сближения, элонгация астероида составляла менее 42°, т.е. он был практически не виден с Земли. В целом, ситуация схожа с Челябинским метеоритом - астероид подходил со стороны Солнца и стал доступен для обнаружения (по блеску) уже находясь менее чем в 30° от Солнца. На выходе из соединения с Солнцем, астероид медленно терял блеск и стал доступен для обнаружения наземными средствами контроля АКО. Данный случай еще раз хорошо демонстрирует проблему обнаружения “внутренних” АСЗ, подлетающих к Земле со стороны Солнца. В настоящий момент человечество абсолютно не защищено от подобных угроз. Для решения этой задачи необходимо использование поисковых телескопов космического базирования, расположенных вдали от Земли (точки Лагранжа - L1, L4, L5) или на орбите внутренних планет Солнечной системы.

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.	F51	945402	155903	17383	Pan-STARRS 1
2.	G45	408106	38870	0	Space Surveillance Telescope
3.	G96	136708	29485	1814	Mt. Lemmon Survey
4.	703	117878	22731	62	Catalina Sky Survey
5.	691	65318	15381	498	Spacewatch
6.	I41	63879	6047	14	Palomar Mountain
7.	C51	26092	1319	10	WISE
8.	J43	21535	3509	44	Oukaimeden Observatory
9.	**H15**	**15608**	**4829**	**3**	**ISON-NM Observatory**
10.	**D00**	**7708**	**1874**	**1**	**ISON-Kislovodsk Observatory**
11.	J04	7153	2009	38	ESA Optical Ground Station
12.	C41	2101	669	0	MASTER-II Observatory, Kislovodsk
13.	071	1967	129	0	NAO Rozhen
14.	W95	1798	425	0	Observatorio Panameno
15.	V30	1713	373	2	Heaven on Earth Observatory
16.	Y00	1447	454	1	SONEAR Observatory
17.	H21	1446	276	6	Astronomical Research Observatory
18.	A24	1389	363	0	New Millennium Observatory
19.	807	1209	208	0	Cerro Tololo Observatory
20.	C94	1060	348	0	MASTER-II Observatory, Tunka
21.	291	1023	289	0	LPL/Spacewatch II
22.	950	938	164	0	La Palma
23.	309	894	174	2	Cerro Paranal
24.	G36	838	165	1	Calar Alto-CASADO
25.	W84	616	11	7	Cerro Tololo-DECam
26.	644	602	127	1	Palomar Mountain/NEAT
27.	568	545	166	7	Mauna Kea
28.	160	468	77	0	Castelmartini
29.	645	412	170	0	Apache Point-Sloan Digital Sky Survey
30.	H01	379	80	0	Magdalena Ridge Observatory
93.	**L96**	**30**	**5**	**0**	**ISON-Byurakan Observatory**
111.	**O75**	**21**	**6**	**0**	**ISON-Hureltogoot Observatory**
206.	**A50**	**3**	**1**	**0**	**Andrushivka Astronomical Observatory**

III. ОБЩАЯ СТАТИСТИКА ПО КОЛИЧЕСТВУ ОТКРЫТЫХ ОБЪЕКТОВ

№	Код MPC	Измерений	Объектов	Открыто	Обсерватория
1.	F51	945402	155903	17383	Pan-STARRS 1
2.	G96	136708	29485	1814	Mt. Lemmon Survey
3.	691	65318	15381	498	Steward Observatory
4.	703	117878	22731	62	Catalina Sky Survey
5.	J43	21535	3509	44	Oukaimeden Observatory
6.	J04	7153	2009	38	ESA Optical Ground Station
7.	I41	63879	6047	14	Palomar Mountain--PTF
8.	C51	26092	1319	10	WISE
9.	568	545	166	7	Mauna Kea
	W84	616	11	7	Cerro Tololo-DECam
10.	H21	1446	276	6	Astronomical Research Observatory
11.	290	212	33	5	Mt. Graham-VATT
12.	B74	128	28	4	Santa Maria de Montmagastrell
13.	**H15**	**15608**	**4829**	**3**	**ISON-NM Observatory**
14.	309	894	174	2	Cerro Paranal
	V30	1713	373	2	Heaven on Earth Observatory
15.	461	141	35	1	University of Szeged (Konkoly)
	G36	838	165	1	Calar Alto-CASADO
	Q62	59	11	1	iTelescope Observatory, Siding Spring
	644	602	127	1	Palomar Mountain/NEAT
	C85	20	2	1	Observatorio Cala d'Hort
	D00	**7708**	**1874**	**1**	**ISON-Kislovodsk Observatory**
	Y00	1447	454	1	SONEAR Observatory
	G93	7	1	1	Sonoita Research Observatory

IV. СТАТИСТИКА ПО ОТКРЫТЫМ АСЗ

	Количество	Потенциально опасные	Атира	Атоны	Аполлонцы	Амуры
Лунация	**150**	13	0	9	74	67
Всего	**12 141**	**1 562**	**21**	**895**	**6 009**	**5 216**

V. ТЕСНЫЕ СБЛИЖЕНИЯ АСЗ С ЗЕМЛЕЙ

Обозначение	Дата	Δ, *км*	MOID, а. е.	$V_з$, *км/с*	m_0	H	D, *м*	E	Δt, *сутки*	Сем-во
2015 AQ43	2015-01-14.55554	158 600	0.0001	12.631	18.2V	28.2	5-13	151.0	-0.88465	Аполлон
2015 BP513	2015-01-18.69800	237 900	0.0005	10.137	21.5w	26.6	12-29	142.9	-8.90926	Аполлон
2015 BE511	2015-01-20.55642	161 600	0.0007	15.378	19.7w	28.6	4-11	152.6	-0.85553	Аполлон

Δ - расстояние до Земли; MOID - минимальная дистанция пересечения орбит; $V_з$ - 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)

2015 AQ43

```
Эпоха 2014 декабрь 9.0 TT = JDT 2457000.5
M   6.06982            (2000.0)            P              Q
n   0.59173730     Peri.  294.31987     +0.65323153    -0.73796264          T = 2456990.24237 JDT
a   1.4051308      Node   113.79438     +0.74432500    +0.58485987          q = 0.8120863
e   0.4220564      Incl.   10.66974     +0.13881231    +0.33667502       MOID = 0.00014 a.e.
П   1.67           H   28.2          G   0.15          U   5
```

2015 BP513

```
Эпоха 2014 декабрь 9.0 TT = JDT 2457000.5
M 351.88060            (2000.0)            P              Q
n   0.41227955     Peri.  335.38894     -0.02808640    -0.99955144          T = 2457020.19391 JDT
a   1.7878930      Node   116.21906     +0.91902909    -0.02991179          q = 0.9495878
e   0.4688788      Incl.    0.66397     +0.39318784    -0.00148529       MOID = 0.00050 a.e.
П   2.39           H   26.6          G   0.15          U   5
```

2015 BE511

```
Эпоха 2014 декабрь 9.0 TT = JDT 2457000.5
M 353.65808            (2000.0)            P              Q
n   0.25084949     Peri.  177.40406     -0.12537827    -0.99210700          T = 2457025.78176 JDT
a   2.4899688      Node   279.79853     +0.91020567    -0.11422581          q = 0.9555874
e   0.6162251      Incl.    0.11623     +0.39472260    -0.05173172       MOID = 0.00065 a.e.
П   3.93           H   28.6          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

В отчетный период фотометрические наблюдения не проводились.

VII. ДАННЫЕ РАДИОЛОКАЦИИ АСЗ

Обозначение	*	Дата начала наблюдений	Дата окончания наблюдений	Обсерватория	D, м	Δ_0, а.е.	Δ_1, а.е.	P, *кВт*
2007 EC		2015-01-16	2015-01-16	Голдстоун	120	0.028↑	0.029↑	450
		2015-01-27	2015-01-28	Аресибо		0.051↑	0.055↑	900
2004 BL86	PHA	2015-01-26	2015-01-31	Голдстоун/Гринбэнк	550	0.009↑	0.043↑	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

Byurakan (123)

```
     K15BV1L  C2015 01 22.91197 07 10 12.81 +10 18 37.7          17.8 Ro~1I3Z123
     K15BV1L  C2015 01 22.91250 07 10 12.80 +10 18 39.0          17.7 Ro~1I3Z123
     K15BV1L  C2015 01 22.91302 07 10 12.69 +10 18 41.8          17.4 Ro~1I3Z123
     K15BV1L  C2015 01 22.91628 07 10 12.42 +10 18 58.0          17.5 Ro~1I3Z123
     K15BV1L  C2015 01 22.91681 07 10 12.35 +10 19 00.5          17.5 Ro~1I3Z123
```

ISON-Kislovodsk (D00)

```
06053        C2015 01 15.91779 11 03 22.09 +03 42 42.0          17.5 Vq~1GPBD00
06053        C2015 01 15.92852 11 03 21.29 +03 42 36.7          17.4 Vq~1GPBD00
06053        C2015 01 15.93929 11 03 20.52 +03 42 31.5          17.4 Vq~1GPBD00
06053        C2015 01 15.95007 11 03 19.70 +03 42 26.0          17.4 Vq~1GPBD00
S5625        C2015 01 16.00958 11 35 26.39 -00 09 00.0          19.9 Vq~1GdhD00
S5625        C2015 01 16.02038 11 35 26.49 -00 09 08.5          20.0 Vq~1GdhD00
S5625        C2015 01 16.03110 11 35 26.55 -00 09 15.5          19.5 Vq~1GdhD00
S5625        C2015 01 16.04186 11 35 26.57 -00 09 24.0          19.1 Vq~1GdhD00
f1611        C2015 01 16.05215 11 44 23.54 +00 19 58.3          18.5 Vq~1GgdD00
f1611        C2015 01 16.06281 11 44 23.69 +00 20 02.7          18.7 Vq~1GgdD00
f1611        C2015 01 16.07357 11 44 23.73 +00 20 07.7          18.6 Vq~1GgdD00
```

```
f1611          C2015 01 16.08428 11 44 23.94 +00 20 12.0          19.3 Vq~1GgdD00
07889          C2015 01 19.14300 16 30 51.24 +18 13 18.5          16.2  q~1H0AD00
07889          C2015 01 19.14446 16 30 51.56 +18 13 22.4          16.3  q~1H0AD00
07889          C2015 01 19.14519 16 30 51.71 +18 13 24.5          16.1  q~1H0AD00
07889          C2015 01 19.14667 16 30 52.04 +18 13 28.4          16.3  q~1H0AD00
07889          C2015 01 19.14741 16 30 52.19 +18 13 30.4          16.3  q~1H0AD00
07889          C2015 01 19.14815 16 30 52.37 +18 13 32.5          16.4  q~1H0AD00
07889          C2015 01 19.14975 16 30 52.71 +18 13 36.7          16.2  q~1H0AD00
     K14UK6F   C2015 01 23.86519 08 31 52.71 +71 54 33.7          17.6 Vq~1I2YD00
     K14UK6F   C2015 01 23.87596 08 31 52.27 +71 56 40.0          17.5 Vq~1I2YD00
     K14UK6F   C2015 01 23.88667 08 31 52.02 +71 58 44.8          17.6 Vq~1I2YD00
     K14UK6F   C2015 01 23.89747 08 31 51.78 +72 00 50.2          17.5 Vq~1I2YD00
24475          C2015 01 25.11756 15 22 28.78 -02 45 44.0          19.3 Vq~1I9YD00
24475          C2015 01 25.12490 15 22 29.65 -02 45 47.4          19.3 Vq~1I9YD00
24475          C2015 01 25.13226 15 22 30.48 -02 45 49.9          19.1 Vq~1I9YD00
24475          C2015 01 25.13964 15 22 31.20 -02 45 52.3          20.1 Vq~1I9YD00
```

ISON-NM (H15)

```
03199          C2015 01 07.50144 12 53 37.81 -06 09 25.4          17.9 Ro~1GHXH15
03199          C2015 01 07.51349 12 53 38.17 -06 09 39.4          18.0 Ro~1GHXH15
03199          C2015 01 07.52438 12 53 38.43 -06 09 53.2          18.1 Ro~1GHXH15
06050          C2015 01 16.14906 05 20 27.99 +25 45 11.8          16.9 Ro~1GPBH15
06050          C2015 01 16.15997 05 20 27.82 +25 45 15.2          17.3 Ro~1GPBH15
06050          C2015 01 16.17104 05 20 27.69 +25 45 19.2          16.8 Ro~1GPBH15
     K05B00E tC2015 01 19.18128 06 22 22.06 +16 37 38.9          19.1 Ro~1Gi7H15
     K05B00E tC2015 01 19.19266 06 22 18.05 +16 38 34.7          19.3 Ro~1Gi7H15
     K05B00E tC2015 01 19.20349 06 22 14.29 +16 39 27.7          19.1 Ro~1Gi7H15
     K15B04E KC2015 01 19.51621 10 37 07.77 +23 12 31.5          19.3 Rq~1GrVH15
     K15B04E KC2015 01 19.51777 10 37 07.33 +23 12 37.9          19.6 Rq~1GrVH15
     K14Y09M  C2015 01 20.37106 07 50 45.17 -11 44 38.5          18.4 Ro~1GnnH15
     K14Y09M  C2015 01 20.38203 07 50 45.40 -11 44 05.7          18.4 Ro~1GnnH15
     K14Y09M  C2015 01 20.39327 07 50 45.67 -11 43 31.5          18.4 Ro~1GnnH15
04450        tC2015 01 20.49665 14 06 21.12 -15 53 03.6          18.3 Ro~1GygH15
04450        tC2015 01 20.50764 14 06 26.47 -15 53 41.2          18.3 Ro~1GygH15
04450        tC2015 01 20.51849 14 06 31.77 -15 54 17.5          18.2 Ro~1GygH15
     K14R12L  C2015 01 21.15485 07 12 54.78 -01 44 22.2          18.6 Ro~1GmHH15
     K14R12L  C2015 01 21.16560 07 12 53.85 -01 44 30.3          18.3 Ro~1GmHH15
     K14R12L  C2015 01 21.17680 07 12 52.85 -01 44 39.1          18.4 Ro~1GmHH15
D6635          C2015 01 21.31511 07 38 29.88 -01 23 30.4          19.0 Ro~1HX5H15
D6635          C2015 01 21.32666 07 38 28.74 -01 23 34.1          19.1 Ro~1HX5H15
```

```
D6635         C2015 01 21.33755 07 38 27.76 -01 23 36.2          19.0 Ro~1HX5H15
85804        tC2015 01 24.24728 06 52 18.76 +02 32 26.2          15.8 Ro~1IFWH15
85804        tC2015 01 24.25832 06 52 16.84 +02 31 53.1          15.7 Ro~1IFWH15
85804        tC2015 01 24.26913 06 52 14.97 +02 31 20.4          15.7 Ro~1IFWH15
06053         C2015 01 25.42018 10 50 10.94 +02 35 25.0          17.0 Ro~1I7RH15
06053         C2015 01 25.43165 10 50 09.82 +02 35 20.9          17.1 Ro~1I7RH15
06053         C2015 01 25.44312 10 50 08.72 +02 35 16.8          17.3 Ro~1I7RH15
     K14Y09M tC2015 01 26.18494 07 55 17.66 -05 31 37.9          16.9 Ro~1I2kH15
     K14Y09M tC2015 01 26.19653 07 55 18.14 -05 30 42.0          16.7 Ro~1I2kH15
     K14Y09M tC2015 01 26.20749 07 55 18.65 -05 29 48.1          16.7 Ro~1I2kH15
f1611         C2015 01 27.41084 11 43 14.57 +02 13 48.9          18.4 Ro~1IWvH15
f1611         C2015 01 27.42224 11 43 14.14 +02 13 57.3          18.6 Ro~1IWvH15
f1611         C2015 01 27.43359 11 43 13.68 +02 14 06.2          18.7 Ro~1IWvH15
     K11W15K tC2015 01 28.38957 09 50 47.12 +38 44 30.5          16.9 Ro~1I1jH15
     K11W15K tC2015 01 28.40043 09 50 51.57 +38 45 07.8          17.0 Ro~1I1jH15
     K11W15K tC2015 01 28.41199 09 50 56.33 +38 45 47.5          17.1 Ro~1I1jH15
f5715         C2015 01 29.13428 07 10 48.14 +15 53 50.4          18.9 Ro~1IWyH15
f5715         C2015 01 29.14519 07 10 47.50 +15 53 35.2          19.2 Ro~1IWyH15
f5715         C2015 01 29.15612 07 10 46.83 +15 53 20.3          19.0 Ro~1IWyH15
```

ISON-Hureltogoot (O75)

```
     K15A44F  C2015 01 15.51362 07 14 17.67 +31 14 54.7          18.4 Rq~1GOZO75
     K15A44F  C2015 01 15.51956 07 14 23.37 +31 12 48.0          18.1 Rq~1GOZO75
     K15A44F  C2015 01 15.52104 07 14 24.89 +31 12 16.6          17.7 Rq~1GOZO75
     K15A44F  C2015 01 15.52400 07 14 27.72 +31 11 12.6          18.5 Rq~1GOZO75
     K15A45C  C2015 01 15.67777 08 49 39.35 +09 40 39.2          19.2 Rq~1Go0O75
     K15A45C KC2015 01 15.68576 08 49 38.27 +09 40 09.5          19.5 Rq~1Go0O75
     K15A45C  C2015 01 15.69163 08 49 37.45 +09 39 48.2          19.3 Rq~1Go0O75
     K15A45C KC2015 01 15.69274 08 49 37.28 +09 39 43.4          19.0 Rq~1Go0O75
     K15A45C  C2015 01 15.69311 08 49 37.26 +09 39 42.8          19.1 Rq~1Go0O75
     K15BV1L KC2015 01 22.79429 07 10 19.43 +10 08 43.2          17.3 Rq~1GwmO75
     K15BV1L KC2015 01 22.79551 07 10 19.37 +10 08 49.7          17.6 Rq~1GwmO75
     K15BV1L KC2015 01 22.79672 07 10 19.25 +10 08 56.2          17.3 Rq~1GwmO75
     K15BV1L KC2015 01 22.79794 07 10 19.17 +10 09 02.6          17.5 Rq~1GwmO75
     K15Bo9D KC2015 01 22.84347 12 16 46.66 +14 53 48.2          18.5 Rq~1I6OO75
     K15Bo9D KC2015 01 22.84468 12 16 44.50 +14 53 53.0          18.6 Rq~1I6OO75
     K15Bo9S KC2015 01 22.85212 12 13 19.98 +17 03 46.2          19.3 Rq~1I6QO75
     K15Bo9S KC2015 01 22.85437 12 13 20.42 +17 04 00.9          19.3 Rq~1I6QO75
     K15B92W KC2015 01 23.65328 10 05 05.95 +57 28 38.3          16.3 Rq~1I3EO75
     K15B92W KC2015 01 23.65449 10 05 05.39 +57 28 29.1          17.1 Rq~1I3EO75
```

```
K15B92W KC2015 01 23.65571 10 05 04.89 +57 28 20.6          16.7 Rq~1I3EO75
K15B92W KC2015 01 23.65692 10 05 04.38 +57 28 11.7          16.6 Rq~1I3EO75
```

IX. ОБОБЩЕННЫЕ РЕЗУЛЬТАТЫ

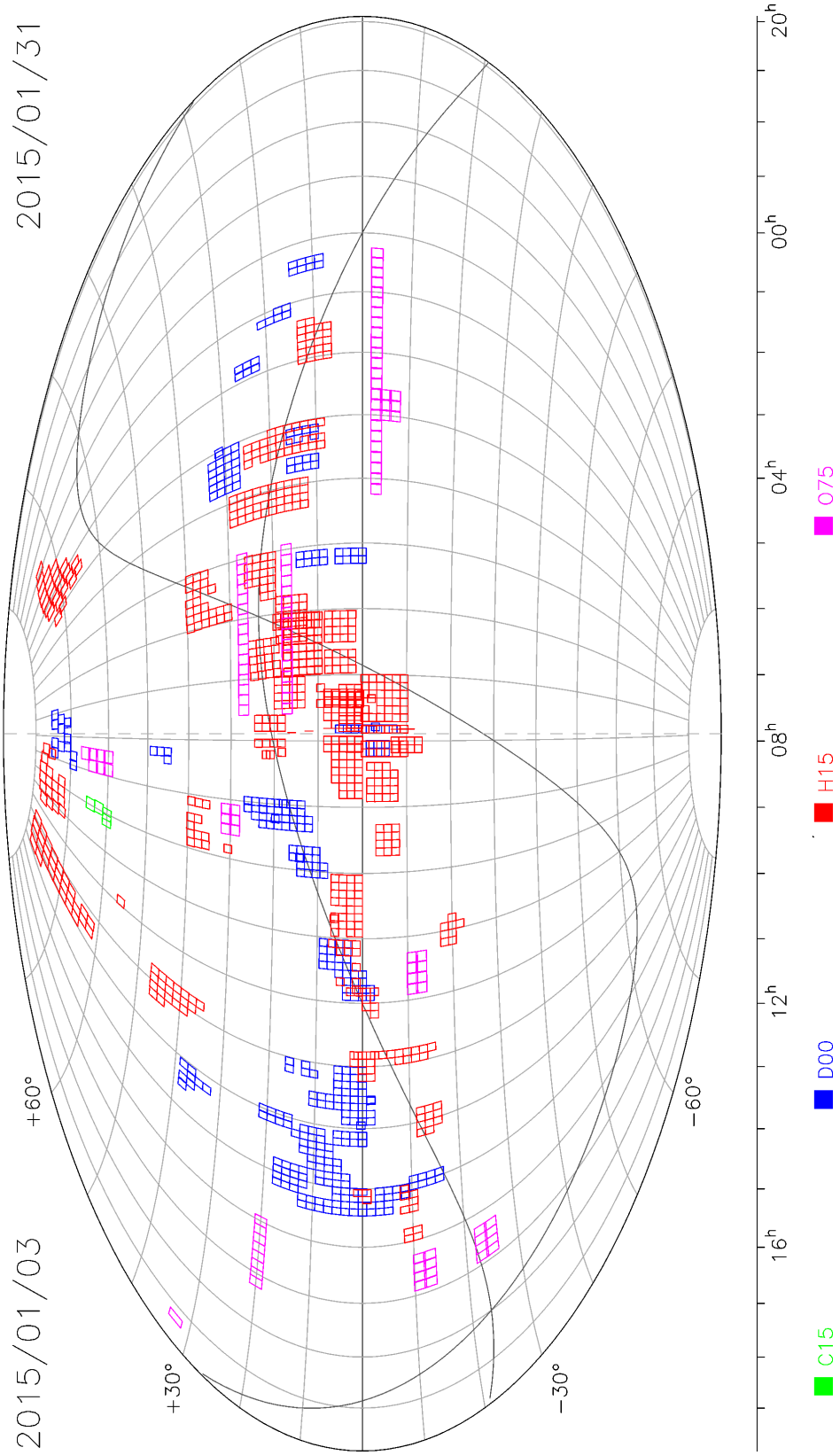
За рассматриваемый период времени (03.01.15-31.01.15), обсерваториями НСОИ АФН, участвующими в наблюдениях малых тел Солнечной системы получено 23 437 позиционных измерения, открыто 4 новых астероида. По общему количеству измерений и открытых объектов, среди всех наблюдателей, обсерватория ISON-NM заняла 9 и 13 места, а обсерватория ISON-Kislovodsk - 10 и 15 места, соответственно. В общем, всеми обсерваториями были открыты 150 АСЗ, в том числе 13 потенциально опасных. Общее количество известных АСЗ на данный момент - 12 141 из них потенциально опасных - 1 562 (12.9% от общего числа астероидов).

Были зафиксированы три тесных сближения с Землей, все астероиды были обнаружены уже на отлетной траектории.

В отчетный период фотометрические наблюдения не проводились.

Радио обсерваториями Голдстоун и Аресибо проведена успешная локация двух АСЗ - 2007 EC и потенциально опасного, крупного астероида 2004 BL86. Наблюдения проводились на дистанциях от 0.009 до 0.055 а.е. В ходе наблюдений, мощности передатчиков составляли 440-450 кВт (Голдстоун) и 900 кВт (Аресибо). Стоит отметить успешное проведение бистатической радиолокации астероида 2004 BL86, в ходе которой, в качестве излучателя использовалась антенна DSS-14 (Голдстоун), а в качестве приемника был использован недавно переоборудованный, крупнейший в мире, полноповоротный, 100-метровый радиотелескоп в Гринбэнке (GBT).

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
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
L96	ISON-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
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

Byurakan (123)

```
     K15BV1L  C2015 01 22.91197 07 10 12.81 +10 18 37.7          17.8 Ro~1I3Z123
     K15BV1L  C2015 01 22.91250 07 10 12.80 +10 18 39.0          17.7 Ro~1I3Z123
     K15BV1L  C2015 01 22.91302 07 10 12.69 +10 18 41.8          17.4 Ro~1I3Z123
     K15BV1L  C2015 01 22.91628 07 10 12.42 +10 18 58.0          17.5 Ro~1I3Z123
     K15BV1L  C2015 01 22.91681 07 10 12.35 +10 19 00.5          17.5 Ro~1I3Z123
```

ISON-Kislovodsk (D00)

```
64085          C2015 01 13.69366 03 23 28.69 +33 34 02.5          17.8 Vq~1GTED00
B5535          C2015 01 13.69366 03 21 27.08 +33 35 35.2          20.5 Vq~1GWND00
E9563          C2015 01 13.69366 03 21 20.39 +33 45 09.3          19.7 Vq~1GY3D00
04453          C2015 01 13.69501 03 21 51.02 +31 12 21.8          17.4 Vq~1GP2D00
48830          C2015 01 13.69501 03 19 51.26 +31 43 13.3          18.4 Vq~1GSID00
52207          C2015 01 13.69501 03 19 08.31 +30 33 11.6          19.5 Vq~1GSYD00
53433          C2015 01 13.69501 03 19 46.47 +31 35 08.7          18.6 Vq~1GScD00
76050          C2015 01 13.69501 03 22 39.84 +30 35 01.1          20.4 Vq~1GU3D00
77754          C2015 01 13.69501 03 21 47.64 +32 01 15.6          20.4 Vq~1GUCD00
08485          C2015 01 13.69635 03 16 25.11 +29 48 49.1          19.2 Vq~1GPPD00
17688          C2015 01 13.69635 03 23 14.24 +29 10 16.7          18.2 Vq~1GQ8D00
30797          C2015 01 13.69635 03 16 46.27 +29 18 05.3          19.9 Vq~1GR4D00
47943          C2015 01 13.69635 03 23 56.94 +29 17 47.7          20.0 Vq~1GSFD00
70581          C2015 01 13.69635 03 20 39.85 +29 55 08.7          20.9 Vq~1GTeD00
93444          C2015 01 13.69635 03 19 44.92 +29 14 28.4          18.9 Vq~1GV2D00
97462          C2015 01 13.69635 03 23 37.93 +28 44 29.4          19.3 Vq~1GVED00
99868          C2015 01 13.69635 03 17 57.70 +30 07 36.7          20.8 Vq~1GVOD00
D2770          C2015 01 13.69635 03 17 32.35 +30 08 58.7          19.6 Vq~1GXED00
L9420          C2015 01 13.69635 03 22 07.64 +29 45 56.1          19.8 Vq~1GauD00
     K09VA3L   C2015 01 13.69769 03 21 31.20 +26 53 25.5          19.8 Vq~1GM4D00
04125          C2015 01 13.69769 03 19 06.81 +28 06 07.5          17.4 Vq~1GP1D00
10499          C2015 01 13.69769 03 17 00.79 +27 37 32.3          19.0 Vq~1GPYD00
37760          C2015 01 13.69769 03 18 29.13 +27 55 27.6          18.1 Vq~1GRXD00
54934          C2015 01 13.69769 03 19 59.47 +27 08 35.0          18.1 Vq~1GSiD00
64147          C2015 01 13.69769 03 23 05.20 +28 09 23.9          18.9 Vq~1GTED00
B1708          C2015 01 13.69769 03 17 15.60 +28 26 44.5          19.5 Vq~1GW7D00
14936          C2015 01 13.69904 03 27 16.92 +32 23 33.3          18.2 Vq~1GPvD00
63448          C2015 01 13.69904 03 29 34.68 +33 44 42.1          20.6 Vq~1GTCD00
a3507          C2015 01 13.69904 03 26 52.83 +32 31 47.4          19.6 Vq~1GfOD00
f6600          C2015 01 13.69904 03 24 24.97 +32 46 07.0          20.4 Vq~1GgvD00
23863          C2015 01 13.70037 03 26 03.24 +31 29 58.5          18.6 Vq~1GQbD00
30733          C2015 01 13.70037 03 31 22.50 +31 42 04.3          18.5 Vq~1GR4D00
53304          C2015 01 13.70037 03 31 36.33 +31 39 53.9          19.4 Vq~1GScD00
73995          C2015 01 13.70037 03 24 50.92 +31 34 19.0          19.2 Vq~1GTsD00
86063          C2015 01 13.70037 03 25 53.21 +30 21 11.2          20.1 Vq~1GUfD00
98028          C2015 01 13.70037 03 26 10.43 +30 41 35.6          19.8 Vq~1GVID00
E6140          C2015 01 13.70037 03 25 01.79 +31 41 10.2          20.6 Vq~1GXtD00
10580          C2015 01 13.70170 03 24 59.38 +28 41 01.8          19.4 Vq~1GPZD00
11489          C2015 01 13.70170 03 29 41.74 +29 09 01.2          18.0 Vq~1GPeD00
11641          C2015 01 13.70170 03 30 46.45 +28 46 47.2          19.6 Vq~1GPeD00
45906          C2015 01 13.70170 03 29 39.48 +30 04 57.2          19.0 Vq~1GS6D00
48525          C2015 01 13.70170 03 27 36.98 +29 24 15.4          18.1 Vq~1GSHD00
52399          C2015 01 13.70170 03 26 21.44 +30 04 59.9          18.9 Vq~1GSZD00
A1920          C2015 01 13.70170 03 30 02.28 +30 00 28.7          19.4 Vq~1GVWD00
E3303          C2015 01 13.70170 03 26 19.91 +28 58 06.7          18.5 Vq~1GX1D00
G0510          C2015 01 13.70170 03 27 57.59 +30 13 26.5          18.8 Vq~1GYbD00
J7068          C2015 01 13.70170 03 28 13.17 +28 36 47.7          20.0 Vq~1GaBD00
V0905          C2015 01 13.70170 03 31 29.06 +29 53 56.0          20.3 Vq~1Ge8D00
B0582          C2015 01 13.70306 03 24 18.96 +27 19 55.7          19.7 Vq~1GW2D00
G5183          C2015 01 13.70306 03 27 02.88 +28 05 46.8          20.4 Vq~1GYmD00
64085          C2015 01 13.70439 03 23 28.83 +33 34 01.9          18.0 Vq~1GTED00
B5535          C2015 01 13.70439 03 21 27.30 +33 35 32.6          19.7 Vq~1GWND00
E9563          C2015 01 13.70439 03 21 20.25 +33 45 16.7          20.0 Vq~1GY3D00
04453          C2015 01 13.70574 03 21 51.13 +31 12 19.3          17.6 Vq~1GP2D00
48830          C2015 01 13.70574 03 19 51.41 +31 43 08.7          18.6 Vq~1GSJD00
52207          C2015 01 13.70574 03 19 08.37 +30 33 10.4          19.7 Vq~1GSYD00
53433          C2015 01 13.70574 03 19 46.50 +31 35 15.6          18.7 Vq~1GScD00
76050          C2015 01 13.70574 03 22 39.86 +30 34 59.4          20.3 Vq~1GU3D00
77754          C2015 01 13.70574 03 21 47.80 +32 01 13.6          20.7 Vq~1GUCD00
08485          C2015 01 13.70708 03 16 25.10 +29 48 46.9          19.4 Vq~1GPPD00
17688          C2015 01 13.70708 03 23 14.46 +29 10 14.6          18.3 Vq~1GQ8D00
30797          C2015 01 13.70708 03 16 46.45 +29 18 00.5          19.2 Vq~1GR4D00
47943          C2015 01 13.70708 03 23 56.98 +29 17 45.4          19.6 Vq~1GSFD00
70581          C2015 01 13.70708 03 20 39.94 +29 55 05.8          20.2 Vq~1GTeD00
93444          C2015 01 13.70708 03 19 45.09 +29 14 26.6          19.1 Vq~1GV2D00
97462          C2015 01 13.70708 03 23 38.15 +28 44 26.8          19.8 Vq~1GVED00
99868          C2015 01 13.70708 03 17 57.77 +30 07 34.8          20.3 Vq~1GVOD00
D2770          C2015 01 13.70708 03 17 32.49 +30 08 54.8          20.1 Vq~1GXED00
L9420          C2015 01 13.70708 03 22 07.99 +29 45 52.7          19.6 Vq~1GauD00
     K09VA3L   C2015 01 13.70843 03 21 31.53 +26 53 18.2          21.1 Vq~1GM4D00
04125          C2015 01 13.70843 03 19 07.14 +28 05 59.2          17.3 Vq~1GP1D00
10499          C2015 01 13.70843 03 17 01.09 +27 37 31.0          18.9 Vq~1GPYD00
37760          C2015 01 13.70843 03 18 29.39 +27 55 25.0          18.2 Vq~1GRXD00
54934          C2015 01 13.70843 03 19 59.59 +27 08 32.5          18.0 Vq~1GSiD00
64147          C2015 01 13.70843 03 23 05.36 +28 09 25.4          19.2 Vq~1GTED00
B1708          C2015 01 13.70843 03 17 15.74 +28 26 39.6          19.4 Vq~1GW7D00
14936          C2015 01 13.70977 03 27 16.92 +32 23 28.5          18.0 Vq~1GPvD00
63448          C2015 01 13.70977 03 29 34.89 +33 44 37.0          19.9 Vq~1GTCD00
a3507          C2015 01 13.70977 03 26 52.86 +32 31 54.9          19.8 Vq~1GfOD00
f6600          C2015 01 13.70977 03 24 25.62 +32 46 01.6          20.7 Vq~1GgvD00
23863          C2015 01 13.71112 03 26 03.30 +31 29 56.1          19.1 Vq~1GQbD00
30733          C2015 01 13.71112 03 31 22.77 +31 41 59.5          18.6 Vq~1GR4D00
53304          C2015 01 13.71112 03 31 36.21 +31 39 51.4          19.4 Vq~1GScD00
73995          C2015 01 13.71112 03 24 51.07 +31 34 16.3          19.8 Vq~1GTsD00
86063          C2015 01 13.71112 03 25 53.50 +30 21 08.4          21.0 Vq~1GUfD00
98028          C2015 01 13.71112 03 26 10.61 +30 41 32.7          20.5 Vq~1GVID00
E6140          C2015 01 13.71112 03 25 01.90 +31 41 05.5          20.3 Vq~1GXtD00
10580          C2015 01 13.71245 03 24 59.30 +28 41 00.0          19.9 Vq~1GPZD00
11489          C2015 01 13.71245 03 29 41.94 +29 08 59.6          17.8 Vq~1GPeD00
11641          C2015 01 13.71245 03 30 46.35 +28 46 43.4          18.8 Vq~1GPeD00
45906          C2015 01 13.71245 03 29 39.34 +30 04 55.5          19.1 Vq~1GS6D00
48525          C2015 01 13.71245 03 27 36.90 +29 24 14.1          18.3 Vq~1GSHD00
52399          C2015 01 13.71245 03 26 21.66 +30 04 58.3          18.8 Vq~1GSZD00
A1920          C2015 01 13.71245 03 30 02.38 +30 00 25.7          19.4 Vq~1GVWD00
E3303          C2015 01 13.71245 03 26 20.46 +28 58 01.1          18.7 Vq~1GX1D00
G0510          C2015 01 13.71245 03 27 58.16 +30 13 24.7          18.9 Vq~1GYbD00
J7068          C2015 01 13.71245 03 28 13.15 +28 36 49.1          20.3 Vq~1GaBD00
V0905          C2015 01 13.71245 03 31 29.31 +29 53 48.8          20.3 Vq~1Ge8D00
B0582          C2015 01 13.71381 03 24 19.11 +27 19 52.6          20.3 Vq~1GW2D00
G5183          C2015 01 13.71381 03 27 03.39 +28 05 47.1          20.1 Vq~1GYmD00
64085          C2015 01 13.71516 03 23 28.98 +33 34 01.2          18.0 Vq~1GTED00
B5535          C2015 01 13.71516 03 21 27.51 +33 35 29.7          19.9 Vq~1GWND00
E9563          C2015 01 13.71516 03 21 20.18 +33 45 22.0          19.3 Vq~1GY3D00
04453          C2015 01 13.71649 03 21 51.24 +31 12 16.7          17.7 Vq~1GP2D00
48830          C2015 01 13.71649 03 19 51.59 +31 43 04.3          18.3 Vq~1GSJD00
52207          C2015 01 13.71649 03 19 08.49 +30 33 09.3          19.3 Vq~1GSYD00
53433          C2015 01 13.71649 03 19 46.55 +31 35 22.1          18.4 Vq~1GScD00
76050          C2015 01 13.71649 03 22 39.93 +30 34 56.9          19.5 Vq~1GU3D00
77754          C2015 01 13.71649 03 21 47.77 +32 01 11.9          20.6 Vq~1GUCD00
08485          C2015 01 13.71785 03 16 25.10 +29 48 44.3          19.5 Vq~1GPPD00
17688          C2015 01 13.71785 03 23 14.69 +29 10 12.8          18.4 Vq~1GQ8D00
30797          C2015 01 13.71785 03 16 46.65 +29 17 56.3          19.2 Vq~1GR4D00
47943          C2015 01 13.71785 03 23 56.98 +29 17 43.5          19.4 Vq~1GSFD00
70581          C2015 01 13.71785 03 20 40.13 +29 55 02.9          19.8 Vq~1GTeD00
93444          C2015 01 13.71785 03 19 45.27 +29 14 24.9          19.1 Vq~1GV2D00
97462          C2015 01 13.71785 03 23 38.28 +28 44 23.7          19.4 Vq~1GVED00
99868          C2015 01 13.71785 03 17 57.82 +30 07 31.7          20.5 Vq~1GVOD00
D2770          C2015 01 13.71785 03 17 32.61 +30 08 51.1          20.1 Vq~1GXED00
L9420          C2015 01 13.71785 03 22 08.28 +29 45 48.1          19.9 Vq~1GauD00
     K09VA3L   C2015 01 13.71919 03 21 31.65 +26 53 13.7          19.9 Vq~1GM4D00
04125          C2015 01 13.71919 03 19 07.45 +28 05 51.0          17.3 Vq~1GP1D00
10499          C2015 01 13.71919 03 17 01.40 +27 37 30.0          19.0 Vq~1GPYD00
37760          C2015 01 13.71919 03 18 29.64 +27 55 22.6          18.4 Vq~1GRXD00
54934          C2015 01 13.71919 03 19 59.75 +27 08 29.2          17.8 Vq~1GSiD00
64147          C2015 01 13.71919 03 23 05.44 +28 09 26.9          18.9 Vq~1GTED00
B1708          C2015 01 13.71919 03 17 16.01 +28 26 35.4          19.5 Vq~1GW7D00
14936          C2015 01 13.72054 03 27 16.92 +32 23 24.1          17.8 Vq~1GPvD00
63448          C2015 01 13.72054 03 29 35.27 +33 44 32.5          19.8 Vq~1GTCD00
a3507          C2015 01 13.72054 03 26 52.89 +32 32 05.1          21.3 Vq~1GfOD00
f6600          C2015 01 13.72054 03 24 26.01 +32 45 54.0          19.7 Vq~1GgvD00
23863          C2015 01 13.72188 03 26 03.34 +31 29 54.1          18.9 Vq~1GQbD00
30733          C2015 01 13.72188 03 31 23.01 +31 41 55.0          18.6 Vq~1GR4D00
53304          C2015 01 13.72188 03 31 36.09 +31 39 49.5          19.9 Vq~1GScD00
73995          C2015 01 13.72188 03 24 51.08 +31 34 14.3          19.8 Vq~1GTsD00
86063          C2015 01 13.72188 03 25 53.79 +30 21 05.2          19.8 Vq~1GUfD00
98028          C2015 01 13.72188 03 26 10.69 +30 41 31.3          19.4 Vq~1GVID00
B2708          C2015 01 13.72188 03 28 24.60 +31 43 18.5          20.5 Vq~1GWCD00
E6140          C2015 01 13.72188 03 25 02.09 +31 41 01.5          20.4 Vq~1GXtD00
10580          C2015 01 13.72323 03 24 59.28 +28 40 58.0          19.4 Vq~1GPZD00
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V3304          C2015 01 13.74021 03 34 29.93 +28 58 06.8          18.8 Vq~1GeAD00
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61988          C2015 01 13.74292 03 44 49.08 +33 33 26.9          19.6 Vq~1GT7D00
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57832          C2015 01 13.74559 03 42 30.06 +28 48 18.1          19.6 Vq~1GSsD00
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87993          C2015 01 13.74559 03 41 17.32 +29 45 50.3          18.3 Vq~1GUmD00
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96186          C2015 01 13.74694 03 44 06.68 +27 01 44.7          18.9 Vq~1GVAD00
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W3835          C2015 01 13.74830 03 35 59.54 +33 31 44.2          20.4 Vq~1GeXD00
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12167          C2015 01 13.74965 03 33 37.49 +30 45 34.7          18.9 Vq~1GPhD00
36482          C2015 01 13.74965 03 38 39.23 +30 41 35.0          18.8 Vq~1GRRD00
37621          C2015 01 13.74965 03 33 58.06 +31 05 47.5          19.5 Vq~1GRWD00
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77497          C2015 01 13.74965 03 37 28.81 +30 47 22.4          20.0 Vq~1GUBD00
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24294          C2015 01 13.75101 03 34 06.71 +28 48 48.6          18.8 Vq~1GQdD00
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L8668          C2015 01 13.76178 03 39 06.12 +30 20 05.0          19.9 Vq~1GasD00
R5363          C2015 01 13.76178 03 34 50.43 +29 07 27.6          19.3 Vq~1GdMD00
U8108          C2015 01 13.76178 03 34 15.32 +29 00 57.3          20.4 Vq~1Ge5D00
V3304          C2015 01 13.76178 03 34 30.59 +28 58 02.4          20.0 Vq~1GeAD00
01543          C2015 01 13.76313 03 36 04.34 +27 37 04.0          17.0 Vq~1GO1D00
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65942          C2015 01 13.76448 03 44 19.24 +33 01 17.8          18.6 Vq~1GTKD00
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H2495          C2015 01 13.76583 03 47 57.09 +31 26 48.6          20.9 Vq~1GZ6D00
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46475          C2015 01 13.76716 03 46 50.43 +29 08 19.5          18.6 Vq~1GS8D00
57832          C2015 01 13.76716 03 42 29.85 +28 48 14.6          19.3 Vq~1GSsD00
74119          C2015 01 13.76716 03 41 50.11 +29 14 18.4          18.1 Vq~1GTtD00
87993          C2015 01 13.76716 03 41 17.77 +29 45 54.1          18.5 Vq~1GUmD00
B8802          C2015 01 13.76716 03 46 34.80 +28 45 55.8          19.1 Vq~1GWZD00
07922          C2015 01 13.76852 03 46 14.35 +28 32 35.3          18.0 Vq~1GPLD00
96186          C2015 01 13.76852 03 44 07.26 +27 01 46.3          18.8 Vq~1GVAD00
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71341     C2015 01 14.72398 03 40 57.61 +12 25 35.0          18.7  q~1GTfD00
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B7411     C2015 01 14.72398 03 42 53.06 +12 24 48.4          21.0  q~1GWVD00
D1847     C2015 01 14.72398 03 46 44.80 +12 39 43.4          19.8  q~1GXCD00
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36952     C2015 01 14.72933 03 37 25.73 +11 51 43.1          19.6  q~1GRUD00
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53056     C2015 01 14.73737 03 35 52.88 +15 26 36.2          19.8  q~1GSaD00
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P2658     C2015 01 14.74679 03 47 00.86 +09 47 57.0          20.4 Vq~1GcBD00
12155     C2015 01 14.74813 03 34 00.78 +16 20 55.0          18.7  q~1GPhD00
53056     C2015 01 14.74813 03 35 52.81 +15 26 39.8          19.5  q~1GSaD00
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18655     C2015 01 14.85106 05 13 59.95 +05 07 39.4          18.7 Vq~1GQCD00
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28406     C2015 01 14.88740 05 18 02.34 +00 06 24.3          18.7 Vq~1GQvD00
G4189     C2015 01 14.88740 05 16 21.84 +00 30 12.5          19.0 Vq~1GYkD00
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58289     C2015 01 14.88950 09 02 30.18 +19 11 31.1          18.9 Vq~1GSuD00
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C6290     C2015 01 14.88950 09 00 04.95 +18 41 34.3          19.4 Vq~1GWvD00
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41490	C2015 01 14.89216 08 59 44.30 +16 07 58.3	19.8	Vq~lGRmD00	M3252	C2015 01 14.89618 09 05 04.15 +17 34 40.8	20.4	Vq~lGb7D00
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65736	C2015 01 14.89216 08 58 17.30 +15 41 17.9	20.0	Vq~lGTKD00	01764	C2015 01 14.89751 09 08 29.03 +15 06 10.6	16.1	Vq~lGOnD00
78136	C2015 01 14.89216 08 57 49.79 +16 05 52.5	20.3	Vq~lGUED00	07689	C2015 01 14.89751 09 06 34.13 +14 51 54.0	18.9	Vq~lGPKD00
79406	C2015 01 14.89216 09 02 13.41 +15 10 33.9	19.9	Vq~lGUKD00	08362	C2015 01 14.89751 09 06 06.16 +15 22 17.7	18.0	Vq~lGPND00
80978	C2015 01 14.89216 09 01 20.50 +15 20 20.7	20.5	Vq~lGUPD00	10228	C2015 01 14.89751 09 09 30.58 +15 22 45.4	17.9	Vq~lGPXD00
85651	C2015 01 14.89216 08 59 56.17 +15 27 52.1	19.4	Vq~lGUeD00	12429	C2015 01 14.89751 09 02 44.52 +15 17 54.7	17.2	Vq~lGPiD00
A6964	C2015 01 14.89216 09 01 10.77 +14 49 16.1	19.2	Vq~lGVmD00	13147	C2015 01 14.89751 09 07 28.93 +15 30 45.3	17.5	Vq~lGP1D00
B5972	C2015 01 14.89216 09 01 44.78 +16 18 12.6	20.0	Vq~lGWPD00	15772	C2015 01 14.89751 09 07 18.59 +16 04 42.6	20.0	Vq~lGPzD00
B6502	C2015 01 14.89216 08 55 41.63 +15 22 12.3	19.0	Vq~lGWSD00	20885	C2015 01 14.89751 09 05 11.19 +15 34 53.1	18.2	Vq~lGQND00
F6403	C2015 01 14.89216 09 00 47.45 +16 00 20.8	19.2	Vq~lGYPD00	34343	C2015 01 14.89751 09 05 59.53 +15 03 07.3	19.0	Vq~lGRJD00
G0966	C2015 01 14.89216 08 59 31.47 +15 41 05.4	19.9	Vq~lGYcD00	40552	C2015 01 14.89751 09 08 53.81 +15 31 33.4	18.4	Vq~lGRjD00
G1115	C2015 01 14.89216 09 01 22.11 +15 18 20.3	19.7	Vq~lGYcD00	45128	C2015 01 14.89751 09 06 10.14 +15 46 04.0	18.8	Vq~lGS1D00
I3830	C2015 01 14.89216 08 56 52.42 +15 55 02.6	19.6	Vq~lGZbD00	47471	C2015 01 14.89751 09 06 14.89 +14 56 09.1	18.1	Vq~lGSCD00
K3722	C2015 01 14.89216 08 59 11.76 +15 48 06.8	19.4	Vq~lGaQD00	57792	C2015 01 14.89751 09 07 06.84 +15 44 23.5	19.7	Vq~lGSsD00
P0575	C2015 01 14.89216 09 01 20.67 +15 54 56.6	19.8	Vq~lGc7D00	69099	C2015 01 14.89751 09 03 55.71 +15 04 43.1	18.8	Vq~lGTYD00
X1741	C2015 01 14.89216 08 58 54.47 +15 47 15.4	20.7	Vq~lGf4D00	69335	C2015 01 14.89751 09 09 35.59 +14 54 56.2	19.9	Vq~lGTYD00
10212	C2015 01 14.89350 09 00 25.78 +13 14 39.2	17.7	Vq~lGPWD00	69441	C2015 01 14.89751 09 03 55.51 +16 06 49.5	19.6	Vq~lGTZD00
16533	C2015 01 14.89350 08 57 22.30 +14 17 30.0	18.2	Vq~lGQ3D00	72113	C2015 01 14.89751 09 04 37.22 +15 21 17.9	18.7	Vq~lGTkD00
22792	C2015 01 14.89350 08 55 40.69 +13 07 01.6	19.5	Vq~lGQWD00	77266	C2015 01 14.89751 09 06 18.13 +15 40 36.7	18.2	Vq~lGU9D00
26895	C2015 01 14.89350 08 56 33.34 +14 42 36.9	19.1	Vq~lGQpD00	78468	C2015 01 14.89751 09 02 47.21 +15 23 36.1	20.3	Vq~lGUGD00
39546	C2015 01 14.89350 09 00 48.24 +13 35 38.5	19.0	Vq~lGReD00	A6878	C2015 01 14.89751 09 08 19.23 +16 26 19.9	18.9	Vq~lGV1D00
40501	C2015 01 14.89350 09 01 44.49 +13 50 21.1	19.5	Vq~lGRjD00	B0195	C2015 01 14.89751 09 07 31.02 +15 31 34.0	20.5	Vq~lGW0D00
41931	C2015 01 14.89350 09 02 17.85 +14 27 04.4	19.6	Vq~lGRoD00	B0527	C2015 01 14.89751 09 06 27.64 +15 15 41.8	20.4	Vq~lGW2D00
42329	C2015 01 14.89350 08 56 14.15 +14 26 42.0	19.2	Vq~lGRpD00	B6214	C2015 01 14.89751 09 08 47.42 +14 47 05.0	20.5	Vq~lGWQD00
44647	C2015 01 14.89350 08 58 23.20 +13 47 32.2	19.7	Vq~lGRzD00	D3647	C2015 01 14.89751 09 04 09.85 +15 06 18.6	20.6	Vq~lGXID00
49120	C2015 01 14.89350 09 00 11.96 +14 33 41.3	19.6	Vq~lGSKD00	D7045	C2015 01 14.89751 09 05 07.02 +15 36 05.2	19.6	Vq~lGXTD00
53256	C2015 01 14.89350 09 01 14.25 +13 20 25.6	18.8	Vq~lGSbD00	D7866	C2015 01 14.89751 09 03 12.36 +16 12 00.5	19.3	Vq~lGXXD00
75337	C2015 01 14.89350 08 57 25.77 +14 07 55.1	20.3	Vq~lGU0D00	F3894	C2015 01 14.89751 09 05 53.04 +15 58 02.2	19.0	Vq~lGYID00
75404	C2015 01 14.89350 09 01 41.50 +13 02 31.3	19.6	Vq~lGU0D00	G4205	C2015 01 14.89751 09 03 59.14 +16 11 59.2	20.3	Vq~lGYkD00
76697	C2015 01 14.89350 09 02 17.28 +14 08 59.1	19.6	Vq~lGU6D00	I4394	C2015 01 14.89751 09 03 18.06 +15 27 10.3	20.4	Vq~lGZeD00
A5169	C2015 01 14.89350 08 57 33.55 +13 51 33.9	19.8	Vq~lGVhD00	g0718	C2015 01 14.89751 09 03 44.10 +16 13 42.7	21.3	Vq~lGhID00
B2921	C2015 01 14.89350 08 56 49.08 +13 28 17.0	20.6	Vq~lGWDD00	05015	C2015 01 14.89884 09 04 50.25 +14 28 43.9	16.8	Vq~lGP6D00
C2615	C2015 01 14.89350 09 01 16.17 +14 03 34.0	20.1	Vq~lGWkD00	06011	C2015 01 14.89884 09 08 18.87 +13 01 52.9	18.1	Vq~lGPBD00
C5389	C2015 01 14.89350 09 02 41.06 +13 17 40.7	19.3	Vq~lGWrD00	07598	C2015 01 14.89884 09 03 24.16 +13 02 22.3	17.3	Vq~lGPJD00
D7969	C2015 01 14.89350 08 57 55.93 +13 00 11.8	20.8	Vq~lGXXD00	13840	C2015 01 14.89884 09 05 32.74 +13 24 56.3	17.5	Vq~lGPpD00
H8819	C2015 01 14.89350 08 58 52.67 +14 18 33.5	20.3	Vq~lGZOD00	15167	C2015 01 14.89884 09 02 50.09 +13 01 33.2	17.9	Vq~lGPwD00
g5709K11B19R	C2015 01 14.89485 09 06 29.37 +18 42 58.4	19.8	Vq~lGMHD00	18307	C2015 01 14.89884 09 06 56.20 +13 36 39.1	18.2	Vq~lGQBD00
00623	C2015 01 14.89485 09 03 34.95 +18 19 24.2	13.9	Vq~lGOeD00	27292	C2015 01 14.89884 09 09 23.80 +13 31 29.7	18.9	Vq~lGQrD00
02320	C2015 01 14.89485 09 03 48.48 +19 26 01.3	15.9	Vq~lGOqD00	40597	C2015 01 14.89884 09 08 52.17 +14 13 19.8	19.1	Vq~lGRjD00
02431	C2015 01 14.89485 09 04 59.01 +18 13 45.6	18.4	Vq~lGOrD00	45043	C2015 01 14.89884 09 05 37.90 +14 01 28.6	19.3	Vq~lGS1D00
02744	C2015 01 14.89485 09 03 28.14 +18 44 09.7	19.2	Vq~lGOuD00	45114	C2015 01 14.89884 09 06 15.30 +14 37 37.2	19.7	Vq~lGS1D00
11204	C2015 01 14.89485 09 03 19.28 +19 27 26.5	17.6	Vq~lGPcD00	45958	C2015 01 14.89884 09 04 52.82 +14 26 44.9	19.4	Vq~lGS6D00
13024	C2015 01 14.89485 09 09 45.54 +18 16 01.2	18.8	Vq~lGPkD00	46648	C2015 01 14.89884 09 05 55.16 +14 29 00.3	20.5	Vq~lGS9D00
15085	C2015 01 14.89485 09 05 56.57 +18 18 24.3	18.4	Vq~lGPwD00	67390	C2015 01 14.89884 09 02 56.54 +13 57 50.7	19.1	Vq~lGTQD00
19500	C2015 01 14.89485 09 06 00.30 +18 37 32.7	18.6	Vq~lGQGD00	67487	C2015 01 14.89884 09 04 54.80 +13 39 13.2	20.0	Vq~lGTQD00
20663	C2015 01 14.89485 09 04 51.78 +18 11 39.4	18.8	Vq~lGQLD00	73848	C2015 01 14.89884 09 07 52.98 +13 42 26.9	20.0	Vq~lGTrD00
22050	C2015 01 14.89485 09 09 20.02 +18 12 41.1	18.0	Vq~lGQSD00	74688	C2015 01 14.89884 09 05 01.62 +13 36 54.6	20.0	Vq~lGTwD00
23022	C2015 01 14.89485 09 02 30.28 +18 43 14.8	18.7	Vq~lGQXD00	78496	C2015 01 14.89884 09 03 16.19 +13 19 30.2	19.7	Vq~lGUGD00
23861	C2015 01 14.89485 09 06 18.28 +18 20 48.1	19.4	Vq~lGQbD00	90900	C2015 01 14.89884 09 07 36.48 +13 18 03.0	19.5	Vq~lGUvD00
23873	C2015 01 14.89485 09 03 33.79 +19 24 13.8	18.8	Vq~lGQbD00	A3939	C2015 01 14.89884 09 06 27.91 +13 50 52.8	20.2	Vq~lGVcD00
25782	C2015 01 14.89485 09 02 41.33 +18 54 09.4	19.4	Vq~lGQjD00	A8893	C2015 01 14.89884 09 05 42.54 +14 03 31.0	19.2	Vq~lGVtD00
27471	C2015 01 14.89485 09 06 39.52 +18 15 19.9	19.2	Vq~lGQrD00	C2658	C2015 01 14.89884 09 05 47.80 +13 35 49.2	19.7	Vq~lGWkD00
29881	C2015 01 14.89485 09 07 32.48 +19 17 56.0	21.0	Vq~lGR1D00	C5389	C2015 01 14.89884 09 02 40.79 +13 17 42.0	19.7	Vq~lGWrD00
32433	C2015 01 14.89485 09 02 42.87 +18 16 51.8	18.4	Vq~lGRBD00	E2233	C2015 01 14.89884 09 03 02.04 +14 38 39.0	21.4	Vq~lGXiD00
32497	C2015 01 14.89485 09 04 14.66 +19 24 24.2	18.0	Vq~lGRBD00	E2340	C2015 01 14.89884 09 03 44.03 +14 03 27.9	19.2	Vq~lGXjD00
53790	C2015 01 14.89485 09 07 01.21 +18 45 25.1	19.0	Vq~lGSdD00	E4269	C2015 01 14.89884 09 03 08.93 +13 11 25.7	20.1	Vq~lGXoD00
56292	C2015 01 14.89485 09 05 44.77 +18 38 34.2	18.7	Vq~lGSnD00	E5854	C2015 01 14.89884 09 09 17.27 +14 09 50.9	18.9	Vq~lGXsD00
58289	C2015 01 14.89485 09 02 29.96 +19 11 32.9	18.8	Vq~lGSuD00	E7195	C2015 01 14.89884 09 07 51.73 +14 20 25.2	20.0	Vq~lGXvD00
60570	C2015 01 14.89485 09 07 24.53 +19 41 19.9	20.4	Vq~lGT2D00	G0929	C2015 01 14.89884 09 06 00.04 +13 28 16.1	19.2	Vq~lGYbD00
68008	C2015 01 14.89485 09 04 08.52 +19 08 29.4	19.5	Vq~lGTTD00	H5209	C2015 01 14.89884 09 04 48.81 +13 25 39.8	19.8	Vq~lGZED00
72352	C2015 01 14.89485 09 09 04.53 +19 03 54.7	19.1	Vq~lGT1D00	H7175	C2015 01 14.89884 09 08 18.86 +13 33 16.2	18.5	Vq~lGZJD00
75223	C2015 01 14.89485 09 09 26.19 +19 11 27.2	18.2	Vq~lGTzD00	I3950	C2015 01 14.89884 09 07 28.36 +13 46 25.2	19.5	Vq~lGZcD00
75431	C2015 01 14.89485 09 07 43.93 +19 50 55.8	19.9	Vq~lGU0D00	L2682	C2015 01 14.89884 09 07 50.24 +14 02 39.3	20.7	Vq~lGacD00
84668	C2015 01 14.89485 09 08 00.17 +19 33 28.6	19.4	Vq~lGUbD00	L7219	C2015 01 14.89884 09 09 32.86 +13 36 57.4	19.5	Vq~lGamD00
A1699	C2015 01 14.89485 09 02 37.87 +18 34 50.6	19.9	Vq~lGVUD00	P5883	C2015 01 14.89884 09 03 23.75 +13 32 22.1	20.7	Vq~lGcLD00
A9669	C2015 01 14.89485 09 04 53.34 +18 58 21.6	21.0	Vq~lGVxD00	S7721	C2015 01 14.89884 09 06 15.67 +13 35 43.4	19.9	Vq~lGdlD00
C6707	C2015 01 14.89485 09 09 31.45 +18 44 05.6	20.0	Vq~lGWwD00	04009	C2015 01 14.90021 08 58 12.08 +19 51 55.8	18.0	Vq~lGP0D00
C8307	C2015 01 14.89485 09 03 48.35 +18 39 47.4	19.8	Vq~lGX2D00	04979	C2015 01 14.90021 08 58 55.94 +18 23 59.9	18.2	Vq~lGP6D00
E7480	C2015 01 14.89485 09 07 53.66 +19 53 32.8	20.5	Vq~lGXxD00	05730	C2015 01 14.90021 08 57 37.39 +18 51 03.1	17.1	Vq~lGP9D00
E8211	C2015 01 14.89485 09 07 38.93 +18 25 24.7	19.0	Vq~lGXyD00	08432	C2015 01 14.90021 08 57 57.82 +19 32 52.5	18.1	Vq~lGPOD00
F8444	C2015 01 14.89485 09 02 50.97 +19 18 21.5	20.2	Vq~lGYVD00	08998	C2015 01 14.90021 09 00 30.49 +18 15 18.8	17.6	Vq~lGPQD00
I0491	C2015 01 14.89485 09 06 04.23 +19 43 29.6	19.8	Vq~lGZTD00	13806	C2015 01 14.90021 08 56 54.28 +18 14 25.5	19.4	Vq~lGPoD00
I3932	C2015 01 14.89485 09 03 19.50 +19 22 04.7	20.1	Vq~lGZcD00	15968	C2015 01 14.90021 08 58 46.44 +18 35 17.2	18.6	Vq~lGQ0D00
K9579	C2015 01 14.89485 09 04 17.25 +19 16 01.8	20.9	Vq~lGaYD00	17249	C2015 01 14.90021 08 55 59.41 +18 53 12.5	19.3	Vq~lGQ7D00
L9075	C2015 01 14.89485 09 09 23.17 +19 12 10.3	19.9	Vq~lGatD00	22444	C2015 01 14.90021 08 59 08.04 +19 36 24.2	19.1	Vq~lGQUD00
O4988	C2015 01 14.89485 09 09 01.23 +19 25 05.1	20.5	Vq~lGbxD00	23022	C2015 01 14.90021 09 02 30.01 +18 43 15.7	18.5	Vq~lGQXD00

25006	C2015 01 14.90021 09 00 51.61 +19 01 31.9	19.2 Vq~1GQgD00	02744	C2015 01 14.90556 09 03 27.29 +18 44 11.2	18.8 Vq~1GOuD00
25782	C2015 01 14.90021 09 02 40.88 +18 54 11.1	19.6 Vq~1GQjD00	11204	C2015 01 14.90556 09 03 18.92 +19 27 28.8	17.5 Vq~1GPcD00
58289	C2015 01 14.90021 09 02 29.69 +19 11 34.9	18.9 Vq~1GSuD00	13024	C2015 01 14.90556 09 09 44.88 +18 16 02.4	18.4 Vq~1GPkD00
58662	C2015 01 14.90021 08 57 09.99 +18 44 40.8	18.6 Vq~1GSvD00	15085	C2015 01 14.90556 09 05 56.05 +18 18 26.7	18.4 Vq~1GPwD00
68039	C2015 01 14.90021 08 57 05.35 +19 43 00.0	19.4 Vq~1GTUD00	19500	C2015 01 14.90556 09 05 59.76 +18 37 36.7	18.7 Vq~1GQGD00
74509	C2015 01 14.90021 09 00 58.78 +18 18 06.4	18.9 Vq~1GTuD00	20663	C2015 01 14.90556 09 04 51.09 +18 11 40.8	18.6 Vq~1GQLD00
75506	C2015 01 14.90021 09 00 16.80 +18 24 53.7	19.1 Vq~1GU1D00	22050	C2015 01 14.90556 09 09 19.53 +18 12 45.4	18.2 Vq~1GQSD00
77839	C2015 01 14.90021 08 59 53.24 +18 53 24.9	20.0 Vq~1GUDD00	23022	C2015 01 14.90556 09 02 29.70 +18 43 16.6	18.6 Vq~1GQXD00
78646	C2015 01 14.90021 09 01 31.29 +18 27 20.0	18.9 Vq~1GUHD00	23861	C2015 01 14.90556 09 06 17.70 +18 20 49.8	19.0 Vq~1GQbD00
83246	C2015 01 14.90021 08 57 22.65 +18 39 14.5	18.8 Vq~1GUXD00	23873	C2015 01 14.90556 09 03 33.23 +19 24 16.6	19.2 Vq~1GQbD00
85147	C2015 01 14.90021 09 01 06.28 +18 28 42.6	20.4 Vq~1GUdD00	25782	C2015 01 14.90556 09 02 40.70 +18 54 12.3	18.8 Vq~1GQjD00
A1699	C2015 01 14.90021 09 02 37.52 +18 34 53.0	19.2 Vq~1GVUD00	27471	C2015 01 14.90556 09 06 38.98 +18 15 21.9	19.0 Vq~1GQrD00
B1494	C2015 01 14.90021 08 56 37.69 +19 52 26.6	19.6 Vq~1GW6D00	29881	C2015 01 14.90556 09 07 31.97 +19 17 58.1	20.3 Vq~1GR1D00
B4248	C2015 01 14.90021 09 02 23.74 +19 25 42.8	19.6 Vq~1GWID00	32433	C2015 01 14.90556 09 02 42.36 +18 16 54.0	18.7 Vq~1GRBD00
B5400	C2015 01 14.90021 08 57 28.68 +19 35 11.8	19.7 Vq~1GWMD00	32497	C2015 01 14.90556 09 04 14.06 +19 24 24.9	18.0 Vq~1GRBD00
C0681	C2015 01 14.90021 09 01 37.02 +18 40 19.7	21.0 Vq~1GWfD00	53790	C2015 01 14.90556 09 07 00.77 +18 45 29.0	19.0 Vq~1GSdD00
C0723	C2015 01 14.90021 08 56 18.85 +18 14 31.2	19.5 Vq~1GWfD00	56292	C2015 01 14.90556 09 05 44.16 +18 38 38.3	18.7 Vq~1GSnD00
C3784	C2015 01 14.90021 08 57 17.82 +19 50 27.3	19.2 Vq~1GWpD00	58289	C2015 01 14.90556 09 02 29.38 +19 11 36.7	18.6 Vq~1GSuD00
C6290	C2015 01 14.90021 09 00 04.34 +18 41 36.0	19.4 Vq~1GWvD00	60570	C2015 01 14.90556 09 07 23.95 +19 41 22.2	20.7 Vq~1GT2D00
C6804	C2015 01 14.90021 09 01 33.95 +19 27 12.4	20.5 Vq~1GWwD00	68008	C2015 01 14.90556 09 04 07.71 +19 08 33.9	19.5 Vq~1GTTD00
F1246	C2015 01 14.90021 08 59 42.25 +18 56 22.5	19.1 Vq~1GYADD0	72352	C2015 01 14.90556 09 09 04.18 +19 03 59.6	19.2 Vq~1GT1D00
G9423	C2015 01 14.90021 08 59 47.33 +18 51 19.3	19.5 Vq~1GYyD00	75223	C2015 01 14.90556 09 09 25.56 +19 11 31.0	18.0 Vq~1GTzD00
O4971	C2015 01 14.90021 08 58 56.81 +19 33 25.8	20.2 Vq~1GbwD00	75431	C2015 01 14.90556 09 07 43.28 +19 50 57.9	19.6 Vq~1GU0D00
Q6333	C2015 01 14.90021 08 56 44.32 +19 37 38.8	20.4 Vq~1GcrD00	84668	C2015 01 14.90556 09 07 59.68 +19 33 34.5	19.8 Vq~1GUbD00
f6023	C2015 01 14.90021 08 57 42.15 +18 30 38.8	19.8 Vq~1GgsD00	A1699	C2015 01 14.90556 09 02 37.42 +18 34 54.4	20.0 Vq~1GVUD00
K10X77A	C2015 01 14.90021 08 57 40.99 +19 29 02.1	21.1 Vq~1GkgD00	C6707	C2015 01 14.90556 09 09 30.79 +18 44 04.6	20.3 Vq~1GWwD00
g4037K07A13H	C2015 01 14.90154 09 01 50.75 +16 46 07.9	19.5 Vq~1GLhD00	C8307	C2015 01 14.90556 09 03 47.90 +18 39 49.4	19.6 Vq~1GX2D00
13375	C2015 01 14.90154 09 02 11.40 +17 50 30.6	18.6 Vq~1GPmD00	E7480	C2015 01 14.90556 09 07 53.09 +19 53 36.6	19.6 Vq~1GXxD00
33649	C2015 01 14.90154 08 55 32.77 +16 58 35.0	19.6 Vq~1GRGD00	E8211	C2015 01 14.90556 09 07 38.36 +18 25 30.4	18.9 Vq~1GXyD00
33657	C2015 01 14.90154 09 02 27.64 +16 59 34.7	20.0 Vq~1GRGD00	F6415	C2015 01 14.90556 09 08 45.24 +19 06 31.2	20.0 Vq~1GYPD00
39100	C2015 01 14.90154 09 00 21.00 +17 52 34.0	19.7 Vq~1GRcD00	F8444	C2015 01 14.90556 09 02 50.32 +19 18 24.9	19.9 Vq~1GYVD00
39129	C2015 01 14.90154 08 58 10.89 +16 59 22.6	19.7 Vq~1GRcD00	I0491	C2015 01 14.90556 09 06 03.62 +19 43 31.4	20.5 Vq~1GZTD00
41515	C2015 01 14.90154 09 02 27.87 +17 43 42.3	19.1 Vq~1GRmD00	I3932	C2015 01 14.90556 09 03 18.95 +19 22 06.9	19.9 Vq~1GZcD00
49100	C2015 01 14.90154 09 00 26.81 +17 34 32.6	17.9 Vq~1GSKD00	K9579	C2015 01 14.90556 09 04 16.75 +19 16 05.0	20.4 Vq~1GaYD00
49881	C2015 01 14.90154 09 00 50.20 +17 26 15.4	18.9 Vq~1GSND00	L9075	C2015 01 14.90556 09 09 22.64 +19 12 12.1	20.6 Vq~1GatD00
55545	C2015 01 14.90154 08 57 43.00 +17 29 24.5	19.4 Vq~1GSkD00	O4988	C2015 01 14.90556 09 09 00.93 +19 25 08.9	20.0 Vq~1GbxD00
64698	C2015 01 14.90154 09 01 10.48 +17 24 24.9	19.1 Vq~1GTGD00	Q2303	C2015 01 14.90556 09 06 16.90 +19 08 05.2	20.0 Vq~1GcdD00
71770	C2015 01 14.90154 09 01 53.85 +17 06 09.9	19.3 Vq~1GTiD00	W6609	C2015 01 14.90556 09 03 24.52 +18 15 46.4	20.1 Vq~1GegD00
82238	C2015 01 14.90154 08 56 05.35 +17 07 10.7	19.9 Vq~1GUUD00	02114	C2015 01 14.90689 09 05 10.51 +17 20 56.0	16.5 Vq~1GOpD00
88329	C2015 01 14.90154 09 00 08.66 +16 37 02.0	19.6 Vq~1GUoD00	06154	C2015 01 14.90689 09 04 31.11 +17 49 39.5	18.8 Vq~1GPCD00
B2302	C2015 01 14.90154 09 01 27.22 +16 30 31.2	20.9 Vq~1GWAD00	07339	C2015 01 14.90689 09 03 55.81 +17 56 26.3	17.1 Vq~1GPID00
D7876	C2015 01 14.90154 09 01 47.80 +16 36 15.4	19.1 Vq~1GXXD00	20493	C2015 01 14.90689 09 09 05.97 +16 31 52.5	19.2 Vq~1GQLD00
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F1801	C2015 01 14.90154 08 57 05.15 +18 02 35.7	20.1 Vq~1GYBD00	29634	C2015 01 14.90689 09 03 07.19 +17 24 04.5	19.9 Vq~1GR0D00
G7560	C2015 01 14.90154 08 55 52.66 +17 28 28.6	20.1 Vq~1GYsD00	38244	C2015 01 14.90689 09 03 15.81 +17 08 45.7	19.1 Vq~1GRZD00
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H7144	C2015 01 14.90154 08 56 31.90 +17 12 55.2	19.8 Vq~1GZID00	52253	C2015 01 14.90689 09 05 00.46 +17 08 03.3	20.3 Vq~1GSYD00
I1880	C2015 01 14.90154 08 57 19.51 +17 28 38.1	20.3 Vq~1GZWD00	86147	C2015 01 14.90689 09 05 22.74 +17 16 34.2	17.8 Vq~1GUgD00
M5968	C2015 01 14.90154 09 01 23.43 +17 47 23.6	19.7 Vq~1GbGD00	91655	C2015 01 14.90689 09 08 41.87 +16 49 56.7	20.0 Vq~1GUyD00
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13680	C2015 01 14.90287 08 56 08.50 +15 05 42.8	20.0 Vq~1GPoD00	M3252	C2015 01 14.90689 09 05 03.56 +17 34 44.8	20.3 Vq~1Gb7D00
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17763	C2015 01 14.90287 08 56 21.47 +14 58 30.9	19.7 Vq~1GQ9D00	01764	C2015 01 14.90822 09 08 28.59 +15 06 12.9	16.0 Vq~1GOnD00
41490	C2015 01 14.90287 08 59 43.62 +16 08 00.7	19.2 Vq~1GRmD00	07689	C2015 01 14.90822 09 06 33.63 +14 51 55.7	19.3 Vq~1GPKD00
47855	C2015 01 14.90287 08 55 47.53 +16 03 41.3	18.9 Vq~1GSED00	08362	C2015 01 14.90822 09 06 05.68 +15 22 20.1	18.0 Vq~1GPND00
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78136	C2015 01 14.90287 08 57 49.33 +16 05 55.4	20.4 Vq~1GUED00	12429	C2015 01 14.90822 09 02 43.98 +15 17 58.2	17.2 Vq~1GPiD00
79406	C2015 01 14.90287 09 02 12.76 +15 10 36.7	20.1 Vq~1GUKD00	13147	C2015 01 14.90822 09 07 28.46 +15 30 48.0	17.5 Vq~1GPlD00
80978	C2015 01 14.90287 09 01 19.94 +15 20 22.6	19.3 Vq~1GUPD00	15772	C2015 01 14.90822 09 07 18.20 +16 04 43.7	19.4 Vq~1GPzD00
85651	C2015 01 14.90287 08 59 55.45 +15 27 52.8	19.2 Vq~1GUeD00	20885	C2015 01 14.90822 09 05 10.56 +15 34 53.9	18.7 Vq~1GQND00
A6964	C2015 01 14.90287 09 01 10.14 +14 49 17.5	20.1 Vq~1GVmD00	34343	C2015 01 14.90822 09 05 58.96 +15 03 10.0	19.6 Vq~1GRJD00
B5972	C2015 01 14.90287 09 01 44.12 +16 18 16.6	19.9 Vq~1GWPD00	40552	C2015 01 14.90822 09 08 53.31 +15 31 33.7	18.6 Vq~1GRjD00
B6502	C2015 01 14.90287 08 55 41.24 +15 22 16.4	18.6 Vq~1GWSD00	45128	C2015 01 14.90822 09 06 09.51 +15 46 06.6	18.8 Vq~1GS1D00
F6403	C2015 01 14.90287 09 00 47.00 +16 00 26.1	18.6 Vq~1GYPD00	47471	C2015 01 14.90822 09 06 14.30 +14 56 09.9	18.2 Vq~1GSCD00
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G1115	C2015 01 14.90287 09 01 21.59 +15 18 22.4	19.4 Vq~1GYcD00	69099	C2015 01 14.90822 09 03 55.15 +15 04 48.5	18.8 Vq~1GTYD00
I3830	C2015 01 14.90287 08 56 51.72 +15 55 05.0	19.7 Vq~1GZbD00	69335	C2015 01 14.90822 09 09 35.03 +14 54 58.4	21.2 Vq~1GTYD00
K3722	C2015 01 14.90287 08 59 11.10 +15 48 03.2	18.9 Vq~1GaQD00	69441	C2015 01 14.90822 09 03 54.95 +16 06 50.6	19.4 Vq~1GTZD00
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10212	C2015 01 14.90420 09 00 25.15 +13 14 40.8	17.4 Vq~1GPXD00	77266	C2015 01 14.90822 09 06 17.64 +15 40 39.4	18.2 Vq~1GUAD00
16533	C2015 01 14.90420 08 57 21.76 +14 17 35.6	18.5 Vq~1GQ3D00	A6878	C2015 01 14.90822 09 08 18.80 +16 26 23.5	18.8 Vq~1GV1D00
22792	C2015 01 14.90420 08 55 40.01 +13 07 02.4	19.3 Vq~1GQWD00	B0527	C2015 01 14.90822 09 06 27.12 +15 15 43.8	20.4 Vq~1GW2D00
26895	C2015 01 14.90420 08 56 32.77 +14 42 36.8	18.6 Vq~1GQpD00	B6214	C2015 01 14.90822 09 08 46.98 +14 47 05.6	19.0 Vq~1GWQD00
39546	C2015 01 14.90420 09 00 47.76 +13 35 41.7	18.9 Vq~1GReD00	D3647	C2015 01 14.90822 09 04 09.09 +15 06 20.3	20.0 Vq~1GXID00
40501	C2015 01 14.90420 09 01 43.92 +13 50 21.9	19.6 Vq~1GRjD00	D7045	C2015 01 14.90822 09 05 06.30 +15 36 08.2	19.7 Vq~1GXTD00
41931	C2015 01 14.90420 09 02 17.21 +14 27 08.5	19.3 Vq~1GRoD00	D7866	C2015 01 14.90822 09 03 11.83 +16 12 03.0	19.8 Vq~1GXXD00
42329	C2015 01 14.90420 08 56 13.62 +14 26 44.8	18.9 Vq~1GRpD00	F3894	C2015 01 14.90822 09 05 52.44 +15 58 06.5	19.9 Vq~1GYID00
44647	C2015 01 14.90420 08 58 22.58 +13 47 34.0	19.3 Vq~1GRzD00	G4205	C2015 01 14.90822 09 03 58.63 +16 12 00.3	20.6 Vq~1GYkD00
49120	C2015 01 14.90420 09 00 11.48 +14 33 44.1	19.5 Vq~1GSKD00	I4394	C2015 01 14.90822 09 03 17.44 +15 27 14.4	20.3 Vq~1GZeD00
53256	C2015 01 14.90420 09 01 13.68 +13 20 28.7	18.9 Vq~1GSbD00	05015	C2015 01 14.90955 09 04 49.65 +14 28 47.5	16.7 Vq~1GP6D00
75337	C2015 01 14.90420 08 57 25.10 +14 07 56.9	20.5 Vq~1GU0D00	06011	C2015 01 14.90955 09 08 18.43 +13 01 54.9	18.2 Vq~1GPBD00
75404	C2015 01 14.90420 09 01 40.84 +13 02 31.7	19.3 Vq~1GU0D00	07598	C2015 01 14.90955 09 03 23.73 +13 02 25.7	17.4 Vq~1GPJD00
76697	C2015 01 14.90420 09 02 16.89 +14 09 03.3	19.8 Vq~1GU6D00	13840	C2015 01 14.90955 09 05 32.20 +13 24 57.6	17.4 Vq~1GPpD00
A5169	C2015 01 14.90420 08 57 32.93 +13 51 35.4	19.0 Vq~1GVhD00	15167	C2015 01 14.90955 09 02 49.64 +13 01 37.2	17.6 Vq~1GPwD00
B2921	C2015 01 14.90420 08 56 48.48 +13 28 18.0	20.3 Vq~1GWDD00	18307	C2015 01 14.90955 09 06 55.60 +13 36 41.1	18.4 Vq~1GQBD00
C5389	C2015 01 14.90420 09 02 40.54 +13 17 43.6	19.0 Vq~1GWrD00	27292	C2015 01 14.90955 09 09 23.26 +13 31 30.6	18.8 Vq~1GQrD00
D7969	C2015 01 14.90420 08 57 55.25 +13 00 13.3	20.4 Vq~1GXXD00	40597	C2015 01 14.90955 09 08 51.63 +14 13 23.2	19.9 Vq~1GRjD00
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00623	C2015 01 14.90556 09 03 34.23 +18 19 22.4	13.9 Vq~1GOeD00	45114	C2015 01 14.90955 09 06 14.82 +14 37 40.3	19.9 Vq~1GS1D00
02320	C2015 01 14.90556 09 03 48.00 +19 26 05.3	15.9 Vq~1GOqD00	46648	C2015 01 14.90955 09 05 54.65 +14 29 03.6	20.0 Vq~1GS9D00
02431	C2015 01 14.90556 09 04 58.42 +18 13 47.7	18.2 Vq~1GOrD00	67390	C2015 01 14.90955 09 02 55.84 +13 57 54.8	19.2 Vq~1GTQD00

67487	C2015 01 14.90955 09 04 54.00 +13 39 13.4	20.2	Vq~lGTQD00	A6964	C2015 01 14.91359 09 01 09.66 +14 49 18.4	19.5	Vq~lGVmD00
73848	C2015 01 14.90955 09 07 52.37 +13 42 28.9	19.3	Vq~lGTrD00	B5972	C2015 01 14.91359 09 01 43.66 +16 18 18.8	20.5	Vq~lGWPD00
74688	C2015 01 14.90955 09 05 01.02 +13 36 55.8	19.3	Vq~lGTwD00	B6502	C2015 01 14.91359 08 55 40.87 +15 22 20.2	19.1	Vq~lGWSD00
78496	C2015 01 14.90955 09 03 15.61 +13 19 29.5	19.2	Vq~lGUGD00	F6403	C2015 01 14.91359 09 00 46.60 +16 00 30.7	18.5	Vq~lGYPD00
90900	C2015 01 14.90955 09 07 35.88 +13 18 05.4	19.5	Vq~lGUvD00	G0966	C2015 01 14.91359 08 59 30.40 +15 41 16.0	19.2	Vq~lGYcD00
A3939	C2015 01 14.90955 09 06 27.53 +13 50 54.0	19.7	Vq~lGVcD00	G1115	C2015 01 14.91359 09 01 21.14 +15 18 25.2	19.7	Vq~lGYcD00
A8893	C2015 01 14.90955 09 05 41.95 +14 03 30.5	18.8	Vq~lGVtD00	K3722	C2015 01 14.91359 08 59 10.31 +15 48 01.1	19.5	Vq~lGaQD00
C2658	C2015 01 14.90955 09 05 47.17 +13 35 48.8	20.2	Vq~lGWkD00	P0575	C2015 01 14.91359 09 01 19.39 +15 54 58.9	20.1	Vq~lGc7D00
C5389	C2015 01 14.90955 09 02 40.28 +13 17 44.7	19.0	Vq~lGWrD00	10212	C2015 01 14.91493 09 00 24.52 +13 14 42.8	17.3	Vq~lGPXD00
E2233	C2015 01 14.90955 09 03 01.52 +14 38 42.0	20.3	Vq~lGXiD00	16533	C2015 01 14.91493 08 57 21.23 +14 17 40.5	18.6	Vq~lGQ3D00
E2340	C2015 01 14.90955 09 03 43.44 +14 03 28.3	18.7	Vq~lGXjD00	22792	C2015 01 14.91493 08 55 39.32 +13 07 02.7	19.8	Vq~lGQWD00
E4269	C2015 01 14.90955 09 03 08.23 +13 11 26.5	20.4	Vq~lGXoD00	26895	C2015 01 14.91493 08 56 32.28 +14 42 37.2	18.6	Vq~lGQpD00
E5854	C2015 01 14.90955 09 09 16.69 +14 09 57.2	18.9	Vq~lGXsD00	39546	C2015 01 14.91493 09 00 47.26 +13 35 44.4	18.9	Vq~lGReD00
E7195	C2015 01 14.90955 09 07 51.02 +14 20 26.0	19.1	Vq~lGXvD00	40501	C2015 01 14.91493 09 01 43.40 +13 50 23.5	19.5	Vq~lGRjD00
G0929	C2015 01 14.90955 09 05 59.42 +13 28 16.3	20.0	Vq~lGYbD00	41931	C2015 01 14.91493 09 02 16.60 +14 27 11.4	19.5	Vq~lGRoD00
H5209	C2015 01 14.90955 09 04 48.23 +13 25 41.4	20.2	Vq~lGZED00	42329	C2015 01 14.91493 08 56 13.06 +14 26 47.9	18.8	Vq~lGRpD00
H7175	C2015 01 14.90955 09 08 18.47 +13 33 17.5	18.5	Vq~lGZJD00	44647	C2015 01 14.91493 08 58 22.06 +13 47 36.6	19.3	Vq~lGRzD00
I3950	C2015 01 14.90955 09 07 27.77 +13 46 26.3	20.1	Vq~lGZcD00	49120	C2015 01 14.91493 09 00 10.89 +14 33 46.4	19.5	Vq~lGSKD00
L2682	C2015 01 14.90955 09 07 49.79 +14 02 44.4	20.6	Vq~lGacD00	53256	C2015 01 14.91493 09 01 13.20 +13 20 31.4	18.7	Vq~lGSbD00
L7219	C2015 01 14.90955 09 09 32.29 +13 37 00.8	19.6	Vq~lGamD00	75337	C2015 01 14.91493 08 57 24.47 +14 07 59.4	20.6	Vq~lGU0D00
P5883	C2015 01 14.90955 09 03 23.22 +13 32 23.5	19.2	Vq~lGcLD00	75404	C2015 01 14.91493 09 01 40.26 +13 02 33.3	19.3	Vq~lGU0D00
S7721	C2015 01 14.90955 09 06 14.97 +13 35 47.1	19.7	Vq~lGd1D00	76697	C2015 01 14.91493 09 02 16.45 +14 09 06.3	19.6	Vq~lGU6D00
04009	C2015 01 14.91090 08 58 11.62 +19 51 58.0	17.9	Vq~lGP0D00	A5169	C2015 01 14.91493 08 57 32.21 +13 51 36.7	19.8	Vq~lGVhD00
04979	C2015 01 14.91090 08 58 55.29 +18 24 02.9	18.4	Vq~lGP6D00	C2615	C2015 01 14.91493 09 01 14.94 +14 03 40.1	20.5	Vq~lGWkD00
05730	C2015 01 14.91090 08 57 36.86 +18 51 05.7	17.4	Vq~lGP9D00	C5389	C2015 01 14.91493 09 02 40.04 +13 17 46.6	19.3	Vq~lGWrD00
08432	C2015 01 14.91090 08 57 57.37 +19 32 54.9	18.0	Vq~lGPOD00	D7969	C2015 01 14.91493 08 57 54.81 +13 00 14.4	19.5	Vq~lGXXD00
08998	C2015 01 14.91090 09 00 30.02 +18 15 20.8	17.8	Vq~lGPQD00	H8819	C2015 01 14.91493 08 58 51.53 +14 18 36.6	19.9	Vq~lGZOD00
13806	C2015 01 14.91090 08 56 53.72 +18 14 28.9	19.5	Vq~lGPoD00	g5709K11B19R	C2015 01 14.91628 09 06 28.24 +18 42 57.4	20.2	Vq~lGMHD00
15968	C2015 01 14.91090 08 58 45.95 +18 35 19.1	18.3	Vq~lGQ0D00	00623	C2015 01 14.91628 09 03 33.52 +18 19 20.5	13.9	Vq~lGOeD00
17249	C2015 01 14.91090 08 55 58.92 +18 53 14.7	19.1	Vq~lGQ7D00	02320	C2015 01 14.91628 09 03 47.55 +19 26 09.2	15.8	Vq~lGOqD00
22444	C2015 01 14.91090 08 59 07.35 +19 36 26.8	19.2	Vq~lGQUD00	02431	C2015 01 14.91628 09 04 57.90 +18 13 49.5	18.3	Vq~lGOrD00
23022	C2015 01 14.91090 09 02 29.48 +18 43 17.6	18.6	Vq~lGQXD00	02744	C2015 01 14.91628 09 03 26.61 +18 44 12.7	18.7	Vq~lGOuD00
25006	C2015 01 14.91090 09 00 50.93 +19 01 33.9	19.7	Vq~lGQgD00	11204	C2015 01 14.91628 09 03 18.35 +19 27 31.2	17.4	Vq~lGPcD00
25782	C2015 01 14.91090 09 02 40.35 +18 54 14.0	19.3	Vq~lGQjD00	13024	C2015 01 14.91628 09 09 44.33 +18 16 03.9	18.6	Vq~lGPkD00
58289	C2015 01 14.91090 09 02 29.12 +19 11 38.6	18.7	Vq~lGSuD00	15085	C2015 01 14.91628 09 05 55.62 +18 18 29.1	18.1	Vq~lGPwD00
58662	C2015 01 14.91090 08 57 09.33 +18 44 42.5	18.5	Vq~lGSvD00	19500	C2015 01 14.91628 09 05 59.28 +18 37 40.6	18.5	Vq~lGQGD00
68039	C2015 01 14.91090 08 57 04.87 +19 43 05.5	19.2	Vq~lGTUD00	20663	C2015 01 14.91628 09 04 50.51 +18 11 42.3	18.6	Vq~lGQMD00
74509	C2015 01 14.91090 09 00 58.29 +18 18 08.5	19.1	Vq~lGTuD00	22050	C2015 01 14.91628 09 09 19.09 +18 12 49.3	18.0	Vq~lGQSD00
75506	C2015 01 14.91090 09 00 16.13 +18 24 53.8	18.8	Vq~lGU1D00	23022	C2015 01 14.91628 09 02 29.24 +18 43 18.7	18.5	Vq~lGQXD00
77839	C2015 01 14.91090 08 59 52.80 +18 53 28.9	20.2	Vq~lGUDD00	23861	C2015 01 14.91628 09 06 17.22 +18 20 51.9	19.3	Vq~lGQbD00
78646	C2015 01 14.91090 09 01 30.83 +18 27 23.1	19.0	Vq~lGUHD00	23873	C2015 01 14.91628 09 03 32.77 +19 24 19.7	19.2	Vq~lGQbD00
83246	C2015 01 14.91090 08 57 22.13 +18 39 17.0	19.0	Vq~lGUXD00	25782	C2015 01 14.91628 09 02 40.10 +18 54 15.5	18.8	Vq~lGQjD00
85147	C2015 01 14.91090 09 01 05.88 +18 28 43.7	20.4	Vq~lGUdD00	27471	C2015 01 14.91628 09 06 38.51 +18 15 23.8	18.9	Vq~lGQrD00
A1699	C2015 01 14.91090 09 02 36.98 +18 34 54.7	19.8	Vq~lGVUD00	29881	C2015 01 14.91628 09 07 31.50 +19 18 00.0	19.9	Vq~lGR1D00
B1494	C2015 01 14.91090 08 56 37.20 +19 52 29.7	19.4	Vq~lGW6D00	32433	C2015 01 14.91628 09 02 41.96 +18 16 55.2	18.8	Vq~lGRBD00
B4248	C2015 01 14.91090 09 02 23.22 +19 25 44.4	19.7	Vq~lGWID00	32497	C2015 01 14.91628 09 04 13.48 +19 24 25.5	17.9	Vq~lGRBD00
B5400	C2015 01 14.91090 08 57 28.26 +19 35 15.4	19.9	Vq~lGWMD00	53790	C2015 01 14.91628 09 07 00.26 +18 45 34.1	19.2	Vq~lGSdD00
C0681	C2015 01 14.91090 09 01 36.44 +18 40 19.5	19.8	Vq~lGWfD00	56292	C2015 01 14.91628 09 05 43.62 +18 38 42.9	18.3	Vq~lGSnD00
C0723	C2015 01 14.91090 08 56 18.34 +18 14 34.3	19.1	Vq~lGWfD00	58289	C2015 01 14.91628 09 02 28.90 +19 11 40.3	18.6	Vq~lGSuD00
C3784	C2015 01 14.91090 08 57 17.31 +19 50 34.0	19.0	Vq~lGWpD00	60570	C2015 01 14.91628 09 07 23.49 +19 41 23.4	20.0	Vq~lGT2D00
C6290	C2015 01 14.91090 09 00 03.84 +18 41 38.0	19.2	Vq~lGWvD00	68008	C2015 01 14.91628 09 04 07.05 +19 08 38.9	20.1	Vq~lGTTD00
C6804	C2015 01 14.91090 09 01 33.48 +19 27 14.0	20.0	Vq~lGWwD00	72352	C2015 01 14.91628 09 09 03.65 +19 04 05.5	19.0	Vq~lGT1D00
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O4971	C2015 01 14.91090 08 58 56.24 +19 33 25.8	20.3	Vq~lGbwD00	84668	C2015 01 14.91628 09 07 59.18 +19 33 38.8	20.1	Vq~lGUbD00
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13375	C2015 01 14.91223 09 02 10.91 +17 50 32.6	18.8	Vq~lGPmD00	E7480	C2015 01 14.91628 09 07 52.43 +19 53 43.8	20.2	Vq~lGXxD00
33649	C2015 01 14.91223 08 55 32.28 +16 58 39.0	20.0	Vq~lGRGD00	E8211	C2015 01 14.91628 09 07 37.86 +18 25 36.4	19.1	Vq~lGXyD00
33657	C2015 01 14.91223 09 02 27.09 +16 59 37.2	20.0	Vq~lGRGD00	F6415	C2015 01 14.91628 09 08 44.59 +19 06 33.3	19.8	Vq~lGYPD00
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41515	C2015 01 14.91223 09 02 27.21 +17 43 44.2	19.2	Vq~lGRmD00	I3932	C2015 01 14.91628 09 03 18.33 +19 22 10.9	19.7	Vq~lGZcD00
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D7876	C2015 01 14.91223 09 01 47.30 +16 36 20.1	19.2	Vq~lGXXD00	20493	C2015 01 14.91762 09 09 05.51 +16 31 57.0	19.5	Vq~lGQLD00
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78136	C2015 01 14.91359 08 57 48.73 +16 05 57.3	21.1	Vq~lGUED00	10228	C2015 01 14.91897 09 09 29.56 +15 22 46.7	18.2	Vq~lGPXD00
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80978	C2015 01 14.91359 09 01 19.21 +15 20 24.9	20.7	Vq~lGUPD00	13147	C2015 01 14.91897 09 07 27.95 +15 30 50.5	17.6	Vq~lGPlD00
85651	C2015 01 14.91359 08 59 54.72 +15 27 52.9	19.2	Vq~lGUeD00	15772	C2015 01 14.91897 09 07 17.77 +16 04 46.3	20.4	Vq~lGPzD00

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58289 C2015 01 14.92166 09 02 28.63 +19 11 42.2 18.7 Vq~1GSuD00	02320 C2015 01 14.92704 09 03 47.08 +19 26 13.2 15.7 Vq~1GOqD00
58662 C2015 01 14.92166 08 57 08.79 +18 44 44.8 18.8 Vq~1GSvD00	02431 C2015 01 14.92704 09 04 57.36 +18 13 51.6 18.2 Vq~1GOrD00
68039 C2015 01 14.92166 08 57 04.39 +19 43 10.6 19.4 Vq~1GTUD00	02744 C2015 01 14.92704 09 03 25.84 +18 44 14.0 18.7 Vq~1GOuD00
74509 C2015 01 14.92166 09 00 57.77 +18 18 10.8 19.1 Vq~1GTuD00	11204 C2015 01 14.92704 09 03 17.86 +19 27 33.3 17.4 Vq~1GPcD00
75506 C2015 01 14.92166 09 00 15.48 +18 24 54.6 19.0 Vq~1GU1D00	13024 C2015 01 14.92704 09 09 43.69 +18 16 05.1 18.7 Vq~1GPkD00
77839 C2015 01 14.92166 08 59 52.40 +18 53 33.0 19.5 Vq~1GUDD00	15085 C2015 01 14.92704 09 05 55.14 +18 18 31.2 18.3 Vq~1GPwD00
78646 C2015 01 14.92166 09 01 30.35 +18 27 25.9 18.8 Vq~1GUHD00	19500 C2015 01 14.92704 09 05 58.78 +18 37 44.9 18.5 Vq~1GQGD00
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85147 C2015 01 14.92166 09 01 05.44 +18 28 45.5 19.9 Vq~1GUdD00	22050 C2015 01 14.92704 09 09 18.61 +18 12 53.3 18.0 Vq~1GQSD00
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B4248 C2015 01 14.92166 09 02 22.74 +19 25 47.6 19.8 Vq~1GWID00	23873 C2015 01 14.92704 09 03 32.25 +19 24 22.3 19.3 Vq~1GQbD00
B5400 C2015 01 14.92166 08 57 27.76 +19 35 16.8 20.0 Vq~1GWMD00	25782 C2015 01 14.92704 09 02 39.47 +18 54 19.0 19.1 Vq~1GQjD00
C0681 C2015 01 14.92166 09 01 35.90 +18 40 21.0 20.2 Vq~1GWfD00	27471 C2015 01 14.92704 09 06 38.02 +18 15 25.9 19.2 Vq~1GQrD00
C0723 C2015 01 14.92166 08 56 17.77 +18 14 36.1 19.7 Vq~1GWfD00	29881 C2015 01 14.92704 09 07 31.07 +19 18 02.3 19.9 Vq~1GR1D00
C3784 C2015 01 14.92166 08 57 16.89 +19 50 40.6 19.3 Vq~1GWpD00	32433 C2015 01 14.92704 09 02 41.39 +18 16 56.6 18.9 Vq~1GRBD00
C6290 C2015 01 14.92166 09 00 03.24 +18 41 40.3 19.6 Vq~1GWvD00	32497 C2015 01 14.92704 09 04 12.89 +19 24 26.3 17.9 Vq~1GRBD00
C6804 C2015 01 14.92166 09 01 32.99 +19 27 18.5 20.9 Vq~1GWwD00	53790 C2015 01 14.92704 09 06 59.81 +18 45 38.4 19.0 Vq~1GSdD00
F1246 C2015 01 14.92166 08 59 41.26 +18 56 34.2 19.3 Vq~1GYADD00	56292 C2015 01 14.92704 09 05 43.03 +18 38 47.0 18.3 Vq~1GSnD00
G9423 C2015 01 14.92166 08 59 45.94 +18 51 22.4 19.7 Vq~1GYyD00	58289 C2015 01 14.92704 09 02 28.33 +19 11 43.8 18.7 Vq~1GSuD00
O4971 C2015 01 14.92166 08 58 55.66 +19 33 24.5 19.4 Vq~1GbwD00	60570 C2015 01 14.92704 09 07 22.87 +19 41 25.5 19.5 Vq~1GT2D00
Q6333 C2015 01 14.92166 08 56 43.17 +19 37 42.1 19.8 Vq~1GcrD00	68008 C2015 01 14.92704 09 04 06.48 +19 08 43.1 19.2 Vq~1GTTD00
f6023 C2015 01 14.92166 08 57 41.34 +18 30 52.0 19.7 Vq~1GgsD00	72352 C2015 01 14.92704 09 09 03.18 +19 04 11.5 19.2 Vq~1GT1D00
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13375 C2015 01 14.92301 09 02 10.41 +17 50 34.8 18.7 Vq~1GPmD00	84668 C2015 01 14.92704 09 07 58.51 +19 33 43.1 19.7 Vq~1GUbD00
33649 C2015 01 14.92301 08 55 31.56 +16 58 43.7 19.1 Vq~1GRGD00	A1699 C2015 01 14.92704 09 02 36.18 +18 34 58.7 19.9 Vq~1GVUD00

A9669	C2015 01 14.92704 09 04 51.46 +18 58 28.4	19.4	Vq~1GVxD00	S7721	C2015 01 14.93105 09 06 13.74 +13 35 49.5	19.8	Vq~1GdlD00
C6707	C2015 01 14.92704 09 09 29.62 +18 44 03.7	19.6	Vq~1GWwD00	20691	C2015 01 14.93324 09 01 57.54 +25 47 09.5	17.5	Vq~1GQMD00
C8307	C2015 01 14.92704 09 03 46.74 +18 39 52.7	19.7	Vq~1GX2D00	49509	C2015 01 14.93324 08 58 02.56 +25 17 23.0	18.9	Vq~1GSMD00
E7480	C2015 01 14.92704 09 07 51.73 +19 53 48.1	20.1	Vq~1GXxD00	58635	C2015 01 14.93324 08 59 19.84 +25 32 04.6	19.1	Vq~1GSuD00
E8211	C2015 01 14.92704 09 07 37.38 +18 25 42.3	18.9	Vq~1GXyD00	77207	C2015 01 14.93324 08 58 22.72 +25 12 15.7	19.2	Vq~1GU9D00
F6415	C2015 01 14.92704 09 08 44.06 +19 06 36.2	19.4	Vq~1GYPD00	B9447	C2015 01 14.93324 08 59 25.78 +25 54 12.8	19.2	Vq~1GWaD00
F8444	C2015 01 14.92704 09 02 49.33 +19 18 29.9	20.6	Vq~1GYVD00	D7553	C2015 01 14.93324 08 58 25.92 +26 13 14.6	19.8	Vq~1GXVD00
I0491	C2015 01 14.92704 09 06 02.45 +19 43 38.3	20.1	Vq~1GZTD00	J5484	C2015 01 14.93324 08 57 40.97 +26 21 21.7	20.2	Vq~1Ga4D00
I3932	C2015 01 14.92704 09 03 17.88 +19 22 13.9	19.5	Vq~1GZcD00	L6326	C2015 01 14.93324 09 00 01.10 +26 21 36.3	19.9	Vq~1GakD00
K9579	C2015 01 14.92704 09 04 15.52 +19 16 10.0	21.5	Vq~1GaYD00	M8633	C2015 01 14.93324 09 02 36.92 +26 07 22.0	20.9	Vq~1GbND00
L9075	C2015 01 14.92704 09 09 21.52 +19 12 17.2	20.7	Vq~1GatD00	N0495	C2015 01 14.93324 09 00 07.51 +25 49 39.7	21.1	Vq~1GbTD00
O4988	C2015 01 14.92704 09 09 00.13 +19 25 17.8	20.6	Vq~1GbxD00	Q4412	C2015 01 14.93324 09 00 04.67 +25 16 26.4	20.8	Vq~1GcjD00
Q2303	C2015 01 14.92704 09 06 15.86 +19 08 16.3	20.1	Vq~1GcdD00	W9245	C2015 01 14.93324 08 55 29.19 +26 15 57.5	21.4	Vq~1GetD00
W6609	C2015 01 14.92704 09 03 23.13 +18 15 53.5	20.2	Vq~1GegD00	e9178	C2015 01 14.93324 08 56 09.24 +25 54 29.3	20.2	Vq~1GgYD00
02114	C2015 01 14.92839 09 05 09.59 +17 20 59.7	16.9	Vq~1GOpD00	g5828K11E16A	C2015 01 14.93457 09 02 34.60 +23 34 36.3	21.5	Vq~1GMLD00
06154	C2015 01 14.92839 09 04 29.82 +17 49 44.1	19.1	Vq~1GPCD00	10577	C2015 01 14.93457 09 01 10.40 +23 45 48.5	19.3	Vq~1GPZD00
07339	C2015 01 14.92839 09 03 54.85 +17 56 33.8	17.1	Vq~1GPID00	15097	C2015 01 14.93457 08 57 42.17 +24 28 33.5	17.3	Vq~1GPwD00
20493	C2015 01 14.92839 09 09 05.07 +16 32 01.9	18.9	Vq~1GQLD00	20488	C2015 01 14.93457 08 56 42.24 +24 18 17.6	19.1	Vq~1GQLD00
28595	C2015 01 14.92839 09 03 49.44 +17 06 52.1	19.6	Vq~1GQwD00	25616	C2015 01 14.93457 08 56 54.75 +25 02 27.5	18.6	Vq~1GQiD00
29634	C2015 01 14.92839 09 03 06.10 +17 24 08.9	20.4	Vq~1GR0D00	31712	C2015 01 14.93457 09 01 21.36 +23 35 03.3	18.8	Vq~1GR8D00
38244	C2015 01 14.92839 09 03 14.65 +17 08 52.7	19.4	Vq~1GRZD00	35889	C2015 01 14.93457 08 58 15.96 +24 03 21.6	19.3	Vq~1GRPD00
42075	C2015 01 14.92839 09 06 10.68 +16 33 12.3	18.6	Vq~1GRoD00	50099	C2015 01 14.93457 08 56 07.80 +23 38 06.2	18.0	Vq~1GSOD00
52253	C2015 01 14.92839 09 04 59.53 +17 08 07.5	20.2	Vq~1GSYD00	59726	C2015 01 14.93457 08 58 04.41 +25 04 08.2	18.7	Vq~1GSzD00
86147	C2015 01 14.92839 09 05 21.46 +17 16 29.6	18.1	Vq~1GUgD00	76688	C2015 01 14.93457 08 57 11.51 +23 45 47.1	20.9	Vq~1GU6D00
91655	C2015 01 14.92839 09 08 40.70 +16 49 58.3	21.0	Vq~1GUyD00	81177	C2015 01 14.93457 08 57 16.00 +24 15 25.3	18.8	Vq~1GUQD00
A9280	C2015 01 14.92839 09 02 54.95 +17 45 02.1	19.5	Vq~1GVvD00	A9209	C2015 01 14.93457 08 56 55.73 +24 11 00.9	19.5	Vq~1GVvD00
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B8212	C2015 01 14.92839 09 07 00.41 +18 00 33.2	20.4	Vq~1GWYD00	G3068	C2015 01 14.93457 08 57 10.16 +24 25 08.7	18.2	Vq~1GYhD00
C2257	C2015 01 14.92839 09 05 58.08 +16 54 57.5	18.7	Vq~1GWiD00	H1775	C2015 01 14.93457 08 58 39.44 +24 46 22.6	19.2	Vq~1GZ4D00
C6179	C2015 01 14.92839 09 06 46.15 +16 46 17.7	19.8	Vq~1GWuD00	I6760	C2015 01 14.93457 08 58 26.04 +23 56 24.7	19.5	Vq~1GZkD00
C7093	C2015 01 14.92839 09 08 03.91 +16 34 59.6	20.4	Vq~1GWyD00	f6154	C2015 01 14.93457 08 58 20.01 +23 54 59.1	20.5	Vq~1GgsD00
M3252	C2015 01 14.92839 09 05 02.65 +17 34 54.3	20.4	Vq~1Gb7D00	15523	C2015 01 14.93590 08 59 23.97 +22 53 26.8	18.3	Vq~1GPyD00
O1913	C2015 01 14.92839 09 06 03.30 +16 48 26.0	21.0	Vq~1GbrD00	37516	C2015 01 14.93590 09 01 56.18 +22 25 45.7	19.4	Vq~1GRWD00
01764	C2015 01 14.92972 09 08 27.68 +15 06 16.9	16.4	Vq~1GOnD00	59640	C2015 01 14.93590 09 01 38.54 +21 56 16.9	19.3	Vq~1GSyD00
07689	C2015 01 14.92972 09 06 32.61 +14 51 59.8	18.9	Vq~1GPKD00	64241	C2015 01 14.93590 09 00 03.35 +23 10 21.4	18.1	Vq~1GTED00
08362	C2015 01 14.92972 09 06 04.72 +15 22 24.8	18.1	Vq~1GPND00	93994	C2015 01 14.93590 09 01 49.69 +22 55 40.4	18.5	Vq~1GV4D00
10228	C2015 01 14.92972 09 09 29.08 +15 22 47.6	18.5	Vq~1GPXD00	97002	C2015 01 14.93590 08 59 55.10 +22 40 24.0	20.2	Vq~1GVDD00
12429	C2015 01 14.92972 09 02 42.84 +15 18 04.8	17.3	Vq~1GPiD00	A0652	C2015 01 14.93590 09 01 28.48 +22 43 03.4	19.2	Vq~1GVRD00
13147	C2015 01 14.92972 09 07 27.51 +15 30 52.9	17.8	Vq~1GP1D00	A6787	C2015 01 14.93590 09 00 08.66 +22 33 57.3	19.2	Vq~1GV1D00
15772	C2015 01 14.92972 09 07 17.38 +16 04 48.6	19.5	Vq~1GPzD00	A9151	C2015 01 14.93590 08 58 50.16 +22 40 38.7	19.9	Vq~1GVuD00
20885	C2015 01 14.92972 09 05 09.49 +15 34 55.8	18.4	Vq~1GQND00	C5717	C2015 01 14.93590 09 02 15.72 +23 22 53.4	19.2	Vq~1GWtD00
34343	C2015 01 14.92972 09 05 57.97 +15 03 15.4	19.4	Vq~1GRJD00	C5921	C2015 01 14.93590 09 02 35.17 +22 44 48.7	19.5	Vq~1GWtD00
40552	C2015 01 14.92972 09 08 52.19 +15 31 35.3	18.7	Vq~1GRjD00	C6997	C2015 01 14.93590 09 01 08.15 +21 56 15.7	19.8	Vq~1GWxD00
45128	C2015 01 14.92972 09 06 08.26 +15 46 11.7	19.0	Vq~1GS1D00	C8840	C2015 01 14.93590 09 01 59.20 +22 29 52.8	20.0	Vq~1GX3D00
47471	C2015 01 14.92972 09 06 13.25 +14 56 11.3	18.1	Vq~1GSCD00	E8479	C2015 01 14.93590 08 58 56.36 +22 09 20.2	19.4	Vq~1GXzD00
57792	C2015 01 14.92972 09 07 05.40 +15 44 38.2	19.2	Vq~1GSsD00	G1195	C2015 01 14.93590 08 58 23.34 +23 15 21.2	19.7	Vq~1GYdD00
61041	C2015 01 14.92972 09 06 10.84 +15 14 37.0	20.6	Vq~1GT4D00	I0204	C2015 01 14.93590 09 02 30.51 +21 59 19.6	18.9	Vq~1GZRD00
69099	C2015 01 14.92972 09 03 54.19 +15 05 00.0	18.9	Vq~1GTYD00	M2614	C2015 01 14.93590 08 57 39.38 +22 12 27.0	21.0	Vq~1Gb5D00
69335	C2015 01 14.92972 09 09 34.04 +14 55 02.1	20.1	Vq~1GTYD00	07965	C2015 01 14.93723 09 01 41.86 +21 11 02.4	16.1	Vq~1GPLD00
69441	C2015 01 14.92972 09 03 53.70 +16 06 52.9	19.3	Vq~1GTZD00	11320	C2015 01 14.93723 09 01 36.97 +20 58 37.8	18.5	Vq~1GPdD00
72113	C2015 01 14.92972 09 04 35.40 +15 21 24.5	18.5	Vq~1GTkD00	12299	C2015 01 14.93723 08 58 10.17 +21 14 44.1	17.8	Vq~1GPhD00
77266	C2015 01 14.92972 09 06 16.69 +15 40 45.3	18.2	Vq~1GUAD00	12430	C2015 01 14.93723 08 57 18.48 +20 50 29.4	18.1	Vq~1GPiD00
78468	C2015 01 14.92972 09 02 45.83 +15 23 46.1	20.2	Vq~1GUGD00	13828	C2015 01 14.93723 08 55 55.66 +20 27 40.3	19.8	Vq~1GPoD00
A6878	C2015 01 14.92972 09 08 17.73 +16 26 34.3	18.9	Vq~1GV1D00	16279	C2015 01 14.93723 08 55 45.67 +20 00 31.0	18.2	Vq~1GQ2D00
B0195	C2015 01 14.92972 09 07 29.70 +15 31 39.2	19.8	Vq~1GW0D00	26389	C2015 01 14.93723 09 01 12.91 +20 32 18.6	19.3	Vq~1GQnD00
B0527	C2015 01 14.92972 09 06 26.10 +15 15 48.9	19.8	Vq~1GW2D00	34606	C2015 01 14.93723 08 58 50.63 +20 34 53.9	18.8	Vq~1GRKD00
B6214	C2015 01 14.92972 09 08 45.93 +14 47 05.4	19.8	Vq~1GWQD00	36984	C2015 01 14.93723 09 02 21.00 +21 11 52.8	18.7	Vq~1GRUD00
D3647	C2015 01 14.92972 09 04 07.83 +15 06 22.4	19.6	Vq~1GXID00	37613	C2015 01 14.93723 08 55 24.93 +21 32 50.6	18.8	Vq~1GRWD00
D7045	C2015 01 14.92972 09 05 05.15 +15 36 13.0	19.5	Vq~1GXTD00	42886	C2015 01 14.93723 09 00 33.23 +20 55 19.7	20.1	Vq~1GRsD00
D7866	C2015 01 14.92972 09 03 10.63 +16 12 09.2	19.3	Vq~1GXXD00	50039	C2015 01 14.93723 09 00 40.83 +20 34 42.8	20.0	Vq~1GSOD00
F3894	C2015 01 14.92972 09 05 51.52 +15 58 11.7	19.3	Vq~1GYID00	55013	C2015 01 14.93723 09 00 20.97 +20 27 08.6	18.4	Vq~1GSiD00
G4205	C2015 01 14.92972 09 03 57.97 +16 12 03.4	19.7	Vq~1GYkD00	58750	C2015 01 14.93723 09 01 54.15 +20 22 16.4	19.4	Vq~1GSvD00
I4394	C2015 01 14.92972 09 03 16.37 +15 27 22.3	19.9	Vq~1GZeD00	59593	C2015 01 14.93723 09 02 10.11 +20 28 12.4	19.7	Vq~1GSyD00
g0718	C2015 01 14.92972 09 03 42.72 +16 13 43.0	20.8	Vq~1GhID00	59595	C2015 01 14.93723 08 55 57.05 +21 14 37.6	17.8	Vq~1GSyD00
05015	C2015 01 14.93105 09 04 48.40 +14 28 54.8	16.8	Vq~1GP6D00	67764	C2015 01 14.93723 08 57 16.77 +21 20 26.7	20.3	Vq~1GTSD00
06011	C2015 01 14.93105 09 08 17.36 +13 01 58.9	18.4	Vq~1GPBD00	75397	C2015 01 14.93723 08 56 07.95 +21 20 18.5	17.5	Vq~1GU0D00
07598	C2015 01 14.93105 09 03 22.85 +13 02 32.6	17.5	Vq~1GPJD00	77452	C2015 01 14.93723 09 00 22.30 +21 23 48.8	19.4	Vq~1GUAD00
13840	C2015 01 14.93105 09 05 31.05 +13 25 00.6	17.6	Vq~1GPpD00	79798	C2015 01 14.93723 08 58 56.24 +20 05 22.8	20.1	Vq~1GUMD00
15167	C2015 01 14.93105 09 02 48.64 +13 01 45.2	17.8	Vq~1GPwD00	87736	C2015 01 14.93723 08 56 09.72 +20 18 51.6	20.1	Vq~1GU1D00
18307	C2015 01 14.93105 09 06 54.32 +13 36 45.0	18.2	Vq~1GQBD00	99547	C2015 01 14.93723 08 59 18.80 +20 21 39.7	20.4	Vq~1GVMD00
27292	C2015 01 14.93105 09 09 22.04 +13 31 31.2	18.8	Vq~1GQrD00	A6469	C2015 01 14.93723 09 01 06.00 +20 39 25.6	19.3	Vq~1GVkD00
40597	C2015 01 14.93105 09 08 50.67 +14 13 26.5	19.3	Vq~1GRjD00	A7809	C2015 01 14.93723 09 00 25.58 +21 24 16.3	18.7	Vq~1GVpD00
45043	C2015 01 14.93105 09 05 35.94 +14 01 31.1	18.9	Vq~1GS1D00	B5586	C2015 01 14.93723 09 02 08.69 +20 44 26.3	20.1	Vq~1GWND00
45114	C2015 01 14.93105 09 06 13.66 +14 37 45.7	19.6	Vq~1GS1D00	B5733	C2015 01 14.93723 08 57 27.14 +20 15 38.2	20.4	Vq~1GWOD00
45958	C2015 01 14.93105 09 04 51.35 +14 27 08.2	19.4	Vq~1GS6D00	C2268	C2015 01 14.93723 08 57 40.15 +20 07 54.6	20.0	Vq~1GWjD00
46648	C2015 01 14.93105 09 05 53.52 +14 29 10.7	19.8	Vq~1GS9D00	E9455	C2015 01 14.93723 08 59 36.21 +20 56 01.6	19.2	Vq~1GY3D00
67390	C2015 01 14.93105 09 02 54.57 +13 58 02.1	19.1	Vq~1GTQD00	F0752	C2015 01 14.93723 08 58 20.86 +20 45 47.3	19.9	Vq~1GY6D00
67487	C2015 01 14.93105 09 04 52.66 +13 39 15.0	19.5	Vq~1GTQD00	G0300	C2015 01 14.93723 08 59 54.13 +20 24 57.5	19.1	Vq~1GYaD00
73848	C2015 01 14.93105 09 07 51.25 +13 42 33.4	19.5	Vq~1GTrD00	H2281	C2015 01 14.93723 08 59 48.36 +21 26 13.6	19.4	Vq~1GZ5D00
74688	C2015 01 14.93105 09 04 59.76 +13 36 59.9	19.7	Vq~1GTwD00	K6670	C2015 01 14.93723 08 56 28.85 +21 26 40.1	20.1	Vq~1GaUD00
78496	C2015 01 14.93105 09 03 14.67 +13 19 30.0	19.1	Vq~1GUGD00	K6728	C2015 01 14.93723 08 55 37.83 +21 33 26.7	20.1	Vq~1GaUD00
90900	C2015 01 14.93105 09 07 34.90 +13 18 08.9	19.7	Vq~1GUvD00	01393	C2015 01 14.93859 09 08 24.09 +25 34 41.5	15.7	Vq~1GOkD00
A3939	C2015 01 14.93105 09 06 26.59 +13 50 56.8	18.8	Vq~1GVcD00	02090	C2015 01 14.93859 09 09 25.99 +25 38 53.5	15.8	Vq~1GOpD00
A8893	C2015 01 14.93105 09 05 40.89 +14 03 31.4	19.0	Vq~1GVtD00	22408	C2015 01 14.93859 09 05 30.14 +26 15 11.3	18.6	Vq~1GQUD00
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C5389	C2015 01 14.93105 09 02 39.29 +13 17 50.6	19.1	Vq~1GWrD00	34747	C2015 01 14.93859 09 09 30.84 +26 32 56.9	18.5	Vq~1GRLD00
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53507      C2015 01 16.06954 11 55 37.23 -02 33 47.4          20.2 Vq~1GSdD00
59639      C2015 01 16.06954 11 52 50.45 -00 59 12.1          19.2 Vq~1GSyD00
90475      C2015 01 16.06954 11 51 23.75 -01 30 21.8          18.9 Vq~1GUuD00
14563      C2015 01 16.07089 11 48 29.13 +04 06 36.7          19.1 Vq~1GPtD00
17742      C2015 01 16.07089 11 44 58.08 +03 26 06.1          18.2 Vq~1GQ8D00
21460      C2015 01 16.07089 11 46 53.36 +03 11 19.2          19.4 Vq~1GQQD00
51834      C2015 01 16.07089 11 48 00.88 +03 09 25.3          19.7 Vq~1GSWD00
91022      C2015 01 16.07089 11 45 22.22 +03 49 28.1          17.2 Vq~1GUwD00
11292      C2015 01 16.07223 11 44 34.46 +02 29 06.8          18.7 Vq~1GPdD00
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23752      C2015 01 16.07223 11 47 59.28 +01 01 14.5          19.6 Vq~1GQaD00
71467      C2015 01 16.07223 11 45 23.40 +02 08 13.3          18.6 Vq~1GTgD00
D9102      C2015 01 16.07223 11 47 30.53 +02 34 41.2          20.1 Vq~1GXaD00
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A4647      C2015 01 16.07492 11 47 28.15 -01 43 29.3          19.8 Vq~1GVfD00
B9357      C2015 01 16.07492 11 49 14.33 -02 10 37.7          19.0 Vq~1GWaD00
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05791      C2015 01 16.07760 11 53 37.86 +02 01 55.3          17.9 Vq~1GPAD00
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48762      C2015 01 16.07894 11 55 06.48 +00 47 02.4          18.5 Vq~1GSID00
87249      C2015 01 16.07894 11 56 21.95 +00 20 44.8          20.6 Vq~1GUiD00
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90475      C2015 01 16.08027 11 51 23.84 -01 30 19.5          19.2 Vq~1GUuD00
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91022      C2015 01 16.08162 11 45 22.40 +03 49 22.7          17.2 Vq~1GUwD00
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13405      C2015 01 16.08295 11 46 40.45 +00 54 15.8          17.1 Vq~1GPmD00
23752      C2015 01 16.08295 11 47 59.54 +01 01 11.9          19.5 Vq~1GQaD00
71467      C2015 01 16.08295 11 45 23.72 +02 08 10.2          19.1 Vq~1GTgD00
D9102      C2015 01 16.08295 11 47 30.69 +02 34 40.4          19.5 Vq~1GXaD00
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B9357      C2015 01 16.08561 11 49 14.59 -02 10 39.9          19.6 Vq~1GWaD00
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53268      C2015 01 16.08697 11 55 37.15 +04 06 54.8          20.4 Vq~1GSbD00
55191      C2015 01 16.08697 11 51 28.24 +04 20 11.5          19.3 Vq~1GSjD00
77872      C2015 01 16.08697 11 55 34.99 +03 46 50.4          20.2 Vq~1GUDD00
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58760      C2015 01 16.08830 11 51 41.75 +01 14 10.0          19.9 Vq~1GSvD00
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29387	C2015 01 16.08962 11 57 19.24 +00 45 07.2	18.7	Vq~1GQzD00	03092	C2015 01 18.71149 03 04 46.88 +29 06 42.4	17.4	Vq~1Gy7D00
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48762	C2015 01 16.08962 11 55 06.82 +00 46 59.0	19.9	Vq~1GSID00	14984	C2015 01 18.71149 03 04 26.09 +29 41 36.4	18.4	Vq~1H2oD00
87249	C2015 01 16.08962 11 56 21.94 +00 20 42.5	21.1	Vq~1GUiD00	34197	C2015 01 18.71149 03 02 12.36 +29 07 22.1	19.0	Vq~1H9HD00
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90475	C2015 01 16.09095 11 51 24.05 -01 30 17.1	19.3	Vq~1GUuD00	66026	C2015 01 18.71284 03 01 16.10 +28 23 49.7	19.5	Vq~1HI7D00
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01585	C2015 01 18.05308 14 20 54.04 +06 15 59.0	16.3	Vq~1GxRD00	C9327	C2015 01 18.71419 03 09 37.41 +32 40 03.5	19.9	Vq~1HViD00
04834	C2015 01 18.05431 14 24 39.07 +12 01 54.6	17.8	Vq~1GyqD00	02078	C2015 01 18.71552 03 08 47.15 +31 01 14.7	15.7	Vq~1GxeD00
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17672	C2015 01 18.08154 14 21 54.65 +08 31 11.8	19.1	Vq~1H3qD00	f4157	C2015 01 18.71685 03 15 11.24 +29 16 53.2	19.8	Vq~1HxrD00
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33724	C2015 01 18.09101 14 36 28.56 +07 47 24.3	20.9	Vq~1H98D00	D7415	C2015 01 18.71818 03 15 24.12 +27 50 24.3	20.1	Vq~1HXDD00
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01362	C2015 01 18.09591 14 44 11.96 +09 08 47.2	18.8	Vq~1GxKD00	03092	C2015 01 18.72218 03 04 47.03 +29 06 41.6	17.3	Vq~1Gy7D00
R0387	C2015 01 18.09591 14 41 22.03 +09 15 12.2	20.9	Vq~1HoFD00	07887	C2015 01 18.72218 03 06 38.69 +29 51 39.3	16.9	Vq~1H0AD00
31335	C2015 01 18.09714 14 41 14.40 +06 13 35.1	19.0	Vq~1H8OD00	14984	C2015 01 18.72218 03 04 26.35 +29 41 36.7	18.5	Vq~1H2oD00
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37368	C2015 01 18.10206 14 38 16.94 +06 48 58.3	20.2	Vq~1HAED00	S3831	C2015 01 18.72218 03 06 15.80 +30 07 35.8	19.8	Vq~1HptD00
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01362	C2015 01 18.10576 14 44 12.41 +09 08 48.4	18.8	Vq~1GxKD00	66026	C2015 01 18.72351 03 01 16.48 +28 23 48.6	20.0	Vq~1HI7D00
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31335	C2015 01 18.10697 14 41 14.92 +06 13 36.0	20.0	Vq~1H8OD00	88454	C2015 01 18.72351 03 06 32.62 +28 06 14.3	20.6	Vq~1HNnD00
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37368	C2015 01 18.11191 14 38 17.47 +06 49 03.2	20.4	Vq~1HAED00	79846	C2015 01 18.72486 03 15 03.51 +32 15 39.9	19.0	Vq~1HM3D00
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01063	C2015 01 23.13419 13 35 32.64 -02 16 37.2	14.9 Vq~1I6iD00	08027	C2015 01 23.70986 00 25 42.49 +08 45 59.3	19.9 Vq~1I7iD00
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01063	C2015 01 23.14678 13 35 33.37 -02 16 39.1	14.9 Vq~1I6iD00	55039	C2015 01 23.72677 01 10 22.98 +21 25 01.4	19.5 Vq~1ICcD00
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02842	C2015 01 23.66819 00 20 22.30 +13 49 18.4	17.4 Vq~1I71D00	51258	C2015 01 23.72677 01 07 32.66 +19 59 08.3	18.5 Vq~1ICFD00
15532	C2015 01 23.66819 00 18 53.86 +13 47 17.6	19.0 Vq~1I8aD00	38047	C2015 01 23.72677 01 10 18.99 +21 20 16.0	18.0 Vq~1IAvD00
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82348	C2015 01 23.67088 00 22 16.74 +10 56 51.0	20.0 Vq~1IFADD00	40229	C2015 01 23.72813 01 12 10.12 +18 19 43.8	19.9 Vq~1IB8D00
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35264	C2015 01 23.67221 00 23 34.70 +08 41 29.4	20.0 Vq~1IAgD00	57629	C2015 01 23.72946 01 10 18.93 +18 08 11.6	19.4 Vq~1ICoD00
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58003	C2015 01 23.67356 00 25 35.51 +13 54 38.1	19.5 Vq~1ICqD00	05799	C2015 01 23.73079 01 13 26.01 +15 20 41.1	18.3 Vq~1I7PD00
B4536	C2015 01 23.67356 00 28 56.85 +13 43 38.2	20.3 Vq~1IHuD00	00389	C2015 01 23.73079 01 08 45.59 +14 52 22.4	12.8 Vq~1I6aD00
01996	C2015 01 23.67490 00 28 10.94 +11 44 58.6	16.6 Vq~1I6sD00	44519	C2015 01 23.73481 01 01 32.76 +16 55 36.2	18.9 Vq~1IBYD00
13005	C2015 01 23.67625 00 28 33.18 +10 28 55.3	19.5 Vq~1I8HD00	23778	C2015 01 23.73481 01 00 55.30 +16 42 29.9	18.4 Vq~1I9UD00
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26088	C2015 01 23.67894 00 18 21.29 +14 06 13.4	19.3 Vq~1I91D00	21557	C2015 01 23.73617 01 06 05.82 +16 01 33.9	18.3 Vq~1I9FD00
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15532	C2015 01 23.67894 00 18 54.61 +13 47 20.2	19.8 Vq~1I8aD00	24281	C2015 01 23.73617 00 59 59.55 +16 04 43.5	19.2 Vq~1I9XD00
14685	C2015 01 23.68028 00 22 26.05 +12 46 32.0	20.2 Vq~1I8TD00	55039	C2015 01 23.73752 01 10 23.93 +21 25 03.4	19.6 Vq~1ICcD00
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02390	C2015 01 23.68163 00 17 59.68 +11 15 12.1	18.1 Vq~1I6wD00	51258	C2015 01 23.73752 01 07 33.81 +19 59 12.7	17.7 Vq~1ICFD00
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74123	C2015 01 23.69105 00 19 05.74 +13 00 13.7	20.1 Vq~1IECD00	23778	C2015 01 23.74559 01 00 56.11 +16 42 32.8	18.3 Vq~1I9UD00
14685	C2015 01 23.69105 00 22 26.80 +12 46 35.0	20.4 Vq~1I8TD00	32780	C2015 01 23.74559 01 04 25.83 +17 17 37.1	18.6 Vq~1IASD00
82348	C2015 01 23.69238 00 22 19.07 +10 57 03.8	19.6 Vq~1IFADD00	07602	C2015 01 23.74559 01 04 10.62 +17 12 29.3	18.4 Vq~1I7fD00
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35264	C2015 01 23.69374 00 23 36.67 +08 41 41.7	19.7 Vq~1IAgD00	21557	C2015 01 23.74692 01 06 06.41 +16 01 35.9	18.2 Vq~1I9FD00
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B4536	C2015 01 23.69509 00 28 58.83 +13 43 50.0	19.6 Vq~1IHuD00	55039	C2015 01 23.74830 01 10 24.82 +21 25 06.4	19.0 Vq~1ICcD00
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37287     C2015 01 24.01552 13 30 35.93 +04 54 50.6          18.5 Vq~1IArD00
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04946     C2015 01 24.01801 13 39 26.81 +09 24 54.4          18.1 Vq~1I7JD00
25889     C2015 01 24.01924 13 39 31.27 +07 34 36.1          19.3 Vq~1I9jD00
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17789    C2015 01 30.08299 15 00 18.29 -13 02 12.2    18.8 Vq~1I8qD00
13542    C2015 01 30.08299 15 03 53.40 -13 28 13.2    18.6 Vq~1I8LD00
05586    C2015 01 30.08299 15 01 37.41 -14 35 29.4    17.4 Vq~1I7ND00
05366    C2015 01 30.08299 15 04 34.37 -14 15 30.2    18.9 Vq~1I7MD00
11162    C2015 01 30.08299 15 04 08.84 -14 13 15.3    19.8 Vq~1I85D00
06494    C2015 01 30.08299 15 02 23.49 -13 06 37.5    19.1 Vq~1I7VD00
06457    C2015 01 30.08299 15 00 59.38 -14 02 31.8    19.3 Vq~1I7VD00
04806    C2015 01 30.08299 15 03 51.40 -14 14 41.8    18.5 Vq~1I7ID00
03887    C2015 01 30.08299 15 03 51.32 -14 01 15.9    19.1 Vq~1I7AD00
02073    C2015 01 30.08299 15 00 21.29 -14 23 34.7    18.4 Vq~1I6sD00
11922    C2015 01 30.08299 14 59 36.44 -13 05 30.8    19.2 Vq~1I8AD00
28712    C2015 01 30.08432 15 01 07.58 -15 06 31.6    20.0 Vq~1IA3D00
93244    C2015 01 30.08432 15 01 37.88 -15 57 50.6    19.4 Vq~1IG5D00
62300    C2015 01 30.08432 15 03 33.49 -15 26 13.1    19.4 Vq~1IDAD00
60268    C2015 01 30.08432 15 00 20.09 -14 47 40.3    19.6 Vq~1ID1D00
47053    C2015 01 30.08432 15 00 16.32 -14 56 46.6    19.2 Vq~1IBpD00
10209    C2015 01 30.08432 15 05 10.90 -16 28 13.7    20.7 Vq~1I7xD00
10102    C2015 01 30.08432 15 01 33.59 -15 25 41.3    19.8 Vq~1I7xD00
01986    C2015 01 30.08432 15 01 08.65 -15 01 45.9    19.1 Vq~1I6sD00
03123    C2015 01 30.08432 15 02 39.92 -15 07 46.3    19.5 Vq~1I73D00
04643    C2015 01 30.08432 15 03 54.47 -15 24 48.9    18.7 Vq~1I7GD00
07269    C2015 01 30.08432 15 06 15.34 -15 02 06.2    19.3 Vq~1I7cD00
55120    C2015 01 30.08567 14 54 45.58 -10 11 18.2    20.2 Vq~1ICcD00
19482    C2015 01 30.08567 14 53 17.42 -10 43 03.8    19.9 Vq~1I90D00
24730    C2015 01 30.08700 14 55 03.73 -11 37 49.3    19.7 Vq~1I9ZD00
51981    C2015 01 30.08700 14 57 29.77 -12 32 49.1    18.9 Vq~1ICLD00
38575    C2015 01 30.08700 14 53 34.57 -12 20 01.5    18.4 Vq~1IAyD00
56456    C2015 01 30.08700 14 56 10.41 -11 52 40.4    19.6 Vq~1ICjD00
17022    C2015 01 30.08700 14 54 52.61 -12 26 53.3    19.4 Vq~1I8mD00
19707    C2015 01 30.08700 14 54 45.40 -12 19 25.1    19.3 Vq~1I91D00
02132    C2015 01 30.08700 14 55 20.53 -11 25 21.9    17.3 Vq~1I6tD00
63699    C2015 01 30.08833 14 59 30.98 -13 55 53.2    19.6 Vq~1IDHD00
17755    C2015 01 30.08833 14 56 16.12 -14 38 04.8    19.1 Vq~1I8qD00
21473    C2015 01 30.08833 14 53 36.39 -13 15 34.2    20.1 Vq~1I9ED00
06483    C2015 01 30.08833 14 54 21.65 -14 20 04.9    19.8 Vq~1I7VD00
07172    C2015 01 30.08833 14 57 48.36 -13 20 01.8    18.5 Vq~1I7bD00
05997    C2015 01 30.08833 14 57 17.69 -13 26 06.9    19.1 Vq~1I7RD00
01004    C2015 01 30.08833 14 54 47.42 -14 03 32.8    16.2 Vq~1I6hD00
18433    C2015 01 30.08966 14 55 21.45 -16 26 10.7    18.9 Vq~1I8tD00
09352    C2015 01 30.08966 14 56 10.90 -15 52 28.8    18.1 Vq~1I7sD00
01443    C2015 01 30.08966 14 57 40.36 -15 46 08.9    16.9 Vq~1I6mD00
02597    C2015 01 30.08966 14 58 02.68 -15 45 36.2    18.4 Vq~1I6yD00
01202    C2015 01 30.08966 14 57 43.60 -15 56 05.2    17.2 Vq~1I6kD00
05002    C2015 01 30.08966 14 53 13.32 -14 47 04.5    19.1 Vq~1I7JD00
02298    C2015 01 30.08966 14 59 05.54 -16 16 39.4    18.3 Vq~1I6vD00
24310    C2015 01 30.09102 14 59 47.11 -10 35 01.3    19.4 Vq~1I9XD00
51879    C2015 01 30.09102 15 02 58.26 -10 01 28.6    19.6 Vq~1ICKD00
50403    C2015 01 30.09102 15 05 02.71 -09 37 34.2    18.5 Vq~1ICBD00
48999    C2015 01 30.09102 15 04 53.72 -11 01 44.9    19.7 Vq~1IC2D00
50098    C2015 01 30.09102 15 03 01.11 -09 52 01.8    18.9 Vq~1IC9D00
15694    C2015 01 30.09102 15 02 56.93 -10 07 31.3    19.0 Vq~1I8bD00
10930    C2015 01 30.09102 15 03 07.95 -09 47 47.1    19.4 Vq~1I83D00
09034    C2015 01 30.09102 15 03 46.42 -11 06 32.7    17.7 Vq~1I7qD00
29337    C2015 01 30.09235 15 02 33.06 -12 59 50.9    19.5 Vq~1IA6D00
17515    C2015 01 30.09235 15 01 21.06 -12 52 17.0    19.2 Vq~1I8oD00
12779    C2015 01 30.09235 15 01 49.21 -12 11 00.9    19.6 Vq~1I8FD00
09061    C2015 01 30.09235 15 04 19.30 -12 17 27.2    19.0 Vq~1I7qD00
06269    C2015 01 30.09235 15 06 30.51 -12 35 48.6    19.3 Vq~1I7TD00
05032    C2015 01 30.09235 15 06 10.61 -12 26 29.9    19.0 Vq~1I7JD00
93744    C2015 01 30.09235 15 04 10.25 -11 17 55.6    20.5 Vq~1IGAD00
63699    C2015 01 30.09370 14 59 31.16 -13 55 54.9    19.8 Vq~1IDHD00
31179    C2015 01 30.09370 15 04 01.99 -14 18 23.8    19.2 Vq~1IAID00
38134    C2015 01 30.09370 15 03 10.32 -13 35 17.8    19.5 Vq~1IAwD00
29596    C2015 01 30.09370 15 01 57.88 -13 11 55.2    20.1 Vq~1IA8D00
20323    C2015 01 30.09370 15 00 06.92 -14 23 44.8    19.5 Vq~1I95D00
17789    C2015 01 30.09370 15 00 19.18 -13 02 12.3    18.6 Vq~1I8qD00
13542    C2015 01 30.09370 15 03 54.07 -13 28 17.1    19.0 Vq~1I8LD00
05586    C2015 01 30.09370 15 01 38.48 -14 35 32.7    17.4 Vq~1I7ND00
05366    C2015 01 30.09370 15 04 35.23 -14 15 32.4    19.2 Vq~1I7MD00
11162    C2015 01 30.09370 15 04 09.34 -14 13 17.0    20.0 Vq~1I85D00
06494    C2015 01 30.09370 15 02 24.24 -13 06 38.9    18.7 Vq~1I7VD00
06457    C2015 01 30.09370 15 00 59.93 -14 02 33.9    19.1 Vq~1I7VD00
04806    C2015 01 30.09370 15 03 52.22 -14 14 43.7    18.6 Vq~1I7ID00
03887    C2015 01 30.09370 15 03 51.84 -14 01 16.5    19.4 Vq~1I7AD00
02073    C2015 01 30.09370 15 00 21.89 -14 23 36.6    18.3 Vq~1I6sD00
11922    C2015 01 30.09370 14 59 37.04 -13 05 34.0    19.4 Vq~1I8AD00
28712    C2015 01 30.09503 15 01 08.11 -15 06 33.6    19.6 Vq~1IA3D00
93244    C2015 01 30.09503 15 01 38.68 -15 57 53.0    19.8 Vq~1IG5D00
60268    C2015 01 30.09503 15 00 20.47 -14 47 44.3    19.6 Vq~1ID1D00
47053    C2015 01 30.09503 15 00 17.18 -14 56 49.9    20.3 Vq~1IBpD00
10209    C2015 01 30.09503 15 05 11.54 -16 28 17.6    20.9 Vq~1I7xD00
10102    C2015 01 30.09503 15 01 34.63 -15 25 44.7    19.0 Vq~1I7xD00
03123    C2015 01 30.09503 15 02 40.57 -15 07 48.0    18.9 Vq~1I73D00
04643    C2015 01 30.09503 15 03 55.41 -15 24 52.5    18.6 Vq~1I7GD00
07269    C2015 01 30.09503 15 06 15.90 -15 02 06.9    19.3 Vq~1I7cD00
01986    C2015 01 30.09503 15 01 09.01 -15 01 46.9    18.6 Vq~1I6sD00
55120    C2015 01 30.09639 14 54 46.22 -10 11 18.3    20.0 Vq~1ICcD00
19482    C2015 01 30.09639 14 53 18.12 -10 43 07.5    20.1 Vq~1I90D00
24271    C2015 01 30.09639 14 53 35.30 -10 27 14.7    19.4 Vq~1I9XD00
24730    C2015 01 30.09775 14 55 04.39 -11 37 52.0    19.4 Vq~1I9ZD00
51981    C2015 01 30.09775 14 57 30.31 -12 32 52.8    19.4 Vq~1ICLD00
38575    C2015 01 30.09775 14 53 35.29 -12 20 06.2    18.1 Vq~1IAyD00
56456    C2015 01 30.09775 14 56 11.19 -11 52 44.0    20.1 Vq~1ICjD00
17022    C2015 01 30.09775 14 54 53.38 -12 26 56.5    19.3 Vq~1I8mD00
19707    C2015 01 30.09775 14 54 45.97 -12 19 27.4    18.9 Vq~1I91D00
02132    C2015 01 30.09775 14 55 21.02 -11 25 23.7    17.2 Vq~1I6tD00
63699    C2015 01 30.09909 14 59 31.49 -13 55 56.4    20.0 Vq~1IDHD00
17755    C2015 01 30.09909 14 56 16.72 -14 38 06.8    18.6 Vq~1I8qD00
06483    C2015 01 30.09909 14 54 22.24 -14 20 05.7    19.7 Vq~1I7VD00
07172    C2015 01 30.09909 14 57 49.21 -13 20 04.6    18.6 Vq~1I7bD00
05997    C2015 01 30.09909 14 57 18.32 -13 26 09.9    18.7 Vq~1I7RD00
01004    C2015 01 30.09909 14 54 47.79 -14 03 34.0    16.2 Vq~1I6hD00
49170    C2015 01 30.10044 14 58 59.68 -15 02 53.2    20.1 Vq~1IC3D00
18433    C2015 01 30.10044 14 55 22.29 -16 26 16.5    19.9 Vq~1I8tD00
09352    C2015 01 30.10044 14 56 11.69 -15 52 31.4    18.2 Vq~1I7sD00
01443    C2015 01 30.10044 14 57 40.94 -15 46 11.0    16.9 Vq~1I6mD00
02597    C2015 01 30.10044 14 58 03.01 -15 45 38.3    18.5 Vq~1I6yD00
01202    C2015 01 30.10044 14 57 43.92 -15 56 06.6    17.1 Vq~1I6kD00
05002    C2015 01 30.10044 14 53 14.36 -14 47 08.4    19.6 Vq~1I7JD00
02298    C2015 01 30.10044 14 59 06.21 -16 16 41.4    18.3 Vq~1I6vD00
24310    C2015 01 30.10179 14 59 47.75 -10 35 03.1    20.1 Vq~1I9XD00
51879    C2015 01 30.10179 15 02 58.89 -10 01 29.9    19.6 Vq~1ICKD00
50403    C2015 01 30.10179 15 05 03.27 -09 37 38.3    18.3 Vq~1ICBD00
50098    C2015 01 30.10179 15 03 01.73 -09 52 02.5    18.8 Vq~1IC9D00
48999    C2015 01 30.10179 15 04 54.41 -11 01 46.3    19.8 Vq~1IC2D00
15694    C2015 01 30.10179 15 02 57.57 -10 07 31.9    18.9 Vq~1I8bD00
10930    C2015 01 30.10179 15 03 08.56 -09 47 47.3    18.9 Vq~1I83D00
09034    C2015 01 30.10179 15 03 47.10 -11 06 33.4    17.7 Vq~1I7qD00
29337    C2015 01 30.10313 15 02 34.05 -12 59 52.8    18.6 Vq~1IA6D00
17515    C2015 01 30.10313 15 01 21.85 -12 52 20.0    18.8 Vq~1I8oD00
12779    C2015 01 30.10313 15 01 49.70 -12 11 01.8    20.2 Vq~1I8FD00
09061    C2015 01 30.10313 15 04 19.95 -12 17 29.8    19.3 Vq~1I7qD00
06269    C2015 01 30.10313 15 06 31.30 -12 35 50.0    19.5 Vq~1I7TD00
05032    C2015 01 30.10313 15 06 11.16 -12 26 29.9    19.3 Vq~1I7JD00
63699    C2015 01 30.10448 14 59 31.70 -13 55 57.9    20.3 Vq~1IDHD00
29596    C2015 01 30.10448 15 01 58.42 -13 11 53.8    19.7 Vq~1IA8D00
20323    C2015 01 30.10448 15 00 07.61 -14 23 47.8    19.8 Vq~1I95D00
17789    C2015 01 30.10448 15 00 20.06 -13 02 12.9    18.7 Vq~1I8qD00
05586    C2015 01 30.10448 15 01 39.55 -14 35 36.0    17.2 Vq~1I7ND00
05366    C2015 01 30.10448 15 04 36.04 -14 15 35.1    19.4 Vq~1I7MD00
13542    C2015 01 30.10448 15 03 54.67 -13 28 20.1    18.9 Vq~1I8LD00
11162    C2015 01 30.10448 15 04 09.96 -14 13 19.0    19.9 Vq~1I85D00
06494    C2015 01 30.10448 15 02 24.97 -13 06 41.5    19.5 Vq~1I7VD00
06457    C2015 01 30.10448 15 01 00.42 -14 02 35.2    19.1 Vq~1I7VD00
03887    C2015 01 30.10448 15 03 52.42 -14 01 16.5    19.7 Vq~1I7AD00
02073    C2015 01 30.10448 15 00 22.49 -14 23 38.6    18.5 Vq~1I6sD00
11922    C2015 01 30.10448 14 59 37.79 -13 05 37.1    19.2 Vq~1I8AD00
28712    C2015 01 30.10582 15 01 08.84 -15 06 37.0    19.5 Vq~1IA3D00
62300    C2015 01 30.10582 15 03 34.48 -15 26 19.9    19.4 Vq~1IDAD00
60268    C2015 01 30.10582 15 00 20.91 -14 47 46.8    20.3 Vq~1ID1D00
47053    C2015 01 30.10582 15 00 17.86 -14 56 52.4    20.0 Vq~1IBpD00
10209    C2015 01 30.10582 15 05 12.05 -16 28 18.7    19.3 Vq~1I7xD00
10102    C2015 01 30.10582 15 01 35.69 -15 25 48.8    19.3 Vq~1I7xD00
03123    C2015 01 30.10582 15 02 41.24 -15 07 50.7    18.7 Vq~1I73D00
04643    C2015 01 30.10582 15 03 56.31 -15 24 55.9    18.5 Vq~1I7GD00
07269    C2015 01 30.10582 15 06 16.40 -15 02 09.0    18.9 Vq~1I7cD00
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01986	C2015 01 30.10582 15 01 09.45 -15 01 48.5	18.6 Vq~1I6sD00
55120	C2015 01 30.10718 14 54 46.82 -10 11 17.6	19.9 Vq~1ICcD00
19482	C2015 01 30.10718 14 53 18.73 -10 43 10.3	19.4 Vq~1I90D00
24271	C2015 01 30.10718 14 53 35.81 -10 27 15.9	20.4 Vq~1I9XD00
24730	C2015 01 30.10851 14 55 05.00 -11 37 55.1	19.3 Vq~1I9aD00
51981	C2015 01 30.10851 14 57 30.72 -12 32 56.1	19.7 Vq~1ICLD00
38575	C2015 01 30.10851 14 53 36.00 -12 20 10.9	18.6 Vq~1IAyD00
56456	C2015 01 30.10851 14 56 12.07 -11 52 47.3	20.4 Vq~1ICjD00
17022	C2015 01 30.10851 14 54 54.12 -12 26 58.5	20.5 Vq~1I8mD00
19707	C2015 01 30.10851 14 54 46.61 -12 19 29.8	19.2 Vq~1I91D00
02132	C2015 01 30.10851 14 55 21.57 -11 25 25.7	17.3 Vq~1I6tD00
63699	C2015 01 30.10986 14 59 31.79 -13 55 59.2	20.5 Vq~1IDHD00
17755	C2015 01 30.10986 14 56 17.40 -14 38 10.5	18.6 Vq~1I8qD00
21473	C2015 01 30.10986 14 53 37.92 -13 15 39.3	19.9 Vq~1I9ED00
06483	C2015 01 30.10986 14 54 22.96 -14 20 09.1	19.4 Vq~1I7VD00
07172	C2015 01 30.10986 14 57 50.17 -13 20 08.4	18.5 Vq~1I7bD00
05997	C2015 01 30.10986 14 57 18.84 -13 26 12.5	19.0 Vq~1I7RD00
01004	C2015 01 30.10986 14 54 48.26 -14 03 35.5	16.3 Vq~1I6hD00
49170	C2015 01 30.11119 14 59 00.47 -15 02 56.0	19.4 Vq~1IC3D00
18433	C2015 01 30.11119 14 55 23.08 -16 26 23.0	19.1 Vq~1I8tD00
09352	C2015 01 30.11119 14 56 12.54 -15 52 33.9	18.1 Vq~1I7sD00
05002	C2015 01 30.11119 14 53 15.24 -14 47 12.6	19.4 Vq~1I7JD00
01443	C2015 01 30.11119 14 57 41.50 -15 46 13.1	16.8 Vq~1I6mD00
02597	C2015 01 30.11119 14 58 03.53 -15 45 39.9	18.4 Vq~1I6yD00
01202	C2015 01 30.11119 14 57 44.22 -15 56 07.9	17.3 Vq~1I6kD00
02298	C2015 01 30.11119 14 59 06.88 -16 16 43.2	18.4 Vq~1I6vD00
24310	C2015 01 30.11255 14 59 48.14 -10 35 05.6	19.6 Vq~1I9XD00
51879	C2015 01 30.11255 15 02 59.30 -10 01 32.8	19.9 Vq~1ICKD00
50403	C2015 01 30.11255 15 05 03.80 -09 37 42.6	18.6 Vq~1ICBD00
50098	C2015 01 30.11255 15 03 02.36 -09 52 04.6	19.3 Vq~1IC9D00
48999	C2015 01 30.11255 15 04 55.20 -11 01 45.9	19.7 Vq~1IC2D00
15694	C2015 01 30.11255 15 02 58.15 -10 07 31.6	19.1 Vq~1I8bD00
10930	C2015 01 30.11255 15 03 09.08 -09 47 46.7	19.7 Vq~1I83D00
09034	C2015 01 30.11255 15 03 47.85 -11 06 34.1	18.0 Vq~1I7qD00
29337	C2015 01 30.11390 15 02 35.17 -12 59 55.4	18.7 Vq~1IA6D00
17515	C2015 01 30.11390 15 01 22.64 -12 52 22.9	18.8 Vq~1I8oD00
12779	C2015 01 30.11390 15 01 50.23 -12 11 03.0	19.8 Vq~1I8FD00
09061	C2015 01 30.11390 15 04 20.70 -12 17 32.0	19.2 Vq~1I7qD00
06269	C2015 01 30.11390 15 06 31.96 -12 35 51.8	19.9 Vq~1I7TD00
05032	C2015 01 30.11390 15 06 11.64 -12 26 31.1	19.3 Vq~1I7JD00
93744	C2015 01 30.11390 15 04 11.69 -11 18 04.7	19.6 Vq~1IGADD0
63699	C2015 01 30.11523 14 59 32.22 -13 56 00.7	20.3 Vq~1IDHD00
38134	C2015 01 30.11523 15 03 11.80 -13 35 23.9	19.2 Vq~1IAwD00
31179	C2015 01 30.11523 15 04 03.59 -14 18 28.3	20.2 Vq~1IAIDD0
29596	C2015 01 30.11523 15 01 58.92 -13 11 54.5	19.6 Vq~1IA8D00
20323	C2015 01 30.11523 15 00 08.46 -14 23 51.7	21.0 Vq~1I95D00
17789	C2015 01 30.11523 15 00 20.94 -13 02 13.5	18.7 Vq~1I8qD00
05586	C2015 01 30.11523 15 01 40.65 -14 35 39.1	17.5 Vq~1I7NDD0
05366	C2015 01 30.11523 15 04 36.96 -14 15 37.0	20.5 Vq~1I7MD00
13542	C2015 01 30.11523 15 03 55.49 -13 28 23.6	18.9 Vq~1I8LD00
06494	C2015 01 30.11523 15 02 25.56 -13 06 43.9	19.4 Vq~1I7VD00
06457	C2015 01 30.11523 15 01 01.13 -14 02 37.2	19.7 Vq~1I7VD00
04806	C2015 01 30.11523 15 03 53.90 -14 14 47.5	18.5 Vq~1I7ID00
03887	C2015 01 30.11523 15 03 53.09 -14 01 18.8	19.4 Vq~1I7AD00
11922	C2015 01 30.11523 14 59 38.46 -13 05 39.9	19.1 Vq~1I8AD00
11162	C2015 01 30.11523 15 04 10.56 -14 13 20.5	19.8 Vq~1I85D00
02073	C2015 01 30.11523 15 00 23.02 -14 23 40.8	18.9 Vq~1I6sD00
28712	C2015 01 30.11659 15 01 09.39 -15 06 37.8	20.1 Vq~1IA3D00
93244	C2015 01 30.11659 15 01 40.32 -15 58 01.9	18.8 Vq~1IG5D00
62300	C2015 01 30.11659 15 03 35.04 -15 26 23.8	20.0 Vq~1IDAD00
60268	C2015 01 30.11659 15 00 21.46 -14 47 49.3	20.6 Vq~1ID1D00
47053	C2015 01 30.11659 15 00 18.53 -14 56 54.7	20.2 Vq~1IBpD00
10209	C2015 01 30.11659 15 05 12.60 -16 28 22.6	19.8 Vq~1I7xD00
10102	C2015 01 30.11659 15 01 36.66 -15 25 51.6	19.1 Vq~1I7xD00
03123	C2015 01 30.11659 15 02 41.91 -15 07 53.0	18.7 Vq~1I73D00
04643	C2015 01 30.11659 15 03 57.23 -15 24 59.2	18.0 Vq~1I7GD00
07269	C2015 01 30.11659 15 06 16.87 -15 02 11.7	18.9 Vq~1I7cD00
01986	C2015 01 30.11659 15 01 09.86 -15 01 49.9	18.6 Vq~1I6sD00

ISON-NM (H15)

01986	C2015 01 30.11659 15 01 09.86 -15 01 49.9	18.6 Vq~1I6sD00
05690	C2015 01 04.34963 01 55 14.30 +69 18 21.3	16.0 Ro~1GHgH15
05690	C2015 01 04.36081 01 55 15.57 +69 18 15.2	16.1 Ro~1GHgH15
05690	C2015 01 04.37166 01 55 16.93 +69 18 08.9	16.2 Ro~1GHgH15
00815	C2015 01 05.07063 02 01 17.73 +11 12 31.3	15.1 Ro~1GHMH15
02276	C2015 01 05.07063 01 58 20.53 +11 10 12.1	17.6 Ro~1GHTH15
03176	C2015 01 05.07063 02 00 06.46 +11 29 39.1	16.1 Ro~1GHXH15
08359	C2015 01 05.07063 01 57 06.11 +10 13 18.2	18.1 Ro~1GHmH15
10015	C2015 01 05.07063 02 00 36.14 +11 20 21.5	17.9 Ro~1GHoH15
10898	C2015 01 05.07063 02 02 52.74 +10 54 10.9	18.5 Ro~1GHrH15
12388	C2015 01 05.07063 01 58 41.89 +10 38 41.9	18.0 Ro~1GHuH15
17491	C2015 01 05.07063 02 02 07.16 +11 26 30.1	17.9 Ro~1GI3H15
23659	C2015 01 05.07063 01 58 46.90 +10 09 15.7	19.3 Ro~1GIDH15
34126	C2015 01 05.07063 01 56 50.07 +10 47 49.7	19.2 Ro~1GIRH15
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B6352	C2015 01 07.10812 04 04 36.47 +15 10 48.7	18.8 Ro~1GJdH15
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G9062	C2015 01 07.11468 03 57 21.92 +19 51 25.0	20.0 Ro~1GK4H15
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67366	C2015 01 07.11965 04 03 35.19 +14 55 18.7	17.8 Ro~1GIzH15
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75718	C2015 01 07.12213 03 55 49.58 +21 57 20.5	18.7 Ro~1GJ9H15
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J1169	C2015 01 07.12213 04 00 53.54 +22 13 49.7	18.7 Ro~1GKEH15
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39254	C2015 01 07.12550 04 01 31.31 +19 30 58.7	18.8 Ro~1GIXH15
39527	C2015 01 07.12550 03 54 15.19 +20 03 58.4	19.1 Ro~1GIYH15
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C6037	C2015 01 07.12550 03 56 58.73 +20 00 03.8	19.6 Ro~1GJiH15
C8233	C2015 01 07.12550 03 59 25.17 +20 33 55.5	19.8 Ro~1GJjH15
G9062	C2015 01 07.12550 03 57 21.62 +19 51 25.0	19.4 Ro~1GK4H15
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42855	C2015 01 07.12802 04 05 01.40 +13 07 45.2	18.3 Ro~1GIcH15
45230	C2015 01 07.12802 04 04 29.02 +12 30 30.1	17.6 Ro~1GIeH15
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01582	C2015 01 07.13057 04 03 53.93 +15 19 51.0	16.7 Ro~1GHQH15
14350	C2015 01 07.13057 04 06 46.62 +14 43 54.9	18.6 Ro~1GHxH15
15496	C2015 01 07.13057 04 06 26.20 +14 10 53.5	17.3 Ro~1GHzH15
24393	C2015 01 07.13057 04 02 05.97 +14 42 53.0	18.7 Ro~1GIEH15
34452	C2015 01 07.13057 04 08 27.92 +14 50 31.7	18.8 Ro~1GIRH15
52579	C2015 01 07.13057 04 03 13.40 +14 47 46.0	18.9 Ro~1GI1H15
53136	C2015 01 07.13057 04 07 06.98 +15 21 57.4	18.7 Ro~1GI1H15
67366	C2015 01 07.13057 04 03 35.04 +14 55 10.9	17.9 Ro~1GIzH15
71929	C2015 01 07.13057 04 06 15.86 +14 55 37.2	18.1 Ro~1GJ4H15
77819	C2015 01 07.13057 04 08 22.64 +14 47 52.4	18.7 Ro~1GJBH15
A8709	C2015 01 07.13057 04 05 51.41 +14 04 20.0	18.9 Ro~1GJXH15
B6087	C2015 01 07.13057 04 01 57.98 +14 27 11.2	18.2 Ro~1GJcH15
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D3383	C2015 01 07.13057 04 05 56.69 +14 29 05.5	19.2 Ro~1GJnH15
00596	C2015 01 07.13312 03 57 06.69 +21 20 29.6	14.3 Ro~1GHKH15
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04637	C2015 01 07.13312 03 59 00.40 +21 09 41.7	18.1 Ro~1GHcH15
10826	C2015 01 07.13312 03 58 09.89 +21 06 28.7	17.1 Ro~1GHqH15
11719	C2015 01 07.13312 04 00 03.85 +21 11 24.9	18.7 Ro~1GHsH15
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41316	C2015 01 07.13659 04 00 55.98 +23 44 41.0	18.4 Ro~lGIaH15	10372	C2015 01 07.16112 03 55 47.11 +24 09 10.0	17.8 Ro~lGHpH15
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01173	C2015 01 07.13920 03 58 15.10 +25 06 25.6	16.7 Ro~lGHOH15	15050	C2015 01 07.16112 03 56 00.09 +24 55 25.8	18.4 Ro~lGHzH15
06132	C2015 01 07.13920 04 00 01.34 +24 44 12.4	18.4 Ro~lGHhH15	16700	C2015 01 07.16112 03 55 59.67 +24 22 45.6	18.1 Ro~lGI2H15
08116	C2015 01 07.13920 03 55 19.56 +25 13 17.0	18.0 Ro~lGH1H15	20151	C2015 01 07.16112 03 59 12.27 +24 40 38.0	18.5 Ro~lGI7H15
10372	C2015 01 07.13920 03 55 47.74 +24 09 10.2	17.9 Ro~lGHpH15	20798	C2015 01 07.16112 03 57 28.46 +25 44 16.5	18.5 Ro~lGI8H15
11402	C2015 01 07.13920 03 55 00.60 +25 35 24.7	18.9 Ro~lGHsH15	25855	C2015 01 07.16112 03 55 08.59 +25 16 58.8	18.4 Ro~lGIGH15
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E7303	C2015 01 07.13920 03 55 27.76 +24 27 05.1	18.9 Ro~lGJuH15	37658	C2015 01 07.16413 03 58 46.44 +26 45 58.5	19.5 Ro~lGIVH15
F9703	C2015 01 07.13920 03 57 18.38 +25 44 58.9	19.2 Ro~lGK0H15	38748	C2015 01 07.16413 03 58 41.31 +26 02 18.0	19.2 Ro~lGIXH15
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78587	C2015 01 07.14169 03 58 06.81 +26 41 31.3	18.8 Ro~lGJBH15	21011	C2015 01 07.16726 03 58 01.87 +28 50 04.8	18.1 Ro~lGI9H15
B0018	C2015 01 07.14169 03 55 08.63 +26 43 20.9	18.6 Ro~lGJYH15	40424	C2015 01 07.16726 03 58 32.11 +28 44 46.5	18.8 Ro~lGIZH15
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B6018	C2015 01 16.13786 05 20 53.76 +20 50 38.4	19.1	Ro~lGWPH15	03173	C2015 01 16.14906 05 18 45.45 +25 55 09.6	16.8	Ro~lGOvH15
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28303	C2015 01 16.14140 05 12 18.34 +25 23 24.8	17.9	Ro~lGQvH15	66110	C2015 01 16.14906 05 21 46.55 +26 11 26.9	19.5	Ro~lGTLH15
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97799	C2015 01 16.14140 05 10 36.77 +25 26 52.1	19.2	Ro~lGVGH15	Q7038	C2015 01 16.14906 05 20 53.52 +24 55 03.5	19.0	Ro~lGcuH15
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11736	C2015 01 16.15226 05 13 31.34 +24 53 02.4	17.5 Ro~lGPfH15
13412	C2015 01 16.15226 05 11 37.16 +25 49 51.9	18.4 Ro~lGPmH15
28303	C2015 01 16.15226 05 12 17.84 +25 23 21.8	18.1 Ro~lGQvH15
29819	C2015 01 16.15226 05 12 40.15 +26 03 50.2	18.0 Ro~lGR0H15
29991	C2015 01 16.15226 05 08 24.70 +25 43 58.3	19.9 Ro~lGR1H15
31912	C2015 01 16.15226 05 09 35.98 +26 01 28.4	19.9 Ro~lGR9H15
35521	C2015 01 16.15226 05 09 25.07 +25 58 45.5	19.2 Ro~lGRNH15
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58220	C2015 01 16.15226 05 08 38.59 +24 45 43.8	19.8 Ro~lGStH15
61424	C2015 01 16.15226 05 13 14.02 +26 19 20.3	19.8 Ro~lGT5H15
61888	C2015 01 16.15226 05 09 04.47 +24 57 32.8	19.6 Ro~lGT7H15
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97799	C2015 01 16.15226 05 10 36.35 +25 26 50.3	19.2 Ro~lGVGH15
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C3112	C2015 01 16.15226 05 14 28.10 +25 10 42.3	20.3 Ro~lGWmH15
C9818	C2015 01 16.15226 05 11 44.69 +24 48 57.6	19.7 Ro~lGX6H15
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07412	C2015 01 16.15482 05 19 19.45 +22 32 00.8	18.6 Ro~lGPIH15
10663	C2015 01 16.15482 05 17 27.00 +21 53 14.7	18.8 Ro~lGPZH15
30275	C2015 01 16.15482 05 17 47.84 +22 25 00.0	19.0 Ro~lGR2H15
37797	C2015 01 16.15482 05 19 25.54 +22 33 53.6	18.9 Ro~lGRXH15
41048	C2015 01 16.15482 05 19 33.76 +21 14 04.9	19.8 Ro~lGRkH15
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43906	C2015 01 16.15482 05 19 33.33 +22 02 55.1	18.6 Ro~lGRwH15
45884	C2015 01 16.15482 05 17 39.91 +21 13 47.2	19.1 Ro~lGS5H15
46675	C2015 01 16.15482 05 17 06.91 +22 21 15.0	19.6 Ro~lGS9H15
47450	C2015 01 16.15482 05 20 29.18 +21 43 36.4	18.6 Ro~lGSCH15
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54952	C2015 01 16.15482 05 21 42.80 +22 34 42.6	18.4 Ro~lGSiH15
72719	C2015 01 16.15482 05 18 25.89 +22 53 31.8	19.1 Ro~lGTnH15
80642	C2015 01 16.15482 05 20 07.39 +21 33 30.8	19.8 Ro~lGUNH15
A0054	C2015 01 16.15482 05 19 58.29 +22 18 09.1	19.2 Ro~lGVOH15
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H2861	C2015 01 16.15482 05 18 32.91 +21 39 02.2	19.9 Ro~lGZ7H15
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I4467	C2015 01 16.15482 05 19 12.87 +21 42 17.9	19.3 Ro~lGZeH15
I6243	C2015 01 16.15482 05 20 16.82 +21 33 17.2	19.3 Ro~lGZjH15
I8097	C2015 01 16.15482 05 16 34.96 +22 37 46.3	18.2 Ro~lGZoH15
M4587	C2015 01 16.15482 05 17 32.40 +22 54 50.0	19.4 Ro~lGbCH15
P0170	C2015 01 16.15482 05 21 39.73 +21 18 34.3	19.4 Ro~lGc6H15
P8334	C2015 01 16.15482 05 18 54.04 +21 27 49.6	18.9 Ro~lGcRH15
Q5767	C2015 01 16.15482 05 20 33.07 +21 51 44.0	19.5 Ro~lGcpH15
02648	C2015 01 16.15744 05 19 32.13 +23 30 17.0	16.5 Ro~lGOtH15
04481	C2015 01 16.15744 05 15 36.10 +23 19 27.7	19.2 Ro~lGP2H15
05248	C2015 01 16.15744 05 15 31.95 +23 13 49.6	18.4 Ro~lGP7H15
06641	C2015 01 16.15744 05 14 54.70 +24 24 35.5	18.2 Ro~lGPEH15
12674	C2015 01 16.15744 05 17 17.50 +24 39 53.5	18.5 Ro~lGPjH15
13104	C2015 01 16.15744 05 19 31.99 +23 00 20.4	19.2 Ro~lGP1H15
14428	C2015 01 16.15744 05 20 27.01 +24 00 57.8	18.5 Ro~lGPsH15
15935	C2015 01 16.15744 05 19 01.52 +23 10 29.1	19.2 Ro~lGQ0H15
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26921	C2015 01 16.15744 05 19 33.31 +24 38 24.3	18.6 Ro~lGQpH15
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50003	C2015 01 16.15744 05 21 03.81 +24 28 14.1	18.4 Ro~lGSOH15
52700	C2015 01 16.15744 05 19 35.48 +24 00 33.2	18.7 Ro~lGSaH15
61829	C2015 01 16.15744 05 19 40.92 +24 05 03.6	20.0 Ro~lGT7H15
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72684	C2015 01 16.15744 05 14 28.76 +24 36 25.3	20.2 Ro~lGTmH15
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73941	C2015 01 16.15744 05 21 53.45 +23 23 27.4	19.6 Ro~lGTrH15
76297	C2015 01 16.15744 05 20 21.50 +23 21 02.5	19.0 Ro~lGU4H15
86644	C2015 01 16.15744 05 19 04.04 +23 59 29.4	18.9 Ro~lGUgH15
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M2263	C2015 01 16.15744 05 19 55.45 +23 17 25.2	19.4 Ro~lGb3H15
M3830	C2015 01 16.15744 05 17 29.78 +24 36 56.1	19.4 Ro~lGb9H15
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51321	C2015 01 16.15997 05 17 52.99 +24 50 19.2	18.8 Ro~lGSUH15
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55480	C2015 01 16.15997 05 21 22.63 +25 20 06.1	19.4 Ro~lGSkH15
58006	C2015 01 16.15997 05 18 44.86 +26 21 51.2	19.1 Ro~lGStH15
58417	C2015 01 16.15997 05 16 51.18 +25 48 00.3	19.3 Ro~lGSuH15
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66110	C2015 01 16.15997 05 21 46.09 +26 11 26.1	19.4 Ro~lGTLH15
69901	C2015 01 16.15997 05 18 42.38 +25 16 52.3	19.4 Ro~lGTbH15
72588	C2015 01 16.15997 05 16 25.36 +25 16 59.1	19.7 Ro~lGTmH15
76753	C2015 01 16.15997 05 18 33.28 +25 44 15.9	19.1 Ro~lGU7H15
80444	C2015 01 16.15997 05 15 39.88 +26 18 56.8	20.1 Ro~lGUNH15
B9603	C2015 01 16.15997 05 17 43.46 +26 26 18.5	19.8 Ro~lGWcH15
C2962	C2015 01 16.15997 05 18 56.19 +25 56 11.7	20.0 Ro~lGW1H15
D4953	C2015 01 16.15997 05 18 00.12 +26 25 28.1	17.6 Ro~lGXNH15
E2172	C2015 01 16.15997 05 19 56.01 +26 04 26.9	19.9 Ro~lGXiH15
F2273	C2015 01 16.15997 05 21 35.48 +26 23 23.2	19.8 Ro~lGYDH15
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Q7371	C2015 01 16.15997 05 17 33.38 +24 45 41.5	19.3 Ro~lGcvH15
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28303	C2015 01 16.16344 05 12 17.41 +25 23 18.3	18.1 Ro~lGQvH15
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61888	C2015 01 16.16344 05 09 04.15 +24 57 31.5	19.7 Ro~lGT7H15
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05248	C2015 01 16.16853 05 15 31.44 +23 13 48.7	18.1 Ro~lGP7H15
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E2333	C2015 01 16.16853 05 17 47.67 +24 37 18.0	19.7	Ro~lGXjH15	H3300	C2015 01 16.17619 05 29 45.20 +19 47 29.8	20.2	Ro~lGZ8H15
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80444	C2015 01 16.17104 05 15 39.35 +26 18 56.8	19.8	Ro~lGUNH15	58357	C2015 01 16.17874 05 24 34.63 +23 40 46.5	18.2	Ro~lGSuH15
B9603	C2015 01 16.17104 05 17 43.11 +26 26 18.7	19.4	Ro~lGWcH15	65812	C2015 01 16.17874 05 27 38.06 +24 01 30.5	19.5	Ro~lGTKH15
C2962	C2015 01 16.17104 05 18 55.83 +25 56 11.7	19.8	Ro~lGW1H15	77911	C2015 01 16.17874 05 25 45.02 +23 11 35.6	17.4	Ro~lGUDH15
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F2273	C2015 01 16.17104 05 21 34.96 +26 23 19.4	19.7	Ro~lGYDH15	A8612	C2015 01 16.17874 05 23 05.41 +23 17 29.8	19.8	Ro~lGVrH15
H1769	C2015 01 16.17104 05 21 35.72 +26 21 37.4	19.7	Ro~lGZ4H15	B1312	C2015 01 16.17874 05 25 25.54 +24 24 26.5	18.3	Ro~lGW6H15
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Q7371	C2015 01 16.17104 05 17 32.97 +24 45 45.5	19.1	Ro~lGcvH15	C5767	C2015 01 16.17874 05 26 24.04 +24 43 04.6	19.4	Ro~lGWtH15
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19465	C2015 01 16.17366 05 24 48.21 +22 25 04.6	18.6	Ro~lGQGH15	04803	C2015 01 16.18141 05 28 51.88 +26 16 49.0	16.8	Ro~lGP4H15
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23158	C2015 01 16.17366 05 23 30.96 +21 53 38.3	18.1	Ro~lGQYH15	09462	C2015 01 16.18141 05 27 41.52 +25 00 27.4	18.0	Ro~lGPTH15
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27461	C2015 01 16.17366 05 28 37.98 +22 51 34.3	19.8	Ro~lGQrH15	11559	C2015 01 16.18141 05 29 12.83 +26 01 56.5	19.1	Ro~lGPeH15
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14660	C2015 01 16.17619 05 23 38.37 +19 35 00.1	18.7	Ro~lGPtH15	Q4610	C2015 01 16.18141 05 28 44.17 +26 10 11.5	19.0	Ro~lGckH15
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34620	C2015 01 16.17619 05 23 33.80 +21 05 10.6	19.4	Ro~lGRKH15	00263	C2015 01 16.18525 05 23 36.52 +21 35 31.5	15.4	Ro~lGObH15
39500	C2015 01 16.17619 05 26 04.29 +21 11 59.2	20.1	Ro~lGReH15	00825	C2015 01 16.18525 05 25 57.56 +22 39 48.7	14.7	Ro~lGOgH15
42293	C2015 01 16.17619 05 27 47.19 +20 27 35.2	19.4	Ro~lGRpH15	05566	C2015 01 16.18525 05 27 05.57 +21 16 46.8	17.3	Ro~lGP9H15
47964	C2015 01 16.17619 05 23 18.77 +20 42 39.3	20.0	Ro~lGSFH15	08189	C2015 01 16.18525 05 29 29.37 +21 56 09.0	17.0	Ro~lGPMH15
48958	C2015 01 16.17619 05 24 24.75 +20 12 44.8	20.1	Ro~lGSJH15	10825	C2015 01 16.18525 05 27 36.05 +21 23 28.8	18.1	Ro~lGPaH15
49492	C2015 01 16.17619 05 23 25.25 +19 50 46.8	19.9	Ro~lGSMH15	14474	C2015 01 16.18525 05 25 12.83 +21 41 44.1	19.2	Ro~lGPtH15
74778	C2015 01 16.17619 05 26 38.29 +20 50 33.1	19.8	Ro~lGTwH15	14651	C2015 01 16.18525 05 28 40.49 +22 21 25.8	18.6	Ro~lGPtH15
77923	C2015 01 16.17619 05 27 35.42 +20 09 19.4	19.9	Ro~lGUDH15	19398	C2015 01 16.18525 05 26 45.59 +21 59 47.3	18.5	Ro~lGQGH15
94883	C2015 01 16.17619 05 26 30.89 +20 34 05.7	20.0	Ro~lGV6H15	19465	C2015 01 16.18525 05 24 47.77 +22 25 03.6	18.7	Ro~lGQGH15
97510	C2015 01 16.17619 05 28 35.65 +20 06 04.6	20.3	Ro~lGVEH15	22492	C2015 01 16.18525 05 25 30.42 +22 33 04.0	19.6	Ro~lGQUH15
A2688	C2015 01 16.17619 05 28 08.33 +20 58 16.9	18.3	Ro~lGVZH15	23158	C2015 01 16.18525 05 23 30.50 +21 53 40.1	18.3	Ro~lGQYH15
A6125	C2015 01 16.17619 05 26 29.04 +20 20 36.0	20.0	Ro~lGVjH15	23682	C2015 01 16.18525 05 25 49.31 +22 48 42.9	19.2	Ro~lGQaH15
A8502	C2015 01 16.17619 05 29 24.73 +19 40 13.7	20.1	Ro~lGVrH15	27461	C2015 01 16.18525 05 28 37.57 +22 51 35.4	19.6	Ro~lGQrH15
B0293	C2015 01 16.17619 05 25 57.15 +19 42 07.2	19.8	Ro~lGW1H15	30883	C2015 01 16.18525 05 27 29.86 +22 02 15.6	19.9	Ro~lGR4H15
B3126	C2015 01 16.17619 05 25 12.77 +21 01 11.8	20.3	Ro~lGWEH15	40944	C2015 01 16.18525 05 24 02.97 +22 53 03.8	19.3	Ro~lGRkH15
C3410	C2015 01 16.17619 05 27 24.23 +19 34 22.7	18.4	Ro~lGWnH15	43388	C2015 01 16.18525 05 27 28.76 +21 19 00.9	18.4	Ro~lGRtH15
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53267	C2015 01 16.18525 05 24 44.41 +21 16 03.6	18.7	Ro~lGSbH15	30137	C2015 01 16.19288 05 27 13.91 +24 46 10.1	19.0	Ro~lGR2H15
64136	C2015 01 16.18525 05 23 26.95 +22 24 20.1	18.9	Ro~lGTEH15	44039	C2015 01 16.19288 05 22 24.70 +26 07 25.3	19.0	Ro~lGRxH15
69579	C2015 01 16.18525 05 29 21.87 +21 48 51.2	19.5	Ro~lGTZH15	46172	C2015 01 16.19288 05 23 36.66 +25 20 21.3	19.6	Ro~lGS7H15
76063	C2015 01 16.18525 05 28 36.85 +22 07 00.3	19.4	Ro~lGU3H15	49587	C2015 01 16.19288 05 27 35.72 +24 53 32.0	19.1	Ro~lGSMH15
97808	C2015 01 16.18525 05 27 28.59 +22 20 19.1	18.9	Ro~lGVGH15	64453	C2015 01 16.19288 05 27 15.97 +24 48 57.9	19.2	Ro~lGTFH15
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E4164	C2015 01 16.18525 05 25 01.93 +22 39 21.3	19.2	Ro~lGXoH15	70296	C2015 01 16.19288 05 29 50.02 +25 38 41.9	17.8	Ro~lGTdH15
F1751	C2015 01 16.18525 05 25 11.04 +21 47 50.8	19.5	Ro~lGYBH15	75345	C2015 01 16.19288 05 23 24.82 +25 36 44.9	19.4	Ro~lGU0H15
G9606	C2015 01 16.18525 05 28 05.89 +22 24 45.1	19.6	Ro~lGYzH15	75439	C2015 01 16.19288 05 25 23.27 +26 08 03.8	18.7	Ro~lGUOH15
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I0414	C2015 01 16.18525 05 28 12.43 +22 00 11.2	19.8	Ro~lGZSH15	78524	C2015 01 16.19288 05 28 46.40 +25 22 57.9	18.8	Ro~lGUGH15
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J7165	C2015 01 16.18525 05 28 27.99 +22 04 06.6	19.5	Ro~lGaCH15	A4734	C2015 01 16.19288 05 27 24.25 +25 59 07.9	19.2	Ro~lGVfH15
M2647	C2015 01 16.18525 05 28 47.70 +22 30 56.6	19.7	Ro~lGb5H15	B5533	C2015 01 16.19288 05 24 24.70 +24 52 23.1	19.6	Ro~lGWNH15
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12182	C2015 01 16.18771 05 28 20.63 +20 13 59.9	18.6	Ro~lGPhH15	O9353	C2015 01 16.19288 05 27 50.41 +25 03 35.0	19.0	Ro~lGc4H15
14660	C2015 01 16.18771 05 23 37.86 +19 35 01.4	19.1	Ro~lGPtH15	Q4610	C2015 01 16.19288 05 28 43.88 +26 10 14.0	19.2	Ro~lGckH15
21269	C2015 01 16.18771 05 23 11.32 +19 43 24.8	19.2	Ro~lGQPH15	f7204	C2015 01 16.19288 05 23 51.09 +25 35 14.1	18.5	Ro~lGgzH15
29688	C2015 01 16.18771 05 25 00.77 +19 34 24.3	18.4	Ro~lGR0H15	g5390K10C63B	C2015 01 16.19614 05 25 39.57 +21 44 05.0	19.5	Ro~lGM7H15
34620	C2015 01 16.18771 05 23 33.36 +21 05 12.0	19.1	Ro~lGRKH15	00263	C2015 01 16.19614 05 23 36.04 +21 35 31.2	14.9	Ro~lGObH15
39500	C2015 01 16.18771 05 26 03.81 +21 11 57.1	20.2	Ro~lGReH15	00825	C2015 01 16.19614 05 25 57.05 +22 39 49.7	14.5	Ro~lGOgH15
42293	C2015 01 16.18771 05 27 46.73 +20 27 34.5	19.7	Ro~lGRpH15	05566	C2015 01 16.19614 05 27 05.15 +21 16 47.2	17.2	Ro~lGP9H15
47964	C2015 01 16.18771 05 23 18.46 +20 42 38.0	20.1	Ro~lGSFH15	08189	C2015 01 16.19614 05 29 28.93 +21 56 09.3	16.9	Ro~lGPMH15
48958	C2015 01 16.18771 05 24 24.23 +20 12 46.2	19.9	Ro~lGSJH15	10825	C2015 01 16.19614 05 27 35.60 +21 23 31.1	18.2	Ro~lGPaH15
49492	C2015 01 16.18771 05 23 24.86 +19 50 45.4	19.8	Ro~lGSMH15	14474	C2015 01 16.19614 05 25 12.38 +21 41 43.9	19.0	Ro~lGPtH15
74778	C2015 01 16.18771 05 26 37.84 +20 50 33.6	19.9	Ro~lGTwH15	14651	C2015 01 16.19614 05 28 40.08 +22 21 25.8	18.5	Ro~lGPtH15
77923	C2015 01 16.18771 05 27 34.93 +20 09 19.4	19.8	Ro~lGUDH15	19398	C2015 01 16.19614 05 26 45.15 +21 59 48.6	18.1	Ro~lGQGH15
94883	C2015 01 16.18771 05 26 30.53 +20 34 06.5	20.4	Ro~lGV6H15	19465	C2015 01 16.19614 05 24 47.37 +22 25 02.1	18.5	Ro~lGQGH15
97510	C2015 01 16.18771 05 28 35.30 +20 06 04.4	20.4	Ro~lGVEH15	22492	C2015 01 16.19614 05 25 29.98 +22 33 04.3	19.3	Ro~lGQUH15
A2688	C2015 01 16.18771 05 28 07.88 +20 58 18.9	18.3	Ro~lGVZH15	23158	C2015 01 16.19614 05 23 30.03 +21 53 42.8	18.0	Ro~lGQYH15
A6125	C2015 01 16.18771 05 26 28.58 +20 20 34.8	20.4	Ro~lGVjH15	23682	C2015 01 16.19614 05 25 48.80 +22 48 44.5	18.9	Ro~lGQaH15
A8502	C2015 01 16.18771 05 29 24.23 +19 40 11.9	20.2	Ro~lGVrH15	27461	C2015 01 16.19614 05 28 37.14 +22 51 36.2	19.3	Ro~lGQrH15
B0293	C2015 01 16.18771 05 25 56.70 +19 42 07.2	19.5	Ro~lGW1H15	30883	C2015 01 16.19614 05 27 29.43 +22 02 14.4	19.1	Ro~lGR4H15
B3126	C2015 01 16.18771 05 25 12.43 +21 01 12.4	20.0	Ro~lGWEH15	40944	C2015 01 16.19614 05 24 02.56 +22 53 04.6	19.2	Ro~lGRkH15
C3410	C2015 01 16.18771 05 27 23.82 +19 34 20.4	18.7	Ro~lGWnH15	43388	C2015 01 16.19614 05 27 28.27 +21 19 03.2	18.5	Ro~lGRtH15
C9881	C2015 01 16.18771 05 27 20.65 +19 51 02.0	20.2	Ro~lGX6H15	47108	C2015 01 16.19614 05 24 48.05 +22 23 42.7	18.1	Ro~lGSAH15
D0626	C2015 01 16.18771 05 24 27.24 +19 57 11.1	20.2	Ro~lGX9H15	51985	C2015 01 16.19614 05 28 56.49 +22 58 31.8	19.0	Ro~lGSXH15
E6616	C2015 01 16.18771 05 26 16.10 +21 02 54.2	19.9	Ro~lGXuH15	53267	C2015 01 16.19614 05 24 43.93 +21 16 04.0	18.5	Ro~lGSbH15
H3300	C2015 01 16.18771 05 29 44.72 +19 47 29.1	19.9	Ro~lGZ8H15	64136	C2015 01 16.19614 05 23 26.54 +22 24 16.4	18.5	Ro~lGTEH15
I5100	C2015 01 16.18771 05 26 35.55 +20 04 10.3	20.2	Ro~lGZfH15	69579	C2015 01 16.19614 05 29 21.38 +21 48 52.9	19.6	Ro~lGTZH15
P3936	C2015 01 16.18771 05 26 12.73 +20 01 19.3	20.1	Ro~lGcHH15	76063	C2015 01 16.19614 05 28 36.40 +22 06 59.7	19.5	Ro~lGU3H15
R4097	C2015 01 16.18771 05 26 38.57 +19 43 48.0	19.9	Ro~lGdJH15	97808	C2015 01 16.19614 05 27 28.14 +22 20 17.9	18.9	Ro~lGVGH15
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02417	C2015 01 16.19023 05 28 23.15 +24 07 43.2	16.1	Ro~lGOrH15	F1751	C2015 01 16.19614 05 25 10.77 +21 47 52.4	19.4	Ro~lGYBH15
02517	C2015 01 16.19023 05 29 06.15 +24 33 31.1	17.3	Ro~lGOsH15	G9606	C2015 01 16.19614 05 28 05.45 +22 24 43.3	19.3	Ro~lGYzH15
05772	C2015 01 16.19023 05 23 42.75 +24 00 55.0	17.6	Ro~lGP9H15	H8584	C2015 01 16.19614 05 27 42.01 +22 04 24.7	18.4	Ro~lGZNH15
06400	C2015 01 16.19023 05 29 29.27 +24 36 46.2	17.5	Ro~lGPDH15	I0414	C2015 01 16.19614 05 28 11.91 +22 00 10.9	19.8	Ro~lGZSH15
06546	C2015 01 16.19023 05 25 05.84 +24 19 39.2	17.0	Ro~lGPEH15	I8604	C2015 01 16.19614 05 24 59.92 +21 32 51.0	19.2	Ro~lGZpH15
08133	C2015 01 16.19023 05 24 07.91 +23 12 50.9	18.5	Ro~lGPMH15	J7165	C2015 01 16.19614 05 28 27.66 +22 04 05.8	19.3	Ro~lGaCH15
10126	C2015 01 16.19023 05 29 38.54 +23 37 41.4	19.0	Ro~lGPWH15	M2647	C2015 01 16.19614 05 28 47.37 +22 30 56.5	19.3	Ro~lGb5H15
12572	C2015 01 16.19023 05 26 37.61 +23 03 32.8	18.3	Ro~lGPiH15	N2328	C2015 01 16.19614 05 27 12.81 +22 20 24.8	19.7	Ro~lGbZH15
16316	C2015 01 16.19023 05 25 46.20 +23 35 39.7	19.1	Ro~lGQ2H15	a7312	C2015 01 16.19614 05 27 25.60 +22 42 07.8	19.8	Ro~lGfXH15
16832	C2015 01 16.19023 05 25 06.13 +23 03 32.6	18.6	Ro~lGQ4H15	01436	C2015 01 16.19861 05 23 59.67 +19 45 27.2	16.1	Ro~lGOkH15
19376	C2015 01 16.19023 05 23 24.62 +24 05 00.6	18.3	Ro~lGQGH15	12182	C2015 01 16.19861 05 28 20.23 +20 13 59.8	18.6	Ro~lGPhH15
21076	C2015 01 16.19023 05 29 15.17 +23 25 11.5	19.1	Ro~lGQOH15	14660	C2015 01 16.19861 05 23 37.36 +19 35 03.5	18.6	Ro~lGPtH15
23488	C2015 01 16.19023 05 23 46.03 +24 36 23.9	18.8	Ro~lGQZH15	21269	C2015 01 16.19861 05 23 10.89 +19 43 23.3	18.9	Ro~lGQPH15
31293	C2015 01 16.19023 05 24 54.91 +23 41 43.6	19.0	Ro~lGR6H15	29688	C2015 01 16.19861 05 25 00.23 +19 34 25.2	18.2	Ro~lGR0H15
36380	C2015 01 16.19023 05 27 35.49 +24 37 07.1	18.5	Ro~lGRRH15	34620	C2015 01 16.19861 05 23 32.88 +21 05 13.4	19.2	Ro~lGRKH15
42666	C2015 01 16.19023 05 27 19.18 +24 29 07.1	18.6	Ro~lGRrH15	39500	C2015 01 16.19861 05 26 03.31 +21 11 54.9	19.9	Ro~lGReH15
45614	C2015 01 16.19023 05 24 30.51 +23 20 14.2	19.4	Ro~lGS4H15	42293	C2015 01 16.19861 05 27 46.38 +20 27 35.1	19.5	Ro~lGRpH15
45908	C2015 01 16.19023 05 23 17.17 +24 26 33.2	18.6	Ro~lGS6H15	47964	C2015 01 16.19861 05 23 18.04 +20 42 37.7	20.0	Ro~lGSFH15
50909	C2015 01 16.19023 05 23 45.15 +23 42 28.6	18.9	Ro~lGSRH15	48958	C2015 01 16.19861 05 24 23.78 +20 12 44.9	19.7	Ro~lGSJH15
51009	C2015 01 16.19023 05 28 12.31 +23 11 11.7	19.0	Ro~lGSSH15	49492	C2015 01 16.19861 05 23 24.44 +19 50 43.9	19.7	Ro~lGSMH15
58357	C2015 01 16.19023 05 24 34.18 +23 40 51.5	18.3	Ro~lGSuH15	74778	C2015 01 16.19861 05 26 37.31 +20 50 35.6	19.8	Ro~lGTwH15
65812	C2015 01 16.19023 05 27 37.60 +24 01 31.4	19.4	Ro~lGTKH15	77923	C2015 01 16.19861 05 27 34.56 +20 09 18.7	20.2	Ro~lGUDH15
77911	C2015 01 16.19023 05 25 44.56 +23 11 37.7	17.5	Ro~lGUDH15	94883	C2015 01 16.19861 05 26 30.06 +20 34 07.3	20.1	Ro~lGV6H15
81224	C2015 01 16.19023 05 22 57.98 +24 07 30.9	19.6	Ro~lGUQH15	97510	C2015 01 16.19861 05 28 34.87 +20 06 04.8	20.2	Ro~lGVEH15
81634	C2015 01 16.19023 05 24 34.49 +23 42 48.6	18.5	Ro~lGUSH15	A2688	C2015 01 16.19861 05 28 07.41 +20 58 20.4	18.1	Ro~lGVZH15
A8612	C2015 01 16.19023 05 23 04.90 +23 17 30.1	19.7	Ro~lGVrH15	A6125	C2015 01 16.19861 05 26 28.16 +20 20 34.0	19.9	Ro~lGVjH15
B1312	C2015 01 16.19023 05 25 25.04 +24 24 23.6	18.5	Ro~lGW6H15	A8502	C2015 01 16.19861 05 29 23.79 +19 40 10.0	19.7	Ro~lGVrH15
B2407	C2015 01 16.19023 05 27 54.26 +24 34 42.4	19.7	Ro~lGWAH15	B0293	C2015 01 16.19861 05 25 56.26 +19 42 07.2	19.5	Ro~lGW1H15
B3473	C2015 01 16.19023 05 26 46.71 +23 12 36.6	19.5	Ro~lGWFH15	B3126	C2015 01 16.19861 05 25 12.02 +21 01 12.0	19.9	Ro~lGWEH15
B3899	C2015 01 16.19023 05 26 39.76 +23 31 33.8	19.3	Ro~lGWHH15	C3410	C2015 01 16.19861 05 27 23.49 +19 34 18.2	18.7	Ro~lGWnH15
C5767	C2015 01 16.19023 05 26 23.51 +24 43 05.2	19.8	Ro~lGWtH15	C9881	C2015 01 16.19861 05 27 20.36 +19 50 59.9	19.5	Ro~lGX6H15
G2952	C2015 01 16.19023 05 23 56.20 +23 53 30.4	19.6	Ro~lGYgH15	D0626	C2015 01 16.19861 05 24 26.73 +19 57 09.9	19.9	Ro~lGX9H15
H2541	C2015 01 16.19023 05 27 01.33 +24 07 12.9	19.4	Ro~lGZ6H15	E6616	C2015 01 16.19861 05 26 15.67 +21 02 51.6	19.7	Ro~lGXuH15
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N0940	C2015 01 16.19023 05 27 34.12 +24 21 20.2	19.1	Ro~lGbVH15	I5100	C2015 01 16.19861 05 26 35.21 +20 04 08.1	19.8	Ro~lGZfH15
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W4903	C2015 01 16.19023 05 24 29.80 +24 28 45.0	19.5	Ro~lGeZH15	b2213	C2015 01 16.19861 05 25 14.96 +21 02 46.6	19.4	Ro~lGftH15
f9871	C2015 01 16.19023 05 27 35.37 +23 34 44.1	19.9	Ro~lGhEH15	g5323K10A51E	C2015 01 16.20198 05 24 24.84 +23 27 18.9	19.2	Ro~lGM6H15
01482	C2015 01 16.19288 05 26 48.69 +24 46 49.3	15.8	Ro~lGO1H15	02417	C2015 01 16.20198 05 28 22.73 +24 07 44.5	16.4	Ro~lGOrH15
04040	C2015 01 16.19288 05 30 00.34 +25 23 18.1	17.0	Ro~lGPOH15	02517	C2015 01 16.20198 05 29 05.69 +24 33 32.6	17.4	Ro~lGOsH15
04803	C2015 01 16.19288 05 28 51.41 +26 16 48.6	17.1	Ro~lGP4H15	05772	C2015 01 16.20198 05 23 42.26 +24 00 51.5	17.5	Ro~lGPAH15
07976	C2015 01 16.19288 05 24 39.52 +25 06 24.3	17.3	Ro~lGPLH15	06400	C2015 01 16.20198 05 29 28.72 +24 36 48.3	17.7	Ro~lGPDH15
09462	C2015 01 16.19288 05 27 41.00 +25 00 26.3	18.0	Ro~lGPTH15	06546	C2015 01 16.20198 05 25 05.40 +24 19 36.2	17.0	Ro~lGPEH15
10030	C2015 01 16.19288 05 22 51.09 +24 45 01.8	19.1	Ro~lGPWH15	08133	C2015 01 16.20198 05 24 07.48 +23 12 51.8	18.0	Ro~lGPMH15
11559	C2015 01 16.19288 05 29 12.39 +26 01 55.8	19.1	Ro~lGPeH15	10126	C2015 01 16.20198 05 29 37.96 +23 37 40.2	19.3	Ro~lGPWH15
13306	C2015 01 16.19288 05 24 07.87 +24 56 01.6	18.8	Ro~lGPmH15	12572	C2015 01 16.20198 05 26 37.06 +23 03 30.9	18.4	Ro~lGPiH15
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28760	C2015 01 17.14204 06 03 31.31 +13 06 30.4	18.9	Ro~lH7aH15	47773	C2015 01 17.15794 06 00 14.23 +17 05 57.9	19.4	Ro~lHDSH15
32008	C2015 01 17.14204 06 03 17.69 +13 50 36.2	17.5	Ro~lH8dH15	59697	C2015 01 17.15794 06 01 41.12 +16 49 54.4	18.8	Ro~lHGcH15
43226	C2015 01 17.14204 06 03 15.77 +12 32 12.0	18.5	Ro~lHC0H15	67318	C2015 01 17.15794 06 02 41.74 +17 33 10.8	19.1	Ro~lHIRH15
51601	C2015 01 17.14204 06 03 04.33 +13 56 26.4	19.4	Ro~lHEaH15	99714	C2015 01 17.15794 06 02 52.04 +17 10 05.4	19.0	Ro~lHPuH15
69722	C2015 01 17.14204 06 01 14.37 +12 32 56.2	18.9	Ro~lHJ9H15	A8715	C2015 01 17.15794 06 03 53.87 +16 08 54.6	19.6	Ro~lHRjH15
77984	C2015 01 17.14204 06 02 13.79 +13 59 51.6	19.6	Ro~lHLZH15	B3090	C2015 01 17.15794 06 02 36.02 +17 24 31.2	19.6	Ro~lHSvH15
B5308	C2015 01 17.14204 06 03 15.59 +13 15 45.6	19.3	Ro~lHTNH15	Q5861	C2015 01 17.15794 05 59 25.29 +16 03 46.4	19.4	Ro~lHnaH15
B8023	C2015 01 17.14204 06 05 08.43 +13 05 08.4	19.7	Ro~lHTyH15	00124	C2015 01 17.16050 06 00 47.97 +19 03 14.7	12.5	Ro~lGwoH15
E3731	C2015 01 17.14204 06 04 30.31 +12 37 50.8	19.8	Ro~lHYDH15	02443	C2015 01 17.16050 06 05 39.67 +17 52 01.6	15.2	Ro~lGxpH15
J6131	C2015 01 17.14204 06 03 37.68 +12 54 56.6	19.2	Ro~lHffH15	05670	C2015 01 17.16050 05 59 26.52 +19 09 33.4	16.2	Ro~lGzDH15
04881	C2015 01 17.14456 06 01 44.54 +14 35 22.0	17.5	Ro~lGyrH15	08687	C2015 01 17.16050 06 02 13.74 +19 17 33.0	18.9	Ro~lH0VH15
05519	C2015 01 17.14456 06 04 31.36 +15 15 13.5	17.5	Ro~lGz8H15	19843	C2015 01 17.16050 06 05 44.13 +19 12 52.6	18.8	Ro~lH4bH15
17304	C2015 01 17.14456 06 01 37.73 +15 13 25.1	18.6	Ro~lH3iH15	19962	C2015 01 17.16050 06 05 48.41 +18 27 55.6	18.6	Ro~lH4dH15
17885	C2015 01 17.14456 06 04 21.88 +15 33 52.6	18.7	Ro~lH3uH15	21126	C2015 01 17.16050 06 03 28.74 +19 21 14.9	18.2	Ro~lH53H15
19978	C2015 01 17.14456 06 02 54.73 +15 52 38.3	18.9	Ro~lH4eH15	29154	C2015 01 17.16050 05 58 34.65 +18 58 51.2	18.2	Ro~lH7jH15
21738	C2015 01 17.14456 06 03 25.55 +15 11 07.3	19.2	Ro~lH5GH15	33531	C2015 01 17.16050 05 59 16.17 +19 10 35.3	19.1	Ro~lH93H15
22550	C2015 01 17.14456 06 00 13.29 +14 52 50.2	19.2	Ro~lH5VH15	34164	C2015 01 17.16050 06 02 44.98 +18 06 35.5	18.9	Ro~lH9HH15
23595	C2015 01 17.14456 05 59 25.47 +15 09 42.9	19.0	Ro~lH5qH15	35210	C2015 01 17.16050 06 02 23.60 +18 35 58.8	18.7	Ro~lH9YH15
26207	C2015 01 17.14456 06 03 39.40 +15 49 27.8	18.2	Ro~lH6iH15	43387	C2015 01 17.16050 06 04 30.01 +18 29 28.1	17.9	Ro~lHC4H15
41492	C2015 01 17.14456 06 03 03.89 +14 18 02.4	18.1	Ro~lHBTH15	73422	C2015 01 17.16050 06 00 22.30 +18 19 24.4	18.3	Ro~lHKFH15
49684	C2015 01 17.14456 06 01 21.66 +14 41 44.0	19.2	Ro~lHE4H15	A2147	C2015 01 17.16050 06 02 35.39 +18 39 45.7	18.5	Ro~lHQRH15
75851	C2015 01 17.14456 06 05 17.81 +14 23 05.6	19.6	Ro~lHKwH15	E5731	C2015 01 17.16050 06 03 25.20 +18 05 17.9	18.4	Ro~lHYWH15
77214	C2015 01 17.14456 05 59 32.55 +14 24 28.8	19.6	Ro~lHLLH15	F0756	C2015 01 17.16050 06 05 51.59 +18 51 36.0	19.1	Ro~lHZIH15
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06495	C2015 01 17.14706 06 04 59.90 +17 46 14.8	17.6	Ro~lGzaH15	G9520	C2015 01 17.16050 05 59 02.69 +18 48 22.4	19.8	Ro~lHc6H15
11017	C2015 01 17.14706 06 02 36.66 +17 08 52.2	16.4	Ro~lH1OH15	K1353	C2015 01 17.16050 06 03 49.13 +18 26 09.7	19.3	Ro~lHgKH15
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27498	C2015 01 17.14706 06 03 14.39 +17 13 31.6	19.1	Ro~lH7CH15	M5590	C2015 01 17.16050 06 05 29.91 +19 17 36.1	19.6	Ro~lHiyH15
30549	C2015 01 17.14706 05 59 34.19 +17 30 25.9	18.7	Ro~lH8BH15	15247	C2015 01 17.16398 06 00 47.05 +13 17 28.8	17.0	Ro~lH2uH15
31168	C2015 01 17.14706 06 04 31.92 +17 10 19.8	18.8	Ro~lH8LH15	21529	C2015 01 17.16398 06 02 03.42 +12 33 23.1	18.1	Ro~lH5CH15
36319	C2015 01 17.14706 06 05 12.30 +16 24 06.3	19.9	Ro~lH9uH15	26548	C2015 01 17.16398 06 03 33.85 +14 08 45.2	19.2	Ro~lH6qH15
43447	C2015 01 17.14706 06 00 05.29 +17 19 02.8	18.6	Ro~lHC5H15	28760	C2015 01 17.16398 06 03 30.25 +13 06 29.8	18.5	Ro~lH7aH15
47667	C2015 01 17.14706 06 03 27.76 +16 21 20.4	18.7	Ro~lHDQH15	32008	C2015 01 17.16398 06 03 16.56 +13 50 37.7	17.3	Ro~lH8dH15
47773	C2015 01 17.14706 06 00 14.64 +17 05 55.7	19.2	Ro~lHDSH15	43226	C2015 01 17.16398 06 03 14.81 +12 32 11.7	18.4	Ro~lHC0H15
59697	C2015 01 17.14706 06 01 41.63 +16 49 51.8	18.8	Ro~lHGcH15	51601	C2015 01 17.16398 06 03 03.13 +13 56 26.4	19.4	Ro~lHEaH15
67318	C2015 01 17.14706 06 02 42.31 +17 33 09.5	19.3	Ro~lHIRH15	69722	C2015 01 17.16398 06 01 13.32 +12 32 58.4	18.9	Ro~lHJ9H15
99714	C2015 01 17.14706 06 02 52.60 +17 10 05.3	18.8	Ro~lHPuH15	77984	C2015 01 17.16398 06 02 12.56 +13 59 52.3	18.9	Ro~lHLZH15
A8715	C2015 01 17.14706 06 03 54.44 +16 08 57.6	19.3	Ro~lHRjH15	B5308	C2015 01 17.16398 06 03 14.56 +13 15 48.8	19.1	Ro~lHTNH15
B3090	C2015 01 17.14706 06 02 36.50 +17 24 31.8	19.8	Ro~lHSvH15	B8023	C2015 01 17.16398 06 05 07.39 +13 05 11.6	19.0	Ro~lHTyH15
Q5861	C2015 01 17.14706 05 59 25.80 +16 03 49.4	19.5	Ro~lHnaH15	E3731	C2015 01 17.16398 06 04 29.35 +12 37 53.0	19.5	Ro~lHYDH15
00124	C2015 01 17.14963 06 00 48.56 +19 03 14.0	12.4	Ro~lGwoH15	J6131	C2015 01 17.16398 06 03 36.74 +12 54 56.9	19.3	Ro~lHffH15
02443	C2015 01 17.14963 06 05 40.22 +17 51 58.6	15.2	Ro~lGxpH15	04881	C2015 01 17.16655 06 01 43.44 +14 35 29.5	17.4	Ro~lGyrH15
05670	C2015 01 17.14963 05 59 27.09 +19 09 37.5	16.1	Ro~lGzDH15	05519	C2015 01 17.16655 06 04 30.37 +15 15 17.3	17.3	Ro~lGz8H15
08687	C2015 01 17.14963 06 02 14.33 +19 17 32.9	18.7	Ro~lH0VH15	17304	C2015 01 17.16655 06 01 36.69 +15 13 31.0	18.6	Ro~lH3iH15
19843	C2015 01 17.14963 06 05 44.67 +19 12 52.1	18.8	Ro~lH4bH15	17885	C2015 01 17.16655 06 04 20.78 +15 33 52.7	18.3	Ro~lH3uH15
19962	C2015 01 17.14963 06 05 49.00 +18 27 55.6	18.7	Ro~lH4dH15	19978	C2015 01 17.16655 06 02 53.48 +15 52 41.5	19.0	Ro~lH4eH15
21126	C2015 01 17.14963 06 03 29.32 +19 21 12.8	18.1	Ro~lH53H15	21738	C2015 01 17.16655 06 03 24.52 +15 11 09.0	19.2	Ro~lH5GH15
29154	C2015 01 17.14963 05 58 35.20 +18 58 54.2	18.1	Ro~lH7jH15	22550	C2015 01 17.16655 06 00 12.12 +14 52 50.2	19.0	Ro~lH5VH15
33531	C2015 01 17.14963 05 59 16.78 +19 10 34.8	19.1	Ro~lH93H15	23595	C2015 01 17.16655 05 59 24.28 +15 09 46.9	19.2	Ro~lH5qH15
34164	C2015 01 17.14963 06 02 45.57 +18 06 34.2	19.1	Ro~lH9HH15	26207	C2015 01 17.16655 06 03 38.42 +15 49 30.3	18.0	Ro~lH6iH15
35210	C2015 01 17.14963 06 02 24.18 +18 35 57.2	18.8	Ro~lH9YH15	41492	C2015 01 17.16655 06 03 02.91 +14 18 05.9	17.8	Ro~lHBTH15
43387	C2015 01 17.14963 06 04 30.56 +18 29 28.6	17.8	Ro~lHC4H15	49684	C2015 01 17.16655 06 01 20.54 +14 41 46.8	18.8	Ro~lHE4H15
73422	C2015 01 17.14963 06 00 22.84 +18 19 20.1	18.3	Ro~lHKFH15	75851	C2015 01 17.16655 06 05 16.92 +14 23 09.9	19.8	Ro~lHKwH15
A2147	C2015 01 17.14963 06 02 35.88 +18 39 47.5	18.4	Ro~lHQRH15	77214	C2015 01 17.16655 05 59 31.33 +14 24 34.9	19.3	Ro~lHLLH15
E5731	C2015 01 17.14963 06 03 25.68 +18 05 13.9	18.5	Ro~lHYWH15	B3449	C2015 01 17.16655 06 03 47.62 +15 25 35.7	19.2	Ro~lHSzH15
F0756	C2015 01 17.14963 06 05 52.05 +18 51 31.6	18.8	Ro~lHZIH15	06495	C2015 01 17.16905 06 04 58.63 +17 46 13.9	17.4	Ro~lGzaH15
F0935	C2015 01 17.14963 06 05 10.37 +19 15 33.4	19.4	Ro~lHZLH15	11017	C2015 01 17.16905 06 02 35.62 +17 09 01.6	16.2	Ro~lH1OH15
G9520	C2015 01 17.14963 05 59 03.15 +18 48 18.1	19.7	Ro~lHc6H15	24470	C2015 01 17.16905 06 01 10.67 +16 02 28.8	18.8	Ro~lH6AH15
K1353	C2015 01 17.14963 06 03 49.56 +18 26 05.5	19.4	Ro~lHgKH15	27498	C2015 01 17.16905 06 03 13.44 +17 13 35.4	18.4	Ro~lH7CH15
K1838	C2015 01 17.14963 06 03 57.15 +18 27 45.9	19.4	Ro~lHgOH15	30549	C2015 01 17.16905 05 59 33.23 +17 30 30.7	18.3	Ro~lH8BH15
M5590	C2015 01 17.14963 06 05 30.47 +19 17 36.6	19.1	Ro~lHiyH15	31168	C2015 01 17.16905 06 04 30.78 +17 10 22.6	18.4	Ro~lH8LH15
15247	C2015 01 17.15285 06 00 47.55 +13 17 29.3	17.4	Ro~lH2uH15	36319	C2015 01 17.16905 06 05 11.10 +16 24 07.9	19.2	Ro~lH9uH15
21529	C2015 01 17.15285 06 02 03.92 +12 33 20.4	18.3	Ro~lH5CH15	43447	C2015 01 17.16905 06 00 04.12 +17 19 02.4	18.3	Ro~lHC5H15
26548	C2015 01 17.15285 06 03 34.31 +14 08 43.3	19.6	Ro~lH6qH15	47667	C2015 01 17.16905 06 03 26.78 +16 21 25.6	18.3	Ro~lHDQH15
28760	C2015 01 17.15285 06 03 30.76 +13 06 30.0	18.7	Ro~lH7aH15	47773	C2015 01 17.16905 06 00 13.74 +17 06 00.8	19.1	Ro~lHDSH15
32008	C2015 01 17.15285 06 03 17.13 +13 50 37.0	17.5	Ro~lH8dH15	59697	C2015 01 17.16905 06 01 40.56 +16 49 57.0	18.7	Ro~lHGcH15
43226	C2015 01 17.15285 06 03 15.33 +12 32 11.6	18.6	Ro~lHC0H15	67318	C2015 01 17.16905 06 02 41.14 +17 33 12.6	18.9	Ro~lHIRH15
51601	C2015 01 17.15285 06 03 03.70 +13 56 26.9	19.3	Ro~lHEaH15	99714	C2015 01 17.16905 06 02 51.44 +17 10 05.5	18.9	Ro~lHPuH15
69722	C2015 01 17.15285 06 01 13.93 +12 32 58.0	18.9	Ro~lHJ9H15	A8715	C2015 01 17.16905 06 03 53.36 +16 08 52.0	19.1	Ro~lHRjH15
77984	C2015 01 17.15285 06 02 13.19 +13 59 51.7	19.4	Ro~lHLZH15	B3090	C2015 01 17.16905 06 02 35.54 +17 24 30.9	19.4	Ro~lHSvH15
B5308	C2015 01 17.15285 06 03 15.10 +13 15 46.8	19.1	Ro~lHTNH15	Q5861	C2015 01 17.16905 05 59 24.73 +16 03 42.9	19.3	Ro~lHnaH15
B8023	C2015 01 17.15285 06 05 07.92 +13 05 09.9	19.4	Ro~lHTyH15	00124	C2015 01 17.17158 06 00 47.40 +19 03 15.4	12.4	Ro~lGwoH15
E3731	C2015 01 17.15285 06 04 29.83 +12 37 52.4	19.6	Ro~lHYDH15	02443	C2015 01 17.17158 06 05 39.13 +17 52 04.5	15.0	Ro~lGxpH15
J6131	C2015 01 17.15285 06 03 37.22 +12 54 57.5	19.5	Ro~lHffH15	05670	C2015 01 17.17158 05 59 26.00 +19 09 29.5	16.0	Ro~lGzDH15

08687	C2015 01 17.17158 06 02 13.13 +19 17 33.8	18.5	Ro~1H0VH15	41555	C2015 01 17.18563 06 06 33.71 +15 23 12.6	18.3	Ro~1HBVH15
19843	C2015 01 17.17158 06 05 43.61 +19 12 54.0	18.6	Ro~1H4bH15	42671	C2015 01 17.18563 06 06 59.77 +15 55 59.7	18.3	Ro~1HBpH15
19962	C2015 01 17.17158 06 05 47.85 +18 27 55.9	18.6	Ro~1H4dH15	52023	C2015 01 17.18563 06 10 47.16 +15 22 54.4	19.2	Ro~1HEjH15
21126	C2015 01 17.17158 06 03 28.14 +19 21 16.9	18.1	Ro~1H53H15	53114	C2015 01 17.18563 06 06 24.09 +15 43 54.2	18.7	Ro~1HEwH15
29154	C2015 01 17.17158 05 58 34.13 +18 58 47.2	18.1	Ro~1H7jH15	54329	C2015 01 17.18563 06 09 43.67 +15 41 16.2	19.2	Ro~1HFHH15
33531	C2015 01 17.17158 05 59 15.39 +19 10 35.3	18.8	Ro~1H93H15	71597	C2015 01 17.18563 06 11 51.60 +14 57 22.7	19.1	Ro~1HJeH15
34164	C2015 01 17.17158 06 02 44.35 +18 06 37.2	18.6	Ro~1H9HH15	82352	C2015 01 17.18563 06 08 12.36 +15 55 39.8	19.3	Ro~1HMdH15
35210	C2015 01 17.17158 06 02 23.05 +18 36 00.1	18.6	Ro~1H9YH15	98012	C2015 01 17.18563 06 09 03.03 +14 45 02.6	19.1	Ro~1HPYH15
43387	C2015 01 17.17158 06 04 29.51 +18 29 27.2	17.9	Ro~1HC4H15	B2153	C2015 01 17.18563 06 07 04.90 +14 37 47.9	19.4	Ro~1HShH15
73422	C2015 01 17.17158 06 00 21.81 +18 19 28.8	18.2	Ro~1HKFH15	D7687	C2015 01 17.18563 06 11 33.39 +15 53 52.1	18.7	Ro~1HXIH15
A2147	C2015 01 17.17158 06 02 34.89 +18 39 43.5	18.2	Ro~1HQRH15	I5640	C2015 01 17.18563 06 07 57.73 +14 41 53.3	19.6	Ro~1HeDH15
E5731	C2015 01 17.17158 06 03 24.72 +18 05 21.7	18.1	Ro~1HYWH15	M8555	C2015 01 17.18563 06 12 20.21 +15 49 51.9	19.0	Ro~1HjMH15
F0756	C2015 01 17.17158 06 05 51.12 +18 51 41.2	18.8	Ro~1HZIH15	R4734	C2015 01 17.18563 06 12 39.99 +14 40 01.5	19.5	Ro~1HouH15
F0935	C2015 01 17.17158 06 05 09.38 +19 15 35.7	19.1	Ro~1HZLH15	R5064	C2015 01 17.18563 06 06 06.17 +15 38 37.3	19.6	Ro~1HoxH15
G9520	C2015 01 17.17158 05 59 02.15 +18 48 26.2	19.5	Ro~1Hc6H15	01441	C2015 01 17.18810 06 12 25.37 +12 58 36.1	17.4	Ro~1GxMH15
K1353	C2015 01 17.17158 06 03 48.61 +18 26 12.8	19.0	Ro~1HgKH15	11046	C2015 01 17.18810 06 06 52.73 +13 49 59.5	18.9	Ro~1H1PH15
K1838	C2015 01 17.17158 06 03 56.14 +18 27 39.0	18.9	Ro~1HgOH15	19441	C2015 01 17.18810 06 10 17.53 +13 17 47.9	19.2	Ro~1H4TH15
M5590	C2015 01 17.17158 06 05 29.48 +19 17 34.3	18.9	Ro~1HiyH15	20464	C2015 01 17.18810 06 11 06.24 +14 07 47.9	18.1	Ro~1H4qH15
04328	C2015 01 17.17409 06 09 31.46 +14 30 59.6	17.6	Ro~1GydH15	27518	C2015 01 17.18810 06 12 13.29 +14 12 01.5	18.7	Ro~1H7DH15
11530	C2015 01 17.17409 06 07 58.91 +14 46 57.5	17.9	Ro~1H1aH15	46350	C2015 01 17.18810 06 08 57.52 +13 22 06.8	19.0	Ro~1HD2H15
19386	C2015 01 17.17409 06 11 44.15 +14 20 57.3	17.1	Ro~1H4RH15	49529	C2015 01 17.18810 06 07 11.25 +13 04 16.3	19.0	Ro~1HE0H15
28900	C2015 01 17.17409 06 11 10.80 +14 18 06.1	17.8	Ro~1H7eH15	51644	C2015 01 17.18810 06 07 05.46 +13 39 13.0	18.9	Ro~1HEbH15
41555	C2015 01 17.17409 06 06 34.28 +15 23 12.2	18.1	Ro~1HBVH15	54810	C2015 01 17.18810 06 11 54.81 +12 42 56.6	19.0	Ro~1HFRH15
42671	C2015 01 17.17409 06 07 00.38 +15 55 59.8	18.3	Ro~1HBpH15	72846	C2015 01 17.18810 06 09 59.48 +13 03 48.7	18.9	Ro~1HK5H15
52023	C2015 01 17.17409 06 10 47.69 +15 22 54.0	19.0	Ro~1HEjH15	75063	C2015 01 17.18810 06 08 23.94 +12 55 34.4	18.2	Ro~1HKkH15
53114	C2015 01 17.17409 06 06 24.60 +15 43 49.0	18.4	Ro~1HEwH15	B5909	C2015 01 17.18810 06 10 00.51 +13 07 56.5	19.5	Ro~1HTYH15
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71597	C2015 01 17.17409 06 11 52.09 +14 57 18.8	18.8	Ro~1HJeH15	05406	C2015 01 17.19063 06 12 01.69 +16 49 50.8	16.9	Ro~1Gz6H15
82352	C2015 01 17.17409 06 08 12.82 +15 55 41.4	19.4	Ro~1HMdH15	12058	C2015 01 17.19063 06 08 08.67 +16 36 06.8	19.2	Ro~1H11H15
98012	C2015 01 17.17409 06 09 03.53 +14 44 58.7	19.3	Ro~1HPYH15	20577	C2015 01 17.19063 06 11 10.21 +16 30 58.9	17.9	Ro~1H4sH15
B2153	C2015 01 17.17409 06 07 05.54 +14 37 44.4	19.5	Ro~1HShH15	26381	C2015 01 17.19063 06 09 18.32 +17 12 57.6	17.7	Ro~1H6mH15
D7687	C2015 01 17.17409 06 11 33.89 +15 53 54.3	18.6	Ro~1HXIH15	26794	C2015 01 17.19063 06 10 13.24 +16 29 41.9	18.0	Ro~1H6xH15
I5640	C2015 01 17.17409 06 07 58.16 +14 41 52.5	19.4	Ro~1HeDH15	34880	C2015 01 17.19063 06 12 29.49 +17 02 02.5	19.9	Ro~1H9SH15
M8555	C2015 01 17.17409 06 12 20.83 +15 49 54.7	18.9	Ro~1HjMH15	41724	C2015 01 17.19063 06 06 50.07 +16 01 55.2	19.2	Ro~1HBYH15
R4734	C2015 01 17.17409 06 12 40.43 +14 39 57.2	19.4	Ro~1HouH15	54985	C2015 01 17.19063 06 09 31.96 +17 36 05.9	18.5	Ro~1HFTH15
R5064	C2015 01 17.17409 06 06 06.75 +15 38 37.8	19.5	Ro~1HoxH15	64418	C2015 01 17.19063 06 08 03.06 +17 37 31.8	19.3	Ro~1HHiH15
01441	C2015 01 17.17661 06 12 25.98 +12 58 37.3	17.4	Ro~1GxMH15	67004	C2015 01 17.19063 06 11 46.84 +16 19 08.5	19.4	Ro~1HINH15
11046	C2015 01 17.17661 06 06 53.22 +13 49 58.1	18.9	Ro~1H1PH15	79202	C2015 01 17.19063 06 09 07.95 +17 07 43.5	19.9	Ro~1HLwH15
19441	C2015 01 17.17661 06 10 18.12 +13 17 48.5	19.0	Ro~1H4THl5	85215	C2015 01 17.19063 06 09 17.66 +17 17 12.3	18.8	Ro~1HNBH15
20464	C2015 01 17.17661 06 11 06.78 +14 07 44.9	18.1	Ro~1H4qH15	A0653	C2015 01 17.19063 06 09 35.61 +17 15 45.8	19.4	Ro~1HQ7H15
27518	C2015 01 17.17661 06 12 13.77 +14 12 01.8	18.7	Ro~1H7DH15	A2739	C2015 01 17.19063 06 07 17.96 +16 29 46.9	20.0	Ro~1HQZH15
46350	C2015 01 17.17661 06 08 58.03 +13 22 03.9	19.1	Ro~1HD2H15	B4339	C2015 01 17.19063 06 11 23.57 +17 20 51.0	19.4	Ro~1HT9H15
49529	C2015 01 17.17661 06 07 11.73 +13 04 14.4	18.9	Ro~1HE0H15	B4440	C2015 01 17.19063 06 10 06.85 +16 45 01.4	18.4	Ro~1HTBH15
51644	C2015 01 17.17661 06 07 06.01 +13 39 11.3	19.1	Ro~1HEbH15	C1835	C2015 01 17.19063 06 07 20.64 +16 35 56.7	19.6	Ro~1HUZH15
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72846	C2015 01 17.17661 06 09 59.96 +13 03 48.4	18.9	Ro~1HK5H15	F1748	C2015 01 17.19063 06 06 34.23 +17 15 18.9	19.1	Ro~1HZUH15
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B5909	C2015 01 17.17661 06 10 00.94 +13 07 54.7	19.5	Ro~1HTYH15	J1407	C2015 01 17.19063 06 12 52.45 +17 26 56.5	19.5	Ro~1Hf6H15
J8820	C2015 01 17.17661 06 09 25.69 +13 42 55.2	19.2	Ro~1Hg6H15	J5637	C2015 01 17.19063 06 08 59.95 +17 21 23.9	19.8	Ro~1HfUH15
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20577	C2015 01 17.17915 06 11 10.75 +16 30 57.7	18.1	Ro~1H4sH15	00294	C2015 01 17.19316 06 10 23.58 +18 18 11.4	15.6	Ro~1GwsH15
26381	C2015 01 17.17915 06 09 18.86 +17 12 56.4	17.6	Ro~1H6mH15	00527	C2015 01 17.19316 06 09 32.42 +18 27 29.0	14.8	Ro~1GwyH15
26794	C2015 01 17.17915 06 10 13.83 +16 29 39.4	18.0	Ro~1H6xH15	06305	C2015 01 17.19316 06 12 47.74 +19 34 10.6	17.5	Ro~1GzUH15
34880	C2015 01 17.17915 06 12 30.07 +17 02 02.8	19.7	Ro~1H9SH15	17933	C2015 01 17.19316 06 08 03.69 +18 13 21.2	18.7	Ro~1H3vH15
41724	C2015 01 17.17915 06 06 50.71 +16 01 52.9	19.2	Ro~1HBYH15	19638	C2015 01 17.19316 06 06 25.50 +18 21 23.4	19.9	Ro~1H4XH15
54985	C2015 01 17.17915 06 09 32.51 +17 36 04.6	18.7	Ro~1HFTH15	21063	C2015 01 17.19316 06 06 27.47 +18 15 56.8	19.3	Ro~1H51H15
64418	C2015 01 17.17915 06 08 03.63 +17 37 28.5	19.4	Ro~1HHiH15	24100	C2015 01 17.19316 06 07 12.22 +18 17 39.8	17.9	Ro~1H62H15
67004	C2015 01 17.17915 06 11 47.43 +16 19 09.6	19.5	Ro~1HINH15	36875	C2015 01 17.19316 06 12 09.50 +19 14 33.5	19.3	Ro~1HA5H15
79202	C2015 01 17.17915 06 09 08.59 +17 07 42.2	19.9	Ro~1HLwH15	60926	C2015 01 17.19316 06 10 37.63 +18 35 21.7	18.8	Ro~1HGrH15
85215	C2015 01 17.17915 06 09 18.20 +17 17 10.5	18.9	Ro~1HNBH15	96912	C2015 01 17.19316 06 12 06.93 +17 57 59.2	19.3	Ro~1HPHH15
A0653	C2015 01 17.17915 06 09 36.14 +17 15 44.6	19.6	Ro~1HQ7H15	97378	C2015 01 17.19316 06 10 20.55 +17 52 03.5	19.3	Ro~1HPMH15
A2739	C2015 01 17.17915 06 07 18.45 +16 29 44.9	19.9	Ro~1HQZH15	F3628	C2015 01 17.19316 06 09 33.64 +19 18 54.5	19.7	Ro~1HZjH15
B4339	C2015 01 17.17915 06 11 24.08 +17 20 47.7	19.5	Ro~1HT9H15	F6351	C2015 01 17.19316 06 07 35.66 +18 25 31.0	19.5	Ro~1HaBH15
B4440	C2015 01 17.17915 06 10 07.45 +16 44 55.1	18.4	Ro~1HTBH15	F6625	C2015 01 17.19316 06 12 28.37 +18 05 44.4	19.7	Ro~1HaHH15
C1835	C2015 01 17.17915 06 07 21.21 +16 35 54.0	19.9	Ro~1HUZH15	H3579	C2015 01 17.19316 06 11 36.31 +19 06 12.8	19.3	Ro~1HcdH15
D1587	C2015 01 17.17915 06 09 17.54 +16 58 20.9	19.5	Ro~1HW7H15	H8581	C2015 01 17.19316 06 07 42.64 +19 23 32.5	19.3	Ro~1HdHH15
F1748	C2015 01 17.17915 06 06 34.63 +17 15 13.9	19.4	Ro~1HZUH15	H9858	C2015 01 17.19316 06 12 56.89 +18 42 07.1	18.4	Ro~1HdQH15
H5808	C2015 01 17.17915 06 10 16.71 +17 40 45.9	20.1	Ro~1HcuH15	I9127	C2015 01 17.19316 06 08 20.79 +18 32 11.6	19.7	Ro~1HelH15
J1407	C2015 01 17.17915 06 12 53.05 +17 26 56.7	19.6	Ro~1Hf6H15	R2663	C2015 01 17.19316 06 08 48.16 +19 22 27.7	18.3	Ro~1HoaH15
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17933	C2015 01 17.18165 06 08 04.34 +18 13 21.7	18.9	Ro~1H3vH15	42671	C2015 01 17.19652 06 06 59.26 +15 56 00.1	17.9	Ro~1HBpH15
19638	C2015 01 17.18165 06 06 26.08 +18 21 21.4	19.3	Ro~1H4XH15	52023	C2015 01 17.19652 06 10 46.66 +15 22 53.7	18.7	Ro~1HEjH15
21063	C2015 01 17.18165 06 06 28.14 +18 15 55.3	19.4	Ro~1H51H15	53114	C2015 01 17.19652 06 06 23.52 +15 43 58.3	18.7	Ro~1HEwH15
24100	C2015 01 17.18165 06 07 12.77 +18 17 37.3	18.0	Ro~1H62H15	54329	C2015 01 17.19652 06 09 43.18 +15 41 17.7	18.9	Ro~1HFHH15
36875	C2015 01 17.18165 06 12 10.11 +19 14 32.6	19.6	Ro~1HA5H15	71597	C2015 01 17.19652 06 11 51.15 +14 57 25.3	19.1	Ro~1HJeH15
60926	C2015 01 17.18165 06 10 38.11 +18 35 21.2	19.0	Ro~1HGrH15	82352	C2015 01 17.19652 06 08 11.84 +15 55 37.7	18.4	Ro~1HMdH15
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F3628	C2015 01 17.18165 06 09 34.10 +19 18 55.0	20.0	Ro~1HZjH15	D7687	C2015 01 17.19652 06 11 32.92 +15 53 49.5	18.5	Ro~1HXIH15
F6351	C2015 01 17.18165 06 07 36.31 +18 25 23.1	19.5	Ro~1HaBH15	I5640	C2015 01 17.19652 06 07 57.25 +14 41 53.4	19.4	Ro~1HeDH15
F6625	C2015 01 17.18165 06 12 28.85 +18 05 42.7	19.7	Ro~1HaHH15	M8555	C2015 01 17.19652 06 12 19.64 +15 49 48.3	18.8	Ro~1HjMH15
H3579	C2015 01 17.18165 06 11 36.83 +19 06 12.5	19.8	Ro~1HcdH15	R4734	C2015 01 17.19652 06 12 39.48 +14 40 06.2	19.3	Ro~1HouH15
H8581	C2015 01 17.18165 06 07 43.17 +19 23 33.3	19.5	Ro~1HdHH15	R5064	C2015 01 17.19652 06 06 05.67 +15 38 35.9	19.2	Ro~1HoxH15
H9858	C2015 01 17.18165 06 12 57.50 +18 42 07.6	18.4	Ro~1HdQH15	01441	C2015 01 17.19903 06 12 24.78 +12 58 34.4	17.2	Ro~1GxMH15
I9127	C2015 01 17.18165 06 08 21.35 +18 32 06.2	19.6	Ro~1HelH15	11046	C2015 01 17.19903 06 06 52.15 +13 50 00.1	18.9	Ro~1H1PH15
R2663	C2015 01 17.18165 06 08 48.59 +19 22 20.8	18.2	Ro~1HoaH15	19441	C2015 01 17.19903 06 10 17.01 +13 17 48.5	19.1	Ro~1H4THl5
W3118	C2015 01 17.18165 06 09 09.56 +18 46 21.6	19.2	Ro~1HrvH15	20464	C2015 01 17.19903 06 11 05.74 +14 07 51.7	17.7	Ro~1H4qH15
04328	C2015 01 17.18563 06 09 30.84 +14 31 00.9	17.7	Ro~1GydH15	27518	C2015 01 17.19903 06 12 12.76 +14 12 01.5	18.5	Ro~1H7DH15
11530	C2015 01 17.18563 06 07 58.37 +14 46 58.9	18.3	Ro~1H1aH15	46350	C2015 01 17.19903 06 08 57.06 +13 22 09.6	18.6	Ro~1HD2H15
19386	C2015 01 17.18563 06 11 43.54 +14 21 00.6	17.2	Ro~1H4RH15	49529	C2015 01 17.19903 06 07 10.75 +13 04 18.4	18.9	Ro~1HE0H15
28900	C2015 01 17.18563 06 11 10.23 +14 18 05.4	18.0	Ro~1H7eH15	51644	C2015 01 17.19903 06 07 04.88 +13 39 15.7	18.8	Ro~1HEbH15

54810	C2015 01 17.19903 06 11 54.15 +12 42 59.5	19.0 Ro~1HFRH15
72846	C2015 01 17.19903 06 09 58.94 +13 03 48.9	18.7 Ro~1HK5H15
75063	C2015 01 17.19903 06 08 23.42 +12 55 36.4	17.9 Ro~1HKkH15
B5909	C2015 01 17.19903 06 10 00.06 +13 07 56.2	19.5 Ro~1HTYH15
J8820	C2015 01 17.19903 06 09 24.75 +13 43 02.6	19.1 Ro~1Hg6H15
05406	C2015 01 17.20153 06 12 01.13 +16 49 50.8	16.9 Ro~1Gz6H15
12058	C2015 01 17.20153 06 08 08.12 +16 36 08.6	19.1 Ro~1H11H15
20577	C2015 01 17.20153 06 11 09.68 +16 31 00.3	18.0 Ro~1H4sH15
26381	C2015 01 17.20153 06 09 17.81 +17 12 59.0	17.9 Ro~1H6mH15
26794	C2015 01 17.20153 06 10 12.65 +16 29 44.2	17.9 Ro~1H6xH15
34880	C2015 01 17.20153 06 12 29.04 +17 02 03.2	20.0 Ro~1H9SH15
41724	C2015 01 17.20153 06 06 49.49 +16 01 56.7	19.3 Ro~1HBYH15
54985	C2015 01 17.20153 06 09 31.42 +17 36 07.4	18.7 Ro~1HFTH15
64418	C2015 01 17.20153 06 08 02.53 +17 37 35.0	19.2 Ro~1HHiH15
67004	C2015 01 17.20153 06 11 46.35 +16 19 07.5	19.4 Ro~1HINH15
79202	C2015 01 17.20153 06 09 07.49 +17 07 45.1	20.2 Ro~1HLwH15
85215	C2015 01 17.20153 06 09 17.16 +17 17 13.9	18.7 Ro~1HNBH15
A0653	C2015 01 17.20153 06 09 35.20 +17 15 46.3	19.6 Ro~1HQ7H15
A2739	C2015 01 17.20153 06 07 17.38 +16 29 47.9	19.5 Ro~1HQZH15
B4339	C2015 01 17.20153 06 11 23.10 +17 20 52.8	19.6 Ro~1HT9H15
B4440	C2015 01 17.20153 06 10 06.25 +16 45 06.0	18.4 Ro~1HTBH15
C1835	C2015 01 17.20153 06 07 20.22 +16 36 00.3	19.3 Ro~1HUZH15
D1587	C2015 01 17.20153 06 09 16.38 +16 58 24.7	19.2 Ro~1HW7H15
F1748	C2015 01 17.20153 06 06 33.80 +17 15 21.6	19.4 Ro~1HZUH15
H5808	C2015 01 17.20153 06 10 15.66 +17 40 49.1	20.0 Ro~1HcuH15
J1407	C2015 01 17.20153 06 12 51.81 +17 26 55.1	19.5 Ro~1Hf6H15
J5637	C2015 01 17.20153 06 08 59.42 +17 21 26.8	19.6 Ro~1HfUH15
L4553	C2015 01 17.20153 06 08 22.58 +17 35 26.1	19.9 Ro~1HhNH15
M1712	C2015 01 17.20153 06 11 11.43 +16 06 18.1	19.8 Ro~1HiOH15
00294	C2015 01 17.20409 06 10 23.05 +18 18 12.5	15.5 Ro~1GwsH15
00527	C2015 01 17.20409 06 09 31.85 +18 27 31.5	14.8 Ro~1GwyH15
06305	C2015 01 17.20409 06 12 47.15 +19 34 13.4	17.5 Ro~1GzUH15
17933	C2015 01 17.20409 06 08 03.08 +18 13 21.2	18.7 Ro~1H3vH15
19638	C2015 01 17.20409 06 06 25.00 +18 21 25.7	19.6 Ro~1H4XH15
21063	C2015 01 17.20409 06 06 26.80 +18 16 00.0	19.3 Ro~1H51H15
24100	C2015 01 17.20409 06 07 11.67 +18 17 42.7	17.9 Ro~1H62H15
36875	C2015 01 17.20409 06 12 08.90 +19 14 34.1	19.3 Ro~1HA5H15
60926	C2015 01 17.20409 06 10 37.12 +18 35 21.1	18.6 Ro~1HGrH15
96912	C2015 01 17.20409 06 12 06.45 +17 58 02.6	19.0 Ro~1HPHH15
97378	C2015 01 17.20409 06 10 20.08 +17 52 06.7	19.2 Ro~1HPMH15
F3628	C2015 01 17.20409 06 09 33.13 +19 18 54.5	20.0 Ro~1HZjH15
F6351	C2015 01 17.20409 06 07 35.10 +18 25 37.1	19.5 Ro~1HaBH15
F6625	C2015 01 17.20409 06 12 27.79 +18 05 46.6	19.8 Ro~1HaHH15
H3579	C2015 01 17.20409 06 11 35.77 +19 06 14.6	19.2 Ro~1HcdH15
H8581	C2015 01 17.20409 06 07 42.05 +19 23 32.3	19.3 Ro~1HdHH15
H9858	C2015 01 17.20409 06 12 56.32 +18 42 06.4	18.2 Ro~1HdQH15
I9127	C2015 01 17.20409 06 08 20.33 +18 32 16.1	19.7 Ro~1He1H15
R2663	C2015 01 17.20409 06 08 47.79 +19 22 34.6	18.5 Ro~1HoaH15
W3118	C2015 01 17.20409 06 09 08.56 +18 46 25.6	19.4 Ro~1HrvH15
07159	C2015 01 17.20764 06 17 59.76 +15 53 32.2	17.4 Ro~1GzrH15
17662	C2015 01 17.20764 06 15 50.91 +14 54 43.7	16.1 Ro~1H3qH15
19563	C2015 01 17.20764 06 20 25.10 +15 03 23.1	18.9 Ro~1H4VH15
24086	C2015 01 17.20764 06 16 59.22 +15 19 12.2	18.6 Ro~1H61H15
24343	C2015 01 17.20764 06 15 53.64 +15 38 01.1	18.4 Ro~1H67H15
26058	C2015 01 17.20764 06 18 06.00 +15 04 27.0	18.4 Ro~1H6fH15
26084	C2015 01 17.20764 06 14 47.46 +15 06 26.3	19.3 Ro~1H6gH15
32404	C2015 01 17.20764 06 19 43.91 +15 17 16.1	18.0 Ro~1H8kH15
39359	C2015 01 17.20764 06 15 01.34 +15 44 03.6	19.2 Ro~1HApH15
42882	C2015 01 17.20764 06 16 00.58 +14 35 01.2	19.2 Ro~1HBuH15
50361	C2015 01 17.20764 06 17 31.70 +14 35 41.3	18.6 Ro~1HEDH15
63516	C2015 01 17.20764 06 16 51.12 +14 51 16.2	18.6 Ro~1HHWH15
65551	C2015 01 17.20764 06 16 22.86 +15 23 29.9	19.3 Ro~1HHzH15
71349	C2015 01 17.20764 06 17 04.50 +15 28 23.3	17.9 Ro~1HJaH15
73663	C2015 01 17.20764 06 16 49.81 +14 23 48.8	19.0 Ro~1HKJH15
78205	C2015 01 17.20764 06 19 36.15 +14 55 49.7	19.3 Ro~1HLdH15
81756	C2015 01 17.20764 06 17 04.30 +15 07 10.9	19.5 Ro~1HMUH15
B0575	C2015 01 17.20764 06 20 30.98 +14 34 26.0	18.9 Ro~1HSIH15
B4724	C2015 01 17.20764 06 17 11.69 +14 17 02.4	18.5 Ro~1HTEH15
H8844	C2015 01 17.20764 06 20 08.65 +14 36 40.8	19.0 Ro~1HdJH15
L7772	C2015 01 17.20764 06 14 34.95 +14 18 39.8	19.3 Ro~1Hh1H15
a6380	C2015 01 17.20764 06 17 27.44 +14 42 03.3	19.4 Ro~1HuWH15
12090	C2015 01 17.21019 06 18 22.61 +13 46 54.8	19.1 Ro~1H1mH15
15819	C2015 01 17.21019 06 15 51.16 +12 27 57.6	18.0 Ro~1H38H15
24021	C2015 01 17.21019 06 15 04.98 +12 30 20.0	19.0 Ro~1H60H15
27030	C2015 01 17.21019 06 13 59.12 +13 35 44.7	18.3 Ro~1H73H15
59562	C2015 01 17.21019 06 20 06.02 +12 48 22.5	19.2 Ro~1HGXH15
C2916	C2015 01 17.21019 06 18 18.06 +13 41 14.8	17.5 Ro~1HU1H15
D4567	C2015 01 17.21019 06 17 19.11 +12 50 47.3	19.2 Ro~1HWiH15
L9435	C2015 01 17.21019 06 17 12.77 +13 47 45.7	19.1 Ro~1Hi2H15
O7505	C2015 01 17.21019 06 17 12.67 +12 52 14.9	19.0 Ro~1Hl1EH15
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12020	C2015 01 17.21276 06 15 31.62 +17 32 27.4	16.6 Ro~1H1kH15
16001	C2015 01 17.21276 06 20 01.28 +16 24 47.7	19.2 Ro~1H3EH15
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54325	C2015 01 17.21276 06 16 32.27 +17 17 55.4	19.5 Ro~1HFHH15
68082	C2015 01 17.21276 06 14 52.79 +17 32 31.2	18.0 Ro~1HIkH15
69345	C2015 01 17.21276 06 15 19.93 +17 06 08.0	19.6 Ro~1HJ3H15
79044	C2015 01 17.21276 06 17 18.54 +16 30 43.3	18.2 Ro~1HLtH15
87818	C2015 01 17.21276 06 18 28.92 +16 26 36.5	19.4 Ro~1HNdH15
A2244	C2015 01 17.21276 06 18 06.94 +17 31 42.4	18.6 Ro~1HQTH15
B3795	C2015 01 17.21276 06 19 34.83 +16 11 11.2	18.6 Ro~1HT4H15
G5198	C2015 01 17.21276 06 18 08.09 +16 25 07.6	19.7 Ro~1HbUH15
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07262	C2015 01 17.21535 06 20 23.09 +18 17 02.6	18.1 Ro~1GzvH15
31053	C2015 01 17.21535 06 16 51.33 +17 59 22.4	18.4 Ro~1H8JH15
46361	C2015 01 17.21535 06 18 47.51 +18 28 16.3	18.5 Ro~1HD2H15
74425	C2015 01 17.21535 06 19 33.71 +18 09 18.6	18.7 Ro~1HKUH15
87100	C2015 01 17.21535 06 13 59.35 +18 29 43.4	19.1 Ro~1HNRH15
A2644	C2015 01 17.21535 06 13 49.07 +18 32 31.2	19.3 Ro~1HQYH15
07159	C2015 01 17.21846 06 17 59.17 +15 53 32.9	17.5 Ro~1GzrH15
17662	C2015 01 17.21846 06 15 50.36 +14 54 42.4	16.1 Ro~1H3qH15
19563	C2015 01 17.21846 06 20 24.41 +15 03 24.6	19.2 Ro~1H4VH15
24086	C2015 01 17.21846 06 16 58.70 +15 19 12.7	18.6 Ro~1H61H15
24343	C2015 01 17.21846 06 15 53.12 +15 38 03.5	18.4 Ro~1H67H15
26058	C2015 01 17.21846 06 18 05.51 +15 04 27.0	18.7 Ro~1H6fH15
26084	C2015 01 17.21846 06 14 46.90 +15 06 26.9	19.5 Ro~1H6gH15
32404	C2015 01 17.21846 06 19 43.35 +15 17 14.3	17.8 Ro~1H8kH15
39359	C2015 01 17.21846 06 15 00.78 +15 44 06.6	19.3 Ro~1HApH15
42882	C2015 01 17.21846 06 16 00.00 +14 35 03.1	19.3 Ro~1HBuH15
50361	C2015 01 17.21846 06 17 31.18 +14 35 44.3	18.7 Ro~1HEDH15
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65551	C2015 01 17.21846 06 16 22.38 +15 23 32.7	19.3 Ro~1HHzH15
71349	C2015 01 17.21846 06 17 04.01 +15 28 27.4	17.9 Ro~1HJaH15
73663	C2015 01 17.21846 06 16 49.24 +14 23 50.6	19.3 Ro~1HKJH15
78205	C2015 01 17.21846 06 19 35.72 +14 55 52.2	19.3 Ro~1HLdH15
81756	C2015 01 17.21846 06 17 03.77 +15 07 10.8	19.8 Ro~1HMUH15
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B4724	C2015 01 17.21846 06 17 11.14 +14 17 09.2	18.5 Ro~1HTEH15
H8844	C2015 01 17.21846 06 20 08.08 +14 36 43.1	19.0 Ro~1HdJH15
L7772	C2015 01 17.21846 06 14 34.45 +14 18 39.5	19.4 Ro~1Hh1H15
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15819	C2015 01 17.22109 06 15 50.54 +12 27 59.8	18.0 Ro~1H38H15
24021	C2015 01 17.22109 06 15 04.39 +12 30 22.4	19.2 Ro~1H60H15
27030	C2015 01 17.22109 06 13 58.59 +13 35 49.9	18.5 Ro~1H73H15
59562	C2015 01 17.22109 06 20 05.48 +12 48 21.8	19.1 Ro~1HGXH15
C2916	C2015 01 17.22109 06 18 17.37 +13 41 10.4	17.8 Ro~1HU1H15
D4567	C2015 01 17.22109 06 17 18.57 +12 50 48.8	19.3 Ro~1HWiH15
L9435	C2015 01 17.22109 06 17 12.30 +13 47 46.5	19.5 Ro~1Hi2H15
O7505	C2015 01 17.22109 06 17 12.17 +12 52 13.8	18.7 Ro~1Hl1EH15
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10750	C2015 01 17.22358 06 14 44.76 +16 30 57.9	18.5 Ro~1H1HH15
12020	C2015 01 17.22358 06 15 31.04 +17 32 25.6	16.6 Ro~1H1kH15
16001	C2015 01 17.22358 06 20 00.78 +16 24 48.7	19.4 Ro~1H3EH15
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54325	C2015 01 17.22358 06 16 31.84 +17 17 57.7	19.5 Ro~1HFHH15
68082	C2015 01 17.22358 06 14 52.25 +17 32 36.8	18.0 Ro~1HIkH15
69345	C2015 01 17.22358 06 15 19.40 +17 06 09.7	19.4 Ro~1HJ3H15
79044	C2015 01 17.22358 06 17 18.03 +16 30 46.7	18.5 Ro~1HLtH15
87818	C2015 01 17.22358 06 18 28.39 +16 26 38.7	19.6 Ro~1HNdH15
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B3795	C2015 01 17.22358 06 19 34.35 +16 11 11.9	18.8 Ro~1HT4H15
G5198	C2015 01 17.22358 06 18 07.50 +16 25 07.3	19.8 Ro~1HbUH15
01514	C2015 01 17.22616 06 15 02.06 +18 25 45.1	16.6 Ro~1GxPH15
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46361	C2015 01 17.22616 06 18 46.93 +18 28 16.4	18.5 Ro~1HD2H15
74425	C2015 01 17.22616 06 19 33.23 +18 09 22.6	18.8 Ro~1HKUH15
87100	C2015 01 17.22616 06 13 58.74 +18 29 42.1	18.8 Ro~1HNRH15
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71349	C2015 01 17.22968 06 17 03.47 +15 28 31.9	17.8 Ro~1HJaH15
73663	C2015 01 17.22968 06 16 48.54 +14 23 53.3	19.0 Ro~1HKJH15
78205	C2015 01 17.22968 06 19 35.14 +14 55 55.9	19.2 Ro~1HLdH15
81756	C2015 01 17.22968 06 17 03.07 +15 07 08.8	19.6 Ro~1HMUH15
B0575	C2015 01 17.22968 06 20 29.79 +14 34 24.0	19.2 Ro~1HSIH15
B4724	C2015 01 17.22968 06 17 10.66 +14 17 16.6	18.7 Ro~1HTEH15
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D4567	C2015 01 17.23250 06 17 18.00 +12 50 50.3	19.1 Ro~1HWiH15
L9435	C2015 01 17.23250 06 17 11.74 +13 47 46.4	19.2 Ro~1Hi2H15
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10567	C2015 01 17.23556 06 16 39.68 +17 02 36.9	17.8 Ro~1H1CH15
10750	C2015 01 17.23556 06 14 44.10 +16 31 01.0	18.6 Ro~1H1HH15
12020	C2015 01 17.23556 06 15 30.42 +17 32 23.4	16.8 Ro~1H1kH15
16001	C2015 01 17.23556 06 20 00.24 +16 24 49.9	19.7 Ro~1H3EH15
43417	C2015 01 17.23556 06 17 09.32 +16 44 32.7	18.4 Ro~1HC4H15
54325	C2015 01 17.23556 06 16 31.29 +17 17 58.9	19.7 Ro~1HFHH15
68082	C2015 01 17.23556 06 14 51.62 +17 32 42.8	18.3 Ro~1HIkH15
69345	C2015 01 17.23556 06 15 18.81 +17 06 12.6	19.8 Ro~1HJ3H15
79044	C2015 01 17.23556 06 17 17.54 +16 30 50.4	18.8 Ro~1HLtH15

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G5198	C2015 01 17.23556 06 18 06.81 +16 25 07.0	19.9 Ro~1HbUH15
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31053	C2015 01 17.23807 06 16 50.18 +17 59 25.8	18.5 Ro~1H8JH15
46361	C2015 01 17.23807 06 18 46.25 +18 28 15.4	19.1 Ro~1HD2H15
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87100	C2015 01 17.23807 06 13 58.07 +18 29 40.8	18.9 Ro~1HNRH15
A2644	C2015 01 17.23807 06 13 47.94 +18 32 33.7	19.5 Ro~1HQYH15
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25455	C2015 01 17.24060 06 23 32.34 +14 36 40.9	18.1 Ro~1H6TH15
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39519	C2015 01 17.24060 06 23 19.31 +15 40 40.9	18.0 Ro~1HAsH15
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41335	C2015 01 17.24060 06 25 11.14 +15 17 44.9	19.3 Ro~1HBQH15
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61102	C2015 01 17.24060 06 21 48.38 +14 30 24.3	18.9 Ro~1HGvH15
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19049	C2015 01 17.24315 06 21 13.35 +12 41 41.5	18.1 Ro~1H4KH15
22897	C2015 01 17.24315 06 21 49.21 +13 33 38.6	17.3 Ro~1H5dH15
41934	C2015 01 17.24315 06 24 33.22 +13 53 16.9	18.4 Ro~1HBcH15
45431	C2015 01 17.24315 06 24 23.48 +12 43 22.2	18.7 Ro~1HChH15
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58672	C2015 01 17.24315 06 22 53.18 +13 28 57.5	17.3 Ro~1HGLH15
78232	C2015 01 17.24315 06 26 41.77 +13 18 27.7	19.1 Ro~1HLdH15
93476	C2015 01 17.24315 06 21 12.55 +13 35 14.0	19.1 Ro~1HOeH15
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01167	C2015 01 17.24568 06 22 48.01 +16 52 24.4	15.3 Ro~1GxFH15
01728	C2015 01 17.24568 06 24 11.89 +15 57 44.1	15.4 Ro~1GxVH15
08005	C2015 01 17.24568 06 27 27.68 +17 10 28.4	18.2 Ro~1H0DH15
08251	C2015 01 17.24568 06 26 35.08 +17 31 32.3	17.3 Ro~1H0JH15
09194	C2015 01 17.24568 06 26 32.24 +17 14 38.5	17.7 Ro~1H0hH15
13077	C2015 01 17.24568 06 24 15.29 +16 46 32.9	18.5 Ro~1H27H15
14218	C2015 01 17.24568 06 22 24.24 +16 48 36.5	17.2 Ro~1H2VH15
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25062	C2015 01 17.24568 06 22 17.81 +17 11 39.2	19.5 Ro~1H6LH15
44942	C2015 01 17.24568 06 23 21.44 +16 01 33.2	17.7 Ro~1HCXH15
69437	C2015 01 17.24568 06 24 36.50 +16 36 36.3	19.4 Ro~1HJ4H15
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95660	C2015 01 17.24568 06 22 55.19 +16 28 13.3	19.5 Ro~1HP3H15
F7082	C2015 01 17.24568 06 23 55.60 +16 38 23.2	18.6 Ro~1HaLH15
N0721	C2015 01 17.24568 06 24 00.05 +16 05 52.9	19.8 Ro~1HjiH15
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03756	C2015 01 17.24823 06 28 09.75 +18 26 46.5	17.5 Ro~1GyOH15
04314	C2015 01 17.24823 06 21 44.32 +19 17 38.3	17.9 Ro~1GycH15
08753	C2015 01 17.24823 06 26 32.88 +19 20 46.1	19.0 Ro~1H0XH15
26350	C2015 01 17.24823 06 21 53.06 +17 57 52.2	18.9 Ro~1H6kH15
34160	C2015 01 17.24823 06 25 44.64 +18 46 06.6	18.6 Ro~1H9GH15
36304	C2015 01 17.24823 06 22 13.60 +18 29 29.0	19.2 Ro~1H9tH15
37845	C2015 01 17.24823 06 28 21.02 +18 28 16.7	18.3 Ro~1HAOH15
44158	C2015 01 17.24823 06 22 49.51 +17 45 11.3	19.2 Ro~1HCJH15
44645	C2015 01 17.24823 06 28 09.39 +17 47 07.0	18.3 Ro~1HCQH15
59828	C2015 01 17.24823 06 26 26.19 +18 28 58.7	19.3 Ro~1HGeH15
73850	C2015 01 17.24823 06 25 43.53 +18 26 11.5	19.2 Ro~1HKMH15
D4654	C2015 01 17.24823 06 23 26.59 +19 13 23.8	19.6 Ro~1HWkH15
D8949	C2015 01 17.24823 06 24 56.49 +18 47 58.2	19.6 Ro~1HXUH15
E7334	C2015 01 17.24823 06 26 10.05 +18 12 21.9	18.9 Ro~1HYnH15
E7865	C2015 01 17.24823 06 21 23.61 +18 36 41.1	19.5 Ro~1HYsH15
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O7432	C2015 01 17.24823 06 25 03.39 +19 26 19.6	19.6 Ro~1Hl0H15
P8259	C2015 01 17.24823 06 26 20.24 +18 18 12.9	18.7 Ro~1HmVH15
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25455	C2015 01 17.25180 06 23 31.76 +14 36 42.8	18.3 Ro~1H6TH15
25583	C2015 01 17.25180 06 21 47.31 +14 38 58.6	17.6 Ro~1H6UH15
39519	C2015 01 17.25180 06 23 18.70 +15 40 40.6	18.1 Ro~1HAsH15
39566	C2015 01 17.25180 06 25 04.11 +14 51 43.2	18.9 Ro~1HAuH15
41335	C2015 01 17.25180 06 25 10.47 +15 17 48.4	19.5 Ro~1HBQH15
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56688	C2015 01 17.25180 06 21 55.04 +14 21 04.7	19.0 Ro~1HFsH15
61102	C2015 01 17.25180 06 21 47.91 +14 30 23.5	19.1 Ro~1HGvH15
76780	C2015 01 17.25180 06 22 05.00 +15 53 43.7	19.0 Ro~1HLDH15
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12543	C2015 01 17.25434 06 26 17.44 +12 43 08.5	17.9 Ro~1H1wH15
14384	C2015 01 17.25434 06 25 47.27 +13 45 08.8	18.6 Ro~1H2ZH15
19049	C2015 01 17.25434 06 21 12.83 +12 41 44.2	17.9 Ro~1H4KH15
22897	C2015 01 17.25434 06 21 48.60 +13 33 39.6	17.3 Ro~1H5dH15
41934	C2015 01 17.25434 06 24 32.71 +13 53 19.5	18.0 Ro~1HBcH15
45431	C2015 01 17.25434 06 24 22.88 +12 43 24.5	18.6 Ro~1HChH15
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53124	C2015 01 17.25434 06 22 51.86 +13 26 12.2	19.0 Ro~1HExH15
58672	C2015 01 17.25434 06 22 52.60 +13 28 55.1	17.3 Ro~1HGLH15
78232	C2015 01 17.25434 06 26 41.15 +13 18 26.1	18.9 Ro~1HLdH15
93476	C2015 01 17.25434 06 21 11.95 +13 35 18.2	19.0 Ro~1HOeH15
P4452	C2015 01 17.25434 06 22 49.09 +13 16 02.2	19.3 Ro~1Hm3H15
01167	C2015 01 17.25688 06 22 47.49 +16 52 24.9	15.2 Ro~1GxFH15
01728	C2015 01 17.25688 06 24 11.29 +15 57 44.5	15.4 Ro~1GxVH15
08005	C2015 01 17.25688 06 27 27.03 +17 10 30.5	18.0 Ro~1H0DH15
08251	C2015 01 17.25688 06 26 34.51 +17 31 34.9	17.1 Ro~1H0JH15
09194	C2015 01 17.25688 06 26 31.62 +17 14 42.9	17.5 Ro~1H0hH15
13077	C2015 01 17.25688 06 24 14.63 +16 46 34.0	18.3 Ro~1H27H15
14218	C2015 01 17.25688 06 22 23.62 +16 48 36.6	17.2 Ro~1H2VH15
19349	C2015 01 17.25688 06 23 23.67 +16 16 34.7	18.0 Ro~1H4QH15
23589	C2015 01 17.25688 06 22 17.76 +17 19 11.4	19.2 Ro~1H5qH15
25062	C2015 01 17.25688 06 22 17.27 +17 11 39.0	19.1 Ro~1H6LH15
44942	C2015 01 17.25688 06 23 20.87 +16 01 33.2	17.8 Ro~1HCXH15
69437	C2015 01 17.25688 06 24 36.06 +16 36 38.1	19.5 Ro~1HJ4H15
80561	C2015 01 17.25688 06 22 54.08 +16 26 46.4	18.6 Ro~1HM9H15
95660	C2015 01 17.25688 06 22 54.67 +16 28 13.8	18.9 Ro~1HP3H15
F7082	C2015 01 17.25688 06 23 55.06 +16 38 27.7	18.5 Ro~1HaLH15
N0721	C2015 01 17.25688 06 23 59.54 +16 05 53.9	19.4 Ro~1HjiH15
O8195	C2015 01 17.25688 06 26 42.89 +17 32 57.7	19.7 Ro~1HlKH15
02724	C2015 01 17.25939 06 23 41.64 +18 56 02.1	16.4 Ro~1GxyH15
03756	C2015 01 17.25939 06 28 09.11 +18 26 47.0	17.4 Ro~1GyOH15
04314	C2015 01 17.25939 06 21 43.69 +19 17 37.9	17.9 Ro~1GycH15
08753	C2015 01 17.25939 06 26 32.20 +19 20 47.5	18.8 Ro~1H0XH15
26350	C2015 01 17.25939 06 21 52.55 +17 57 51.9	18.9 Ro~1H6lH15
34160	C2015 01 17.25939 06 25 43.95 +18 46 08.0	18.6 Ro~1H9GH15
36304	C2015 01 17.25939 06 22 13.04 +18 29 29.8	19.2 Ro~1H9tH15
37845	C2015 01 17.25939 06 28 20.33 +18 28 19.0	18.2 Ro~1HAOH15
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59828	C2015 01 17.25939 06 26 25.66 +18 29 00.3	19.0 Ro~1HGeH15
73850	C2015 01 17.25939 06 25 43.00 +18 26 11.5	18.8 Ro~1HKMH15
D4654	C2015 01 17.25939 06 23 25.98 +19 13 24.7	19.4 Ro~1HWkH15
D8949	C2015 01 17.25939 06 24 55.88 +18 48 00.7	19.4 Ro~1HXUH15
E7334	C2015 01 17.25939 06 26 09.51 +18 12 25.7	18.8 Ro~1HYnH15
E7865	C2015 01 17.25939 06 21 23.07 +18 36 41.2	19.5 Ro~1HYsH15
J1047	C2015 01 17.25939 06 27 05.47 +18 32 01.4	19.4 Ro~1Hf0H15
K9281	C2015 01 17.25939 06 25 36.60 +18 49 02.5	18.4 Ro~1HgxH15
O7432	C2015 01 17.25939 06 25 02.76 +19 26 18.4	19.4 Ro~1Hl0H15
P8259	C2015 01 17.25939 06 26 19.83 +18 18 19.4	18.7 Ro~1HmVH15
07080	C2015 01 17.26258 06 23 06.47 +14 57 51.8	18.1 Ro~1GzpH15
10559	C2015 01 17.26258 06 23 14.39 +15 08 54.7	18.5 Ro~1H1BH15
21612	C2015 01 17.26258 06 25 33.15 +15 12 32.3	16.8 Ro~1H5DH15
25455	C2015 01 17.26258 06 23 31.18 +14 36 44.5	18.0 Ro~1H6TH15
25583	C2015 01 17.26258 06 21 46.77 +14 38 58.6	17.4 Ro~1H6UH15
39519	C2015 01 17.26258 06 23 18.07 +15 40 40.9	18.0 Ro~1HAsH15
39566	C2015 01 17.26258 06 25 03.48 +14 51 43.8	18.9 Ro~1HAuH15
41335	C2015 01 17.26258 06 25 09.84 +15 17 52.6	19.3 Ro~1HBQH15
50404	C2015 01 17.26258 06 26 36.79 +15 02 25.7	18.5 Ro~1HEDH15
56688	C2015 01 17.26258 06 21 54.52 +14 21 05.2	19.1 Ro~1HFsH15
61102	C2015 01 17.26258 06 21 47.41 +14 30 22.5	19.0 Ro~1HGvH15
76780	C2015 01 17.26258 06 22 04.50 +15 53 47.1	19.0 Ro~1HLDH15
A6402	C2015 01 17.26258 06 24 47.31 +14 45 04.4	19.0 Ro~1HRGH15
12543	C2015 01 17.26522 06 26 16.84 +12 43 10.5	18.0 Ro~1H1wH15
14384	C2015 01 17.26522 06 25 46.80 +13 45 10.0	18.8 Ro~1H2ZH15
19049	C2015 01 17.26522 06 21 12.28 +12 41 45.7	17.8 Ro~1H4KH15
22897	C2015 01 17.26522 06 21 48.00 +13 33 40.7	17.3 Ro~1H5dH15
41934	C2015 01 17.26522 06 24 32.09 +13 53 21.9	18.1 Ro~1HBcH15
45431	C2015 01 17.26522 06 24 22.32 +12 43 26.4	19.0 Ro~1HChH15
48029	C2015 01 17.26522 06 21 03.10 +13 20 03.8	19.5 Ro~1HDZH15
53124	C2015 01 17.26522 06 22 51.41 +13 26 16.0	19.0 Ro~1HExH15
58672	C2015 01 17.26522 06 22 52.01 +13 28 53.1	17.3 Ro~1HGLH15
78232	C2015 01 17.26522 06 26 40.62 +13 18 25.1	19.0 Ro~1HLdH15
93476	C2015 01 17.26522 06 21 11.45 +13 35 22.6	19.2 Ro~1HOeH15
P4452	C2015 01 17.26522 06 22 48.55 +13 16 05.6	19.5 Ro~1Hm3H15
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01728	C2015 01 17.26775 06 24 10.69 +15 57 44.3	15.4 Ro~1GxVH15
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F7082	C2015 01 17.26775 06 23 54.50 +16 38 32.6	18.7 Ro~1HaLH15
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45733    C2015 01 17.27384 07 12 32.79 +08 55 56.2          18.7 Ro~1HCqH15
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64962    C2015 01 17.27384 07 08 49.81 +09 49 22.3          19.3 Ro~1HHrH15
78616    C2015 01 17.27384 07 14 18.37 +08 53 07.0          19.9 Ro~1HLkH15
87522    C2015 01 17.27384 07 10 29.79 +09 36 54.4          19.0 Ro~1HNYH15
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C0309    C2015 01 17.27897 07 16 03.14 +03 02 38.5          19.0 Ro~1HUMH15
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64962    C2015 01 17.29599 07 08 48.56 +09 49 29.9          19.5 Ro~1HHrH15
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77898	C2015 01 18.46875 12 54 19.21 +00 43 23.2	18.9	Ro~lHLXH15	12732	C2015 01 18.50125 13 09 18.10 -00 08 06.2	18.0	Ro~lH20H15
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F4573	C2015 01 18.46875 12 56 11.28 +00 07 56.4	19.4	Ro~lHZxH15	23111	C2015 01 18.50125 13 10 59.28 -00 17 38.8	18.0	Ro~lH5hH15
J7348	C2015 01 18.46875 12 54 55.89 +00 14 36.7	19.5	Ro~lHfvH15	27169	C2015 01 18.50125 13 11 11.57 -00 19 58.9	18.2	Ro~lH74H15
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F3485	C2015 01 18.47302 07 55 51.75 +15 59 50.4	18.4	Ro~lHZiH15	67416	C2015 01 18.50125 13 08 21.60 +00 25 54.5	19.6	Ro~lHITH15
F6268	C2015 01 18.47302 07 55 07.18 +15 26 11.2	19.1	Ro~lHa9H15	D4946	C2015 01 18.50125 13 10 35.75 -00 26 32.6	19.2	Ro~lHWoH15
P8171	C2015 01 18.47302 07 56 28.52 +16 18 06.8	19.1	Ro~lHmUH15	00454	C2015 01 18.50447 13 02 28.98 -01 12 09.4	13.2	Ro~lGwvH15
03631	C2015 01 18.47596 12 53 30.45 +01 38 13.8	16.8	Ro~lGyKH15	04701	C2015 01 18.50447 13 04 06.65 -02 30 31.2	19.0	Ro~lGynH15
17985	C2015 01 18.47596 12 58 01.25 +01 50 18.0	18.6	Ro~lH3xH15	07250	C2015 01 18.50447 13 04 13.41 -02 12 18.3	18.6	Ro~lGzuH15
21789	C2015 01 18.47596 12 56 30.50 +01 25 30.7	18.8	Ro~lH5HH15	17663	C2015 01 18.50447 13 01 51.98 -01 44 06.0	18.7	Ro~lH3qH15
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76627	C2015 01 18.47596 12 59 05.40 +02 13 45.2	19.5	Ro~lHL9H15	41986	C2015 01 18.50447 13 01 38.28 -01 17 02.6	18.6	Ro~lHBdH15
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14173	C2015 01 18.47962 12 57 58.86 +00 29 13.2	18.6	Ro~lH2UH15	0022P	C2015 01 18.50447 13 03 04.49 -01 53 04.3	16.4	To91840H15
15966	C2015 01 18.47962 12 59 33.13 -00 05 22.9	18.2	Ro~lH3DH15	03647	C2015 01 18.50696 13 05 58.06 +00 39 18.6	16.7	Ro~lGyKH15
20197	C2015 01 18.47962 12 59 18.05 +00 39 56.8	18.4	Ro~lH4jH15	03823	C2015 01 18.50696 13 00 38.70 -00 15 46.1	17.4	Ro~lGyPH15
21636	C2015 01 18.47962 12 54 50.61 -00 42 04.1	18.9	Ro~lH5EH15	07069	C2015 01 18.50696 13 04 59.04 -00 08 29.4	17.6	Ro~lGzoH15
25555	C2015 01 18.47962 12 56 38.88 -00 04 21.1	19.0	Ro~lH6UH15	15400	C2015 01 18.50696 13 06 07.36 -00 39 28.4	19.0	Ro~lH2yH15
29873	C2015 01 18.47962 12 54 50.02 +00 19 07.4	18.7	Ro~lH7xH15	17352	C2015 01 18.50696 13 00 09.38 +00 47 41.1	18.9	Ro~lH3jH15
30497	C2015 01 18.47962 12 56 49.95 +00 05 56.2	17.5	Ro~lH8AH15	32403	C2015 01 18.50696 13 03 27.54 -00 07 55.5	19.4	Ro~lH8kH15
39922	C2015 01 18.47962 12 55 40.03 -00 39 38.0	18.7	Ro~lHB1H15	36969	C2015 01 18.50696 13 04 08.29 -00 33 36.3	17.6	Ro~lHA7H15
42651	C2015 01 18.47962 12 55 20.22 -00 15 33.0	19.3	Ro~lHBpH15	44141	C2015 01 18.50696 13 00 49.41 +00 42 11.5	18.9	Ro~lHCIH15
68522	C2015 01 18.47962 12 56 28.60 +00 19 14.7	18.9	Ro~lHIqH15	54755	C2015 01 18.50696 13 00 54.13 +00 04 24.1	18.8	Ro~lHFPH15
77898	C2015 01 18.47962 12 54 19.45 +00 43 20.0	18.9	Ro~lHLXH15	67962	C2015 01 18.50696 13 01 13.75 -00 05 43.4	19.1	Ro~lHIhH15
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F4573	C2015 01 18.47962 12 56 11.77 +00 07 52.1	19.2	Ro~lHZxH15	01880	C2015 01 18.50957 13 08 28.20 -02 04 20.0	17.3	Ro~lGxZH15
J7348	C2015 01 18.47962 12 54 56.41 +00 14 32.2	19.2	Ro~lHfvH15	01914	C2015 01 18.50957 13 08 41.81 -01 29 07.4	16.3	Ro~lGxaH15
14752	C2015 01 18.48384 07 54 52.74 +16 34 26.0	18.5	Ro~lH2iH15	07183	C2015 01 18.50957 13 07 38.96 -01 32 43.7	17.8	Ro~lGzsH15
27976	C2015 01 18.48384 07 53 07.68 +16 34 28.6	17.4	Ro~lH7LH15	07241	C2015 01 18.50957 13 10 18.55 -02 19 42.9	18.0	Ro~lGzuH15
28353	C2015 01 18.48384 07 53 50.24 +15 20 13.7	18.8	Ro~lH7SH15	12772	C2015 01 18.50957 13 07 46.96 -01 13 46.4	18.9	Ro~lH21H15
41210	C2015 01 18.48384 07 55 46.36 +16 17 50.5	18.0	Ro~lHBNH15	23887	C2015 01 18.50957 13 11 45.07 -00 53 29.4	19.1	Ro~lH5wH15
41922	C2015 01 18.48384 07 58 55.61 +15 30 29.7	18.9	Ro~lHBcH15	43331	C2015 01 18.50957 13 11 34.16 -01 51 03.8	18.1	Ro~lHC2H15
45649	C2015 01 18.48384 07 52 30.36 +15 58 06.5	18.9	Ro~lHCnH15	A2861	C2015 01 18.50957 13 11 07.06 -01 05 46.5	19.5	Ro~lHQbH15
F3485	C2015 01 18.48384 07 55 51.11 +15 59 52.9	18.5	Ro~lHZiH15	00520	C2015 01 18.51300 13 08 40.74 +00 46 18.0	16.4	Ro~lGwyH15
F6268	C2015 01 18.48384 07 55 06.54 +15 26 11.4	19.1	Ro~lHa9H15	01664	C2015 01 18.51300 13 07 39.90 +00 42 41.2	16.1	Ro~lGxUH15
P8171	C2015 01 18.48384 07 56 27.84 +16 18 10.9	19.0	Ro~lHmUH15	12732	C2015 01 18.51300 13 09 18.85 -00 08 08.1	18.2	Ro~lH20H15
03631	C2015 01 18.48682 12 53 30.72 +01 38 15.6	16.8	Ro~lGyKH15	17870	C2015 01 18.51300 13 11 10.20 +00 37 47.6	19.1	Ro~lH3uH15
17985	C2015 01 18.48682 12 58 01.71 +01 50 17.0	18.5	Ro~lH3xH15	23111	C2015 01 18.51300 13 10 59.93 -00 17 39.5	18.0	Ro~lH5hH15
21789	C2015 01 18.48682 12 56 30.84 +01 25 30.4	19.2	Ro~lH5HH15	27169	C2015 01 18.51300 13 11 11.95 -00 19 58.2	18.2	Ro~lH74H15
22924	C2015 01 18.48682 12 56 42.29 +02 38 28.2	19.4	Ro~lH5dH15	33125	C2015 01 18.51300 13 08 23.35 -00 14 49.0	19.4	Ro~lH8vH15
58148	C2015 01 18.48682 12 56 15.43 +01 00 26.4	19.7	Ro~lHGEH15	33315	C2015 01 18.51300 13 09 51.11 -00 22 45.2	19.5	Ro~lH8zH15
76627	C2015 01 18.48682 12 59 05.72 +02 13 45.6	19.6	Ro~lHL9H15	33819	C2015 01 18.51300 13 08 47.95 +00 33 01.6	19.3	Ro~lH99H15
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P9739	C2015 01 18.48682 12 56 19.41 +01 33 57.9	19.1	Ro~lHmnH15	44787	C2015 01 18.51300 13 09 06.66 -00 21 00.2	19.0	Ro~lHCUH15
14173	C2015 01 18.49037 12 57 59.23 +00 29 11.7	18.8	Ro~lH2UH15	59463	C2015 01 18.51300 13 07 34.24 -00 06 41.3	19.4	Ro~lHGVH15
15966	C2015 01 18.49037 12 59 33.36 -00 05 23.0	18.3	Ro~lH3DH15	67416	C2015 01 18.51300 13 08 22.29 +00 25 53.3	19.4	Ro~lHITH15
20197	C2015 01 18.49037 12 59 18.56 +00 39 58.4	18.5	Ro~lH4jH15	D4946	C2015 01 18.51300 13 10 36.44 -00 26 29.1	19.5	Ro~lHWoH15
21636	C2015 01 18.49037 12 54 51.03 -00 42 05.2	18.8	Ro~lH5EH15	00454	C2015 01 18.51597 13 02 29.49 -01 12 12.5	13.6	Ro~lGwvH15
25555	C2015 01 18.49037 12 56 39.18 -00 04 22.3	18.8	Ro~lH6UH15	04701	C2015 01 18.51597 13 04 07.01 -02 30 34.4	18.6	Ro~lGynH15
29873	C2015 01 18.49037 12 54 50.52 +00 19 05.9	18.5	Ro~lH7xH15	07250	C2015 01 18.51597 13 04 13.77 -02 12 18.6	19.3	Ro~lGzuH15
30497	C2015 01 18.49037 12 56 50.28 +00 05 57.3	17.6	Ro~lH8AH15	17663	C2015 01 18.51597 13 01 52.28 -01 44 07.8	19.1	Ro~lH3qH15
39922	C2015 01 18.49037 12 55 40.26 -00 39 41.0	19.0	Ro~lHB1H15	20844	C2015 01 18.51597 13 00 24.20 -02 15 02.6	18.4	Ro~lH4xH15
42651	C2015 01 18.49037 12 55 20.57 -00 15 34.2	19.5	Ro~lHBpH15	28584	C2015 01 18.51597 13 01 03.13 -01 54 09.1	19.8	Ro~lH7XH15
68522	C2015 01 18.49037 12 56 28.98 +00 19 12.9	19.0	Ro~lHIqH15	41986	C2015 01 18.51597 13 01 38.78 -01 17 05.1	19.1	Ro~lHBdH15
77898	C2015 01 18.49037 12 54 19.64 +00 43 17.2	19.0	Ro~lHLXH15	66789	C2015 01 18.51597 13 04 32.42 -01 40 39.3	19.6	Ro~lHIJH15
84656	C2015 01 18.49037 12 57 03.38 +00 32 40.9	19.2	Ro~lHN2H15	A4174	C2015 01 18.51597 13 06 39.34 -02 24 47.9	20.1	Ro~lHQoH15
F4573	C2015 01 18.49037 12 56 12.34 +00 07 48.8	19.1	Ro~lHZxH15	0022P	C2015 01 18.51597 13 03 05.02 -01 53 05.8	16.7	To91840H15
J7348	C2015 01 18.49037 12 54 56.95 +00 14 27.7	19.1	Ro~lHfvH15	03647	C2015 01 18.51854 13 05 58.38 +00 39 18.9	17.4	Ro~lGyKH15
00454	C2015 01 18.49359 13 02 28.51 -01 12 06.5	13.3	Ro~lGwvH15	03823	C2015 01 18.51854 13 00 39.21 -00 15 46.8	17.3	Ro~lGyPH15
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07250	C2015 01 18.49359 13 04 13.06 -02 12 19.3	18.8	Ro~lGzuH15	15400	C2015 01 18.51854 13 06 07.53 -00 39 29.8	19.4	Ro~lH2yH15
17663	C2015 01 18.49359 13 01 51.66 -01 44 05.9	18.8	Ro~lH3qH15	17352	C2015 01 18.51854 13 00 09.70 +00 47 39.0	19.4	Ro~lH3jH15
20844	C2015 01 18.49359 13 00 23.22 -02 14 53.3	17.9	Ro~lH4xH15	32403	C2015 01 18.51854 13 03 27.83 -00 07 56.4	19.5	Ro~lH8kH15
28584	C2015 01 18.49359 13 01 01.91 -01 54 02.1	18.9	Ro~lH7XH15	36969	C2015 01 18.51854 13 04 08.63 -00 33 38.7	17.8	Ro~lHA7H15
41986	C2015 01 18.49359 13 01 37.77 -01 17 00.7	18.7	Ro~lHBdH15	44141	C2015 01 18.51854 13 00 50.04 +00 42 09.1	19.3	Ro~lHCIH15
66789	C2015 01 18.49359 13 04 31.45 -01 40 45.2	19.2	Ro~lHIJH15	54755	C2015 01 18.51854 13 00 54.64 +00 04 25.1	18.8	Ro~lHFPH15
A4174	C2015 01 18.49359 13 06 38.73 -02 24 50.9	19.8	Ro~lHQoH15	67962	C2015 01 18.51854 13 01 14.25 -00 05 41.5	18.9	Ro~lHIhH15
0022P	C2015 01 18.49359 13 03 03.99 -01 53 02.9	16.1	To91840H15	D4576	C2015 01 18.51854 13 04 41.09 +00 25 34.9	18.7	Ro~lHWiH15
03647	C2015 01 18.49611 13 05 57.75 +00 39 18.5	16.8	Ro~lGyKH15	01880	C2015 01 18.52117 13 08 28.60 -02 04 21.0	17.4	Ro~lGxZH15
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07069	C2015 01 18.49611 13 04 58.60 -00 08 27.7	17.8	Ro~lGzoH15	07183	C2015 01 18.52117 13 07 39.40 -01 32 43.0	17.4	Ro~lGzsH15
15400	C2015 01 18.49611 13 06 07.08 -00 39 26.8	18.8	Ro~lH2yH15	07241	C2015 01 18.52117 13 10 19.04 -02 19 44.2	18.5	Ro~lGzuH15
17352	C2015 01 18.49611 13 00 09.02 +00 47 42.7	19.1	Ro~lH3jH15	12772	C2015 01 18.52117 13 07 47.37 -01 13 47.5	18.8	Ro~lH21H15
32403	C2015 01 18.49611 13 03 27.15 -00 07 54.2	19.1	Ro~lH8kH15	23887	C2015 01 18.52117 13 11 45.58 -00 53 32.2	19.8	Ro~lH5wH15
36969	C2015 01 18.49611 13 04 08.00 -00 33 33.3	17.7	Ro~lHA7H15	43331	C2015 01 18.52117 13 11 35.19 -01 50 58.2	18.5	Ro~lHC2H15
44141	C2015 01 18.49611 13 00 48.78 +00 42 13.9	18.7	Ro~lHCIH15	A2861	C2015 01 18.52117 13 11 07.79 -01 05 48.8	19.6	Ro~lHQbH15
54755	C2015 01 18.49611 13 00 53.69 +00 04 22.9	18.8	Ro~lHFPH15	00520	C2015 01 18.52395 13 08 40.97 +00 46 16.7	16.4	Ro~lGwyH15
67962	C2015 01 18.49611 13 01 13.27 -00 05 43.0	19.1	Ro~lHIhH15	01664	C2015 01 18.52395 13 07 40.71 +00 42 36.9	15.7	Ro~lGxUH15
D4576	C2015 01 18.49611 13 04 40.31 +00 25 52.6	18.1	Ro~lHWiH15	12732	C2015 01 18.52395 13 09 19.49 -00 08 10.6	18.2	Ro~lH20H15
01880	C2015 01 18.49872 13 08 27.80 -02 04 19.6	17.1	Ro~lGxZH15	17870	C2015 01 18.52395 13 11 10.65 +00 37 46.4	19.1	Ro~lH3uH15

23111	C2015 01 18.52395 13 11 00.57 -00 17 40.8	18.3	Ro~1H5hH15	54810	C2015 01 19.11780 06 10 13.62 +12 51 33.5	19.3	Ro~1HFRH15
27169	C2015 01 18.52395 13 11 12.39 -00 19 56.2	18.6	Ro~1H74H15	85782	C2015 01 19.11780 06 12 05.33 +13 34 54.0	19.7	Ro~1HNFH15
33125	C2015 01 18.52395 13 08 23.76 -00 14 50.5	19.0	Ro~1H8vH15	A2386	C2015 01 19.11780 06 10 18.28 +13 56 22.8	18.8	Ro~1HQVH15
33315	C2015 01 18.52395 13 09 51.54 -00 22 45.8	19.9	Ro~1H8zH15	B0550	C2015 01 19.11780 06 12 23.68 +13 45 51.1	18.7	Ro~1HSIH15
33819	C2015 01 18.52395 13 08 48.67 +00 33 01.8	19.3	Ro~1H99H15	D4567	C2015 01 19.11780 06 15 51.80 +12 54 53.6	19.3	Ro~1HWiH15
35610	C2015 01 18.52395 13 09 25.26 -00 27 57.3	18.9	Ro~1H9gH15	L7772	C2015 01 19.11780 06 13 17.22 +14 16 58.1	19.3	Ro~1Hh1H15
44787	C2015 01 18.52395 13 09 07.25 -00 21 02.9	18.7	Ro~1HCUH15	L9435	C2015 01 19.11780 06 15 53.42 +13 48 32.2	19.7	Ro~1Hi2H15
59463	C2015 01 18.52395 13 07 34.59 -00 06 40.5	19.9	Ro~1HGVH15	M2578	C2015 01 19.11780 06 10 04.87 +14 05 41.5	19.8	Ro~1HiVH15
67416	C2015 01 18.52395 13 08 22.77 +00 25 52.6	19.6	Ro~1HITH15	O7505	C2015 01 19.11780 06 15 53.20 +12 47 54.1	18.7	Ro~1HlEH15
D4946	C2015 01 18.52395 13 10 37.10 -00 26 27.7	19.6	Ro~1HWoH15	T3224	C2015 01 19.11780 06 11 57.47 +12 41 53.0	19.6	Ro~1HqVH15
04328	C2015 01 19.08572 06 07 57.42 +14 34 59.2	18.0	Ro~1GydH15	06495	C2015 01 19.12165 06 03 21.34 +17 45 05.1	17.4	Ro~1GzaH15
05519	C2015 01 19.08572 06 03 17.22 +15 20 02.4	17.1	Ro~1Gz8H15	11017	C2015 01 19.12165 06 01 12.53 +17 22 03.1	16.5	Ro~1H1OH15
11530	C2015 01 19.08572 06 06 37.40 +14 49 49.8	18.3	Ro~1H1aH15	12058	C2015 01 19.12165 06 06 36.60 +16 40 06.0	19.0	Ro~1H11H15
17885	C2015 01 19.08572 06 02 49.81 +15 33 42.0	18.4	Ro~1H3uH15	26381	C2015 01 19.12165 06 07 57.00 +17 16 56.0	18.3	Ro~1H6mH15
19978	C2015 01 19.08572 06 01 17.92 +15 58 24.3	18.8	Ro~1H4eH15	27498	C2015 01 19.12165 06 01 58.78 +17 18 51.0	18.6	Ro~1H7CH15
41492	C2015 01 19.08572 06 01 50.79 +14 21 50.9	18.2	Ro~1HBTH15	31168	C2015 01 19.12165 06 03 06.65 +17 14 07.2	18.5	Ro~1H8LH15
41555	C2015 01 19.08572 06 05 09.03 +15 24 20.0	18.1	Ro~1HBVH15	45458	C2015 01 19.12165 06 05 36.19 +16 13 34.2	18.9	Ro~1HCiH15
42671	C2015 01 19.08572 06 05 33.87 +15 55 50.7	18.0	Ro~1HBpH15	47667	C2015 01 19.12165 06 02 08.43 +16 28 05.5	18.9	Ro~1HDQH15
53114	C2015 01 19.08572 06 04 59.47 +15 57 02.1	18.6	Ro~1HEwH15	54985	C2015 01 19.12165 06 08 07.23 +17 40 17.5	19.2	Ro~1HFTH15
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A9964	C2015 01 20.37106 07 53 51.24 -11 30 16.8	19.4	Ro~1HS7H15	30105	C2015 01 20.42608 05 46 03.96 +30 01 54.9	18.6	Ro~1H81H15
46099	C2015 01 20.37678 07 51 15.48 -09 04 22.5	19.1	Ro~1HCxH15	71937	C2015 01 20.42608 05 43 54.49 +29 47 12.1	19.0	Ro~1HJnH15
51291	C2015 01 20.37678 07 55 16.40 -09 37 23.8	17.8	Ro~1HEVH15	77777	C2015 01 20.42608 05 50 19.72 +29 49 29.0	19.1	Ro~1HLVH15
83362	C2015 01 20.37678 07 55 43.51 -09 20 49.0	19.0	Ro~1HMpH15	A1935	C2015 01 20.42608 05 44 32.95 +30 10 51.0	19.0	Ro~1HQOH15
K14Y09M	C2015 01 20.38203 07 50 45.40 -11 44 05.7	18.4	Ro~1GnnH15	03280	C2015 01 20.43109 13 46 15.71 -12 58 34.6	18.4	Ro~1GyBH15
A9964	C2015 01 20.38203 07 53 50.73 -11 30 11.3	19.3	Ro~1HS7H15	04619	C2015 01 20.43109 13 47 07.90 -13 06 32.7	18.7	Ro~1Gyl1H15
46099	C2015 01 20.38815 07 51 14.84 -09 04 17.6	19.0	Ro~1HCxH15	07995	C2015 01 20.43109 13 51 47.46 -12 46 00.1	20.1	Ro~1H0DH15
51291	C2015 01 20.38815 07 55 15.81 -09 37 24.7	17.8	Ro~1HEVH15	08653	C2015 01 20.43109 13 51 11.31 -11 21 59.0	19.4	Ro~1H0UH15
83362	C2015 01 20.38815 07 55 42.90 -09 20 46.8	19.6	Ro~1HMpH15	13097	C2015 01 20.43109 13 49 49.28 -12 45 10.4	19.7	Ro~1H27H15
K14Y09M	C2015 01 20.39327 07 50 45.67 -11 43 31.5	18.4	Ro~1GnnH15	14060	C2015 01 20.43109 13 48 35.45 -11 43 44.5	19.2	Ro~1H2SH15
A9964	C2015 01 20.39327 07 53 50.07 -11 30 03.6	19.4	Ro~1HS7H15	14690	C2015 01 20.43109 13 47 42.55 -12 33 29.0	18.7	Ro~1H2hH15
04879	C2015 01 20.39595 05 46 19.23 +34 30 09.0	17.9	Ro~1GyrH15	21513	C2015 01 20.43109 13 49 31.45 -12 00 43.1	19.4	Ro~1H5BH15
23588	C2015 01 20.39595 05 48 42.23 +34 02 14.5	18.8	Ro~1H5qH15	23825	C2015 01 20.43109 13 47 26.81 -12 19 27.6	19.7	Ro~1H5vH15
A0626	C2015 01 20.39595 05 48 30.72 +34 41 06.2	19.6	Ro~1HQ6H15	31277	C2015 01 20.43109 13 48 43.37 -11 54 53.7	19.5	Ro~1H8OH15
E3410	C2015 01 20.39595 05 43 44.90 +34 07 12.9	19.5	Ro~1HYAH15	33267	C2015 01 20.43109 13 51 17.74 -12 06 36.7	19.3	Ro~1H8zH15
01182	C2015 01 20.39851 05 40 58.07 +36 40 53.7	15.3	Ro~1GxFH15	04094	C2015 01 20.43468 13 49 27.18 -13 11 12.1	19.4	Ro~1GyXH15
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38109	C2015 01 20.39851 05 39 39.31 +35 36 11.5	20.2	Ro~1HASH15	08621	C2015 01 20.43468 13 49 16.52 -13 31 41.1	19.3	Ro~1H0UH15
46858	C2015 01 20.39851 05 37 01.44 +35 17 03.8	19.8	Ro~1HDDH15	09159	C2015 01 20.43468 13 50 07.82 -13 47 46.9	19.0	Ro~1H0hH15
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92876	C2015 01 20.39851 05 37 57.73 +35 29 04.6	18.7	Ro~1HOXH15	14592	C2015 01 20.43468 13 50 51.90 -13 25 29.7	20.1	Ro~1H2fH15
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M8277	C2015 01 20.39851 05 37 53.38 +35 40 03.2	20.4	Ro~1HjKH15	25913	C2015 01 20.43468 13 49 00.28 -13 20 20.4	19.3	Ro~1H6dH15
P2704	C2015 01 20.39851 05 38 37.21 +35 31 05.9	20.4	Ro~1Hl1H15	27213	C2015 01 20.43468 13 50 04.79 -14 31 52.5	19.8	Ro~1H76H15
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19102	C2015 01 20.40108 05 42 52.91 +31 41 24.1	19.0	Ro~1H4LH15	31300	C2015 01 20.43468 13 51 29.17 -13 58 32.7	19.0	Ro~1H8OH15
47511	C2015 01 20.40108 05 50 43.59 +31 47 41.3	19.1	Ro~1HDMH15	53029	C2015 01 20.43468 13 52 24.06 -14 21 32.6	19.7	Ro~1HEvH15
A4608	C2015 01 20.40108 05 44 52.62 +31 58 20.4	18.9	Ro~1HQtH15	65257	C2015 01 20.43468 13 50 44.32 -13 53 14.8	19.4	Ro~1HHvH15
C3551	C2015 01 20.40108 05 46 00.13 +32 09 35.7	19.1	Ro~1HUtH15	93607	C2015 01 20.43468 13 47 56.94 -14 14 29.8	19.4	Ro~1HOgH15
C5382	C2015 01 20.40108 05 48 26.97 +31 39 25.8	18.1	Ro~1HV7H15	00999	C2015 01 20.43724 13 46 22.60 -15 24 09.5	16.6	Ro~1GxBH15
D2987	C2015 01 20.40108 05 48 23.44 +32 10 07.8	19.3	Ro~1HWLH15	06925	C2015 01 20.43724 13 48 57.73 -15 55 07.0	17.7	Ro~1GzjH15
E2674	C2015 01 20.40108 05 45 00.11 +32 19 31.6	17.9	Ro~1HY3H15	08575	C2015 01 20.43724 13 47 27.65 -15 29 04.3	19.5	Ro~1H0TH15
M8890	C2015 01 20.40108 05 44 00.27 +31 52 29.9	19.7	Ro~1HjPH15	11428	C2015 01 20.43724 13 45 32.77 -16 22 28.8	19.7	Ro~1H1YH15
f3343	C2015 01 20.40108 05 46 03.88 +31 34 42.8	19.1	Ro~1HxjH15	11787	C2015 01 20.43724 13 49 51.34 -15 40 55.3	18.2	Ro~1H1gH15
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71937	C2015 01 20.40365 05 43 55.43 +29 47 20.2	19.2	Ro~1HJnH15	28578	C2015 01 20.43724 13 52 17.67 -15 47 48.4	19.3	Ro~1H7XH15
77777	C2015 01 20.40365 05 50 20.65 +29 49 30.7	18.4	Ro~1HLVH15	29994	C2015 01 20.43724 13 47 14.96 -16 09 29.0	18.9	Ro~1H8OH15
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A0626	C2015 01 20.40659 05 48 30.36 +34 41 03.3	19.6	Ro~1HQ6H15	79617	C2015 01 20.43724 13 46 38.96 -16 04 12.9	19.6	Ro~1HM0H15
E3410	C2015 01 20.40659 05 43 44.38 +34 07 03.7	19.1	Ro~1HYAH15	03280	C2015 01 20.44151 13 46 16.15 -12 58 39.7	18.0	Ro~1GyBH15
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18456	C2015 01 20.41014 05 38 33.02 +35 42 42.0	18.5	Ro~1H46H15	07995	C2015 01 20.44151 13 51 47.99 -12 46 01.6	19.1	Ro~1H0DH15
38109	C2015 01 20.41014 05 39 38.88 +35 36 08.9	20.2	Ro~1HASH15	08653	C2015 01 20.44151 13 51 11.79 -11 22 01.2	18.6	Ro~1H0UH15
46858	C2015 01 20.41014 05 37 00.92 +35 17 01.7	19.9	Ro~1HDDH15	13097	C2015 01 20.44151 13 49 49.88 -12 45 13.4	19.5	Ro~1H27H15
50510	C2015 01 20.41014 05 38 20.23 +36 43 58.2	19.7	Ro~1HEFH15	14060	C2015 01 20.44151 13 48 36.04 -11 43 50.9	18.7	Ro~1H2SH15
92876	C2015 01 20.41014 05 37 57.21 +35 29 03.3	18.8	Ro~1HOXH15	14690	C2015 01 20.44151 13 47 42.71 -12 33 32.2	18.3	Ro~1H2hH15
B5559	C2015 01 20.41014 05 38 53.87 +36 24 09.6	20.1	Ro~1HTSH15	21513	C2015 01 20.44151 13 49 32.12 -12 00 46.7	18.8	Ro~1H5BH15
M1392	C2015 01 20.41014 05 37 57.27 +35 54 55.1	19.9	Ro~1HiNH15	23825	C2015 01 20.44151 13 47 27.26 -12 19 29.9	19.7	Ro~1H5vH15
M8277	C2015 01 20.41014 05 37 52.76 +35 40 02.6	20.3	Ro~1HjKH15	31277	C2015 01 20.44151 13 48 43.72 -11 54 56.8	19.3	Ro~1H8OH15

33267 C2015 01 20.44151 13 51 18.15 -12 06 41.0	18.9 Ro~1H8zH15	02198 C2015 01 20.46393 13 55 17.42 -13 52 54.7	19.7 Ro~1GxhH15
04094 C2015 01 20.44541 13 49 27.43 -13 11 15.6	19.4 Ro~1GyXH15	03632 C2015 01 20.46393 13 57 38.28 -13 14 22.2	17.9 Ro~1GykH15
08569 C2015 01 20.44541 13 50 09.34 -14 05 35.0	19.4 Ro~1H0TH15	04784 C2015 01 20.46393 13 59 28.13 -13 31 50.8	18.2 Ro~1GypH15
08621 C2015 01 20.44541 13 49 16.99 -13 31 43.7	19.8 Ro~1H0UH15	07435 C2015 01 20.46393 13 53 14.89 -13 54 13.7	18.3 Ro~1GzzH15
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14592 C2015 01 20.44541 13 50 52.45 -13 25 32.4	19.7 Ro~1H2fH15	10984 C2015 01 20.46393 13 52 55.53 -13 57 23.9	19.1 Ro~1H1NH15
16171 C2015 01 20.44541 13 49 40.02 -13 51 42.7	18.0 Ro~1H3IH15	12132 C2015 01 20.46393 13 58 34.21 -13 52 55.3	18.7 Ro~1H1nH15
18747 C2015 01 20.44541 13 51 15.26 -14 44 22.0	18.6 Ro~1H4DH15	13069 C2015 01 20.46393 13 59 46.94 -13 48 19.0	19.6 Ro~1H27H15
25913 C2015 01 20.44541 13 49 00.72 -13 20 26.3	19.3 Ro~1H6dH15	13732 C2015 01 20.46393 13 52 57.05 -13 37 26.1	19.6 Ro~1H2MH15
27213 C2015 01 20.44541 13 50 05.33 -14 31 55.1	19.2 Ro~1H76H15	15129 C2015 01 20.46393 13 52 58.22 -13 15 35.7	19.8 Ro~1H2rH15
30626 C2015 01 20.44541 13 49 18.64 -13 39 46.5	19.6 Ro~1H8DH15	28480 C2015 01 20.46393 13 59 52.85 -14 04 51.4	19.2 Ro~1H7VH15
31300 C2015 01 20.44541 13 51 29.56 -13 58 37.4	18.9 Ro~1H8OH15	28504 C2015 01 20.46393 13 53 55.94 -13 54 13.8	19.8 Ro~1H7VH15
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65257 C2015 01 20.44541 13 50 44.53 -13 53 15.1	19.1 Ro~1HHvH15	35035 C2015 01 20.46393 13 54 29.80 -13 26 42.5	18.9 Ro~1H9VH15
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29994 C2015 01 20.44800 13 47 15.60 -16 09 36.4	18.6 Ro~1H8OH15	33086 C2015 01 20.46652 13 55 16.85 -15 31 06.7	20.2 Ro~1H8uH15
32359 C2015 01 20.44800 13 50 39.55 -15 35 53.9	19.0 Ro~1H8kH15	36725 C2015 01 20.46652 13 59 11.70 -15 53 07.6	18.7 Ro~1HA3H15
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79617 C2015 01 20.44800 13 46 39.44 -16 04 17.1	19.3 Ro~1HM0H15	03186 C2015 01 20.46905 14 07 16.31 -12 27 48.9	19.5 Ro~1Gy9H15
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18767	C2015 01 20.52440 14 09 26.07 -14 06 37.3	19.2 Ro~1H4DH15
19453	C2015 01 20.52440 14 13 44.46 -13 54 22.2	18.9 Ro~1H4TH15
26291	C2015 01 20.52440 14 13 30.63 -13 37 14.2	20.0 Ro~1H6kH15
36411	C2015 01 20.52440 14 12 07.84 -13 45 13.2	19.5 Ro~1H9wH15
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93245	C2015 01 20.52440 14 08 02.90 -13 23 51.3	20.0 Ro~1HOaH15
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L9523	C2015 01 21.10551 09 13 12.77 +78 08 33.1	16.7 Ro~1Hi3H15
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57796	C2015 01 21.17931 07 08 24.43 -00 02 33.9	19.2 Ro~1HG9H15
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46257	C2015 01 21.18189 07 10 36.14 -08 21 37.8	18.3 Ro~1HCzH15
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57796	C2015 01 21.19082 07 08 23.80 -00 02 30.4	19.4 Ro~1HG9H15
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C6470	C2015 01 21.19082 07 08 18.02 +00 14 36.6	19.6 Ro~1HVHH15
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46257	C2015 01 21.19336 07 10 35.53 -08 21 35.3	18.5 Ro~1HCzH15
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P7941	C2015 01 21.19336 07 09 24.95 -07 28 08.1	18.3 Ro~1HmRH15
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51381	C2015 01 21.20159 07 10 56.63 -00 19 05.9	17.7 Ro~1HEYH15
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H2146	C2015 01 21.22066 07 19 28.82 -01 39 36.7	19.1 Ro~1HcQH15
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66803	C2015 01 21.22643 07 18 53.34 -05 49 05.0	16.4 Ro~1HIKH15
H6102	C2015 01 21.22643 07 20 06.51 -05 52 09.9	18.0 Ro~1HcxH15
H2146	C2015 01 21.23146 07 19 28.02 -01 39 40.3	18.8 Ro~1HcQH15
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G1463	C2015 01 21.28030 07 40 39.60 -08 38 43.3	17.9 Ro~1HazH15
S2844	C2015 01 21.28030 07 35 38.47 -09 40 24.5	18.8 Ro~1HpqH15
97741	C2015 01 21.28540 07 35 08.97 -05 26 13.3	19.1 Ro~1HPSH15
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67691	C2015 01 21.28794 07 39 39.89 -03 25 39.3	17.4 Ro~1HIaH15
Y3423	C2015 01 21.28794 07 40 35.77 -03 49 23.4	19.3 Ro~1HtyH15
G1463	C2015 01 21.29046 07 40 39.05 -08 38 37.1	18.1 Ro~1HazH15
S2844	C2015 01 21.29046 07 35 37.80 -09 40 28.4	18.9 Ro~1HpqH15
97741	C2015 01 21.29628 07 35 08.15 -05 26 02.3	19.4 Ro~1HPSH15
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67691	C2015 01 21.29881 07 39 39.22 -03 25 40.3	17.5 Ro~1HIaH15

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f3693	C2015 01 21.31511 07 37 29.84 +00 02 38.8	19.0	Ro~lHxnH15	00456	C2015 01 24.14307 06 12 31.62 +07 01 26.9	14.7	Ro~lI6bH15
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14456	C2015 01 21.32666 07 36 33.73 -01 01 15.7	19.2	Ro~lH2bH15	56904	C2015 01 24.14903 06 19 50.02 +02 59 04.5	18.6	Ro~lIClH15
26371	C2015 01 21.32666 07 39 10.00 -01 04 03.7	17.6	Ro~lH61H15	01070	C2015 01 24.14903 06 17 03.03 +02 47 26.6	15.7	Ro~lI6iH15
f3693	C2015 01 21.32666 07 37 29.26 +00 02 40.2	18.9	Ro~lHxnH15	I6115	C2015 01 24.15161 06 18 01.65 +06 28 39.3	20.4	Ro~lIMxH15
60864	C2015 01 21.32917 07 34 19.10 -04 11 14.3	18.5	Ro~lHGqH15	30882	C2015 01 24.15161 06 16 39.09 +06 16 51.8	18.7	Ro~lIAGH15
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26371	C2015 01 21.33755 07 39 09.45 -01 04 01.0	17.6	Ro~lH61H15	I2415	C2015 01 24.15736 06 20 59.60 +04 41 09.6	20.1	Ro~lIMjH15
f3693	C2015 01 21.33755 07 37 28.68 +00 02 42.1	18.8	Ro~lHxnH15	G1478	C2015 01 24.15736 06 19 16.24 +03 39 32.9	20.0	Ro~lILOH15
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32773	C2015 01 21.48957 10 23 02.40 +77 38 32.7	16.3	Ro~lH8qH15	01070	C2015 01 24.15989 06 17 02.62 +02 47 30.5	15.8	Ro~lI6iH15
32773	C2015 01 21.50051 10 23 00.13 +77 38 34.1	16.4	Ro~lH8qH15	I6115	C2015 01 24.16246 06 18 01.05 +06 28 40.6	20.3	Ro~lIMxH15
D2870	C2015 01 24.08365 06 02 05.92 +02 15 33.1	18.9	Ro~lIJGH15	30882	C2015 01 24.16246 06 16 38.60 +06 16 55.2	18.7	Ro~lIAGH15
64555	C2015 01 24.08365 06 05 00.98 +03 08 58.5	19.2	Ro~lIDLH15	20433	C2015 01 24.16246 06 18 57.78 +06 19 01.0	19.1	Ro~lI96H15
59405	C2015 01 24.08365 06 04 04.88 +02 17 04.6	18.7	Ro~lICwH15	15356	C2015 01 24.16246 06 21 03.29 +06 32 19.7	18.5	Ro~lI8ZH15
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D2870	C2015 01 24.09452 06 02 05.59 +02 15 35.0	19.0	Ro~lIJGH15	I2415	C2015 01 24.16857 06 20 59.04 +04 41 13.6	20.1	Ro~lIMjH15
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J5917	C2015 01 24.11309 06 10 05.84 +03 14 25.9	20.4	Ro~lINbH15	15356	C2015 01 24.17360 06 21 02.83 +06 32 25.1	18.3	Ro~lI8ZH15
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D3818	C2015 01 24.11309 06 14 12.69 +04 26 46.2	19.8	Ro~lIJKH15	Q0806	C2015 01 24.18115 06 28 05.39 +01 32 45.6	18.7	Ro~lIRMH15
07827	C2015 01 24.11309 06 08 52.48 +04 46 45.7	18.9	Ro~lI7hH15	N3045	C2015 01 24.18617 06 25 19.84 +07 30 00.8	20.2	Ro~lIPwH15
02173	C2015 01 24.11309 06 14 14.25 +04 41 14.2	17.2	Ro~lI6uH15	D3310	C2015 01 24.18617 06 28 36.53 +08 07 42.8	19.6	Ro~lIJHH15
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M2820	C2015 01 24.11562 06 10 39.58 +01 57 58.9	19.5	Ro~lIPAH15	04509	C2015 01 24.18617 06 27 00.60 +07 25 01.9	17.1	Ro~lI7FH15
19318	C2015 01 24.11562 06 14 01.37 +02 59 14.4	16.2	Ro~lI8yH15	55218	C2015 01 24.18617 06 24 16.29 +08 22 03.2	19.8	Ro~lICdH15
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09140	C2015 01 24.11562 06 14 28.18 +02 42 00.9	17.9	Ro~lI7qH15	Q0806	C2015 01 24.19269 06 28 04.96 +01 33 03.4	19.1	Ro~lIRMH15
Q5603	C2015 01 24.11562 06 12 33.63 +02 50 02.6	19.6	Ro~lIRdH15	N3045	C2015 01 24.19766 06 25 19.40 +07 30 05.3	20.2	Ro~lIPwH15
F4523	C2015 01 24.11814 06 14 31.69 +06 17 35.5	20.5	Ro~lIKuH15	D3310	C2015 01 24.19766 06 28 36.09 +08 07 45.0	19.6	Ro~lIJHH15
B1136	C2015 01 24.11814 06 11 01.05 +06 38 14.9	19.7	Ro~lIHaH15	B3156	C2015 01 24.19766 06 25 37.51 +07 55 03.9	19.8	Ro~lIHlH15
87071	C2015 01 24.11814 06 10 55.60 +06 11 52.1	20.2	Ro~lIFaH15	04509	C2015 01 24.19766 06 27 00.12 +07 25 05.2	17.0	Ro~lI7FH15
59723	C2015 01 24.11814 06 10 20.69 +06 02 10.8	19.2	Ro~lICyH15	55218	C2015 01 24.19766 06 24 15.90 +08 22 06.8	20.2	Ro~lICdH15
44516	C2015 01 24.11814 06 10 12.06 +05 56 23.4	19.0	Ro~lIBYH15	R0479	C2015 01 24.19766 06 26 16.65 +08 16 53.4	19.9	Ro~lIS4H15
A1683	C2015 01 24.11814 06 12 22.71 +05 49 15.8	20.0	Ro~lIGjH15	Q0806	C2015 01 24.20347 06 28 04.47 +01 33 20.6	19.0	Ro~lIRMH15
17489	C2015 01 24.11814 06 09 02.25 +05 49 32.3	18.4	Ro~lI8oH15	N3045	C2015 01 24.20857 06 25 18.96 +07 30 09.1	20.3	Ro~lIPwH15
16761	C2015 01 24.11814 06 11 04.51 +06 22 49.6	18.9	Ro~lI8kH15	D3310	C2015 01 24.20857 06 28 35.67 +08 07 47.4	19.6	Ro~lIJHH15
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61754	C2015 01 24.12064 06 08 51.26 +08 08 14.4	19.0	Ro~lID7H15	55218	C2015 01 24.20857 06 24 15.45 +08 22 08.9	19.7	Ro~lICdH15
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19318	C2015 01 24.12715 06 14 00.86 +02 59 08.1	16.2	Ro~lI8yH15	69072	C2015 01 24.23964 06 48 14.46 +04 20 57.3	18.8	Ro~lID1H15
13504	C2015 01 24.12715 06 09 17.40 +01 44 42.5	17.7	Ro~lI8LH15	26286	C2015 01 24.23964 06 48 10.63 +03 27 34.4	16.7	Ro~lI9mH15
09140	C2015 01 24.12715 06 14 27.70 +02 42 05.2	17.8	Ro~lI7qH15	79341	C2015 01 24.24472 06 57 04.65 +03 42 18.1	19.7	Ro~lIEpH15
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F4523	C2015 01 24.12965 06 14 31.26 +06 17 39.7	20.1	Ro~lIKuH15	45640	C2015 01 24.24472 06 53 24.41 +04 35 16.9	18.1	Ro~lIBgH15
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87071	C2015 01 24.12965 06 10 55.13 +06 11 55.4	20.4	Ro~lIFaH15	B0339	C2015 01 24.24728 06 53 09.79 +02 55 10.8	19.1	Ro~lIHVH15
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44516	C2015 01 24.12965 06 10 11.64 +05 56 26.3	18.9	Ro~lIBYH15	93273	C2015 01 24.24978 06 53 06.19 +06 10 09.3	18.2	Ro~lIG5H15
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16761	C2015 01 24.12965 06 11 04.15 +06 22 54.0	18.8	Ro~lI8kH15	28249	C2015 01 24.24978 06 57 21.79 +05 03 17.7	19.0	Ro~lI9zH15
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61754	C2015 01 24.13222 06 08 50.80 +08 08 17.6	19.2	Ro~lID7H15	79341	C2015 01 24.25577 06 57 04.22 +03 42 19.4	19.0	Ro~lIEpH15
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D3818	C2015 01 24.13549 06 14 12.08 +04 27 00.9	19.3	Ro~lIJKH15	B0339	C2015 01 24.25832 06 53 09.25 +02 55 16.5	19.1	Ro~lIHWH15
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07827	C2015 01 24.13549 06 08 51.69 +04 46 52.2	18.7	Ro~lI7hH15	93273	C2015 01 24.26086 06 53 05.71 +06 10 10.3	18.2	Ro~lIG5H15
02173	C2015 01 24.13549 06 14 13.40 +04 41 20.8	17.3	Ro~lI6uH15	56240	C2015 01 24.26086 06 53 58.42 +06 32 23.4	18.4	Ro~lICiH15
65074	C2015 01 24.13806 06 14 08.39 +03 10 46.7	18.8	Ro~lIDNH15	27394	C2015 01 24.26086 06 51 48.91 +06 09 42.1	18.7	Ro~lI9uH15
M2820	C2015 01 24.13806 06 10 38.89 +01 58 10.1	19.5	Ro~lIPAH15	28249	C2015 01 24.26086 06 57 21.34 +05 03 21.2	18.8	Ro~lI9zH15
19318	C2015 01 24.13806 06 14 00.38 +02 59 02.1	16.2	Ro~lI8yH15	32123	C2015 01 24.26086 06 52 55.51 +05 37 05.2	18.6	Ro~lIANH15
13504	C2015 01 24.13806 06 09 17.03 +01 44 45.9	17.3	Ro~lI8LH15	79341	C2015 01 24.26660 06 57 03.69 +03 42 22.6	19.1	Ro~lIEpH15
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Q5603	C2015 01 24.13806 06 12 32.81 +02 50 18.1	19.2	Ro~lIRdH15	48011	C2015 01 24.26660 06 53 26.69 +04 52 27.7	18.8	Ro~lIBvH15

00256	C2015 01 24.26660 06 52 57.81 +04 35 42.6	14.4 Ro~1I6ZH15	A9569	C2015 01 24.38651 08 44 00.61 -05 25 45.2	19.7 Ro~1IHRH15
B0339	C2015 01 24.26913 06 53 08.72 +02 55 22.3	19.1 Ro~1IHWH15	67284	C2015 01 24.38651 08 41 17.25 -05 54 10.3	18.9 Ro~1IDZH15
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93273	C2015 01 24.27174 06 53 05.20 +06 10 10.9	18.2 Ro~1IG5H15	69811	C2015 01 24.38651 08 45 36.26 -04 50 18.9	19.0 Ro~1IDpH15
56240	C2015 01 24.27174 06 53 57.87 +06 32 24.2	18.4 Ro~1ICiH15	73078	C2015 01 24.38651 08 43 00.84 -05 23 31.0	19.0 Ro~1IE7H15
27394	C2015 01 24.27174 06 51 48.35 +06 09 44.4	19.0 Ro~1I9uH15	U2250	C2015 01 24.38651 08 46 00.86 -04 33 24.5	20.2 Ro~1ITXH15
28249	C2015 01 24.27174 06 57 20.85 +05 03 24.8	18.8 Ro~1I9zH15	b9079	C2015 01 24.38651 08 41 41.55 -05 44 21.5	19.6 Ro~1IWKH15
32123	C2015 01 24.27174 06 52 54.98 +05 37 07.6	18.4 Ro~1IANH15	M2071	C2015 01 24.38911 08 44 01.68 -02 44 01.3	19.4 Ro~1IP5H15
10490	C2015 01 24.28271 06 42 54.97 +02 57 07.1	17.9 Ro~1I7zH15	J5564	C2015 01 24.38911 08 42 58.55 -03 12 52.3	19.7 Ro~1INaH15
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05001	C2015 01 24.29607 06 41 00.11 +05 39 04.8	17.4 Ro~1I7JH15	88540	C2015 01 24.38911 08 41 56.71 -03 30 44.5	18.3 Ro~1IFmH15
10490	C2015 01 24.30468 06 42 53.93 +02 57 11.5	18.0 Ro~1I7zH15	F7841	C2015 01 24.38911 08 41 30.64 -03 12 55.3	19.7 Ro~1IL9H15
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E1729	C2015 01 24.31217 08 35 42.83 -06 35 50.3	19.2 Ro~1IJzH15	C8314	C2015 01 24.39159 08 41 22.65 -01 21 07.7	18.2 Ro~1IJ1H15
73700	C2015 01 24.31217 08 36 29.52 -07 51 28.3	19.1 Ro~1IE9H15	73958	C2015 01 24.39411 08 34 18.20 -03 48 28.7	18.7 Ro~1IEBH15
I7650	C2015 01 24.31217 08 34 10.56 -06 35 17.2	18.6 Ro~1IN3H15	42816	C2015 01 24.39411 08 36 38.25 -03 25 39.7	17.8 Ro~1IBOH15
70652	C2015 01 24.31462 08 36 50.14 -05 01 22.5	19.1 Ro~1IDuH15	38230	C2015 01 24.39411 08 39 59.16 -03 24 11.0	19.4 Ro~1IAxH15
E1729	C2015 01 24.32380 08 35 42.01 -06 35 54.0	19.4 Ro~1IJzH15	10000	C2015 01 24.39411 08 35 19.15 -03 10 23.5	18.9 Ro~1I7wH15
73700	C2015 01 24.32380 08 36 28.95 -07 51 26.3	18.8 Ro~1IE9H15	82786	C2015 01 24.39411 08 35 43.08 -02 55 39.3	19.0 Ro~1IFDH15
I7650	C2015 01 24.32380 08 34 09.91 -06 35 13.7	18.8 Ro~1IN3H15	A9569	C2015 01 24.39742 08 44 00.09 -05 25 44.6	19.3 Ro~1IHRH15
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E1729	C2015 01 24.33464 08 35 41.24 -06 35 55.8	19.3 Ro~1IJzH15	M5544	C2015 01 24.39742 08 45 21.19 -05 57 49.1	19.8 Ro~1IPLH15
73700	C2015 01 24.33464 08 36 28.43 -07 51 25.7	18.7 Ro~1IE9H15	69811	C2015 01 24.39742 08 45 35.73 -04 50 16.0	19.0 Ro~1IDpH15
I7650	C2015 01 24.33464 08 34 09.28 -06 35 08.4	18.7 Ro~1IN3H15	73078	C2015 01 24.39742 08 43 00.27 -05 23 29.1	19.2 Ro~1IE7H15
70652	C2015 01 24.33713 08 36 48.97 -05 01 18.1	18.7 Ro~1IDuH15	U2250	C2015 01 24.39742 08 45 59.92 -04 33 28.9	19.6 Ro~1ITXH15
92158	C2015 01 24.34316 08 54 32.00 -06 32 44.0	17.3 Ro~1IG1H15	b9079	C2015 01 24.39742 08 41 40.99 -05 44 17.9	19.6 Ro~1IWKH15
80046	C2015 01 24.34316 08 50 13.71 -07 56 09.5	19.4 Ro~1IEuH15	M2071	C2015 01 24.40009 08 44 01.07 -02 43 59.4	19.6 Ro~1IP5H15
G6872	C2015 01 24.34563 08 51 53.55 -05 19 40.4	18.7 Ro~1ILkH15	J5564	C2015 01 24.40009 08 42 58.00 -03 12 51.4	19.3 Ro~1INaH15
B0494	C2015 01 24.34563 08 54 30.51 -04 51 14.5	19.0 Ro~1IHWH15	G2971	C2015 01 24.40009 08 44 07.53 -03 12 05.5	19.5 Ro~1ILSH15
O0226	C2015 01 24.34817 08 48 54.51 -03 38 09.2	20.3 Ro~1IQRH15	F7841	C2015 01 24.40009 08 41 30.11 -03 12 54.7	19.7 Ro~1IL9H15
87698	C2015 01 24.34817 08 51 33.67 -02 49 53.4	18.9 Ro~1IFgH15	92998	C2015 01 24.40009 08 41 57.37 -03 06 38.3	18.8 Ro~1IG4H15
57539	C2015 01 24.34817 08 50 34.82 -04 11 54.5	17.6 Ro~1ICoH15	88540	C2015 01 24.40009 08 41 56.02 -03 30 45.2	18.3 Ro~1IFmH15
d6202	C2015 01 24.34817 08 47 56.62 -03 39 57.0	19.7 Ro~1IWtH15	29149	C2015 01 24.40009 08 44 00.03 -04 05 03.7	17.0 Ro~1IA5H15
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30387	C2015 01 24.35065 08 48 01.16 -01 54 34.0	17.5 Ro~1IADH15	38230	C2015 01 24.40514 08 39 58.57 -03 24 09.6	19.3 Ro~1IAxH15
78504	C2015 01 24.35065 08 51 55.80 -01 19 44.6	18.0 Ro~1IEjH15	82786	C2015 01 24.40514 08 35 42.60 -02 55 36.1	19.3 Ro~1IFDH15
41184	C2015 01 24.35065 08 49 00.37 -01 43 23.1	18.9 Ro~1IBEH15	10000	C2015 01 24.40514 08 35 18.50 -03 10 17.5	18.7 Ro~1I7wH15
a6861	C2015 01 24.35065 08 50 47.49 -01 17 42.9	19.5 Ro~1IVIH15	N5516	C2015 01 24.40872 08 34 38.26 -01 13 08.4	19.3 Ro~1IQ8H15
f8824	C2015 01 24.35065 08 52 57.92 -01 49 41.4	19.8 Ro~1IXDH15	59507	C2015 01 24.40872 08 33 50.83 -01 29 23.5	19.0 Ro~1ICwH15
f9287	C2015 01 24.35065 08 52 01.80 -02 22 27.5	19.3 Ro~1IXFH15	57604	C2015 01 24.40872 08 38 26.85 -01 45 12.7	18.5 Ro~1ICoH15
92158	C2015 01 24.35397 08 54 30.18 -06 33 07.3	17.2 Ro~1IG1H15	14213	C2015 01 24.40872 08 36 34.37 -02 05 27.1	17.0 Ro~1I8QH15
80046	C2015 01 24.35397 08 50 13.21 -07 56 08.6	19.7 Ro~1IEuH15	S2079	C2015 01 24.40872 08 37 13.57 -02 02 34.0	18.8 Ro~1ISyH15
G6872	C2015 01 24.35648 08 51 52.98 -05 19 41.6	18.8 Ro~1ILkH15	S7394	C2015 01 24.40872 08 34 40.87 -01 17 46.2	18.8 Ro~1IT9H15
B0494	C2015 01 24.35648 08 54 29.86 -04 51 14.2	19.3 Ro~1IHWH15	X4621	C2015 01 24.40872 08 35 57.99 -01 05 08.4	19.2 Ro~1IUUH15
O0226	C2015 01 24.35901 08 48 54.06 -03 38 09.6	19.7 Ro~1IQRH15	I2458	C2015 01 24.41380 08 28 27.72 -03 31 11.2	19.3 Ro~1IMjH15
87698	C2015 01 24.35901 08 51 33.08 -02 49 51.4	18.9 Ro~1IFgH15	B1898	C2015 01 24.41380 08 30 17.66 -03 39 56.9	18.8 Ro~1IHcH15
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d6202	C2015 01 24.35901 08 47 56.06 -03 39 52.8	19.7 Ro~1IWtH15	66859	C2015 01 24.41380 08 27 06.52 -02 48 48.4	18.6 Ro~1IDWH15
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78504	C2015 01 24.36150 08 51 55.31 -01 19 39.7	17.9 Ro~1IEjH15	59507	C2015 01 24.41942 08 33 50.26 -01 29 20.6	18.9 Ro~1ICwH15
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a6861	C2015 01 24.36150 08 50 46.87 -01 17 37.9	19.1 Ro~1IVIH15	14213	C2015 01 24.41942 08 36 33.81 -02 05 21.0	16.8 Ro~1I8QH15
f8824	C2015 01 24.36150 08 52 57.31 -01 49 43.3	19.6 Ro~1IXDH15	S2079	C2015 01 24.41942 08 37 13.01 -02 02 32.9	18.8 Ro~1ISyH15
f9287	C2015 01 24.36150 08 52 01.14 -02 22 28.5	19.7 Ro~1IXFH15	S7394	C2015 01 24.41942 08 34 40.32 -01 17 44.7	18.9 Ro~1IT9H15
92158	C2015 01 24.36499 08 54 28.29 -06 33 30.9	17.2 Ro~1IG1H15	X4621	C2015 01 24.41942 08 35 57.39 -01 05 08.6	19.3 Ro~1IUVH15
80046	C2015 01 24.36499 08 50 12.67 -07 56 07.6	19.4 Ro~1IEuH15	I2458	C2015 01 24.42504 08 28 27.12 -03 31 07.1	19.1 Ro~1IMjH15
G6872	C2015 01 24.36750 08 51 52.38 -05 19 43.7	18.7 Ro~1ILkH15	B1898	C2015 01 24.42504 08 30 16.90 -03 39 45.3	18.6 Ro~1IHcH15
B0494	C2015 01 24.36750 08 54 29.28 -04 51 12.8	19.2 Ro~1IHWH15	82940	C2015 01 24.42504 08 31 56.24 -03 12 59.1	19.3 Ro~1IFEH15
O0226	C2015 01 24.37000 08 48 53.49 -03 38 11.5	19.9 Ro~1IQRH15	66859	C2015 01 24.42504 08 27 05.88 -02 48 47.6	18.5 Ro~1IDWH15
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d6202	C2015 01 24.37000 08 47 55.50 -03 39 48.6	19.3 Ro~1IWtH15	06052	C2015 01 24.42504 08 29 52.88 -03 00 22.1	15.4 Ro~1I7RH15
O5057	C2015 01 24.37250 08 53 38.91 -02 23 14.5	19.6 Ro~1IQgH15	W1696	C2015 01 24.42504 08 27 43.40 -04 30 56.7	19.4 Ro~1ITqH15
N6745	C2015 01 24.37250 08 53 58.17 -02 35 10.7	19.4 Ro~1IQDH15	N5516	C2015 01 24.43125 08 34 37.17 -01 13 07.1	19.5 Ro~1IQ8H15
F5232	C2015 01 24.37250 08 48 59.92 -02 36 28.1	18.9 Ro~1IKxH15	59507	C2015 01 24.43125 08 33 49.64 -01 29 15.9	19.0 Ro~1ICwH15
30387	C2015 01 24.37250 08 47 59.82 -01 54 32.8	17.5 Ro~1IADH15	57604	C2015 01 24.43125 08 38 25.57 -01 45 10.2	18.3 Ro~1ICoH15
78504	C2015 01 24.37250 08 51 54.81 -01 19 34.8	17.8 Ro~1IEjH15	14213	C2015 01 24.43125 08 36 33.20 -02 05 14.0	16.6 Ro~1I8QH15
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f9287	C2015 01 24.37250 08 52 00.50 -02 22 27.2	19.6 Ro~1IXFH15	I2458	C2015 01 24.43624 08 28 26.40 -03 31 03.7	19.0 Ro~1IMjH15
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82786	C2015 01 24.38262 08 35 43.65 -02 55 42.8	19.0 Ro~1IFDH15	62395	C2015 01 24.45506 08 25 33.69 -03 24 27.7	18.9 Ro~1IDAH15

48516	C2015 01 24.45506 08 25 34.72 -03 01 21.5	17.6	Ro~lIByH15	19689	C2015 01 25.22102 10 05 37.79 +05 27 42.4	19.1	Ro~lI9lH15
K6628	C2015 01 24.45763 08 25 28.22 -06 03 35.4	18.1	Ro~lIOJH15	17157	C2015 01 25.22102 10 04 53.38 +05 31 46.0	17.7	Ro~lI8nH15
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62395	C2015 01 24.46596 08 25 33.12 -03 24 26.1	18.7	Ro~lIDAH15	I0501	C2015 01 25.22915 07 45 58.24 +03 51 29.1	19.9	Ro~lIMcH15
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06730	C2015 01 24.47514 15 04 13.30 -00 19 04.7	18.0	Ro~lI7YH15	R6100	C2015 01 25.22915 07 44 54.39 +04 16 33.2	19.7	Ro~lISXH15
C3642	C2015 01 24.47759 15 04 19.64 +00 18 00.0	19.6	Ro~lIIfH15	D4239	C2015 01 25.23183 10 04 16.61 +06 27 44.4	19.0	Ro~lIJMH15
98821	C2015 01 24.48195 15 10 14.77 -01 26 04.1	20.1	Ro~lIGVH15	66815	C2015 01 25.23183 10 07 57.85 +07 01 47.3	18.8	Ro~lIDWH15
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33239	C2015 01 24.48549 15 04 35.40 -01 19 53.0	19.2	Ro~lIAVH15	62851	C2015 01 25.23183 10 05 52.49 +05 56 19.9	18.8	Ro~lIDCH15
34096	C2015 01 24.48549 15 06 38.65 +00 01 01.3	19.7	Ro~lIAZH15	38264	C2015 01 25.23183 10 03 09.04 +05 16 10.4	18.2	Ro~lIAxH15
19327	C2015 01 24.48549 15 02 10.53 -00 19 07.8	17.5	Ro~lI8yH15	A7660	C2015 01 25.23183 10 05 09.94 +06 31 37.5	19.4	Ro~lIHEH15
06730	C2015 01 24.48549 15 04 14.01 -00 19 03.8	17.5	Ro~lI7YH15	19533	C2015 01 25.23183 10 04 42.43 +06 48 23.7	19.0	Ro~lI90H15
C3642	C2015 01 24.48844 15 04 20.56 +00 18 00.9	19.6	Ro~lIIfH15	25959	C2015 01 25.23183 10 03 12.90 +05 50 38.4	19.3	Ro~lI9jH15
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84798	C2015 01 24.49632 15 06 57.67 -01 23 38.6	19.3	Ro~lIFRH15	17157	C2015 01 25.23183 10 04 52.96 +05 31 50.3	17.6	Ro~lI8nH15
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34096	C2015 01 24.49632 15 06 39.21 +00 01 00.9	19.8	Ro~lIAZH15	D6260	C2015 01 25.23462 10 01 54.98 +04 02 25.9	19.2	Ro~lIJXH15
19327	C2015 01 24.49632 15 02 11.46 -00 19 09.2	17.5	Ro~lI8yH15	84135	C2015 01 25.23462 10 04 01.09 +04 14 42.3	18.5	Ro~lIFNH15
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C3642	C2015 01 24.49927 15 04 21.51 +00 17 59.4	19.4	Ro~lIIfH15	66829	C2015 01 25.23462 10 05 28.19 +04 07 09.1	19.4	Ro~lIDWH15
98821	C2015 01 24.50362 15 10 16.63 -01 26 03.8	19.7	Ro~lIGVH15	58044	C2015 01 25.23462 10 03 56.57 +03 35 20.1	19.9	Ro~lICrH15
17012	C2015 01 25.11937 07 21 31.90 +01 11 45.4	17.7	Ro~lI8mH15	29502	C2015 01 25.23462 10 04 57.77 +03 33 34.0	19.9	Ro~lIA7H15
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76728	C2015 01 25.12213 07 22 47.31 +05 04 49.0	18.3	Ro~lIEVH15	64059	C2015 01 25.23462 10 05 06.24 +03 57 22.0	18.4	Ro~lIDJH15
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00968	C2015 01 25.16603 07 33 03.54 +02 40 43.6	14.1	Ro~lI6hH15	R6100	C2015 01 25.24067 07 44 53.78 +04 16 35.7	19.2	Ro~lISXH15
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51852	C2015 01 25.17455 07 30 59.77 +01 32 46.0	17.1	Ro~lICKH15	62851	C2015 01 25.24331 10 05 52.00 +05 56 22.5	19.0	Ro~lIDCH15
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76457	C2015 01 25.17965 07 34 38.45 +03 49 52.4	18.4	Ro~lIETH15	A7660	C2015 01 25.24331 10 05 09.38 +06 31 40.2	19.1	Ro~lIHEH15
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76457	C2015 01 25.19046 07 34 37.92 +03 49 56.1	18.5	Ro~lIETH15	84135	C2015 01 25.24610 10 04 00.72 +04 14 47.1	18.3	Ro~lIFNH15
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C3712	C2015 01 25.19395 07 42 38.87 +00 39 30.0	18.7	Ro~lIIgH15	66829	C2015 01 25.24610 10 05 27.68 +04 07 09.1	19.4	Ro~lIDWH15
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B8731	C2015 01 25.21834 07 48 51.64 +03 46 43.7	18.5	Ro~lIIGH15	45752	C2015 01 25.24880 10 02 17.18 +01 30 41.7	18.5	Ro~lIBhH15
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59787	C2015 01 25.21834 07 48 48.01 +03 41 28.9	19.6	Ro~lICzH15	04934	C2015 01 25.24880 10 05 02.47 +00 50 19.8	17.7	Ro~lI7JH15
22308	C2015 01 25.21834 07 44 42.84 +04 40 00.0	19.2	Ro~lI9JH15	01456	C2015 01 25.24880 10 08 37.42 +01 21 47.0	16.8	Ro~lI6nH15
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04186	C2015 01 25.21834 07 49 43.82 +05 22 11.0	16.4	Ro~lI7DH15	75080	C2015 01 25.25141 10 06 36.18 +03 24 52.6	19.9	Ro~lIEKH15
R6100	C2015 01 25.21834 07 44 54.91 +04 16 29.2	20.1	Ro~lISXH15	60376	C2015 01 25.25141 10 06 03.63 +02 27 16.0	19.4	Ro~lID1H15
D4239	C2015 01 25.22102 10 04 17.08 +06 27 45.4	19.4	Ro~lIJMH15	66811	C2015 01 25.25141 10 04 27.90 +01 51 03.9	19.6	Ro~lIDWH15
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66222	C2015 01 25.22102 10 02 39.54 +05 51 15.3	19.5	Ro~lIDSH15	21501	C2015 01 25.25141 10 04 06.95 +02 59 59.5	17.9	Ro~lI9EH15
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D5994	C2015 01 25.25401 10 11 54.64 +01 20 25.1	19.4 Ro~1IJVH15	80772	C2015 01 25.27350 10 06 53.14 +02 32 12.9	19.3 Ro~1IF1H15
80618	C2015 01 25.25401 10 15 16.68 +00 57 51.1	18.4 Ro~1IEzH15	75080	C2015 01 25.27350 10 06 34.94 +03 24 54.1	19.9 Ro~1IEKH15
77406	C2015 01 25.25401 10 14 35.87 +00 26 45.9	19.2 Ro~1IEZH15	60376	C2015 01 25.27350 10 06 02.64 +02 27 22.1	19.6 Ro~1ID1H15
65487	C2015 01 25.25401 10 10 57.12 +00 19 01.1	18.7 Ro~1IDPH15	66811	C2015 01 25.27350 10 04 27.17 +01 51 06.0	19.8 Ro~1IDWH15
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35298	C2015 01 25.25401 10 08 57.52 +01 23 57.4	18.9 Ro~1IAgH15	23580	C2015 01 25.27350 10 04 23.65 +01 49 37.3	19.3 Ro~1I9SH15
A4518	C2015 01 25.25401 10 14 46.27 +00 56 35.8	19.2 Ro~1IGzH15	14061	C2015 01 25.27350 10 03 33.89 +02 04 30.1	18.3 Ro~1I8PH15
19551	C2015 01 25.25401 10 09 29.46 +00 22 42.0	18.5 Ro~1I90H15	87723	C2015 01 25.27350 10 03 46.97 +02 56 12.0	18.6 Ro~1IFgH15
23202	C2015 01 25.25401 10 15 19.51 +01 05 07.2	19.5 Ro~1I9PH15	23202	C2015 01 25.27615 10 15 18.72 +01 05 08.0	19.5 Ro~1I9PH15
04074	C2015 01 25.25401 10 14 23.91 +00 40 37.2	17.4 Ro~1I7CH15	H2884	C2015 01 25.27615 10 11 50.88 +01 04 52.2	19.8 Ro~1IM7H15
D6260	C2015 01 25.25662 10 01 53.88 +04 02 26.5	19.1 Ro~1IJXH15	D7951	C2015 01 25.27615 10 14 55.81 +00 11 53.9	19.8 Ro~1IJ1H15
84135	C2015 01 25.25662 10 04 00.38 +04 14 52.1	18.4 Ro~1IFNH15	D5994	C2015 01 25.27615 10 11 53.78 +01 20 24.6	19.7 Ro~1IJVH15
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66829	C2015 01 25.25662 10 05 27.19 +04 07 09.7	19.6 Ro~1IDWH15	77406	C2015 01 25.27615 10 14 34.92 +00 26 43.6	19.2 Ro~1IEZH15
58044	C2015 01 25.25662 10 03 55.53 +03 35 19.2	19.3 Ro~1ICrH15	65487	C2015 01 25.27615 10 10 56.52 +00 19 10.3	18.7 Ro~1IDPH15
29502	C2015 01 25.25662 10 04 56.80 +03 33 36.9	19.4 Ro~1IA7H15	55240	C2015 01 25.27615 10 10 22.17 +00 47 47.0	19.3 Ro~1ICdH15
24912	C2015 01 25.25662 10 04 51.68 +04 40 16.0	18.9 Ro~1I9bH15	50652	C2015 01 25.27615 10 14 09.97 +00 05 28.6	19.3 Ro~1ICCH15
64059	C2015 01 25.25662 10 05 05.42 +03 57 25.1	18.3 Ro~1IDJH15	39791	C2015 01 25.27615 10 12 25.96 +00 46 48.6	17.3 Ro~1IB5H15
24251	C2015 01 25.25662 10 04 18.48 +04 33 40.9	18.4 Ro~1I9XH15	35298	C2015 01 25.27615 10 08 56.51 +01 24 01.6	18.8 Ro~1IAgH15
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04218	C2015 01 25.25662 10 02 46.31 +03 48 33.7	17.7 Ro~1I7DH15	19551	C2015 01 25.27615 10 09 28.42 +00 22 46.7	18.6 Ro~1I90H15
03625	C2015 01 25.25662 10 05 06.43 +04 37 31.1	16.8 Ro~1I78H15	04074	C2015 01 25.27615 10 14 23.17 +00 40 41.2	17.3 Ro~1I7CH15
J0106	C2015 01 25.26019 10 05 01.59 +00 08 29.7	19.0 Ro~1INEH15	49595	C2015 01 25.27615 10 15 54.85 +00 19 57.9	19.0 Ro~1IC6H15
H7674	C2015 01 25.26019 10 06 12.05 +01 23 01.8	18.7 Ro~1IMQH15	A7262	C2015 01 25.27884 10 14 25.87 +01 58 52.1	19.4 Ro~1IHCH15
G9341	C2015 01 25.26019 10 05 52.94 +01 21 35.0	19.5 Ro~1ILvH15	91466	C2015 01 25.27884 10 09 13.25 +02 46 28.4	19.9 Ro~1IG0H15
F2122	C2015 01 25.26019 10 06 27.17 +00 36 12.1	19.1 Ro~1IKkH15	90287	C2015 01 25.27884 10 09 15.10 +03 07 21.2	19.7 Ro~1IFtH15
F0250	C2015 01 25.26019 10 04 33.96 +00 28 02.2	18.6 Ro~1IKbH15	82648	C2015 01 25.27884 10 10 51.93 +02 58 31.6	19.7 Ro~1IFCH15
82254	C2015 01 25.26019 10 02 49.73 +01 14 13.1	19.0 Ro~1IF9H15	34000	C2015 01 25.27884 10 14 09.53 +03 08 18.6	19.5 Ro~1IAZH15
82040	C2015 01 25.26019 10 05 36.45 -00 01 45.9	17.6 Ro~1IF8H15	56707	C2015 01 25.27884 10 11 24.74 +02 36 54.6	19.7 Ro~1ICkH15
77666	C2015 01 25.26019 10 04 21.77 -00 02 09.1	19.1 Ro~1IEbH15	41119	C2015 01 25.27884 10 12 38.50 +02 39 00.1	19.6 Ro~1IBEH15
38094	C2015 01 25.26019 10 03 29.09 +01 28 27.1	18.7 Ro~1IAwH15	61089	C2015 01 25.27884 10 13 34.09 +03 17 51.5	19.9 Ro~1ID4H15
45752	C2015 01 25.26019 10 02 16.74 +01 30 42.0	19.4 Ro~1IBhH15	44597	C2015 01 25.27884 10 15 54.48 +02 11 44.1	19.0 Ro~1IBZH15
87407	C2015 01 25.26019 10 05 39.74 +01 23 08.7	19.1 Ro~1IFdH15	21392	C2015 01 25.27884 10 10 31.58 +02 00 09.7	19.1 Ro~1I9DH15
04934	C2015 01 25.26019 10 05 02.00 +00 50 22.2	18.1 Ro~1I7JH15	14785	C2015 01 25.27884 10 13 34.17 +01 55 44.2	18.3 Ro~1I8UH15
01456	C2015 01 25.26019 10 08 37.00 +01 21 47.8	16.8 Ro~1I6nH15	12216	C2015 01 25.27884 10 13 45.41 +01 57 05.0	18.7 Ro~1I8CH15
F3768	C2015 01 25.26278 10 07 35.99 +02 42 48.3	19.5 Ro~1IKrH15	10793	C2015 01 25.27884 10 11 38.04 +02 12 25.4	18.7 Ro~1I82H15
80772	C2015 01 25.26278 10 06 53.62 +02 32 14.1	19.4 Ro~1IF1H15	04938	C2015 01 25.27884 10 12 57.18 +03 08 17.9	17.3 Ro~1I7JH15
75080	C2015 01 25.26278 10 06 35.52 +03 24 53.7	19.8 Ro~1IEKH15	52251	C2015 01 25.27884 10 15 03.81 +01 52 33.5	19.4 Ro~1ICMH15
60376	C2015 01 25.26278 10 06 03.15 +02 27 20.5	19.6 Ro~1ID1H15	12068	C2015 01 25.27884 10 13 35.42 +02 36 39.7	18.4 Ro~1I8BH15
66811	C2015 01 25.26278 10 04 27.52 +01 51 03.9	19.8 Ro~1IDWH15	00639	C2015 01 25.27884 10 11 17.43 +02 12 43.5	13.4 Ro~1I6dH15
21501	C2015 01 25.26278 10 04 06.37 +02 59 58.9	18.1 Ro~1I9EH15	R6441	C2015 01 25.27884 10 13 05.35 +02 23 08.7	19.8 Ro~1ISZH15
75206	C2015 01 25.26278 10 07 20.28 +03 15 46.3	18.8 Ro~1IELH15	H7755	C2015 01 25.28234 10 15 08.86 +04 47 20.0	19.9 Ro~1IMRH15
18024	C2015 01 25.26278 10 03 28.81 +02 51 52.4	18.9 Ro~1I8rH15	G1133	C2015 01 25.28234 10 11 53.97 +04 46 29.2	19.8 Ro~1ILMH15
25393	C2015 01 25.26278 10 04 13.96 +02 37 57.7	18.7 Ro~1I9fH15	C4501	C2015 01 25.28234 10 13 35.05 +03 46 55.5	20.0 Ro~1IIiH15
23580	C2015 01 25.26278 10 04 24.09 +01 49 37.3	19.1 Ro~1I9SH15	B4063	C2015 01 25.28234 10 13 13.83 +04 25 48.9	19.7 Ro~1IHqH15
14061	C2015 01 25.26278 10 03 34.44 +02 04 27.8	18.3 Ro~1I8PH15	91481	C2015 01 25.28234 10 09 25.27 +04 31 48.1	19.8 Ro~1IG0H15
87723	C2015 01 25.26278 10 03 47.54 +02 56 14.0	18.4 Ro~1IFgH15	70286	C2015 01 25.28234 10 14 22.53 +04 28 24.3	19.7 Ro~1IDsH15
23202	C2015 01 25.26536 10 15 19.11 +01 05 06.9	20.4 Ro~1I9PH15	69339	C2015 01 25.28234 10 10 49.89 +05 05 50.2	19.4 Ro~1IDmH15
H2884	C2015 01 25.26536 10 11 51.22 +01 04 51.9	19.7 Ro~1IM7H15	63496	C2015 01 25.28234 10 10 50.30 +03 32 28.4	20.0 Ro~1IDGH15
D7951	C2015 01 25.26536 10 14 56.32 +00 11 53.8	19.8 Ro~1IJ1H15	51433	C2015 01 25.28234 10 11 35.45 +04 21 03.4	19.9 Ro~1ICHH15
D5994	C2015 01 25.26536 10 11 54.20 +01 20 24.4	19.4 Ro~1IJVH15	50937	C2015 01 25.28234 10 13 19.15 +04 49 48.4	19.0 Ro~1ICEH15
80618	C2015 01 25.26536 10 15 16.30 +00 57 52.1	18.4 Ro~1IEzH15	35839	C2015 01 25.28234 10 12 32.86 +04 04 38.8	18.2 Ro~1IAjH15
77406	C2015 01 25.26536 10 14 35.36 +00 26 44.5	19.6 Ro~1IEZH15	42641	C2015 01 25.28234 10 11 35.88 +05 04 53.6	19.3 Ro~1IBNH15
65487	C2015 01 25.26536 10 10 56.84 +00 19 05.0	18.7 Ro~1IDPH15	20638	C2015 01 25.28234 10 14 27.98 +04 35 37.9	18.7 Ro~1I98H15
55240	C2015 01 25.26536 10 10 22.59 +00 47 45.4	19.5 Ro~1ICdH15	11883	C2015 01 25.28234 10 15 46.08 +04 10 00.5	18.3 Ro~1I8AH15
50652	C2015 01 25.26536 10 14 10.26 +00 05 27.6	19.0 Ro~1ICCH15	39740	C2015 01 25.28234 10 10 36.83 +04 58 32.2	17.8 Ro~1IB5H15
49595	C2015 01 25.26536 10 15 55.29 +00 19 56.8	19.1 Ro~1IC6H15	O4946	C2015 01 25.28490 10 14 56.33 +05 34 14.2	20.5 Ro~1IQfH15
39791	C2015 01 25.26536 10 12 26.35 +00 46 35.7	17.1 Ro~1IB5H15	J6495	C2015 01 25.28490 10 11 09.18 +05 34 34.5	20.1 Ro~1INdH15
35298	C2015 01 25.26536 10 08 57.01 +01 24 00.6	18.8 Ro~1IAgH15	J5161	C2015 01 25.28490 10 15 47.53 +05 58 53.2	20.4 Ro~1INXH15
A4518	C2015 01 25.26536 10 14 45.76 +00 56 35.9	19.1 Ro~1IGzH15	F8420	C2015 01 25.28490 10 14 04.60 +05 35 47.4	20.0 Ro~1ILBH15
19551	C2015 01 25.26536 10 09 28.94 +00 22 44.4	18.7 Ro~1I90H15	E4095	C2015 01 25.28490 10 11 01.20 +06 29 22.3	19.4 Ro~1IKBH15
04074	C2015 01 25.26536 10 14 23.55 +00 40 39.6	17.3 Ro~1I7CH15	42667	C2015 01 25.28490 10 13 50.01 +05 40 55.5	19.9 Ro~1IBNH15
A7262	C2015 01 25.26801 10 14 26.33 +01 58 51.5	19.3 Ro~1IHCH15	B6460	C2015 01 25.28490 10 13 36.04 +05 45 26.6	19.8 Ro~1II4H15
91466	C2015 01 25.26801 10 09 13.66 +02 46 24.8	19.3 Ro~1IG0H15	44125	C2015 01 25.28490 10 09 50.64 +05 16 49.3	18.9 Ro~1IBWH15
90287	C2015 01 25.26801 10 09 15.43 +03 07 18.7	19.9 Ro~1IFtH15	97792	C2015 01 25.28490 10 09 15.98 +06 27 22.5	19.6 Ro~1IGRH15
82648	C2015 01 25.26801 10 10 52.40 +02 58 32.8	19.2 Ro~1IFCH15	93077	C2015 01 25.28490 10 14 19.87 +05 24 28.7	19.4 Ro~1IG4H15
34000	C2015 01 25.26801 10 14 10.01 +03 08 17.5	19.6 Ro~1IAZH15	29410	C2015 01 25.28490 10 09 50.14 +06 02 12.3	18.8 Ro~1IA7H15
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00554	C2015 01 25.40675 10 49 11.45 +04 51 10.0	12.4	Ro~lI6cH15	80556	C2015 01 25.42266 10 53 44.23 +03 11 57.2	18.3	Ro~lIEyH15
Q0561	C2015 01 25.40675 10 46 23.41 +05 05 12.6	19.6	Ro~lIRKH15	79121	C2015 01 25.42266 10 57 13.43 +01 56 36.0	18.2	Ro~lIEoH15
Q8905	C2015 01 25.40675 10 46 37.77 +05 06 15.6	19.2	Ro~lIRuH15	75695	C2015 01 25.42266 10 53 37.17 +02 15 18.9	18.5	Ro~lIEPH15
F0240	C2015 01 25.40921 10 55 04.60 +01 31 38.0	19.3	Ro~lIKbH15	64840	C2015 01 25.42266 10 55 21.54 +02 33 00.7	18.6	Ro~lIDMH15
C4659	C2015 01 25.40921 10 54 06.20 +00 27 02.5	20.5	Ro~lIIiH15	63610	C2015 01 25.42266 10 56 57.98 +02 53 55.8	18.2	Ro~lIDGH15
87608	C2015 01 25.40921 10 56 25.13 +00 39 51.1	20.1	Ro~lIFfH15	54569	C2015 01 25.42266 10 54 55.09 +01 55 11.2	19.0	Ro~lICZH15
80582	C2015 01 25.40921 10 55 34.68 +01 10 07.7	19.1	Ro~lIEzH15	J4869	C2015 01 25.42266 10 54 29.40 +03 15 33.6	19.4	Ro~lINWH15
69649	C2015 01 25.40921 10 53 22.29 -00 02 36.3	18.9	Ro~lIDnH15	56697	C2015 01 25.42266 10 57 11.02 +02 12 50.7	18.5	Ro~lICkH15
65951	C2015 01 25.40921 10 57 23.89 +01 23 50.2	18.8	Ro~lIDRH15	93711	C2015 01 25.42266 10 52 23.95 +02 58 52.0	19.4	Ro~lIGAH15
G1239	C2015 01 25.40921 10 55 24.09 +01 30 39.0	20.0	Ro~lILNH15	44798	C2015 01 25.42266 10 52 53.09 +02 05 20.9	17.7	Ro~lIBaH15
18303	C2015 01 25.40921 10 51 59.05 +00 26 48.2	18.3	Ro~lI8tH15	20181	C2015 01 25.42266 10 53 57.51 +02 06 28.6	18.3	Ro~lI94H15
38319	C2015 01 25.40921 10 55 51.14 +01 35 51.0	19.8	Ro~lIAxH15	25478	C2015 01 25.42266 10 54 22.17 +02 34 47.2	18.5	Ro~lI9fH15
08306	C2015 01 25.40921 10 55 22.44 +00 34 13.5	19.6	Ro~lI7kH15	23317	C2015 01 25.42266 10 54 26.26 +02 30 35.4	19.2	Ro~lI9QH15
03869	C2015 01 25.40921 10 55 56.76 +00 08 20.3	17.6	Ro~lI7AH15	21690	C2015 01 25.42266 10 52 19.12 +02 16 06.8	15.6	Ro~lI9FH15
00685	C2015 01 25.40921 10 54 13.93 +01 16 14.2	16.0	Ro~lI6eH15	48115	C2015 01 25.42266 10 56 24.00 +02 12 22.4	19.0	Ro~lIBvH15
N2600	C2015 01 25.41162 10 53 14.08 +02 40 31.2	19.4	Ro~lIPtH15	14509	C2015 01 25.42266 10 55 05.87 +02 33 58.6	18.4	Ro~lI8SH15
J6732	C2015 01 25.41162 10 57 48.90 +02 00 26.8	19.4	Ro~lINfH15	G4176	C2015 01 25.42665 10 44 44.42 +05 49 28.4	19.5	Ro~lILYH15
29019	C2015 01 25.41162 10 53 57.28 +02 01 08.0	19.5	Ro~lIA5H15	E2160	C2015 01 25.42665 10 45 14.46 +06 41 32.3	19.4	Ro~lIK2H15
80556	C2015 01 25.41162 10 53 44.53 +03 11 58.2	18.4	Ro~lIEyH15	25996	C2015 01 25.42665 10 46 35.95 +06 44 52.8	19.3	Ro~lI9jH15
79121	C2015 01 25.41162 10 57 13.72 +01 56 38.4	18.4	Ro~lIEoH15	A9845	C2015 01 25.42665 10 49 53.47 +05 43 04.9	19.1	Ro~lIHSH15
75695	C2015 01 25.41162 10 53 37.55 +02 15 16.8	18.8	Ro~lIEPH15	95070	C2015 01 25.42665 10 45 03.53 +06 20 28.6	18.3	Ro~lIGFH15
64840	C2015 01 25.41162 10 55 21.89 +02 32 57.3	19.1	Ro~lIDMH15	44627	C2015 01 25.42665 10 51 19.92 +05 42 08.7	18.0	Ro~lIBZH15
63610	C2015 01 25.41162 10 56 58.29 +02 53 53.9	18.5	Ro~lIDGH15	85790	C2015 01 25.42665 10 50 09.84 +06 48 43.0	18.6	Ro~lIFWH15
54569	C2015 01 25.41162 10 54 55.35 +01 55 10.3	19.2	Ro~lICZH15	72327	C2015 01 25.42665 10 46 55.73 +06 41 29.6	18.2	Ro~lIE3H15
J4869	C2015 01 25.41162 10 54 29.71 +03 15 34.5	19.6	Ro~lINWH15	58707	C2015 01 25.42665 10 50 44.14 +06 16 31.4	18.8	Ro~lICuH15
93711	C2015 01 25.41162 10 52 24.27 +02 58 50.7	20.1	Ro~lIGAH15	57537	C2015 01 25.42665 10 45 30.09 +06 30 25.2	19.0	Ro~lICoH15
56697	C2015 01 25.41162 10 57 11.29 +02 12 50.1	19.0	Ro~lICkH15	51949	C2015 01 25.42665 10 49 55.58 +06 01 44.9	19.4	Ro~lICLH15
44798	C2015 01 25.41162 10 52 53.40 +02 05 22.8	17.8	Ro~lIBaH15	49533	C2015 01 25.42665 10 44 36.96 +05 59 44.7	18.3	Ro~lIC5H15
20181	C2015 01 25.41162 10 53 57.94 +02 06 28.6	18.7	Ro~lI94H15	40404	C2015 01 25.42665 10 44 23.37 +05 50 22.5	18.6	Ro~lIB9H15
25478	C2015 01 25.41162 10 54 22.42 +02 34 47.1	18.8	Ro~lI9fH15	36621	C2015 01 25.42665 10 50 41.69 +05 43 32.3	18.4	Ro~lIAoH15
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21690	C2015 01 25.41162 10 52 19.17 +02 15 53.1	15.7	Ro~lI9FH15	19228	C2015 01 25.42665 10 48 04.73 +05 37 16.6	19.0	Ro~lI8yH15
14509	C2015 01 25.41162 10 55 06.12 +02 33 57.9	18.7	Ro~lI8SH15	18673	C2015 01 25.42665 10 50 39.13 +07 03 25.2	19.1	Ro~lI8vH15
48115	C2015 01 25.41162 10 56 24.36 +02 12 21.5	19.1	Ro~lIBvH15	19023	C2015 01 25.42665 10 47 36.07 +06 53 40.3	17.8	Ro~lI8xH15

13344	C2015 01 25.42665 10 47 02.55 +05 56 46.7	18.4	Ro~1I8KH15	13395	C2015 01 25.43800 10 46 03.22 +05 43 19.4	18.6	Ro~1I8KH15
14184	C2015 01 25.42665 10 46 41.05 +05 54 43.5	18.2	Ro~1I8QH15	09716	C2015 01 25.43800 10 47 23.78 +05 52 11.0	18.1	Ro~1I7uH15
08239	C2015 01 25.42665 10 50 20.29 +06 50 35.0	17.7	Ro~1I7jH15	J5099	C2015 01 25.44055 10 51 55.63 +05 39 39.3	19.7	Ro~1INWH15
12236	C2015 01 25.42665 10 49 43.51 +06 13 59.5	18.1	Ro~1I8CH15	H8457	C2015 01 25.44055 10 54 35.65 +06 59 09.5	18.9	Ro~1IMTH15
13761	C2015 01 25.42665 10 49 27.10 +05 46 15.5	17.4	Ro~1I8NH15	G6771	C2015 01 25.44055 10 55 34.94 +06 27 16.0	19.3	Ro~1ILjH15
13395	C2015 01 25.42665 10 46 03.68 +05 43 17.2	19.0	Ro~1I8KH15	D7906	C2015 01 25.44055 10 52 59.14 +05 43 45.5	19.9	Ro~1IJkH15
09716	C2015 01 25.42665 10 47 24.15 +05 52 09.0	18.0	Ro~1I7uH15	D1714	C2015 01 25.44055 10 51 49.20 +06 55 24.3	20.0	Ro~1IJCH15
J5099	C2015 01 25.42916 10 51 55.97 +05 39 39.8	20.1	Ro~1INWH15	C8823	C2015 01 25.44055 10 55 19.88 +06 08 28.2	19.9	Ro~1IJ2H15
H8457	C2015 01 25.42916 10 54 36.36 +06 59 13.4	18.8	Ro~1IMTH15	B6732	C2015 01 25.44055 10 54 04.18 +05 52 50.6	19.6	Ro~1II7H15
G6771	C2015 01 25.42916 10 55 35.29 +06 27 15.8	19.5	Ro~1ILjH15	A8802	C2015 01 25.44055 10 54 18.41 +06 37 51.6	20.1	Ro~1IHKH15
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D1714	C2015 01 25.42916 10 51 49.44 +06 55 21.7	19.6	Ro~1IJCH15	77678	C2015 01 25.44055 10 56 07.16 +05 57 07.7	19.2	Ro~1IEbH15
C8823	C2015 01 25.42916 10 55 20.35 +06 08 25.7	20.1	Ro~1IJ2H15	84167	C2015 01 25.44055 10 54 18.88 +06 49 37.2	20.0	Ro~1IFNH15
B6732	C2015 01 25.42916 10 54 04.39 +05 52 50.3	19.5	Ro~1II7H15	79614	C2015 01 25.44055 10 57 02.67 +06 43 21.7	18.2	Ro~1IErH15
A8802	C2015 01 25.42916 10 54 18.70 +06 37 49.0	20.1	Ro~1IHKH15	79371	C2015 01 25.44055 10 55 58.60 +05 45 07.1	18.5	Ro~1IEpH15
98063	C2015 01 25.42916 10 52 58.14 +05 52 17.9	18.6	Ro~1IGTH15	77155	C2015 01 25.44055 10 54 27.73 +06 33 31.7	19.3	Ro~1IEYH15
77678	C2015 01 25.42916 10 56 07.44 +05 57 06.6	19.8	Ro~1IEbH15	74764	C2015 01 25.44055 10 54 04.37 +06 48 31.1	18.1	Ro~1IEHH15
84167	C2015 01 25.42916 10 54 19.14 +06 49 34.5	20.0	Ro~1IFNH15	74748	C2015 01 25.44055 10 56 50.38 +05 22 37.3	18.9	Ro~1IEGH15
79614	C2015 01 25.42916 10 57 02.93 +06 43 20.8	18.2	Ro~1IErH15	54859	C2015 01 25.44055 10 57 28.97 +05 24 59.9	18.6	Ro~1ICaH15
79371	C2015 01 25.42916 10 55 59.01 +05 45 08.3	18.7	Ro~1IEpH15	60707	C2015 01 25.44055 10 53 48.91 +05 58 59.8	19.5	Ro~1ID3H15
77155	C2015 01 25.42916 10 54 28.04 +06 33 27.2	19.7	Ro~1IEYH15	61408	C2015 01 25.44055 10 57 39.32 +06 12 44.2	19.0	Ro~1ID6H15
74764	C2015 01 25.42916 10 54 04.76 +06 48 32.8	18.2	Ro~1IEHH15	49209	C2015 01 25.44055 10 54 59.90 +06 53 12.5	19.2	Ro~1IC4H15
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54859	C2015 01 25.42916 10 57 29.13 +05 24 56.8	18.9	Ro~1ICaH15	30006	C2015 01 25.44055 10 56 34.82 +06 51 14.2	18.8	Ro~1IABH15
60707	C2015 01 25.42916 10 53 49.16 +05 58 58.6	19.3	Ro~1ID3H15	93434	C2015 01 25.44055 10 53 15.13 +06 02 39.5	17.3	Ro~1IG7H15
61408	C2015 01 25.42916 10 57 39.80 +06 12 45.4	19.7	Ro~1ID6H15	L7485	C2015 01 25.44055 10 52 59.20 +06 21 23.0	19.6	Ro~1IO1H15
49209	C2015 01 25.42916 10 55 00.27 +06 53 10.2	19.7	Ro~1IC4H15	65868	C2015 01 25.44055 10 56 09.51 +05 52 48.3	20.0	Ro~1IDRH15
D1706	C2015 01 25.42916 10 55 27.38 +05 25 11.0	19.7	Ro~1IJCH15	49248	C2015 01 25.44055 10 52 58.57 +06 11 22.4	18.7	Ro~1IC4H15
30006	C2015 01 25.42916 10 56 35.13 +06 51 11.5	19.1	Ro~1IABH15	36664	C2015 01 25.44055 10 55 11.18 +06 18 54.0	19.1	Ro~1IAoH15
93434	C2015 01 25.42916 10 53 15.48 +06 02 42.1	17.5	Ro~1IG7H15	27160	C2015 01 25.44055 10 58 18.11 +05 45 46.0	18.8	Ro~1I9sH15
65868	C2015 01 25.42916 10 56 09.90 +05 52 45.8	19.7	Ro~1IDRH15	20137	C2015 01 25.44055 10 56 42.94 +06 07 30.7	18.7	Ro~1I94H15
49248	C2015 01 25.42916 10 52 58.81 +06 11 21.0	18.6	Ro~1IC4H15	18178	C2015 01 25.44055 10 57 53.97 +06 58 27.7	19.3	Ro~1I8sH15
36664	C2015 01 25.42916 10 55 11.50 +06 18 50.9	19.1	Ro~1IAoH15	40775	C2015 01 25.44055 10 52 38.97 +05 34 55.7	19.3	Ro~1IBCH15
L7485	C2015 01 25.42916 10 52 59.74 +06 21 28.4	19.3	Ro~1IO1H15	20573	C2015 01 25.44055 10 55 20.68 +06 05 37.6	18.6	Ro~1I97H15
18178	C2015 01 25.42916 10 57 54.34 +06 58 24.4	19.4	Ro~1I8sH15	07314	C2015 01 25.44055 10 53 20.39 +06 24 58.3	16.6	Ro~1I7cH15
27160	C2015 01 25.42916 10 58 18.44 +05 45 45.6	18.8	Ro~1I9sH15	07745	C2015 01 25.44055 10 56 08.58 +06 02 41.2	17.8	Ro~1I7gH15
20137	C2015 01 25.42916 10 56 43.36 +06 07 26.4	18.5	Ro~1I94H15	H5856	C2015 01 25.44055 10 54 10.37 +06 01 04.1	19.8	Ro~1IMJH15
40775	C2015 01 25.42916 10 52 39.30 +05 34 54.3	19.2	Ro~1IBCH15	07861	C2015 01 25.44055 10 53 46.36 +05 57 40.5	18.5	Ro~1I7hH15
20573	C2015 01 25.42916 10 55 20.97 +06 05 35.2	18.8	Ro~1I97H15	X4978	C2015 01 25.44055 10 54 22.30 +06 44 56.8	19.1	Ro~1IUWH15
07745	C2015 01 25.42916 10 56 08.83 +06 02 37.6	17.5	Ro~1I7gH15	d1996	C2015 01 25.44055 10 53 47.27 +06 34 53.3	19.3	Ro~1IWsH15
H5856	C2015 01 25.42916 10 54 10.82 +06 01 02.8	19.9	Ro~1IMJH15	f5870	C2015 01 25.44055 10 55 15.35 +06 51 58.8	19.3	Ro~1IWzH15
07861	C2015 01 25.42916 10 53 46.77 +05 57 39.3	18.7	Ro~1I7hH15	H2100	C2015 01 25.44312 10 44 01.96 +02 55 20.3	19.3	Ro~1IM5H15
07314	C2015 01 25.42916 10 53 20.64 +06 24 56.5	16.6	Ro~1I7cH15	G1197	C2015 01 25.44312 10 44 48.73 +02 31 52.4	18.7	Ro~1ILNH15
X4978	C2015 01 25.42916 10 54 22.51 +06 44 50.0	18.9	Ro~1IUWH15	41024	C2015 01 25.44312 10 48 33.85 +02 35 55.2	19.0	Ro~1IBEH15
d1996	C2015 01 25.42916 10 53 47.55 +06 34 53.5	19.1	Ro~1IWsH15	89036	C2015 01 25.44312 10 46 13.83 +02 37 39.9	19.8	Ro~1IFoH15
f5870	C2015 01 25.42916 10 55 16.26 +06 52 05.5	20.0	Ro~1IWzH15	85332	C2015 01 25.44312 10 46 57.22 +02 24 12.3	19.6	Ro~1IFUH15
H2100	C2015 01 25.43165 10 44 02.20 +02 55 21.1	19.4	Ro~1IM5H15	83212	C2015 01 25.44312 10 45 41.33 +02 02 08.8	19.5	Ro~1IFGH15
G1197	C2015 01 25.43165 10 44 49.06 +02 31 45.3	18.3	Ro~1ILNH15	76798	C2015 01 25.44312 10 44 46.36 +02 48 54.0	19.2	Ro~1IEVH15
89036	C2015 01 25.43165 10 46 14.19 +02 37 38.5	19.6	Ro~1IFoH15	73545	C2015 01 25.44312 10 46 52.10 +02 46 01.1	19.4	Ro~1IE9H15
85332	C2015 01 25.43165 10 46 57.77 +02 24 14.1	19.6	Ro~1IFUH15	69757	C2015 01 25.44312 10 44 44.33 +02 43 03.6	18.3	Ro~1IDoH15
83212	C2015 01 25.43165 10 45 41.52 +02 02 04.7	19.4	Ro~1IFGH15	F6968	C2015 01 25.44312 10 48 28.66 +02 28 34.8	19.5	Ro~1IL5H15
76798	C2015 01 25.43165 10 44 46.74 +02 48 53.7	19.0	Ro~1IEVH15	87580	C2015 01 25.44312 10 47 12.73 +03 10 42.1	18.7	Ro~1IFfH15
73545	C2015 01 25.43165 10 46 52.52 +02 46 00.6	19.3	Ro~1IE9H15	32905	C2015 01 25.44312 10 50 04.56 +02 08 43.9	19.9	Ro~1IATH15
69757	C2015 01 25.43165 10 44 44.68 +02 43 04.2	18.1	Ro~1IDoH15	B1641	C2015 01 25.44312 10 44 55.05 +02 37 28.3	19.1	Ro~1IHbH15
F6968	C2015 01 25.43165 10 48 28.90 +02 28 33.2	19.4	Ro~1IL5H15	44592	C2015 01 25.44312 10 48 15.54 +02 44 17.5	17.2	Ro~1IBZH15
87580	C2015 01 25.43165 10 47 13.19 +03 10 44.2	18.3	Ro~1IFfH15	16875	C2015 01 25.44312 10 49 02.25 +03 05 03.1	18.4	Ro~1I81H15
32905	C2015 01 25.43165 10 50 04.83 +02 08 43.9	19.7	Ro~1IATH15	14545	C2015 01 25.44312 10 46 15.71 +02 27 39.5	18.9	Ro~1I8TH15
B1641	C2015 01 25.43165 10 44 55.48 +02 37 28.4	19.1	Ro~1IHbH15	44068	C2015 01 25.44312 10 49 33.12 +01 52 24.7	18.0	Ro~1IBWH15
44592	C2015 01 25.43165 10 48 15.98 +02 44 20.7	17.0	Ro~1IBZH15	04213	C2015 01 25.44312 10 46 47.40 +01 59 38.8	17.0	Ro~1I7DH15
16875	C2015 01 25.43165 10 49 02.67 +03 05 04.5	18.3	Ro~1I81H15	11015	C2015 01 25.44312 10 49 35.21 +03 25 41.1	19.0	Ro~1I84H15
41024	C2015 01 25.43165 10 48 34.22 +02 35 54.6	18.8	Ro~1IBEH15	04460	C2015 01 25.44312 10 51 01.29 +02 41 34.2	16.4	Ro~1I7FH15
14545	C2015 01 25.43165 10 46 16.01 +02 27 36.0	18.9	Ro~1I8TH15	06053	C2015 01 25.44312 10 50 08.72 +02 35 16.8	17.3	Ro~1I7RH15
44068	C2015 01 25.43165 10 49 33.41 +01 52 21.8	17.9	Ro~1IBWH15	35500	C2015 01 25.44578 10 37 15.16 +01 06 03.9	18.8	Ro~1IAgH15
04213	C2015 01 25.43165 10 46 47.74 +01 59 39.1	16.9	Ro~1I7DH15	28017	C2015 01 25.44578 10 37 50.84 +01 31 46.1	17.9	Ro~1I9yH15
11015	C2015 01 25.43165 10 49 35.58 +03 25 38.5	19.1	Ro~1I84H15	78518	C2015 01 25.44578 10 37 37.65 +01 32 08.4	19.4	Ro~1IEjH15
04460	C2015 01 25.43165 10 51 01.78 +02 41 35.9	16.1	Ro~1I7FH15	J8440	C2015 01 25.44578 10 41 26.64 +01 21 04.5	19.6	Ro~1INoH15
06053	C2015 01 25.43165 10 50 09.82 +02 35 20.9	17.1	Ro~1I7RH15	51812	C2015 01 25.44578 10 40 42.26 +01 09 57.3	19.1	Ro~1ICJH15
35500	C2015 01 25.43432 10 37 15.49 +01 05 59.9	18.9	Ro~1IAgH15	10864	C2015 01 25.44578 10 41 29.63 +00 16 55.0	18.9	Ro~1I82H15
28017	C2015 01 25.43432 10 37 51.40 +01 31 44.5	17.9	Ro~1I9yH15	52321	C2015 01 25.44578 10 38 30.17 +00 52 25.2	20.0	Ro~1ICNH15
78518	C2015 01 25.43432 10 37 38.08 +01 32 09.6	19.2	Ro~1IEjH15	G4176	C2015 01 25.44878 10 44 43.82 +05 49 29.3	19.5	Ro~1ILYH15
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J8440	C2015 01 25.43432 10 41 26.95 +01 21 06.5	19.5	Ro~1INoH15	25996	C2015 01 25.44878 10 46 35.10 +06 44 59.4	19.1	Ro~1I9kH15
10864	C2015 01 25.43432 10 41 30.06 +00 16 55.4	18.3	Ro~1I82H15	A9845	C2015 01 25.44878 10 49 52.84 +05 43 12.1	19.0	Ro~1IHSH15
52321	C2015 01 25.43432 10 38 30.40 +00 52 23.2	20.0	Ro~1ICNH15	95070	C2015 01 25.44878 10 45 02.49 +06 20 22.1	18.5	Ro~1IGFH15
G4176	C2015 01 25.43800 10 44 44.05 +05 49 29.5	19.3	Ro~1ILYH15	44627	C2015 01 25.44878 10 51 19.39 +05 42 17.1	17.8	Ro~1IBZH15
E2160	C2015 01 25.43800 10 45 14.05 +06 41 33.4	19.3	Ro~1IK2H15	85790	C2015 01 25.44878 10 50 09.13 +06 48 45.3	18.9	Ro~1IFWH15
25996	C2015 01 25.43800 10 46 35.56 +06 44 56.3	19.1	Ro~1I9jH15	72327	C2015 01 25.44878 10 46 55.06 +06 41 35.7	18.2	Ro~1IE3H15
A9845	C2015 01 25.43800 10 49 53.11 +05 43 09.0	19.4	Ro~1IHSH15	58707	C2015 01 25.44878 10 50 43.23 +06 16 28.9	18.8	Ro~1ICuH15
95070	C2015 01 25.43800 10 45 03.02 +06 20 26.0	18.3	Ro~1IGFH15	57537	C2015 01 25.44878 10 45 29.43 +06 30 33.0	19.0	Ro~1ICoH15
44627	C2015 01 25.43800 10 51 19.63 +05 42 12.7	17.8	Ro~1IBZH15	51949	C2015 01 25.44878 10 49 55.12 +06 01 44.8	19.3	Ro~1ICLH15
85790	C2015 01 25.43800 10 50 09.45 +06 48 44.0	18.8	Ro~1IFWH15	49533	C2015 01 25.44878 10 44 36.30 +05 59 51.6	18.6	Ro~1IC5H15
72327	C2015 01 25.43800 10 46 55.38 +06 41 32.1	18.4	Ro~1IE3H15	40404	C2015 01 25.44878 10 44 22.55 +05 50 30.7	18.5	Ro~1IB9H15
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40404	C2015 01 25.43800 10 44 22.92 +05 50 27.0	18.8	Ro~1IB9H15	19023	C2015 01 25.44878 10 47 35.52 +06 53 44.3	17.8	Ro~1I8xH15
36621	C2015 01 25.43800 10 50 41.23 +05 43 32.7	19.1	Ro~1IAoH15	14184	C2015 01 25.44878 10 46 40.36 +05 54 46.9	18.1	Ro~1I8QH15
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G9506	C2015 01 26.08424 07 42 35.40 +19 28 26.5	19.0 Ro~lILwH15
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F3103	C2015 01 26.08424 07 37 43.77 +19 16 53.5	19.6 Ro~lIKnH15
E5715	C2015 01 26.08424 07 36 27.46 +20 17 35.6	19.1 Ro~lIKIH15
D3322	C2015 01 26.08424 07 39 11.42 +20 15 32.3	19.4 Ro~lIJHH15
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B2812	C2015 01 26.08424 07 42 01.63 +19 19 27.5	19.3 Ro~lIHjH15
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77231	C2015 01 26.08424 07 38 49.92 +19 33 21.3	18.6 Ro~lIEYH15
76136	C2015 01 26.08424 07 39 57.36 +19 17 26.0	19.3 Ro~lIERH15
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55254	C2015 01 26.08424 07 38 06.55 +20 28 35.2	18.9 Ro~lICdH15
23535	C2015 01 26.08424 07 36 35.89 +19 35 45.0	18.8 Ro~lI9SH15
47417	C2015 01 26.08424 07 36 02.18 +20 01 21.6	18.1 Ro~lIBsH15
32518	C2015 01 26.08424 07 37 48.16 +20 06 09.7	17.9 Ro~lIAQH15
39831	C2015 01 26.08424 07 38 05.77 +20 40 41.0	17.1 Ro~lIB6H15
72448	C2015 01 26.08424 07 42 31.09 +20 42 25.9	19.1 Ro~lIE4H15
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35819	C2015 01 26.08424 07 37 48.68 +19 51 17.6	18.8 Ro~lIAjH15
34346	C2015 01 26.08424 07 39 49.10 +20 27 20.6	18.8 Ro~lIAbH15
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G8724	C2015 01 26.08424 07 40 26.34 +19 19 31.2	19.7 Ro~lILrH15
51564	C2015 01 26.08424 07 40 17.42 +20 25 41.3	19.1 Ro~lICIH15
23581	C2015 01 26.08424 07 43 39.53 +19 19 42.5	18.8 Ro~lI9SH15
B6466	C2015 01 26.08424 07 39 15.11 +19 28 49.1	19.0 Ro~lII4H15
31193	C2015 01 26.08424 07 39 06.92 +19 25 18.1	17.3 Ro~lIAIH15
20812	C2015 01 26.08424 07 40 01.01 +19 47 41.0	17.8 Ro~lI98H15
22739	C2015 01 26.08424 07 43 02.62 +19 25 13.7	18.2 Ro~lI9MH15
72653	C2015 01 26.08424 07 38 00.65 +19 41 48.0	18.1 Ro~lIE5H15
13725	C2015 01 26.08424 07 43 01.36 +19 20 32.0	18.0 Ro~lI8MH15
07379	C2015 01 26.08424 07 37 48.92 +20 13 35.0	19.1 Ro~lI7dH15
11408	C2015 01 26.08424 07 39 18.76 +20 26 28.0	18.0 Ro~lI87H15
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L9616	C2015 01 26.08674 07 41 12.09 +18 54 48.6	19.4 Ro~lIOvH15
G6500	C2015 01 26.08674 07 41 11.18 +19 13 06.5	19.4 Ro~lILhH15
F3636	C2015 01 26.08674 07 38 25.05 +17 50 44.7	19.7 Ro~lIKpH15
F1805	C2015 01 26.08674 07 42 36.35 +18 30 51.0	19.6 Ro~lIKkH15
D7468	C2015 01 26.08674 07 39 03.18 +18 32 22.2	18.9 Ro~lIJfH15
B3268	C2015 01 26.08674 07 39 43.01 +19 11 01.0	19.5 Ro~lIHmH15
A6507	C2015 01 26.08674 07 39 31.34 +17 31 51.3	18.1 Ro~lIH8H15
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97872	C2015 01 26.08674 07 36 31.68 +18 11 45.2	18.2 Ro~lIGRH15
92281	C2015 01 26.08674 07 39 45.33 +18 18 14.1	19.3 Ro~lIGlH15
76674	C2015 01 26.08674 07 41 48.50 +18 48 58.7	19.3 Ro~lIEUH15
75457	C2015 01 26.08674 07 40 53.32 +18 02 40.5	19.6 Ro~lIENH15
74765	C2015 01 26.08674 07 41 23.30 +18 19 11.9	19.9 Ro~lIEHH15
68162	C2015 01 26.08674 07 36 44.99 +18 37 12.6	19.1 Ro~lIDfH15
51151	C2015 01 26.08674 07 39 35.95 +18 11 48.6	18.9 Ro~lICFH15
39936	C2015 01 26.08674 07 38 19.40 +18 46 32.2	19.4 Ro~lIB7H15
32210	C2015 01 26.08674 07 37 49.33 +18 11 20.8	19.5 Ro~lIAOH15
32877	C2015 01 26.08674 07 39 14.46 +18 05 37.0	18.9 Ro~lIATH15
21197	C2015 01 26.08674 07 41 57.24 +18 57 22.1	19.3 Ro~lI9CH15
17484	C2015 01 26.08674 07 37 50.30 +18 10 21.0	19.2 Ro~lI8oH15
47526	C2015 01 26.08674 07 36 45.86 +18 40 44.1	18.7 Ro~lIBsH15
06918	C2015 01 26.08674 07 37 12.12 +18 28 04.4	16.5 Ro~lI7ZH15
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14787	C2015 01 26.08674 07 42 29.05 +19 01 14.2	18.3 Ro~lI8UH15
66969	C2015 01 26.08674 07 40 22.81 +19 06 42.8	19.5 Ro~lIDXH15
M1459	C2015 01 26.08924 07 39 07.36 +24 05 21.2	19.6 Ro~lIP3H15
K4160	C2015 01 26.08924 07 38 04.51 +23 16 01.9	19.0 Ro~lIOCH15
D1274	C2015 01 26.08924 07 39 14.71 +24 10 52.6	19.0 Ro~lIJAH15
A8900	C2015 01 26.08924 07 41 24.90 +23 48 14.3	18.3 Ro~lIHLH15
86051	C2015 01 26.08924 07 38 26.25 +23 03 11.9	18.1 Ro~lIFYH15
77680	C2015 01 26.08924 07 38 34.27 +24 21 46.9	18.4 Ro~lIEbH15
75639	C2015 01 26.08924 07 37 20.65 +24 04 49.4	18.8 Ro~lIEPH15
74458	C2015 01 26.08924 07 38 01.77 +23 54 52.1	18.1 Ro~lIEEH15
74404	C2015 01 26.08924 07 40 14.09 +23 50 32.4	18.2 Ro~lIEDH15
68581	C2015 01 26.08924 07 42 06.61 +23 42 29.9	18.9 Ro~lIDiH15
68509	C2015 01 26.08924 07 39 50.73 +23 04 31.3	19.4 Ro~lIDhH15
66198	C2015 01 26.08924 07 40 47.90 +24 23 21.3	19.0 Ro~lIDSH15
62171	C2015 01 26.08924 07 42 11.31 +22 55 24.1	18.6 Ro~lID9H15
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16161	C2015 01 26.08924 07 41 52.71 +23 26 06.6	18.0 Ro~lI8gH15
33019	C2015 01 26.08924 07 39 02.44 +23 51 52.7	18.3 Ro~lIATH15
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10409	C2015 01 26.08924 07 42 34.60 +23 38 24.6	17.8 Ro~lI7zH15
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g0967	C2015 01 26.08924 07 41 16.17 +23 40 42.2	19.2 Ro~lIXMH15
K14Y05G	C2015 01 26.08924 07 39 53.79 +23 27 16.4	18.9 Ro~lI2jH15
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G8222	C2015 01 26.09209 07 42 16.12 +22 00 33.8	19.2 Ro~lILqH15
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99838	C2015 01 26.09209 07 42 08.86 +21 45 20.1	19.0 Ro~lIGaH15
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80696	C2015 01 26.09209 07 39 00.52 +21 21 40.8	18.6 Ro~lIF0H15
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73962	C2015 01 26.09209 07 42 39.19 +21 40 11.7	18.3 Ro~lIEBH15
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32587	C2015 01 26.09209 07 41 46.86 +22 20 32.6	19.0 Ro~lIARH15
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35652	C2015 01 26.09209 07 38 27.45 +22 26 56.0	17.0 Ro~lIAiH15
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G5761	C2015 01 26.09507 07 42 39.81 +20 45 17.5	18.9 Ro~1ILdH15
F3103	C2015 01 26.09507 07 37 43.12 +19 16 56.1	19.2 Ro~1IKnH15
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D3322	C2015 01 26.09507 07 39 10.87 +20 15 34.3	19.5 Ro~1IJHH15
B6501	C2015 01 26.09507 07 39 21.61 +20 12 24.2	19.8 Ro~1II5H15
B2812	C2015 01 26.09507 07 42 01.06 +19 19 27.6	19.1 Ro~1IHjH15
A1810	C2015 01 26.09507 07 38 24.05 +20 39 57.9	19.0 Ro~1IG1H15
90402	C2015 01 26.09507 07 36 07.00 +20 12 38.6	19.2 Ro~1IFuH15
45178	C2015 01 26.09507 07 39 08.46 +19 21 59.7	19.0 Ro~1IBdH15
77231	C2015 01 26.09507 07 38 49.21 +19 33 23.0	18.7 Ro~1IEYH15
76136	C2015 01 26.09507 07 39 56.78 +19 17 29.8	19.4 Ro~1IERH15
72156	C2015 01 26.09507 07 42 01.84 +19 24 46.7	19.0 Ro~1IE2H15
71886	C2015 01 26.09507 07 40 09.46 +20 37 18.5	18.2 Ro~1IE0H15
68988	C2015 01 26.09507 07 37 02.97 +19 45 47.4	18.2 Ro~1IDkH15
61795	C2015 01 26.09507 07 38 14.03 +19 55 52.9	19.4 Ro~1ID8H15
56502	C2015 01 26.09507 07 39 27.10 +20 31 41.9	18.9 Ro~1ICjH15
55254	C2015 01 26.09507 07 38 06.04 +20 28 36.9	19.0 Ro~1ICdH15
23535	C2015 01 26.09507 07 36 35.37 +19 35 45.9	19.1 Ro~1I9SH15
47417	C2015 01 26.09507 07 36 01.51 +20 01 25.1	18.3 Ro~1IBsH15
32518	C2015 01 26.09507 07 37 47.57 +20 06 13.3	18.0 Ro~1IAQH15
39831	C2015 01 26.09507 07 38 05.11 +20 40 45.5	17.2 Ro~1IB6H15
72448	C2015 01 26.09507 07 42 30.41 +20 42 27.6	19.5 Ro~1IE4H15
G8850	C2015 01 26.09507 07 36 39.72 +19 52 30.3	19.5 Ro~1ILsH15
A9334	C2015 01 26.09507 07 38 25.09 +19 33 00.8	18.8 Ro~1IHPH15
35819	C2015 01 26.09507 07 37 48.01 +19 51 22.0	18.8 Ro~1IAjH15
34346	C2015 01 26.09507 07 39 48.41 +20 27 22.2	19.2 Ro~1IAbH15
G8724	C2015 01 26.09507 07 40 25.87 +19 19 31.5	19.8 Ro~1ILrH15
51564	C2015 01 26.09507 07 40 16.72 +20 25 44.0	19.4 Ro~1ICIH15
23581	C2015 01 26.09507 07 43 38.77 +19 19 45.4	18.6 Ro~1I9SH15
B6466	C2015 01 26.09507 07 39 14.56 +19 28 49.7	18.9 Ro~1II4H15
31193	C2015 01 26.09507 07 39 06.30 +19 25 17.8	17.4 Ro~1IAIH15
20812	C2015 01 26.09507 07 40 00.40 +19 47 44.7	17.9 Ro~1I98H15
22739	C2015 01 26.09507 07 43 02.03 +19 25 15.8	18.2 Ro~1I9MH15
72653	C2015 01 26.09507 07 38 00.08 +19 41 50.1	18.1 Ro~1IE5H15
13725	C2015 01 26.09507 07 43 00.77 +19 20 34.2	17.9 Ro~1I8MH15
07379	C2015 01 26.09507 07 37 48.28 +20 13 36.0	19.0 Ro~1I7dH15
11408	C2015 01 26.09507 07 39 18.24 +20 26 29.7	18.1 Ro~1I87H15
D7978	C2015 01 26.09507 07 37 20.96 +20 24 17.9	19.2 Ro~1IJlH15
06432	C2015 01 26.09507 07 38 23.36 +19 55 51.0	17.5 Ro~1I7VH15
L9616	C2015 01 26.09761 07 41 11.40 +18 54 46.5	19.1 Ro~1IOvH15
G6500	C2015 01 26.09761 07 41 10.63 +19 13 05.6	19.4 Ro~1ILhH15
F3636	C2015 01 26.09761 07 38 24.46 +17 50 46.6	19.4 Ro~1IKpH15
F1805	C2015 01 26.09761 07 42 35.68 +18 30 54.9	19.3 Ro~1IKkH15
D7468	C2015 01 26.09761 07 39 02.46 +18 32 24.4	18.9 Ro~1IJfH15
B3268	C2015 01 26.09761 07 39 42.47 +19 11 00.8	19.4 Ro~1IHmH15
A6507	C2015 01 26.09761 07 39 30.78 +17 31 56.2	18.2 Ro~1IH8H15
A4754	C2015 01 26.09761 07 40 59.03 +18 15 26.1	19.2 Ro~1IH1H15
97872	C2015 01 26.09761 07 36 30.99 +18 11 49.2	18.2 Ro~1IGRH15
92281	C2015 01 26.09761 07 39 44.85 +18 18 15.5	19.3 Ro~1IG1H15
76674	C2015 01 26.09761 07 41 47.94 +18 48 59.1	19.6 Ro~1IEUH15
75457	C2015 01 26.09761 07 40 52.70 +18 02 42.2	19.3 Ro~1IENH15
74765	C2015 01 26.09761 07 41 22.60 +18 19 14.9	19.6 Ro~1IEHH15
68162	C2015 01 26.09761 07 36 44.39 +18 37 15.3	19.4 Ro~1IDfH15
51151	C2015 01 26.09761 07 39 35.42 +18 11 50.1	19.0 Ro~1ICFH15
39936	C2015 01 26.09761 07 38 18.74 +18 46 35.6	19.2 Ro~1IB7H15
32210	C2015 01 26.09761 07 37 48.70 +18 11 24.9	19.4 Ro~1IAOH15
21197	C2015 01 26.09761 07 41 56.64 +18 57 22.2	19.6 Ro~1I9CH15
17484	C2015 01 26.09761 07 37 49.73 +18 10 21.4	18.8 Ro~1I8oH15
47526	C2015 01 26.09761 07 36 45.24 +18 40 46.2	18.9 Ro~1IBsH15
06918	C2015 01 26.09761 07 37 11.45 +18 28 06.6	16.5 Ro~1I7ZH15
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32877	C2015 01 26.09761 07 39 13.74 +18 05 39.1	18.9 Ro~1IATH15
14787	C2015 01 26.09761 07 42 28.41 +19 01 18.4	18.2 Ro~1I8UH15
66969	C2015 01 26.09761 07 40 22.27 +19 06 44.7	19.4 Ro~1IDXH15
M1459	C2015 01 26.10009 07 39 06.80 +24 05 22.9	19.4 Ro~1IP3H15
K4160	C2015 01 26.10009 07 38 03.87 +23 16 05.0	19.2 Ro~1IOCH15
D1274	C2015 01 26.10009 07 39 14.14 +24 10 54.9	19.3 Ro~1IJAH15
A8900	C2015 01 26.10009 07 41 24.18 +23 48 17.0	18.1 Ro~1IHLH15
86051	C2015 01 26.10009 07 38 25.64 +23 03 12.3	18.0 Ro~1IFYH15
77680	C2015 01 26.10009 07 38 33.69 +24 21 46.5	18.3 Ro~1IEbH15
75639	C2015 01 26.10009 07 37 20.00 +24 04 54.5	18.9 Ro~1IEPH15
74458	C2015 01 26.10009 07 38 01.19 +23 54 56.2	18.3 Ro~1IEEH15
74404	C2015 01 26.10009 07 40 13.49 +23 50 34.7	18.1 Ro~1IEDH15
68581	C2015 01 26.10009 07 42 06.03 +23 42 31.4	19.0 Ro~1IDiH15
68509	C2015 01 26.10009 07 39 50.07 +23 04 31.4	19.2 Ro~1IDhH15
66198	C2015 01 26.10009 07 40 47.06 +24 23 21.8	18.9 Ro~1IDSH15
62171	C2015 01 26.10009 07 42 10.80 +22 55 27.0	18.6 Ro~1ID9H15
61901	C2015 01 26.10009 07 36 15.20 +23 51 27.1	18.9 Ro~1ID8H15
50987	C2015 01 26.10009 07 37 01.04 +24 15 12.2	18.1 Ro~1ICEH15
L9671	C2015 01 26.10009 07 40 24.33 +23 50 57.1	19.6 Ro~1IOvH15
36885	C2015 01 26.10009 07 40 30.35 +23 22 53.2	19.2 Ro~1IApH15
94494	C2015 01 26.10009 07 39 34.08 +24 04 06.2	18.8 Ro~1IGEH15
H7329	C2015 01 26.10009 07 38 57.07 +23 43 23.7	18.5 Ro~1IMPH15
23852	C2015 01 26.10009 07 37 09.40 +23 50 38.3	18.4 Ro~1I9VH15
54416	C2015 01 26.10009 07 42 43.67 +24 22 46.4	18.7 Ro~1ICXH15
16161	C2015 01 26.10009 07 41 52.03 +23 26 10.2	17.9 Ro~1I8gH15
33019	C2015 01 26.10009 07 39 01.70 +23 51 54.4	18.1 Ro~1IATH15
22497	C2015 01 26.10009 07 36 48.60 +23 24 40.2	18.0 Ro~1I9LH15
14029	C2015 01 26.10009 07 40 28.62 +23 56 46.9	17.5 Ro~1I8PH15
11540	C2015 01 26.10009 07 39 00.15 +22 47 52.8	18.2 Ro~1I87H15
14223	C2015 01 26.10009 07 39 17.98 +22 47 14.9	17.7 Ro~1I8QH15
10409	C2015 01 26.10009 07 42 33.98 +23 38 26.3	17.8 Ro~1I7zH15
14718	C2015 01 26.10009 07 39 14.14 +24 14 15.5	16.7 Ro~1I8UH15
14203	C2015 01 26.10009 07 38 19.58 +24 19 46.0	17.6 Ro~1I8QH15
R6020	C2015 01 26.10009 07 40 40.71 +23 05 23.8	18.9 Ro~1ISWH15
a7129	C2015 01 26.10009 07 39 55.88 +22 51 03.9	19.5 Ro~1IVJH15
b1598	C2015 01 26.10009 07 40 47.29 +23 14 22.1	19.2 Ro~1IVbH15
g0967	C2015 01 26.10009 07 41 15.39 +23 40 40.9	19.0 Ro~1IXMH15
K14Y05G	C2015 01 26.10009 07 39 53.22 +23 27 24.9	19.2 Ro~1I2jH15
J1330	C2015 01 26.10354 07 39 48.98 +21 20 00.6	19.5 Ro~1INJH15
G8222	C2015 01 26.10354 07 42 15.37 +22 00 36.4	18.8 Ro~1ILqH15
F3807	C2015 01 26.10354 07 41 14.75 +21 10 19.5	18.4 Ro~1IKrH15
E7386	C2015 01 26.10354 07 39 16.75 +21 18 12.1	19.1 Ro~1IKPH15
E3803	C2015 01 26.10354 07 39 18.08 +22 08 58.9	19.0 Ro~1IK8H15
C7086	C2015 01 26.10354 07 36 47.71 +21 21 27.6	19.6 Ro~1IIvH15
B6411	C2015 01 26.10354 07 36 35.36 +22 02 19.9	19.0 Ro~1II4H15
B2929	C2015 01 26.10354 07 37 41.34 +21 32 37.1	18.9 Ro~1IHjH15
B1330	C2015 01 26.10354 07 40 59.93 +21 51 36.8	18.3 Ro~1IHbH15
A4728	C2015 01 26.10354 07 38 20.32 +21 10 33.0	18.2 Ro~1IH1H15
99838	C2015 01 26.10354 07 42 08.22 +21 45 20.3	19.1 Ro~1IGaH15
87675	C2015 01 26.10354 07 42 29.53 +22 27 20.0	18.9 Ro~1IFfH15
87458	C2015 01 26.10354 07 38 05.67 +21 10 47.5	18.7 Ro~1IFdH15
80696	C2015 01 26.10354 07 38 59.83 +21 21 42.6	18.7 Ro~1IF0H15
75296	C2015 01 26.10354 07 43 01.61 +21 35 17.7	18.2 Ro~1IEMH15
73962	C2015 01 26.10354 07 42 38.61 +21 40 10.6	17.9 Ro~1IEBH15
60919	C2015 01 26.10354 07 42 23.12 +21 42 56.7	18.7 Ro~1ID4H15
K1874	C2015 01 26.10354 07 41 34.79 +21 58 43.2	19.3 Ro~1IO3H15
44872	C2015 01 26.10354 07 43 18.35 +21 47 13.6	18.3 Ro~1IBbH15
32587	C2015 01 26.10354 07 41 46.17 +22 20 33.1	18.9 Ro~1IARH15
61958	C2015 01 26.10354 07 39 14.17 +22 36 34.4	17.6 Ro~1ID8H15
38966	C2015 01 26.10354 07 35 49.80 +21 52 27.3	18.3 Ro~1IB1H15
36619	C2015 01 26.10354 07 39 09.81 +21 37 50.3	16.0 Ro~1IAoH15
35652	C2015 01 26.10354 07 38 26.79 +22 26 59.8	17.0 Ro~1IAiH15
39305	C2015 01 26.10354 07 37 28.03 +21 18 17.6	17.0 Ro~1IB3H15
28075	C2015 01 26.10354 07 38 59.39 +21 11 56.5	18.0 Ro~1I9yH15
22670	C2015 01 26.10354 07 36 20.05 +22 38 13.8	17.8 Ro~1I9MH15
42337	C2015 01 26.10354 07 42 57.44 +21 14 54.1	19.3 Ro~1IBLH15
11859	C2015 01 26.10354 07 42 26.17 +22 03 56.0	18.8 Ro~1I89H15
N1720	C2015 01 26.10354 07 36 56.53 +22 07 54.7	19.1 Ro~1IPqH15
08640	C2015 01 26.10354 07 42 02.75 +22 16 41.9	17.4 Ro~1I7nH15
02058	C2015 01 26.10354 07 41 30.99 +22 40 25.9	16.4 Ro~1I6sH15
06778	C2015 01 26.10354 07 40 05.18 +21 15 16.8	16.4 Ro~1I7YH15
Q2569	C2015 01 26.10354 07 39 24.66 +21 55 15.1	19.2 Ro~1IRQH15
V0141	C2015 01 26.10354 07 39 01.26 +21 19 12.7	19.6 Ro~1ITcH15
a6438	C2015 01 26.10354 07 38 20.83 +21 24 59.4	18.6 Ro~1IVHH15
K14X38L	C2015 01 26.10354 07 38 41.35 +22 12 03.0	19.4 Ro~1I2iH15
N1722	C2015 01 26.10604 07 40 50.73 +19 20 47.8	19.1 Ro~1IPqH15
M9260	C2015 01 26.10604 07 39 45.34 +20 29 23.9	19.6 Ro~1IPeH15
J3519	C2015 01 26.10604 07 43 05.58 +19 22 07.8	19.3 Ro~1INUH15
G9506	C2015 01 26.10604 07 42 34.00 +19 28 25.2	18.5 Ro~1ILwH15
G8724	C2015 01 26.10604 07 40 25.25 +19 19 31.1	19.4 Ro~1ILrH15
G5761	C2015 01 26.10604 07 42 39.24 +20 45 15.3	18.4 Ro~1ILdH15
F3103	C2015 01 26.10604 07 37 42.44 +19 16 58.3	19.5 Ro~1IKnH15
E5715	C2015 01 26.10604 07 36 26.22 +20 17 36.8	19.7 Ro~1IKIH15
D7978	C2015 01 26.10604 07 37 20.33 +20 24 19.4	19.1 Ro~1IJlH15
D3322	C2015 01 26.10604 07 39 10.32 +20 15 37.3	19.4 Ro~1IJHH15
B6501	C2015 01 26.10604 07 39 21.03 +20 12 27.9	19.6 Ro~1II5H15
B2812	C2015 01 26.10604 07 42 00.53 +19 19 27.9	19.1 Ro~1IHjH15
A1810	C2015 01 26.10604 07 38 23.54 +20 40 02.5	19.1 Ro~1IG1H15
90402	C2015 01 26.10604 07 36 06.49 +20 12 43.8	19.2 Ro~1IFuH15
45178	C2015 01 26.10604 07 39 07.79 +19 22 00.4	19.2 Ro~1IBdH15
77231	C2015 01 26.10604 07 38 48.56 +19 33 25.0	18.6 Ro~1IEYH15
76136	C2015 01 26.10604 07 39 56.30 +19 17 33.2	19.2 Ro~1IERH15
72156	C2015 01 26.10604 07 42 01.09 +19 24 48.2	19.2 Ro~1IE2H15
71886	C2015 01 26.10604 07 40 08.79 +20 37 21.4	18.1 Ro~1IE0H15
68988	C2015 01 26.10604 07 37 02.44 +19 45 49.8	18.4 Ro~1IDkH15
61795	C2015 01 26.10604 07 38 13.47 +19 55 55.6	19.2 Ro~1ID8H15
56502	C2015 01 26.10604 07 39 26.46 +20 31 45.0	18.9 Ro~1ICjH15
55254	C2015 01 26.10604 07 38 05.45 +20 28 38.2	19.0 Ro~1ICdH15
23535	C2015 01 26.10604 07 36 34.80 +19 35 49.5	19.2 Ro~1I9SH15
47417	C2015 01 26.10604 07 36 00.86 +20 01 29.3	18.5 Ro~1IBsH15
32518	C2015 01 26.10604 07 37 46.93 +20 06 16.5	18.3 Ro~1IAQH15
39831	C2015 01 26.10604 07 38 04.44 +20 40 50.2	17.2 Ro~1IB6H15
72448	C2015 01 26.10604 07 42 29.67 +20 42 31.8	19.4 Ro~1IE4H15
G8850	C2015 01 26.10604 07 36 38.94 +19 52 30.3	19.2 Ro~1ILsH15
A9334	C2015 01 26.10604 07 38 24.51 +19 33 02.7	18.9 Ro~1IHPH15
35819	C2015 01 26.10604 07 37 47.29 +19 51 25.5	18.8 Ro~1IAjH15
34346	C2015 01 26.10604 07 39 47.84 +20 27 24.0	18.8 Ro~1IAbH15
51564	C2015 01 26.10604 07 40 16.08 +20 25 46.6	19.1 Ro~1ICIH15
23581	C2015 01 26.10604 07 43 38.07 +19 19 48.0	18.8 Ro~1I9SH15
B6466	C2015 01 26.10604 07 39 14.00 +19 28 49.7	19.2 Ro~1II4H15
31193	C2015 01 26.10604 07 39 05.63 +19 25 17.7	17.3 Ro~1IAIH15
20812	C2015 01 26.10604 07 39 59.79 +19 47 48.0	18.2 Ro~1I98H15
22739	C2015 01 26.10604 07 43 01.44 +19 25 17.8	18.1 Ro~1I9MH15
72653	C2015 01 26.10604 07 37 59.50 +19 41 52.3	18.3 Ro~1IE5H15
13725	C2015 01 26.10604 07 43 00.17 +19 20 36.5	17.8 Ro~1I8MH15
07379	C2015 01 26.10604 07 37 47.68 +20 13 38.0	19.5 Ro~1I7dH15
11408	C2015 01 26.10604 07 39 17.64 +20 26 30.7	17.9 Ro~1I87H15
06432	C2015 01 26.10604 07 38 22.78 +19 55 52.7	17.5 Ro~1I7VH15
L9616	C2015 01 26.10853 07 41 10.68 +18 54 44.3	18.9 Ro~1IOvH15
G6500	C2015 01 26.10853 07 41 09.99 +19 13 06.1	18.9 Ro~1ILhH15
F3636	C2015 01 26.10853 07 38 23.81 +17 50 49.9	19.5 Ro~1IKpH15
F1805	C2015 01 26.10853 07 42 35.04 +18 30 58.8	19.0 Ro~1IKkH15
D7468	C2015 01 26.10853 07 39 01.84 +18 32 26.3	18.9 Ro~1IJfH15
B3268	C2015 01 26.10853 07 39 41.81 +19 11 00.8	19.4 Ro~1IHmH15
A6507	C2015 01 26.10853 07 39 30.21 +17 32 01.1	18.1 Ro~1IH8H15
A4754	C2015 01 26.10853 07 40 58.51 +18 15 28.5	19.2 Ro~1IH1H15
97872	C2015 01 26.10853 07 36 30.27 +18 11 52.7	18.4 Ro~1IGRH15
92281	C2015 01 26.10853 07 39 44.34 +18 18 17.2	19.2 Ro~1IG1H15
76674	C2015 01 26.10853 07 41 47.43 +18 49 00.6	19.6 Ro~1IEUH15
75457	C2015 01 26.10853 07 40 51.96 +18 02 43.9	19.1 Ro~1IENH15

74765	C2015 01 26.10853 07 41 21.96 +18 19 18.2	19.2	Ro~lIEHH15	22080	C2015 01 26.11847 07 50 15.47 +22 43 29.0	18.0	Ro~lI9IH15
68162	C2015 01 26.10853 07 36 43.72 +18 37 18.6	19.7	Ro~lIDfH15	30940	C2015 01 26.11847 07 47 33.73 +21 20 25.1	17.9	Ro~lIAGH15
51151	C2015 01 26.10853 07 39 34.92 +18 11 52.0	19.0	Ro~lICFH15	26081	C2015 01 26.11847 07 44 29.09 +22 25 12.1	18.4	Ro~lI9kH15
39936	C2015 01 26.10853 07 38 18.03 +18 46 40.0	19.5	Ro~lIB7H15	19163	C2015 01 26.11847 07 48 05.55 +22 06 31.4	18.5	Ro~lI8yH15
32210	C2015 01 26.10853 07 37 48.04 +18 11 29.1	19.1	Ro~lIAOH15	16031	C2015 01 26.11847 07 49 15.33 +22 00 54.7	19.2	Ro~lI8fH15
21197	C2015 01 26.10853 07 41 56.05 +18 57 23.9	19.0	Ro~lI9CH15	50064	C2015 01 26.11847 07 48 56.06 +21 22 24.0	19.0	Ro~lICCH15
17484	C2015 01 26.10853 07 37 49.13 +18 10 23.3	19.2	Ro~lI8oH15	03065	C2015 01 26.11847 07 49 15.19 +21 32 53.7	15.9	Ro~lI73H15
47526	C2015 01 26.10853 07 36 44.61 +18 40 47.8	18.9	Ro~lIBsH15	14742	C2015 01 26.11847 07 49 58.85 +21 14 40.8	19.0	Ro~lI8UH15
07618	C2015 01 26.10853 07 38 41.70 +19 05 23.7	17.6	Ro~lI7fH15	10986	C2015 01 26.11847 07 44 47.03 +21 32 57.6	17.5	Ro~lI83H15
06918	C2015 01 26.10853 07 37 10.75 +18 28 08.8	16.6	Ro~lI7ZH15	A3929	C2015 01 26.11847 07 50 45.09 +21 36 57.8	19.3	Ro~lIGwH15
32877	C2015 01 26.10853 07 39 13.01 +18 05 40.5	19.1	Ro~lIATH15	J6000	C2015 01 26.12111 07 50 59.83 +23 09 16.1	19.7	Ro~lINbH15
14787	C2015 01 26.10853 07 42 27.84 +19 01 21.7	18.1	Ro~lI8UH15	H1729	C2015 01 26.12111 07 50 42.39 +23 53 07.6	19.5	Ro~lIM3H15
66969	C2015 01 26.10853 07 40 21.69 +19 06 46.4	19.4	Ro~lIDXH15	E7216	C2015 01 26.12111 07 44 36.35 +24 04 39.6	19.3	Ro~lIKOH15
M1459	C2015 01 26.11099 07 39 06.11 +24 05 25.5	19.2	Ro~lIP3H15	D7587	C2015 01 26.12111 07 48 44.15 +24 02 07.7	18.9	Ro~lIJhH15
K4160	C2015 01 26.11099 07 38 03.32 +23 16 10.5	19.3	Ro~lIOCH15	C3440	C2015 01 26.12111 07 48 06.24 +23 40 44.6	18.9	Ro~lIIeH15
D1274	C2015 01 26.11099 07 39 13.58 +24 10 57.7	19.0	Ro~lIJAH15	27649	C2015 01 26.12111 07 47 09.40 +24 09 17.4	17.8	Ro~lI9vH15
A8900	C2015 01 26.11099 07 41 23.55 +23 48 19.8	18.2	Ro~lIHLH15	A1974	C2015 01 26.12111 07 49 30.40 +24 08 03.2	19.4	Ro~lIGmH15
86051	C2015 01 26.11099 07 38 25.03 +23 03 12.1	18.1	Ro~lIFYH15	87738	C2015 01 26.12111 07 45 58.11 +24 17 14.3	19.3	Ro~lIFhH15
77680	C2015 01 26.11099 07 38 33.07 +24 21 46.6	18.4	Ro~lIEbH15	45741	C2015 01 26.12111 07 48 33.94 +23 15 26.7	19.4	Ro~lIBhH15
75639	C2015 01 26.11099 07 37 19.36 +24 04 58.8	18.9	Ro~lIEPH15	79164	C2015 01 26.12111 07 47 18.35 +24 18 57.7	19.2	Ro~lIEoH15
74458	C2015 01 26.11099 07 38 00.60 +23 55 00.1	18.3	Ro~lIEEH15	74474	C2015 01 26.12111 07 47 18.70 +23 44 28.6	19.0	Ro~lIEEH15
74404	C2015 01 26.11099 07 40 12.95 +23 50 37.8	18.1	Ro~lIEDH15	60210	C2015 01 26.12111 07 47 43.70 +23 16 16.9	19.3	Ro~lID0H15
68581	C2015 01 26.11099 07 42 05.29 +23 42 33.9	19.2	Ro~lIDiH15	48740	C2015 01 26.12111 07 48 24.46 +23 11 16.4	19.6	Ro~lIBzH15
68509	C2015 01 26.11099 07 39 49.53 +23 04 32.7	19.6	Ro~lIDhH15	72345	C2015 01 26.12111 07 50 49.61 +23 19 18.3	18.6	Ro~lIE3H15
66198	C2015 01 26.11099 07 40 46.22 +24 23 23.7	18.6	Ro~lIDSH15	45221	C2015 01 26.12111 07 49 56.88 +23 08 42.6	17.7	Ro~lIBeH15
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A1974    C2015 01 26.13258 07 49 29.66 +24 08 04.9         19.7 Ro~1IGmH15
87738    C2015 01 26.13258 07 45 57.35 +24 17 17.1         19.4 Ro~1IFhH15
45741    C2015 01 26.13258 07 48 33.28 +23 15 26.9         19.5 Ro~1IBhH15
79164    C2015 01 26.13258 07 47 17.60 +24 18 58.9         19.3 Ro~1IEoH15
74474    C2015 01 26.13258 07 47 18.05 +23 44 27.8         19.1 Ro~1IEEH15
60210    C2015 01 26.13258 07 47 42.90 +23 16 19.8         19.1 Ro~1IDOH15
48740    C2015 01 26.13258 07 48 23.75 +23 11 18.5         19.4 Ro~1IBzH15
72345    C2015 01 26.13258 07 50 48.95 +23 19 20.9         18.5 Ro~1IE3H15
45221    C2015 01 26.13258 07 49 56.12 +23 08 42.4         17.8 Ro~1IBeH15
D1742    C2015 01 26.13258 07 49 42.37 +23 19 12.7         19.6 Ro~1IJCH15
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14980    C2015 01 26.13258 07 45 03.53 +23 18 09.9         19.1 Ro~1I8WH15
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12610    C2015 01 26.13258 07 47 42.54 +23 41 43.2         18.6 Ro~1I8EH15
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08012    C2015 01 26.13258 07 49 24.85 +24 10 45.9         17.9 Ro~1I7iH15
S0447    C2015 01 26.13258 07 50 21.50 +24 16 02.7         19.4 Ro~1ISrH15
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97856    C2015 01 26.13590 07 45 37.63 +19 56 52.7         18.8 Ro~1IGRH15
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16518    C2015 01 26.13590 07 46 12.87 +19 36 33.0         17.5 Ro~1I8iH15
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02310    C2015 01 26.13590 07 47 08.83 +20 45 57.8         15.7 Ro~1I6vH15
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f5791    C2015 01 26.13590 07 46 11.82 +20 37 32.9         19.4 Ro~1IWyH15
H0564    C2015 01 26.13845 07 49 43.24 +17 54 02.0         19.5 Ro~1ILyH15
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37290    C2015 01 26.13845 07 45 41.50 +18 10 29.7         18.4 Ro~1IArH15
64956    C2015 01 26.13845 07 48 47.33 +18 00 37.7         19.0 Ro~1IDNH15
44852    C2015 01 26.13845 07 47 04.45 +18 18 47.1         19.1 Ro~1IBbH15
45526    C2015 01 26.13845 07 48 11.26 +18 27 05.8         19.3 Ro~1IBfH15
68164    C2015 01 26.13845 07 47 36.25 +17 41 27.1         18.9 Ro~1IDfH15
38532    C2015 01 26.13845 07 44 47.30 +17 39 58.1         18.5 Ro~1IAyH15
44776    C2015 01 26.13845 07 43 51.90 +19 02 55.9         19.4 Ro~1IBaH15
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B0765    C2015 01 26.13845 07 48 13.05 +18 01 27.4         19.2 Ro~1IHYH15
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09667    C2015 01 26.13845 07 48 26.20 +17 29 59.5         18.1 Ro~1I7uH15
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A1974    C2015 01 26.14345 07 49 28.94 +24 08 05.4         19.4 Ro~1IGmH15
87738    C2015 01 26.14345 07 45 56.74 +24 17 20.0         19.2 Ro~1IFhH15
45741    C2015 01 26.14345 07 48 32.74 +23 15 29.3         19.1 Ro~1IBhH15
79164    C2015 01 26.14345 07 47 16.84 +24 19 00.4         19.4 Ro~1IEoH15
74474    C2015 01 26.14345 07 47 17.41 +23 44 28.6         18.9 Ro~1IEEH15
60210    C2015 01 26.14345 07 47 42.18 +23 16 22.6         19.0 Ro~1IDOH15
48740    C2015 01 26.14345 07 48 23.06 +23 11 20.7         19.4 Ro~1IBzH15
72345    C2015 01 26.14345 07 50 48.18 +23 19 24.0         18.3 Ro~1IE3H15
45221    C2015 01 26.14345 07 49 55.35 +23 08 41.4         17.8 Ro~1IBeH15

D1742    C2015 01 26.14345 07 49 41.56 +23 19 11.9         19.4 Ro~1IJCH15
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25095    C2015 01 26.14345 07 50 38.19 +22 53 02.8         19.0 Ro~1I9dH15
14980    C2015 01 26.14345 07 45 02.92 +23 18 12.5         19.4 Ro~1I8WH15
03239    C2015 01 26.14345 07 43 46.75 +23 21 40.0         18.3 Ro~1I74H15
12610    C2015 01 26.14345 07 47 41.94 +23 41 44.9         18.5 Ro~1I8EH15
06417    C2015 01 26.14345 07 44 56.46 +24 10 15.2         18.4 Ro~1I7UH15
05359    C2015 01 26.14345 07 46 09.84 +23 27 39.2         17.3 Ro~1I7MH15
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C3440    C2015 01 26.14345 07 48 04.86 +23 40 45.1         18.6 Ro~1IIeH15
S0447    C2015 01 26.14345 07 50 20.85 +24 16 07.2         19.8 Ro~1ISrH15
a8540    C2015 01 26.14345 07 46 03.02 +24 07 09.9         19.1 Ro~1IVMH15
01400    C2015 01 26.14702 07 47 12.48 +00 00 10.8         16.9 Ro~1I6mH15
63541    C2015 01 26.14946 07 50 02.44 -01 53 53.7         18.8 Ro~1IDGH15
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51291    C2015 01 26.18243 07 50 24.99 -09 40 07.3         17.6 Ro~1ICGH15
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     K14Y09M tC2015 01 26.18494 07 55 17.66 -05 31 37.9    16.9 Ro~1I2kH15
51291    C2015 01 26.19408 07 50 24.38 -09 40 08.8         17.9 Ro~1ICGH15
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     K14Y09M tC2015 01 26.19653 07 55 18.14 -05 30 42.0    16.7 Ro~1I2kH15
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     K14Y09M tC2015 01 26.20749 07 55 18.65 -05 29 48.1    16.7 Ro~1I2kH15
O2132    C2015 01 26.21615 07 57 07.54 -03 27 49.7         19.1 Ro~1IQYH15
84410    C2015 01 26.21615 07 53 53.08 -04 38 00.7         17.5 Ro~1IFPH15
N6032    C2015 01 26.21862 07 58 32.85 -02 43 11.3         19.0 Ro~1IQBH15
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O1797    C2015 01 26.22109 07 56 07.57 -00 11 52.1         19.4 Ro~1IQWH15
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I2606    C2015 01 26.22109 07 54 45.49 -00 55 48.0         20.1 Ro~1IMjH15
95534    C2015 01 26.22109 07 55 29.56 -00 22 42.0         18.7 Ro~1IGHH15
28884    C2015 01 26.22109 07 55 19.71 -00 59 13.5         18.2 Ro~1IA4H15
87226    C2015 01 26.22109 07 58 11.65 +00 12 51.4         19.1 Ro~1IFbH15
17810    C2015 01 26.22109 07 56 42.65 -00 36 32.3         17.5 Ro~1I8qH15
84410    C2015 01 26.22698 07 53 52.53 -04 37 57.8         17.7 Ro~1IFPH15
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L9390    C2015 01 26.22950 07 56 11.64 -01 56 46.3         18.9 Ro~1IOtH15
55739    C2015 01 26.22950 07 59 17.32 -02 28 53.7         18.5 Ro~1ICgH15
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I2606    C2015 01 26.23199 07 54 44.89 -00 55 44.5         19.7 Ro~1IMjH15
95534    C2015 01 26.23199 07 55 28.99 -00 22 38.8         18.8 Ro~1IGHH15
28884    C2015 01 26.23199 07 55 19.14 -00 59 09.7         18.5 Ro~1IA4H15
87226    C2015 01 26.23199 07 58 11.04 +00 12 55.1         19.3 Ro~1IFbH15
17810    C2015 01 26.23199 07 56 42.01 -00 36 30.2         17.5 Ro~1I8qH15
84410    C2015 01 26.23812 07 53 51.90 -04 37 56.1         17.7 Ro~1IFPH15
O2132    C2015 01 26.23812 07 57 06.41 -03 27 47.3         19.4 Ro~1IQYH15
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95534    C2015 01 26.24310 07 55 28.44 -00 22 33.9         19.2 Ro~1IGHH15
87226    C2015 01 26.24310 07 58 10.43 +00 12 59.9         19.2 Ro~1IFbH15
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54815    C2015 01 26.24559 08 04 33.89 -03 18 49.2         19.0 Ro~1ICaH15
07829    C2015 01 26.24559 08 03 41.15 -03 47 03.4         15.9 Ro~1I7hH15
73488    C2015 01 26.24821 08 02 59.14 -08 09 10.8         18.0 Ro~1IE9H15
G7662    C2015 01 26.25320 08 05 50.96 -04 59 28.9         19.2 Ro~1ILnH15
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73488    C2015 01 26.25989 08 02 58.55 -08 09 07.0         18.1 Ro~1IE9H15
G7662    C2015 01 26.26490 08 05 50.43 -04 59 23.9         19.3 Ro~1ILnH15
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07829    C2015 01 26.26737 08 03 39.27 -03 47 12.7         15.9 Ro~1I7hH15
73488    C2015 01 26.27074 08 02 57.98 -08 09 03.2         18.0 Ro~1IE9H15
G7662    C2015 01 26.27574 08 05 49.90 -04 59 19.0         19.2 Ro~1ILnH15
40333    C2015 01 26.28168 08 11 02.33 -08 16 32.7         17.3 Ro~1IB9H15
a8250    C2015 01 26.28168 08 09 17.26 -08 05 31.4         18.9 Ro~1IVLH15
B0588    C2015 01 26.28692 08 11 11.76 -04 42 14.8         19.1 Ro~1IHXH15
97162    C2015 01 26.28692 08 09 07.01 -04 33 30.7         18.9 Ro~1IGOH15
51801    C2015 01 26.28692 08 12 56.07 -04 42 18.7         18.1 Ro~1ICJH15
40333    C2015 01 26.29255 08 11 01.57 -08 16 35.7         17.5 Ro~1IB9H15
a8250    C2015 01 26.29255 08 09 16.39 -08 05 37.0         19.0 Ro~1IVLH15
97162    C2015 01 26.29754 08 09 06.51 -04 33 27.3         19.2 Ro~1IGOH15
51801    C2015 01 26.29754 08 12 55.49 -04 42 17.8         18.6 Ro~1ICJH15
B0588    C2015 01 26.29754 08 11 11.13 -04 42 13.2         19.2 Ro~1IHXH15
40333    C2015 01 26.30378 08 11 00.78 -08 16 38.1         17.2 Ro~1IB9H15
a8250    C2015 01 26.30378 08 09 15.44 -08 05 41.7         18.9 Ro~1IVLH15
97162    C2015 01 26.30871 08 09 05.92 -04 33 25.9         18.8 Ro~1IGOH15
51801    C2015 01 26.30871 08 12 54.96 -04 42 16.0         18.2 Ro~1ICJH15
B0588    C2015 01 26.30871 08 11 10.65 -04 42 11.6         18.9 Ro~1IHXH15
74213    C2015 01 26.31116 08 13 26.28 -01 58 08.7         18.6 Ro~1IECH15
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M7334	C2015 01 26.31116 08 09 40.76 -01 54 22.3	18.9	Ro~lIPUH15	22599	C2015 01 26.34405 08 01 38.24 +18 22 07.1	19.5	Ro~lI9LH15
A6620	C2015 01 26.31116 08 09 28.73 -02 56 07.1	16.8	Ro~lIH9H15	19039	C2015 01 26.34405 08 05 28.15 +17 38 14.7	19.1	Ro~lI8xH15
05256	C2015 01 26.31116 08 10 58.28 -02 15 10.0	16.4	Ro~lI7LH15	18086	C2015 01 26.34405 08 01 41.55 +17 59 21.3	19.2	Ro~lI8sH15
N7764	C2015 01 26.31368 08 11 10.00 -00 59 13.7	18.2	Ro~lIQIH15	09874	C2015 01 26.34405 08 04 38.96 +17 55 46.4	16.7	Ro~lI7vH15
M2331	C2015 01 26.31368 08 13 15.36 -00 06 03.8	19.4	Ro~lIP6H15	09398	C2015 01 26.34405 08 04 15.69 +18 39 55.1	19.7	Ro~lI7sH15
L9457	C2015 01 26.31368 08 09 30.75 +00 04 17.6	19.4	Ro~lIOuH15	14205	C2015 01 26.34405 08 00 08.50 +18 26 47.5	17.7	Ro~lI8QH15
72756	C2015 01 26.31368 08 11 24.94 -00 11 39.3	17.7	Ro~lIE6H15	03027	C2015 01 26.34405 08 00 42.98 +17 41 09.3	17.9	Ro~lI73H15
29055	C2015 01 26.31368 08 12 43.09 -01 18 42.5	18.4	Ro~lIA5H15	03618	C2015 01 26.34405 07 59 24.17 +18 01 24.0	18.1	Ro~lI78H15
20310	C2015 01 26.31368 08 11 17.67 +00 14 21.6	17.2	Ro~lI95H15	T2963	C2015 01 26.34405 08 03 35.80 +17 35 57.6	20.2	Ro~lITKH15
Q5754	C2015 01 26.31368 08 11 14.41 +00 15 59.0	19.3	Ro~lIReH15	b1552	C2015 01 26.34405 08 01 52.27 +18 59 02.6	20.4	Ro~lIVbH15
F4528	C2015 01 26.31623 08 03 18.19 -02 19 22.9	18.9	Ro~lIKvH15	b7217	C2015 01 26.34405 08 01 39.66 +18 20 55.3	18.8	Ro~lIW8H15
D5138	C2015 01 26.31623 08 01 32.18 -01 52 17.0	18.8	Ro~lIJRH15	H5458	C2015 01 26.34749 07 59 41.09 +20 47 40.7	20.0	Ro~lIMIH15
A4954	C2015 01 26.31623 08 04 31.18 -01 50 56.0	19.3	Ro~lIH3H15	H3571	C2015 01 26.34749 07 59 39.67 +19 38 30.2	19.3	Ro~lIMAH15
51878	C2015 01 26.31623 08 03 32.33 -02 05 07.0	19.2	Ro~lICKH15	F1191	C2015 01 26.34749 08 00 23.18 +20 29 44.5	19.9	Ro~lIKhH15
25334	C2015 01 26.31623 08 05 27.24 -01 51 01.2	17.5	Ro~lI9eH15	40254	C2015 01 26.34749 08 00 10.02 +19 11 45.8	18.7	Ro~lIB8H15
D1387	C2015 01 26.31623 08 04 07.68 -02 23 35.8	18.9	Ro~lIJBH15	C3144	C2015 01 26.34749 08 01 07.52 +20 49 21.7	19.4	Ro~lIIcH15
06033	C2015 01 26.31623 08 01 18.63 -02 16 39.1	17.4	Ro~lI7RH15	B6307	C2015 01 26.34749 08 03 41.05 +20 58 46.9	19.2	Ro~lII3H15
L9374	C2015 01 26.31868 08 01 21.93 -01 04 55.0	19.1	Ro~lIOtH15	51143	C2015 01 26.34749 08 00 49.97 +19 40 19.7	19.0	Ro~lICFH15
G0278	C2015 01 26.31868 08 06 25.46 -00 32 41.6	18.3	Ro~lILJH15	76865	C2015 01 26.34749 08 02 32.30 +19 25 19.7	17.4	Ro~lIEWH15
28941	C2015 01 26.31868 08 02 14.81 +00 11 11.8	18.2	Ro~lIA4H15	55175	C2015 01 26.34749 08 01 38.99 +20 26 57.3	18.1	Ro~lICcH15
P9967	C2015 01 26.31868 08 00 46.69 +00 07 54.1	19.1	Ro~lIRJH15	A3495	C2015 01 26.34749 08 04 11.70 +20 34 24.3	19.5	Ro~lIGuH15
M7334	C2015 01 26.32204 08 09 40.12 -01 54 20.2	19.6	Ro~lIPUH15	H7356	C2015 01 26.34749 07 59 34.94 +20 31 29.6	19.8	Ro~lIMPH15
74213	C2015 01 26.32204 08 13 25.62 -01 58 05.6	18.9	Ro~lIECH15	A7605	C2015 01 26.34749 08 04 45.29 +20 59 36.5	19.3	Ro~lIHEH15
A6620	C2015 01 26.32204 08 09 27.79 -02 56 11.5	16.9	Ro~lIH9H15	49535	C2015 01 26.34749 08 01 47.30 +20 26 54.7	17.9	Ro~lIC5H15
05256	C2015 01 26.32204 08 10 57.66 -02 15 07.8	16.5	Ro~lI7LH15	16191	C2015 01 26.34749 08 00 06.83 +20 33 13.3	19.3	Ro~lI8gH15
N7764	C2015 01 26.32546 08 11 09.24 -00 58 55.4	18.2	Ro~lIQIH15	13283	C2015 01 26.34749 08 01 29.08 +20 26 46.4	18.5	Ro~lI8JH15
M2331	C2015 01 26.32546 08 13 14.63 -00 06 02.5	19.6	Ro~lIP6H15	11639	C2015 01 26.34749 08 01 45.78 +19 51 44.1	17.8	Ro~lI88H15
L9457	C2015 01 26.32546 08 09 30.19 +00 04 19.0	19.8	Ro~lIOuH15	13777	C2015 01 26.34749 08 02 18.84 +19 34 35.8	18.3	Ro~lI8NH15
72756	C2015 01 26.32546 08 11 24.31 -00 11 37.9	17.7	Ro~lIE6H15	13663	C2015 01 26.34749 07 59 49.65 +19 57 17.9	18.6	Ro~lI8MH15
29055	C2015 01 26.32546 08 12 42.59 -01 18 40.9	18.4	Ro~lIA5H15	07437	C2015 01 26.34749 08 05 49.38 +19 28 38.3	17.2	Ro~lI7eH15
20310	C2015 01 26.32546 08 11 16.86 +00 14 25.2	17.2	Ro~lI95H15	A5023	C2015 01 26.34749 08 01 42.26 +19 34 09.5	19.5	Ro~lIH3H15
Q5754	C2015 01 26.32546 08 11 13.76 +00 16 00.0	19.4	Ro~lIReH15	P1681	C2015 01 26.34749 08 01 44.98 +20 12 22.0	19.6	Ro~lIQvH15
F4528	C2015 01 26.32801 08 03 17.61 -02 19 20.4	18.9	Ro~lIKvH15	K1846	C2015 01 26.34994 08 00 43.67 +21 03 54.8	19.6	Ro~lIO2H15
D5138	C2015 01 26.32801 08 01 31.65 -01 52 16.6	19.3	Ro~lIJRH15	J2038	C2015 01 26.34994 08 01 22.93 +21 58 50.2	19.4	Ro~lINNH15
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51878	C2015 01 26.32801 08 03 31.79 -02 05 04.4	19.3	Ro~lICKH15	C8125	C2015 01 26.34994 08 02 59.11 +21 17 54.6	19.6	Ro~lIJOH15
25334	C2015 01 26.32801 08 05 26.60 -01 50 58.0	17.6	Ro~lI9eH15	C6709	C2015 01 26.34994 08 00 32.89 +22 10 15.1	19.5	Ro~lIIsH15
D1387	C2015 01 26.32801 08 04 07.08 -02 23 34.9	19.0	Ro~lIJBH15	C6058	C2015 01 26.34994 08 03 21.54 +21 04 51.2	19.6	Ro~lIIpH15
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G0278	C2015 01 26.33053 08 06 24.84 -00 32 40.7	18.3	Ro~lILJH15	A4820	C2015 01 26.34994 08 05 03.17 +22 35 26.9	19.5	Ro~lIH2H15
28941	C2015 01 26.33053 08 02 14.18 +00 11 13.7	18.5	Ro~lIA4H15	A4663	C2015 01 26.34994 08 05 27.26 +22 46 40.2	19.2	Ro~lIH1H15
P9967	C2015 01 26.33053 08 00 46.14 +00 07 59.5	18.7	Ro~lIRJH15	97009	C2015 01 26.34994 07 59 45.99 +22 19 38.7	19.7	Ro~lIGNH15
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74213	C2015 01 26.33303 08 13 24.95 -01 58 02.8	18.6	Ro~lIECH15	95127	C2015 01 26.34994 08 01 33.49 +22 12 34.8	19.4	Ro~lIGFH15
05256	C2015 01 26.33303 08 10 57.03 -02 15 05.8	16.4	Ro~lI7LH15	76055	C2015 01 26.34994 07 59 47.62 +22 35 35.6	19.1	Ro~lIERH15
A6620	C2015 01 26.33303 08 09 26.84 -02 56 16.3	16.8	Ro~lIH9H15	74685	C2015 01 26.34994 07 59 27.39 +22 29 17.3	18.8	Ro~lIEGH15
N7764	C2015 01 26.33631 08 11 08.53 -00 58 38.3	18.2	Ro~lIQIH15	68959	C2015 01 26.34994 08 02 32.27 +22 34 38.0	20.2	Ro~lIDkH15
M2331	C2015 01 26.33631 08 13 13.96 -00 06 00.6	19.4	Ro~lIP6H15	61145	C2015 01 26.34994 08 00 51.19 +21 19 02.5	17.8	Ro~lID4H15
L9457	C2015 01 26.33631 08 09 29.58 +00 04 21.1	19.5	Ro~lIOuH15	60903	C2015 01 26.34994 08 01 39.93 +22 38 57.5	18.7	Ro~lID4H15
72756	C2015 01 26.33631 08 11 23.70 -00 11 36.7	17.6	Ro~lIE6H15	47882	C2015 01 26.34994 08 02 16.52 +22 08 16.9	18.7	Ro~lIBuH15
29055	C2015 01 26.33631 08 12 42.04 -01 18 38.1	18.1	Ro~lIA5H15	F1766	C2015 01 26.34994 08 04 55.37 +21 11 48.2	19.6	Ro~lIKjH15
20310	C2015 01 26.33631 08 11 16.18 +00 14 28.1	17.1	Ro~lI95H15	45624	C2015 01 26.34994 08 01 28.89 +22 43 01.9	19.0	Ro~lIBgH15
Q5754	C2015 01 26.33631 08 11 13.07 +00 16 00.5	19.1	Ro~lIReH15	41619	C2015 01 26.34994 07 59 32.43 +22 39 06.0	18.1	Ro~lIBHH15
F4528	C2015 01 26.33897 08 03 16.93 -02 19 16.6	19.1	Ro~lIKvH15	23056	C2015 01 26.34994 08 04 24.23 +21 01 50.0	18.5	Ro~lI9OH15
D5138	C2015 01 26.33897 08 01 31.05 -01 52 14.4	19.0	Ro~lIJRH15	C2867	C2015 01 26.34994 08 05 30.04 +21 51 29.1	19.2	Ro~lIIaH15
A4954	C2015 01 26.33897 08 04 30.01 -01 50 54.9	19.4	Ro~lIH3H15	66169	C2015 01 26.34994 08 00 57.12 +21 10 58.9	18.4	Ro~lIDSH15
51878	C2015 01 26.33897 08 03 31.27 -02 05 02.0	18.7	Ro~lICKH15	24703	C2015 01 26.34994 08 02 24.83 +21 36 44.9	19.1	Ro~lI9ZH15
25334	C2015 01 26.33897 08 05 25.98 -01 50 54.5	17.4	Ro~lI9eH15	26801	C2015 01 26.34994 08 05 06.18 +22 19 23.7	19.6	Ro~lI9pH15
D1387	C2015 01 26.33897 08 04 06.48 -02 23 34.3	18.9	Ro~lIJBH15	17716	C2015 01 26.34994 08 00 05.39 +21 12 17.2	18.2	Ro~lI8pH15
06033	C2015 01 26.33897 08 01 17.51 -02 16 35.5	17.6	Ro~lI7RH15	19672	C2015 01 26.34994 08 01 31.67 +21 26 43.2	18.1	Ro~lI91H15
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G0278	C2015 01 26.34150 08 06 24.24 -00 32 40.7	18.0	Ro~lILJH15	D6335	C2015 01 26.34994 08 04 30.43 +22 34 25.5	20.0	Ro~lIJYH15
28941	C2015 01 26.34150 08 02 13.55 +00 11 15.9	18.3	Ro~lIA4H15	48082	C2015 01 26.34994 07 59 34.15 +22 10 52.5	18.4	Ro~lIBvH15
P9967	C2015 01 26.34150 08 00 45.48 +00 08 06.1	19.0	Ro~lIRJH15	05036	C2015 01 26.34994 07 59 56.28 +21 50 57.5	15.8	Ro~lI7JH15
N2606	C2015 01 26.34405 07 59 27.00 +17 58 45.0	19.6	Ro~lIPuH15	06739	C2015 01 26.34994 08 04 50.54 +22 29 52.8	18.6	Ro~lI7YH15
L5654	C2015 01 26.34405 08 03 39.20 +18 15 06.3	19.3	Ro~lIOfH15	45008	C2015 01 26.34994 08 04 02.14 +21 27 10.5	19.1	Ro~lIBcH15
K1935	C2015 01 26.34405 08 03 30.87 +17 31 21.2	20.4	Ro~lIO3H15	P8000	C2015 01 26.34994 07 59 57.22 +22 40 58.0	19.9	Ro~lIRBH15
J3692	C2015 01 26.34405 08 03 06.85 +18 59 10.7	19.7	Ro~lINVH15	a6726	C2015 01 26.34994 07 59 06.75 +21 13 10.7	19.6	Ro~lIVIH15
H0521	C2015 01 26.34405 08 03 26.74 +18 34 03.1	19.1	Ro~lILyH15	N2973	C2015 01 26.35239 08 02 06.61 +22 45 30.0	19.7	Ro~lIPwH15
F3858	C2015 01 26.34405 08 03 37.41 +18 43 06.6	19.1	Ro~lIKsH15	K4174	C2015 01 26.35239 08 05 37.24 +22 59 57.1	19.5	Ro~lIOCH15
C6379	C2015 01 26.34405 08 00 20.84 +18 34 30.3	18.4	Ro~lIIqH15	C0443	C2015 01 26.35239 08 01 56.56 +23 02 08.6	18.2	Ro~lIIPH15
A8938	C2015 01 26.34405 07 59 57.04 +18 34 52.4	18.8	Ro~lIHLH15	A8269	C2015 01 26.35239 08 06 12.86 +23 18 23.3	19.2	Ro~lIHHH15
90311	C2015 01 26.34405 08 01 34.62 +18 59 26.1	20.0	Ro~lIFuH15	86491	C2015 01 26.35239 08 03 26.98 +23 14 47.6	18.5	Ro~lIFYH15
80318	C2015 01 26.34405 08 02 51.67 +18 37 50.2	19.0	Ro~lIEwH15	83201	C2015 01 26.35239 07 59 32.99 +23 32 27.1	19.2	Ro~lIFGH15
75268	C2015 01 26.34405 08 05 02.53 +17 32 08.3	18.7	Ro~lIELH15	76695	C2015 01 26.35239 08 02 16.62 +24 04 36.7	19.4	Ro~lIEUH15
74714	C2015 01 26.34405 08 04 34.05 +17 41 09.6	19.7	Ro~lIEGH15	62902	C2015 01 26.35239 08 01 25.66 +23 23 14.4	19.8	Ro~lIDDH15
71031	C2015 01 26.34405 08 04 36.54 +19 11 53.6	19.0	Ro~lIDvH15	51789	C2015 01 26.35239 08 05 00.10 +23 39 43.8	18.4	Ro~lICJH15
70223	C2015 01 26.34405 08 01 30.32 +18 11 51.9	19.2	Ro~lIDsH15	46344	C2015 01 26.35239 08 03 09.36 +23 55 32.4	18.9	Ro~lIBkH15
63264	C2015 01 26.34405 08 02 18.57 +19 11 19.6	19.2	Ro~lIDEH15	28588	C2015 01 26.35239 08 01 30.10 +23 53 20.9	18.7	Ro~lIA2H15
59116	C2015 01 26.34405 08 02 28.28 +19 04 18.8	18.2	Ro~lICvH15	B0823	C2015 01 26.35239 08 03 27.08 +24 15 09.9	19.1	Ro~lIHZH15
51510	C2015 01 26.34405 08 04 06.48 +17 33 14.4	18.4	Ro~lICHH15	45107	C2015 01 26.35239 08 01 06.41 +23 17 05.7	19.3	Ro~lIBdH15
23446	C2015 01 26.34405 08 01 18.20 +19 08 48.4	18.5	Ro~lI9RH15	76429	C2015 01 26.35239 08 02 21.94 +22 53 07.3	18.3	Ro~lIESH15
30640	C2015 01 26.34405 07 59 46.44 +17 53 14.5	18.3	Ro~lIAFH15	38220	C2015 01 26.35239 08 04 18.64 +23 00 45.3	18.7	Ro~lIAxH15
76786	C2015 01 26.34405 08 02 42.06 +18 27 50.5	19.1	Ro~lIEVH15	21195	C2015 01 26.35239 07 59 30.04 +23 04 02.2	18.3	Ro~lI9CH15
42861	C2015 01 26.34405 08 01 02.44 +17 39 08.3	19.1	Ro~lIBOH15	28604	C2015 01 26.35239 08 06 03.05 +23 03 00.2	19.4	Ro~lIA2H15
43326	C2015 01 26.34405 07 59 01.13 +17 42 50.7	18.9	Ro~lIBRH15	23281	C2015 01 26.35239 07 59 20.68 +23 45 57.3	18.3	Ro~lI9QH15
41116	C2015 01 26.34405 08 01 14.96 +17 36 53.5	19.1	Ro~lIBEH15	20831	C2015 01 26.35239 08 00 03.54 +23 30 38.4	18.2	Ro~lI99H15
42623	C2015 01 26.34405 08 03 34.19 +18 04 11.3	18.7	Ro~lIBNH15	11688	C2015 01 26.35239 08 05 00.85 +24 17 25.6	18.3	Ro~lI88H15
F3962	C2015 01 26.34405 08 00 35.16 +17 40 51.3	19.1	Ro~lIKtH15	11602	C2015 01 26.35239 08 05 40.23 +22 58 10.6	17.2	Ro~lI88H15
55351	C2015 01 26.34405 08 04 08.92 +17 31 57.5	18.9	Ro~lICdH15	08931	C2015 01 26.35239 08 01 06.09 +22 47 25.6	17.8	Ro~lI7pH15
48121	C2015 01 26.34405 08 01 05.48 +18 45 28.3	18.3	Ro~lIBwH15	I1989	C2015 01 26.35239 08 01 26.08 +22 56 12.2	19.6	Ro~lIMhH15
B3881	C2015 01 26.34405 08 04 18.21 +18 52 21.6	19.5	Ro~lIHpH15	87935	C2015 01 26.35239 07 59 54.37 +23 39 16.8	17.3	Ro~lIFjH15
31914	C2015 01 26.34405 07 59 00.47 +17 29 25.3	19.2	Ro~lIAMH15	14195	C2015 01 26.35239 08 04 23.71 +23 46 36.7	17.2	Ro~lI8QH15
E1006	C2015 01 26.34405 08 02 40.99 +18 48 05.6	19.2	Ro~lIJwH15	13368	C2015 01 26.35239 08 04 28.70 +24 16 58.8	18.4	Ro~lI8KH15
A7273	C2015 01 26.34405 08 03 49.94 +18 15 48.3	18.4	Ro~lIHCH15	48064	C2015 01 26.35239 07 59 34.88 +23 38 38.7	19.2	Ro~lIBvH15
30851	C2015 01 26.34405 08 00 28.29 +17 35 27.3	18.0	Ro~lIAGH15	12645	C2015 01 26.35239 08 00 36.07 +24 17 42.7	17.6	Ro~lI8EH15

P7517	C2015 01 26.35239 08 00 45.72 +23 01 15.6	18.9 Ro~1IR9H15
f7214	C2015 01 26.35239 08 04 20.34 +22 59 11.9	19.7 Ro~1IX6H15
g5731K11B80J	C2015 01 26.35239 08 01 09.94 +22 53 04.8	19.5 Ro~1II1KH15
N2606	C2015 01 26.35489 07 59 26.45 +17 58 44.8	19.6 Ro~1IPuH15
L5654	C2015 01 26.35489 08 03 38.50 +18 15 11.5	19.3 Ro~1IOfH15
K1935	C2015 01 26.35489 08 03 30.25 +17 31 23.0	19.8 Ro~1IO3H15
J3692	C2015 01 26.35489 08 03 06.25 +18 59 11.9	19.9 Ro~1INVH15
H0521	C2015 01 26.35489 08 03 25.92 +18 34 00.3	19.5 Ro~1ILyH15
F3858	C2015 01 26.35489 08 03 36.75 +18 43 09.0	19.0 Ro~1IKsH15
C6379	C2015 01 26.35489 08 00 20.20 +18 34 36.8	18.4 Ro~1IIqH15
A8938	C2015 01 26.35489 07 59 56.34 +18 34 59.2	18.8 Ro~1IHLH15
42861	C2015 01 26.35489 08 01 01.73 +17 39 11.5	19.0 Ro~1IBOH15
90311	C2015 01 26.35489 08 01 33.97 +18 59 28.6	19.9 Ro~1IFuH15
80318	C2015 01 26.35489 08 02 50.98 +18 37 51.5	19.1 Ro~1IEwH15
75268	C2015 01 26.35489 08 05 01.84 +17 32 11.0	19.0 Ro~1IELH15
74714	C2015 01 26.35489 08 04 33.33 +17 41 14.3	19.8 Ro~1IEGH15
71031	C2015 01 26.35489 08 04 35.90 +19 11 56.0	19.4 Ro~1IDvH15
63264	C2015 01 26.35489 08 02 17.92 +19 11 24.9	19.5 Ro~1IDEH15
59116	C2015 01 26.35489 08 02 27.48 +19 04 19.2	18.3 Ro~1ICvH15
51510	C2015 01 26.35489 08 04 05.81 +17 33 19.1	18.4 Ro~1ICHH15
30640	C2015 01 26.35489 07 59 45.65 +17 53 16.6	18.5 Ro~1IAFH15
76786	C2015 01 26.35489 08 02 41.44 +18 27 52.6	19.1 Ro~1IEVH15
43326	C2015 01 26.35489 07 59 00.34 +17 42 52.2	18.9 Ro~1IBRH15
41116	C2015 01 26.35489 08 01 14.36 +17 36 54.9	19.1 Ro~1IBEH15
42623	C2015 01 26.35489 08 03 33.45 +18 04 13.3	18.9 Ro~1IBNH15
F3962	C2015 01 26.35489 08 00 34.54 +17 40 53.5	19.0 Ro~1IKtH15
55351	C2015 01 26.35489 08 04 08.33 +17 31 58.3	18.9 Ro~1ICdH15
48121	C2015 01 26.35489 08 01 04.80 +18 45 33.4	18.4 Ro~1IBwH15
B3881	C2015 01 26.35489 08 04 17.64 +18 52 21.6	19.7 Ro~1IHpH15
31914	C2015 01 26.35489 07 58 59.77 +17 29 27.0	18.9 Ro~1IAMH15
E1006	C2015 01 26.35489 08 02 40.36 +18 48 08.0	19.2 Ro~1IJwH15
A7273	C2015 01 26.35489 08 03 49.26 +18 15 47.6	18.7 Ro~1IHCH15
30851	C2015 01 26.35489 08 00 27.51 +17 35 29.0	17.8 Ro~1IAGH15
23446	C2015 01 26.35489 08 01 17.51 +19 08 50.9	18.5 Ro~1I9RH15
22599	C2015 01 26.35489 08 01 37.51 +18 22 10.7	19.4 Ro~1I9LH15
19039	C2015 01 26.35489 08 05 27.42 +17 38 18.8	18.9 Ro~1I8xH15
18086	C2015 01 26.35489 08 01 40.96 +17 59 22.5	19.1 Ro~1I8sH15
70223	C2015 01 26.35489 08 01 29.59 +18 11 54.9	19.3 Ro~1IDsH15
09874	C2015 01 26.35489 08 04 38.26 +17 55 46.2	17.4 Ro~1I7vH15
09398	C2015 01 26.35489 08 04 15.25 +18 39 57.1	19.7 Ro~1I7sH15
14205	C2015 01 26.35489 08 00 07.91 +18 26 51.8	17.8 Ro~1I8QH15
03027	C2015 01 26.35489 08 00 42.31 +17 41 11.3	17.8 Ro~1I73H15
03618	C2015 01 26.35489 07 59 23.60 +18 01 25.6	18.0 Ro~1I78H15
T2963	C2015 01 26.35489 08 03 35.17 +17 35 57.1	19.9 Ro~1ITKH15
b1552	C2015 01 26.35489 08 01 51.54 +18 59 03.9	19.9 Ro~1IVbH15
b7217	C2015 01 26.35489 08 01 38.92 +18 20 52.2	18.9 Ro~1IW8H15
H5458	C2015 01 26.35844 07 59 40.30 +20 47 40.4	19.5 Ro~1IMIH15
H3571	C2015 01 26.35844 07 59 38.96 +19 38 34.9	19.4 Ro~1IMAH15
F1191	C2015 01 26.35844 08 00 22.50 +20 29 47.3	19.4 Ro~1IKhH15
40254	C2015 01 26.35844 08 00 09.48 +19 11 49.5	18.7 Ro~1IB8H15
C3144	C2015 01 26.35844 08 01 06.88 +20 49 26.0	19.3 Ro~1IIcH15
B6307	C2015 01 26.35844 08 03 40.39 +20 58 48.6	19.4 Ro~1II3H15
76865	C2015 01 26.35844 08 02 31.25 +19 25 15.2	17.4 Ro~1IEWH15
55175	C2015 01 26.35844 08 01 38.24 +20 26 56.8	18.0 Ro~1ICcH15
51143	C2015 01 26.35844 08 00 49.37 +19 40 21.4	18.9 Ro~1ICFH15
49535	C2015 01 26.35844 08 01 46.72 +20 26 57.6	17.8 Ro~1IC5H15
A3495	C2015 01 26.35844 08 04 10.90 +20 34 27.7	19.4 Ro~1IGuH15
H7356	C2015 01 26.35844 07 59 34.24 +20 31 28.4	19.5 Ro~1IMPH15
A7605	C2015 01 26.35844 08 04 44.60 +20 59 40.5	19.4 Ro~1IHEH15
16191	C2015 01 26.35844 08 00 06.08 +20 33 15.2	19.0 Ro~1I8gH15
13663	C2015 01 26.35844 07 59 48.91 +19 57 19.7	18.5 Ro~1I8MH15
13777	C2015 01 26.35844 08 02 18.25 +19 34 37.4	18.4 Ro~1I8NH15
13283	C2015 01 26.35844 08 01 28.42 +20 26 48.4	18.4 Ro~1I8JH15
11639	C2015 01 26.35844 08 01 45.16 +19 51 47.2	17.8 Ro~1I88H15
07437	C2015 01 26.35844 08 05 48.68 +19 28 42.5	17.1 Ro~1I7eH15
A5023	C2015 01 26.35844 08 01 41.68 +19 34 11.6	19.7 Ro~1IH3H15
P1681	C2015 01 26.35844 08 01 44.25 +20 12 23.2	19.6 Ro~1IQvH15
K1846	C2015 01 26.36096 08 00 43.09 +21 03 54.7	19.5 Ro~1IO2H15
J2038	C2015 01 26.36096 08 01 22.16 +21 58 48.5	19.8 Ro~1INNH15
F6321	C2015 01 26.36096 08 01 36.80 +21 53 28.5	19.3 Ro~1IL2H15
C8125	C2015 01 26.36096 08 02 58.54 +21 17 56.2	19.2 Ro~1IJ0H15
C6709	C2015 01 26.36096 08 00 32.23 +22 10 15.5	19.3 Ro~1IIsH15
C6058	C2015 01 26.36096 08 03 20.84 +21 04 52.8	19.3 Ro~1IIpH15
C3633	C2015 01 26.36096 08 01 20.62 +21 50 08.5	19.6 Ro~1IIfH15
B1987	C2015 01 26.36096 08 00 59.71 +21 12 17.8	19.7 Ro~1IHdH15
A4820	C2015 01 26.36096 08 05 02.51 +22 35 27.1	19.9 Ro~1IH2H15
A4663	C2015 01 26.36096 08 05 26.64 +22 46 41.6	19.2 Ro~1IH1H15
97009	C2015 01 26.36096 07 59 45.37 +22 19 39.5	19.7 Ro~1IGNH15
96920	C2015 01 26.36096 08 02 40.91 +22 35 31.0	19.3 Ro~1IGNH15
95127	C2015 01 26.36096 08 01 32.84 +22 12 36.8	19.8 Ro~1IGFH15
76055	C2015 01 26.36096 07 59 47.00 +22 35 37.4	19.4 Ro~1IERH15
74685	C2015 01 26.36096 07 59 26.65 +22 29 17.3	18.8 Ro~1IEGH15
68959	C2015 01 26.36096 08 02 31.69 +22 34 40.4	19.8 Ro~1IDkH15
61145	C2015 01 26.36096 08 00 50.41 +21 19 02.4	17.8 Ro~1ID4H15
60903	C2015 01 26.36096 08 01 39.19 +22 38 58.0	19.0 Ro~1ID4H15
47882	C2015 01 26.36096 08 02 15.95 +22 08 19.0	18.8 Ro~1IBuH15
F1766	C2015 01 26.36096 08 04 54.70 +21 11 49.1	20.0 Ro~1IKjH15
45624	C2015 01 26.36096 08 01 28.28 +22 43 03.7	19.1 Ro~1IBgH15
41619	C2015 01 26.36096 07 59 31.70 +22 39 07.9	18.3 Ro~1IBHH15
23056	C2015 01 26.36096 08 04 23.60 +21 01 51.4	18.2 Ro~1I9OH15
C2867	C2015 01 26.36096 08 05 29.22 +21 51 27.7	19.0 Ro~1IIaH15
66169	C2015 01 26.36096 08 00 56.49 +21 10 59.6	18.3 Ro~1IDSH15
26801	C2015 01 26.36096 08 05 05.48 +22 19 24.0	19.2 Ro~1I9pH15
24703	C2015 01 26.36096 08 02 24.27 +21 36 46.5	19.2 Ro~1I9ZH15
17716	C2015 01 26.36096 08 00 04.57 +21 12 18.2	18.3 Ro~1I8pH15
19672	C2015 01 26.36096 08 01 30.87 +21 26 43.3	18.0 Ro~1I91H15
16475	C2015 01 26.36096 08 05 15.23 +22 34 39.7	18.1 Ro~1I8iH15
D6335	C2015 01 26.36096 08 04 29.82 +22 34 27.5	19.9 Ro~1IJYH15
48082	C2015 01 26.36096 07 59 33.35 +22 10 52.2	18.5 Ro~1IBvH15
05036	C2015 01 26.36096 07 59 55.66 +21 51 00.0	15.9 Ro~1I7JH15
06739	C2015 01 26.36096 08 04 49.98 +22 29 54.5	18.8 Ro~1I7YH15
45008	C2015 01 26.36096 08 04 01.38 +21 27 11.1	19.2 Ro~1IBcH15
P8000	C2015 01 26.36096 07 59 56.34 +22 40 58.7	19.6 Ro~1IRBH15
a6726	C2015 01 26.36096 07 59 05.45 +21 13 03.0	19.5 Ro~1IVIH15
N2973	C2015 01 26.36344 08 02 06.03 +22 45 29.9	19.5 Ro~1IPwH15
K4174	C2015 01 26.36344 08 05 36.75 +22 59 58.5	19.6 Ro~1IOCH15
C0443	C2015 01 26.36344 08 01 55.80 +23 02 07.4	18.4 Ro~1IIPH15
A8269	C2015 01 26.36344 08 06 12.14 +23 18 23.1	19.3 Ro~1IHHH15
86491	C2015 01 26.36344 08 03 26.38 +23 14 49.7	18.7 Ro~1IFYH15
83201	C2015 01 26.36344 07 59 32.30 +23 32 28.7	19.4 Ro~1IFGH15
76695	C2015 01 26.36344 08 02 16.17 +24 04 40.6	19.7 Ro~1IEUH15
62902	C2015 01 26.36344 08 01 25.00 +23 23 16.8	19.5 Ro~1IDDH15
51789	C2015 01 26.36344 08 04 59.45 +23 39 42.8	18.7 Ro~1ICJH15
46344	C2015 01 26.36344 08 03 08.69 +23 55 34.9	18.8 Ro~1IBkH15
28588	C2015 01 26.36344 08 01 29.48 +23 53 20.7	18.7 Ro~1IA2H15
B0823	C2015 01 26.36344 08 03 26.37 +24 15 13.6	19.2 Ro~1IHZH15
45107	C2015 01 26.36344 08 01 05.68 +23 17 08.1	19.3 Ro~1IBdH15
76429	C2015 01 26.36344 08 02 21.33 +22 53 10.5	18.4 Ro~1IESH15
38220	C2015 01 26.36344 08 04 17.84 +23 00 49.1	18.9 Ro~1IAxH15
21195	C2015 01 26.36344 07 59 29.35 +23 04 03.7	18.6 Ro~1I9CH15
28604	C2015 01 26.36344 08 06 02.48 +23 03 01.5	19.5 Ro~1IA2H15
23281	C2015 01 26.36344 07 59 19.94 +23 46 00.2	18.4 Ro~1I9QH15
20831	C2015 01 26.36344 08 00 02.77 +23 30 39.9	18.5 Ro~1I99H15
11688	C2015 01 26.36344 08 05 00.06 +24 17 26.8	18.3 Ro~1I88H15
11602	C2015 01 26.36344 08 05 39.43 +22 58 09.5	17.3 Ro~1I88H15
08931	C2015 01 26.36344 08 01 05.36 +22 47 27.3	17.8 Ro~1I7pH15
I1989	C2015 01 26.36344 08 01 25.39 +22 56 13.2	19.5 Ro~1IMhH15
87935	C2015 01 26.36344 07 59 53.55 +23 39 12.7	17.5 Ro~1IFjH15
14195	C2015 01 26.36344 08 04 23.13 +23 46 36.7	17.3 Ro~1I8QH15
13368	C2015 01 26.36344 08 04 28.03 +24 17 00.4	18.5 Ro~1I8KH15
48064	C2015 01 26.36344 07 59 34.11 +23 38 41.9	19.0 Ro~1IBvH15
12645	C2015 01 26.36344 08 00 35.33 +24 17 45.6	17.7 Ro~1I8EH15
P7517	C2015 01 26.36344 08 00 44.98 +23 01 13.5	19.2 Ro~1IR9H15
f7214	C2015 01 26.36344 08 04 19.67 +22 59 17.3	19.7 Ro~1IX6H15
g5731K11B80J	C2015 01 26.36344 08 01 09.09 +22 53 00.7	19.4 Ro~1II1KH15
N2606	C2015 01 26.36594 07 59 25.79 +17 58 45.1	19.5 Ro~1IPuH15
L5654	C2015 01 26.36594 08 03 37.70 +18 15 15.8	19.4 Ro~1IOfH15
K1935	C2015 01 26.36594 08 03 29.67 +17 31 23.8	19.8 Ro~1IO3H15
J3692	C2015 01 26.36594 08 03 05.64 +18 59 14.7	19.7 Ro~1INVH15
H0521	C2015 01 26.36594 08 03 25.08 +18 33 58.6	19.2 Ro~1ILyH15
F3858	C2015 01 26.36594 08 03 36.10 +18 43 11.1	19.4 Ro~1IKsH15
C6379	C2015 01 26.36594 08 00 19.58 +18 34 43.3	18.2 Ro~1IIqH15
B3881	C2015 01 26.36594 08 04 17.08 +18 52 22.4	19.7 Ro~1IHpH15
A8938	C2015 01 26.36594 07 59 55.74 +18 35 04.9	18.9 Ro~1IHLH15
42861	C2015 01 26.36594 08 01 01.01 +17 39 15.3	19.0 Ro~1IBOH15
90311	C2015 01 26.36594 08 01 33.33 +18 59 33.4	19.5 Ro~1IFuH15
80318	C2015 01 26.36594 08 02 50.28 +18 37 53.7	18.8 Ro~1IEwH15
75268	C2015 01 26.36594 08 05 01.20 +17 32 14.7	18.9 Ro~1IELH15
74714	C2015 01 26.36594 08 04 32.64 +17 41 18.4	19.6 Ro~1IEGH15
71031	C2015 01 26.36594 08 04 35.25 +19 11 58.1	19.2 Ro~1IDvH15
63264	C2015 01 26.36594 08 02 17.20 +19 11 29.4	19.3 Ro~1IDEH15
59116	C2015 01 26.36594 08 02 26.66 +19 04 20.4	18.4 Ro~1ICvH15
51510	C2015 01 26.36594 08 04 05.14 +17 33 23.0	18.3 Ro~1ICHH15
30640	C2015 01 26.36594 07 59 44.87 +17 53 18.6	18.7 Ro~1IAFH15
43326	C2015 01 26.36594 07 58 59.51 +17 42 54.0	18.8 Ro~1IBRH15
41116	C2015 01 26.36594 08 01 13.77 +17 36 57.1	19.2 Ro~1IBEH15
42623	C2015 01 26.36594 08 03 32.66 +18 04 15.1	18.9 Ro~1IBNH15
F3962	C2015 01 26.36594 08 00 33.92 +17 40 56.2	18.9 Ro~1IKtH15
55351	C2015 01 26.36594 08 04 07.77 +17 31 59.0	18.9 Ro~1ICdH15
48121	C2015 01 26.36594 08 01 04.12 +18 45 38.8	18.3 Ro~1IBwH15
31914	C2015 01 26.36594 07 58 58.98 +17 29 29.8	18.9 Ro~1IAMH15
E1006	C2015 01 26.36594 08 02 39.69 +18 48 11.0	19.1 Ro~1IJwH15
A7273	C2015 01 26.36594 08 03 48.55 +18 15 46.5	19.0 Ro~1IHCH15
76786	C2015 01 26.36594 08 02 40.87 +18 27 54.5	19.0 Ro~1IEVH15
30851	C2015 01 26.36594 08 00 26.72 +17 35 30.3	17.8 Ro~1IAGH15
23446	C2015 01 26.36594 08 01 16.80 +19 08 53.5	18.5 Ro~1I9RH15
22599	C2015 01 26.36594 08 01 36.86 +18 22 14.1	19.4 Ro~1I9LH15
19039	C2015 01 26.36594 08 05 26.64 +17 38 22.4	19.1 Ro~1I8xH15
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25765	C2015 01 26.39129 07 55 27.75 +20 01 19.8	19.3 Ro~1I9hH15
25768	C2015 01 26.39129 07 55 34.94 +19 16 42.7	18.6 Ro~1I9iH15
91757	C2015 01 26.39129 07 56 59.18 +20 26 28.4	19.5 Ro~1IG1H15
78417	C2015 01 26.39129 07 56 48.34 +20 17 50.0	19.3 Ro~1IEiH15
70138	C2015 01 26.39129 07 53 38.93 +20 37 19.6	17.8 Ro~1IDrH15
61693	C2015 01 26.39129 07 52 19.95 +19 22 59.4	18.4 Ro~1ID7H15
53385	C2015 01 26.39129 07 57 16.15 +20 43 36.2	18.3 Ro~1ICTH15
51158	C2015 01 26.39129 07 58 17.05 +20 20 05.4	19.1 Ro~1ICFH15
49501	C2015 01 26.39129 07 56 21.07 +20 17 08.2	18.1 Ro~1IC5H15
46599	C2015 01 26.39129 07 56 41.80 +19 22 00.9	17.7 Ro~1IBmH15
34067	C2015 01 26.39129 07 54 42.20 +19 57 21.3	19.2 Ro~1IAZH15
38090	C2015 01 26.39129 07 54 24.76 +20 57 42.1	19.1 Ro~1IAwH15
66336	C2015 01 26.39129 07 51 03.27 +20 35 07.0	18.9 Ro~1IDTH15
26495	C2015 01 26.39129 07 54 01.69 +20 01 42.5	18.7 Ro~1I9nH15
17736	C2015 01 26.39129 07 57 44.69 +19 19 38.3	17.6 Ro~1I8qH15
D4618	C2015 01 26.39129 07 54 34.18 +19 36 08.4	19.3 Ro~1IJPH15
F1058	C2015 01 26.39129 07 54 59.20 +19 17 27.4	18.8 Ro~1IKgH15
14678	C2015 01 26.39129 07 56 47.41 +19 19 32.6	17.4 Ro~1I8THl5
11538	C2015 01 26.39129 07 58 18.08 +20 40 29.6	18.0 Ro~1I87H15
07677	C2015 01 26.39129 07 52 37.05 +19 59 21.1	17.6 Ro~1I7gH15
02921	C2015 01 26.39129 07 53 50.33 +19 49 01.4	18.6 Ro~1I72H15
14151	C2015 01 26.39129 07 53 00.18 +19 39 14.8	18.6 Ro~1I8QH15
00431	C2015 01 26.39129 07 53 21.07 +20 57 43.0	14.1 Ro~1I6aH15
24116	C2015 01 26.39129 07 55 33.81 +19 17 02.1	18.4 Ro~1I9WH15
R1326	C2015 01 26.39129 07 55 58.90 +19 34 02.8	19.5 Ro~1IS8H15
E6566	C2015 01 26.39390 07 52 54.83 +22 24 40.2	19.0 Ro~1IKMH15
E4035	C2015 01 26.39390 07 56 06.41 +21 19 26.6	19.8 Ro~1IKAH15
J7380	C2015 01 26.39390 07 57 51.54 +22 30 23.2	18.8 Ro~1INkH15
71322	C2015 01 26.39390 07 52 31.80 +21 32 56.8	18.9 Ro~1IDwH15
67825	C2015 01 26.39390 07 55 57.36 +21 17 48.8	19.2 Ro~1IDdH15
66265	C2015 01 26.39390 07 56 05.77 +21 34 24.3	19.8 Ro~1IDTH15
54887	C2015 01 26.39390 07 55 40.77 +21 54 12.0	19.3 Ro~1ICaH15
31713	C2015 01 26.39390 07 56 30.42 +22 15 51.1	18.7 Ro~1IAKH15
39245	C2015 01 26.39390 07 54 00.03 +21 57 04.8	19.3 Ro~1IB2H15
32635	C2015 01 26.39390 07 53 23.03 +21 25 32.0	17.9 Ro~1IARH15
26522	C2015 01 26.39390 07 51 31.09 +21 12 43.0	19.5 Ro~1I9nH15
G3096	C2015 01 26.39390 07 52 59.66 +21 52 53.1	19.0 Ro~1ILTH15
08161	C2015 01 26.39390 07 52 59.28 +22 13 21.1	18.6 Ro~1I7jH15
M8388	C2015 01 26.39390 07 53 37.60 +21 44 30.2	19.1 Ro~1IPZH15
08104	C2015 01 26.39390 07 58 29.86 +21 40 27.8	18.2 Ro~1I7iH15
02455	C2015 01 26.39390 07 52 39.74 +21 08 03.8	15.7 Ro~1I6xH15
77006	C2015 01 26.39390 07 53 03.38 +21 41 10.9	18.9 Ro~1IEXH15
04825	C2015 01 26.39390 07 52 45.04 +21 37 45.1	17.4 Ro~1I7IH15
K08C30A	C2015 01 26.39390 07 52 11.48 +22 33 01.0	19.6 Ro~1I0CH15
M1123	C2015 01 26.39639 07 52 05.63 +23 57 28.9	19.6 Ro~1IP2H15
H2473	C2015 01 26.39639 07 52 40.48 +23 22 19.5	19.3 Ro~1IM6H15
G7976	C2015 01 26.39639 07 54 52.40 +23 09 06.8	19.9 Ro~1ILpH15
G7519	C2015 01 26.39639 07 56 30.49 +23 26 45.0	19.5 Ro~1IL1H15
F0243	C2015 01 26.39639 07 56 55.18 +23 39 15.4	19.8 Ro~1IKbH15
24437	C2015 01 26.39639 07 57 37.53 +24 18 54.8	17.8 Ro~1I9YH15
B7425	C2015 01 26.39639 07 56 24.68 +24 29 01.8	19.5 Ro~1IIAH15
B5107	C2015 01 26.39639 07 56 38.65 +23 49 54.4	19.5 Ro~1IHwH15
A5004	C2015 01 26.39639 07 53 23.25 +24 17 44.9	18.5 Ro~1IH3H15
A0721	C2015 01 26.39639 07 55 58.84 +23 44 47.1	19.4 Ro~1IGeH15
99345	C2015 01 26.39639 07 57 18.90 +23 49 30.3	18.9 Ro~1IGXH15
91092	C2015 01 26.39639 07 52 36.40 +23 50 05.7	20.0 Ro~1IFyH15
88162	C2015 01 26.39639 07 53 33.37 +24 24 30.9	19.8 Ro~1IFkH15
77961	C2015 01 26.39639 07 56 28.98 +23 32 19.4	17.7 Ro~1IEeH15
77101	C2015 01 26.39639 07 52 51.21 +23 24 20.9	19.6 Ro~1IEXH15
48743	C2015 01 26.39639 07 58 07.87 +23 54 43.4	18.9 Ro~1IBzH15
62899	C2015 01 26.39639 07 54 37.86 +23 35 12.2	19.2 Ro~1IDDH15
51900	C2015 01 26.39639 07 53 38.13 +23 09 27.0	19.0 Ro~1ICKH15
29053	C2015 01 26.39639 07 53 08.46 +23 11 22.4	19.3 Ro~1IA5H15
72556	C2015 01 26.39639 07 54 20.97 +23 53 22.2	19.4 Ro~1IE5H15
30306	C2015 01 26.39639 07 57 06.00 +22 57 55.2	18.8 Ro~1IACH15
55793	C2015 01 26.39639 07 52 55.42 +23 29 33.7	18.8 Ro~1ICgH15
77582	C2015 01 26.39639 07 56 27.61 +24 22 47.1	19.5 Ro~1IEaH15
24132	C2015 01 26.39639 07 58 24.40 +23 46 01.3	19.1 Ro~1I9WH15
18543	C2015 01 26.39639 07 57 58.42 +22 57 03.1	17.9 Ro~1I8uH15
16600	C2015 01 26.39639 07 58 19.40 +23 19 41.6	18.4 Ro~1I8jH15
09938	C2015 01 26.39639 07 56 33.80 +24 15 32.1	18.0 Ro~1I7vH15
13211	C2015 01 26.39639 07 58 16.66 +22 51 16.7	18.9 Ro~1I8IH15
64820	C2015 01 26.39639 07 53 32.58 +23 01 41.9	18.6 Ro~1IDMH15
13482	C2015 01 26.39639 07 55 20.03 +23 55 32.1	17.9 Ro~1I8KH15
40704	C2015 01 26.39639 07 53 41.68 +23 05 54.4	19.4 Ro~1IBCH15
00279	C2015 01 26.39639 07 52 42.46 +23 04 24.7	15.0 Ro~1I6ZH15
Q8955	C2015 01 26.39639 07 56 13.21 +23 30 43.7	19.3 Ro~1IRvH15
T4814	C2015 01 26.39639 07 55 03.46 +24 22 21.3	19.6 Ro~1ITOH15
V8089	C2015 01 26.39639 07 54 36.69 +23 23 25.4	19.3 Ro~1ITkH15
M5595	C2015 01 26.39890 07 58 09.74 +18 14 09.8	18.2 Ro~1IPMH15
39808	C2015 01 26.39890 07 53 00.05 +17 36 47.4	18.2 Ro~1IB6H15
C8192	C2015 01 26.39890 07 54 02.76 +18 03 34.0	19.6 Ro~1IJ0H15
92943	C2015 01 26.39890 07 51 24.24 +17 48 37.1	19.1 Ro~1IG3H15
64328	C2015 01 26.39890 07 52 11.41 +18 22 03.2	18.9 Ro~1IDKH15
30846	C2015 01 26.39890 07 56 55.74 +18 16 17.3	18.9 Ro~1IAGH15
43813	C2015 01 26.39890 07 51 12.59 +18 10 45.7	17.6 Ro~1IBUH15
H4790	C2015 01 26.39890 07 54 34.67 +18 37 32.8	18.8 Ro~1IMFH15
24394	C2015 01 26.39890 07 57 30.14 +19 10 10.3	17.4 Ro~1I9YH15
22989	C2015 01 26.39890 07 51 11.06 +18 13 49.7	18.6 Ro~1I9OH15
19662	C2015 01 26.39890 07 57 50.04 +18 36 18.8	18.5 Ro~1I91H15
16164	C2015 01 26.39890 07 57 15.45 +18 39 15.4	18.8 Ro~1I8gH15
22750	C2015 01 26.39890 07 55 16.59 +18 00 31.8	18.0 Ro~1I9MH15
46315	C2015 01 26.39890 07 54 46.34 +17 56 14.3	18.1 Ro~1IBkH15
11855	C2015 01 26.39890 07 54 45.11 +18 19 57.0	18.7 Ro~1I89H15
09751	C2015 01 26.39890 07 51 30.07 +18 05 39.2	18.4 Ro~1I7vH15
09220	C2015 01 26.39890 07 56 40.40 +18 09 03.4	18.0 Ro~1I7rH15
04333	C2015 01 26.39890 07 55 08.33 +18 07 34.6	17.3 Ro~1I7EH15
07400	C2015 01 26.39890 07 54 27.81 +18 55 24.9	18.0 Ro~1I7dH15
Q9038	C2015 01 26.39890 07 53 43.23 +18 57 27.0	19.1 Ro~1IRvH15
T5649	C2015 01 26.39890 07 55 06.68 +17 36 17.2	18.6 Ro~1ITQH15
K08CI9Z	C2015 01 26.39890 07 57 02.47 +17 47 14.5	19.2 Ro~1I0EH15
K15Bp1R	C2015 01 26.39890 07 52 55.51 +18 10 43.5	19.5 Ro~1I6TH15
M7453	C2015 01 26.40205 07 52 38.33 +19 53 47.1	18.9 Ro~1IPVH15
M4586	C2015 01 26.40205 07 52 30.15 +19 13 17.3	18.1 Ro~1IPIH15
H7416	C2015 01 26.40205 07 55 05.78 +20 26 57.7	19.5 Ro~1IMQH15
E8839	C2015 01 26.40205 07 52 07.63 +20 08 10.7	18.9 Ro~1IKWH15
E4039	C2015 01 26.40205 07 54 24.02 +20 12 29.6	18.7 Ro~1IKAH15
C0129	C2015 01 26.40205 07 58 10.09 +19 50 47.0	19.4 Ro~1IINH15
25765	C2015 01 26.40205 07 55 27.12 +20 01 20.9	19.4 Ro~1I9hH15
25768	C2015 01 26.40205 07 55 34.36 +19 16 45.3	19.0 Ro~1I9iH15
91757	C2015 01 26.40205 07 56 58.56 +20 26 27.1	19.2 Ro~1IG1H15
78417	C2015 01 26.40205 07 56 47.71 +20 17 53.3	19.3 Ro~1IEiH15
70138	C2015 01 26.40205 07 53 38.18 +20 37 19.3	17.9 Ro~1IDrH15
61693	C2015 01 26.40205 07 52 19.40 +19 23 04.3	18.3 Ro~1ID7H15
53385	C2015 01 26.40205 07 57 15.56 +20 43 41.3	18.2 Ro~1ICTH15
51158	C2015 01 26.40205 07 58 16.48 +20 20 07.8	18.9 Ro~1ICFH15
49501	C2015 01 26.40205 07 56 20.43 +20 17 09.6	18.1 Ro~1IC5H15
46599	C2015 01 26.40205 07 56 41.13 +19 22 04.2	17.6 Ro~1IBmH15
34067	C2015 01 26.40205 07 54 41.72 +19 57 24.5	19.2 Ro~1IAZH15
38090	C2015 01 26.40205 07 54 23.97 +20 57 44.9	18.9 Ro~1IAwH15
66336	C2015 01 26.40205 07 51 02.53 +20 35 07.1	19.2 Ro~1IDTH15
26495	C2015 01 26.40205 07 54 01.00 +20 01 42.7	18.7 Ro~1I9nH15
17736	C2015 01 26.40205 07 57 44.00 +19 19 38.7	17.5 Ro~1I8qH15
D4618	C2015 01 26.40205 07 54 33.57 +19 36 11.6	19.5 Ro~1IJPH15
F1058	C2015 01 26.40205 07 54 58.51 +19 17 27.2	19.1 Ro~1IKgH15
14678	C2015 01 26.40205 07 56 46.69 +19 19 34.0	17.4 Ro~1I8THl5
11538	C2015 01 26.40205 07 58 17.32 +20 40 29.8	17.8 Ro~1I87H15
07677	C2015 01 26.40205 07 52 36.36 +19 59 23.0	17.7 Ro~1I7gH15
02921	C2015 01 26.40205 07 53 49.82 +19 49 02.7	18.6 Ro~1I72H15
14151	C2015 01 26.40205 07 52 59.50 +19 39 18.1	18.4 Ro~1I8QH15
00431	C2015 01 26.40205 07 53 20.50 +20 57 44.8	14.0 Ro~1I6aH15
24116	C2015 01 26.40205 07 55 33.09 +19 17 05.3	18.4 Ro~1I9WH15
R1326	C2015 01 26.40205 07 55 58.29 +19 34 03.0	19.4 Ro~1IS8H15
M8388	C2015 01 26.40472 07 53 37.01 +21 44 34.9	19.1 Ro~1IPZH15
E6566	C2015 01 26.40472 07 52 54.17 +22 24 42.0	19.6 Ro~1IKMH15
E4035	C2015 01 26.40472 07 56 05.67 +21 19 30.5	19.2 Ro~1IKAH15
71322	C2015 01 26.40472 07 52 31.15 +21 32 58.8	18.8 Ro~1IDwH15
67825	C2015 01 26.40472 07 55 56.57 +21 17 50.3	19.6 Ro~1IDdH15
66265	C2015 01 26.40472 07 56 05.04 +21 34 26.9	19.2 Ro~1IDTH15
54887	C2015 01 26.40472 07 55 40.09 +21 54 11.9	19.1 Ro~1ICaH15
31713	C2015 01 26.40472 07 56 29.87 +22 15 53.2	18.6 Ro~1IAKH15
39245	C2015 01 26.40472 07 53 59.37 +21 57 09.5	19.1 Ro~1IB2H15
J7380	C2015 01 26.40472 07 57 51.01 +22 30 29.1	18.9 Ro~1INkH15
32635	C2015 01 26.40472 07 53 22.35 +21 25 33.1	18.1 Ro~1IARH15
26522	C2015 01 26.40472 07 51 30.64 +21 12 45.2	19.1 Ro~1I9nH15
G3096	C2015 01 26.40472 07 52 58.85 +21 52 53.3	19.0 Ro~1ILTH15
08161	C2015 01 26.40472 07 52 58.75 +22 13 22.4	18.7 Ro~1I7jH15
08104	C2015 01 26.40472 07 58 29.21 +21 40 28.1	18.4 Ro~1I7iH15
02455	C2015 01 26.40472 07 52 39.04 +21 08 03.3	15.6 Ro~1I6xH15
77006	C2015 01 26.40472 07 53 02.68 +21 41 15.2	19.1 Ro~1IEXH15
04825	C2015 01 26.40472 07 52 44.17 +21 37 44.8	17.7 Ro~1I7IH15
K08C30A	C2015 01 26.40472 07 52 10.87 +22 33 04.1	19.4 Ro~1I0CH15
M1123	C2015 01 26.40719 07 52 04.94 +23 57 35.1	19.6 Ro~1IP2H15
H2473	C2015 01 26.40719 07 52 39.67 +23 22 19.7	19.5 Ro~1IM6H15
G7976	C2015 01 26.40719 07 54 51.85 +23 09 09.8	19.9 Ro~1ILpH15
G7519	C2015 01 26.40719 07 56 29.94 +23 26 43.9	19.5 Ro~1ILmH15
F0243	C2015 01 26.40719 07 56 54.49 +23 39 15.9	20.0 Ro~1IKbH15
24437	C2015 01 26.40719 07 57 36.89 +24 18 54.6	17.7 Ro~1I9YH15
B7425	C2015 01 26.40719 07 56 24.01 +24 29 04.2	19.9 Ro~1IIAH15
B5107	C2015 01 26.40719 07 56 38.09 +23 49 55.9	19.2 Ro~1IHwH15
A5004	C2015 01 26.40719 07 53 22.68 +24 17 47.2	18.3 Ro~1IH3H15
A0721	C2015 01 26.40719 07 55 58.06 +23 44 46.5	19.1 Ro~1IGeH15
99345	C2015 01 26.40719 07 57 18.07 +23 49 31.4	18.9 Ro~1IGXH15
91092	C2015 01 26.40719 07 52 35.79 +23 50 06.5	20.0 Ro~1IFyH15
88162	C2015 01 26.40719 07 53 32.71 +24 24 30.2	19.6 Ro~1IFkH15
77961	C2015 01 26.40719 07 56 28.12 +23 32 35.0	17.7 Ro~1IEeH15
77101	C2015 01 26.40719 07 52 50.51 +23 24 21.0	19.3 Ro~1IEXH15
62899	C2015 01 26.40719 07 54 37.15 +23 35 12.9	19.2 Ro~1IDDH15
51900	C2015 01 26.40719 07 53 37.52 +23 09 29.2	19.2 Ro~1ICKH15
48743	C2015 01 26.40719 07 58 07.11 +23 54 45.6	18.8 Ro~1IBzH15
29053	C2015 01 26.40719 07 53 07.98 +23 11 23.8	19.3 Ro~1IA5H15
72556	C2015 01 26.40719 07 54 20.35 +23 53 23.5	19.5 Ro~1IE5H15
30306	C2015 01 26.40719 07 57 05.31 +22 57 56.9	18.7 Ro~1IACH15
55793	C2015 01 26.40719 07 52 54.70 +23 29 34.5	18.7 Ro~1ICgH15
77582	C2015 01 26.40719 07 56 26.96 +24 22 51.0	19.1 Ro~1IEaH15
24132	C2015 01 26.40719 07 58 23.62 +23 46 03.7	19.1 Ro~1I9WH15
18543	C2015 01 26.40719 07 57 57.73 +22 57 03.0	18.0 Ro~1I8uH15
16600	C2015 01 26.40719 07 58 18.68 +23 19 44.1	18.2 Ro~1I8jH15

09938	C2015 01 26.40719 07 56 33.02 +24 15 34.5	17.9 Ro~lI7vH15
13211	C2015 01 26.40719 07 58 16.09 +22 51 19.1	19.0 Ro~lI8IH15
64820	C2015 01 26.40719 07 53 31.90 +23 01 42.5	18.6 Ro~lIDMH15
13482	C2015 01 26.40719 07 55 19.48 +23 55 34.0	18.0 Ro~lI8KH15
40704	C2015 01 26.40719 07 53 41.06 +23 05 58.3	19.4 Ro~lIBCH15
00279	C2015 01 26.40719 07 52 41.96 +23 04 25.9	14.9 Ro~lI6ZH15
Q8955	C2015 01 26.40719 07 56 12.58 +23 30 43.0	19.4 Ro~lIRvH15
T4814	C2015 01 26.40719 07 55 02.81 +24 22 26.0	19.7 Ro~lITOH15
V8089	C2015 01 26.40719 07 54 36.11 +23 23 26.2	19.7 Ro~lITkH15
47061	C2015 01 26.41618 15 09 48.93 -08 26 37.5	18.3 Ro~lIBpH15
05342	C2015 01 26.41618 15 12 04.02 -09 06 21.0	18.3 Ro~lI7MH15
47061	C2015 01 26.42715 15 09 49.54 -08 26 39.7	18.8 Ro~lIBpH15
05342	C2015 01 26.42715 15 12 05.22 -09 06 21.7	18.0 Ro~lI7MH15
47061	C2015 01 26.43802 15 09 50.15 -08 26 42.0	18.3 Ro~lIBpH15
05342	C2015 01 26.43802 15 12 06.32 -09 06 22.1	18.4 Ro~lI7MH15
03779	C2015 01 26.44055 15 14 16.31 -10 10 33.2	16.9 Ro~lI79H15
03649	C2015 01 26.44055 15 12 25.53 -10 35 33.0	18.2 Ro~lI78H15
02199	C2015 01 26.44055 15 14 15.00 -10 59 28.3	17.5 Ro~lI6uH15
02850	C2015 01 26.44389 15 20 12.45 -10 36 20.5	18.0 Ro~lI71H15
05477	C2015 01 26.44666 15 26 57.87 -08 12 37.8	18.0 Ro~lI7MH15
01346	C2015 01 26.44666 15 24 36.85 -08 32 29.0	17.1 Ro~lI61H15
47485	C2015 01 26.44910 15 23 06.98 -10 42 25.0	19.0 Ro~lIBsH15
31425	C2015 01 26.44910 15 27 35.94 -09 52 52.9	17.7 Ro~lIAJH15
23551	C2015 01 26.44910 15 24 15.61 -10 22 10.8	18.6 Ro~lI9SH15
04580	C2015 01 26.44910 15 26 35.63 -09 58 49.4	17.0 Ro~lI7GH15
03779	C2015 01 26.45160 15 14 17.07 -10 10 36.9	16.8 Ro~lI79H15
03649	C2015 01 26.45160 15 12 26.18 -10 35 34.5	17.9 Ro~lI78H15
02199	C2015 01 26.45160 15 14 16.04 -10 59 29.7	17.6 Ro~lI6uH15
02850	C2015 01 26.45459 15 20 13.30 -10 36 22.2	17.7 Ro~lI71H15
01346	C2015 01 26.45813 15 24 37.60 -08 32 28.1	17.1 Ro~lI61H15
05477	C2015 01 26.45813 15 26 58.88 -08 12 44.5	18.1 Ro~lI7MH15
47485	C2015 01 26.46071 15 23 07.83 -10 42 27.7	19.3 Ro~lIBsH15
31425	C2015 01 26.46071 15 27 37.22 -09 52 55.2	18.0 Ro~lIAJH15
23551	C2015 01 26.46071 15 24 16.58 -10 22 13.0	19.4 Ro~lI9SH15
04580	C2015 01 26.46071 15 26 36.63 -09 58 49.4	17.1 Ro~lI7GH15
03779	C2015 01 26.46324 15 14 17.87 -10 10 40.6	16.8 Ro~lI79H15
03649	C2015 01 26.46324 15 12 26.91 -10 35 36.4	17.8 Ro~lI78H15
02199	C2015 01 26.46324 15 14 17.32 -10 59 32.8	17.9 Ro~lI6uH15
02850	C2015 01 26.46571 15 20 14.16 -10 36 24.5	17.7 Ro~lI71H15
01346	C2015 01 26.46891 15 24 38.23 -08 32 28.1	17.0 Ro~lI61H15
05477	C2015 01 26.46891 15 26 59.85 -08 12 50.0	17.6 Ro~lI7MH15
47485	C2015 01 26.47143 15 23 08.74 -10 42 29.0	19.1 Ro~lIBsH15
31425	C2015 01 26.47143 15 27 38.41 -09 52 58.7	17.7 Ro~lIAJH15
23551	C2015 01 26.47143 15 24 17.47 -10 22 14.3	18.8 Ro~lI9SH15
04580	C2015 01 26.47143 15 26 37.57 -09 58 49.2	17.0 Ro~lI7GH15
04163	C2015 01 26.47412 15 49 40.78 -09 26 32.6	17.6 Ro~lI7DH15
01303	C2015 01 26.47412 15 47 44.00 -09 18 26.2	15.6 Ro~lI61H15
01278	C2015 01 26.47666 15 46 00.08 -11 17 23.8	16.8 Ro~lI6kH15
03561	C2015 01 26.47666 15 49 09.59 -11 03 34.6	18.2 Ro~lI77H15
04448	C2015 01 26.48012 15 55 55.28 -08 44 11.4	17.2 Ro~lI7FH15
03835	C2015 01 26.48268 15 56 28.52 -11 40 29.5	18.8 Ro~lI7AH15
04163	C2015 01 26.48529 15 49 41.54 -09 26 33.4	17.4 Ro~lI7DH15
01303	C2015 01 26.48529 15 47 44.73 -09 18 28.6	15.5 Ro~lI61H15
01278	C2015 01 26.48777 15 46 01.02 -11 17 26.7	16.9 Ro~lI6kH15
03561	C2015 01 26.48777 15 49 10.16 -11 03 34.8	18.4 Ro~lI77H15
04448	C2015 01 26.49097 15 55 56.18 -08 44 14.1	16.8 Ro~lI7FH15
03835	C2015 01 26.49352 15 56 29.30 -11 40 29.8	18.4 Ro~lI7AH15
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G0422	C2015 01 27.26118 08 15 49.28 +21 13 15.3	19.1 Ro~lILJH15
F6306	C2015 01 27.26118 08 12 43.80 +21 09 41.6	17.7 Ro~lIL2H15
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E3679	C2015 01 27.26118 08 15 51.95 +20 22 17.6	19.3 Ro~lIK7H15
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C7255	C2015 01 27.26118 08 12 03.81 +20 35 08.9	18.9 Ro~lIIwH15
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78568	C2015 01 27.26118 08 10 17.58 +20 27 36.2	19.4 Ro~lIEjH15
22336	C2015 01 27.26118 08 10 43.61 +20 24 08.3	18.5 Ro~lI9KH15
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G6759	C2015 01 27.26625 08 29 11.29 +05 30 44.3	19.0 Ro~lILjH15
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S1940	C2015 01 27.26625 08 26 50.59 +06 28 24.6	19.0 Ro~lISyH15
V8603	C2015 01 27.26625 08 25 55.85 +06 32 41.0	19.6 Ro~lIT1H15
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R9395	C2015 01 27.26952 08 37 28.48 +02 58 42.2	19.3 Ro~lISmH15
T5298	C2015 01 27.26952 08 34 06.04 +03 14 30.1	19.9 Ro~lITPH15
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93562	C2015 01 27.27719 08 37 39.50 +06 38 30.7	18.6 Ro~lIG8H15
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60802	C2015 01 27.28559 08 42 50.29 +01 32 24.9	18.8 Ro~lID3H15
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16224	C2015 01 27.37572 11 04 15.52 +06 03 27.5	18.8 Ro~1I8gH15
26334	C2015 01 27.37572 11 07 11.68 +07 26 52.2	19.3 Ro~1I9mH15
11283	C2015 01 27.37572 11 02 45.03 +06 43 11.1	18.7 Ro~1I86H15
07419	C2015 01 27.37572 11 07 33.12 +06 20 34.3	17.8 Ro~1I7dH15
10869	C2015 01 27.37572 11 07 47.60 +07 13 12.3	19.2 Ro~1I82H15
10425	C2015 01 27.37572 11 03 06.98 +05 57 57.9	18.1 Ro~1I7zH15
03213	C2015 01 27.37572 11 06 31.45 +06 51 53.9	18.3 Ro~1I74H15
06429	C2015 01 27.37572 11 07 36.39 +06 34 01.0	18.3 Ro~1I7UH15
06423	C2015 01 27.37572 11 07 31.27 +07 21 52.4	17.7 Ro~1I7UH15
11020	C2015 01 27.37572 11 03 08.52 +06 06 50.9	18.7 Ro~1I84H15
14145	C2015 01 27.37572 11 02 22.61 +05 59 42.3	19.4 Ro~1I8QH15
08515	C2015 01 27.37572 11 05 48.35 +07 25 30.1	17.8 Ro~1I7mH15
P4526	C2015 01 27.37572 11 06 20.68 +07 21 35.3	19.4 Ro~1IR4H15
V0482	C2015 01 27.37572 11 08 13.08 +06 53 51.3	19.8 Ro~1ITdH15
M2305	C2015 01 27.37832 11 14 29.50 +03 11 34.5	19.7 Ro~1IP6H15
I3757	C2015 01 27.37832 11 15 44.32 +03 40 25.2	19.7 Ro~1IMoH15
H7251	C2015 01 27.37832 11 14 18.72 +03 30 18.3	19.5 Ro~1IMPH15
F6283	C2015 01 27.37832 11 15 04.89 +03 47 50.6	19.9 Ro~1IL1H15
E6870	C2015 01 27.37832 11 11 41.23 +03 45 57.4	19.2 Ro~1IKMH15
D7921	C2015 01 27.37832 11 14 30.17 +02 40 21.3	19.8 Ro~1IJkH15
C6064	C2015 01 27.37832 11 14 35.17 +02 23 17.9	19.1 Ro~1IIpH15
80899	C2015 01 27.37832 11 13 28.22 +02 49 31.0	20.0 Ro~1IF2H15
80726	C2015 01 27.37832 11 15 39.41 +03 29 06.7	19.7 Ro~1IF0H15
76959	C2015 01 27.37832 11 09 32.70 +03 37 51.1	19.3 Ro~1IEWH15
75465	C2015 01 27.37832 11 15 16.07 +03 04 32.3	20.0 Ro~1IENH15
74856	C2015 01 27.37832 11 13 56.70 +03 10 20.0	19.5 Ro~1IEIH15
53558	C2015 01 27.37832 11 14 29.44 +03 34 37.7	19.8 Ro~1ICTH15
78503	C2015 01 27.37832 11 12 40.30 +03 32 51.4	19.3 Ro~1IEjH15
G4152	C2015 01 27.37832 11 10 36.66 +02 32 21.9	19.9 Ro~1ILYH15
40915	C2015 01 27.37832 11 10 34.26 +02 27 30.7	19.3 Ro~1IBDH15
49800	C2015 01 27.37832 11 09 18.24 +03 19 18.2	19.4 Ro~1IC7H15
17957	C2015 01 27.37832 11 11 01.45 +03 28 25.1	19.0 Ro~1I8rH15
52204	C2015 01 27.37832 11 15 07.58 +03 34 35.6	20.5 Ro~1ICMH15
51470	C2015 01 27.37832 11 13 25.43 +03 49 07.4	19.1 Ro~1ICHH15
12017	C2015 01 27.37832 11 09 47.51 +02 54 38.5	19.0 Ro~1I8AH15
12748	C2015 01 27.37832 11 13 35.03 +03 42 43.8	17.3 Ro~1I8EH15
14200	C2015 01 27.37832 11 10 39.60 +03 36 22.4	17.3 Ro~1I8QH15
13768	C2015 01 27.37832 11 13 48.03 +03 20 26.3	19.8 Ro~1I8NH15
Q7946	C2015 01 27.37832 11 12 03.79 +02 42 58.9	19.7 Ro~1IRpH15
F8454	C2015 01 27.38337 11 11 11.82 +04 35 05.2	20.1 Ro~1ILBH15
F6304	C2015 01 27.38337 11 10 11.06 +05 10 15.0	20.5 Ro~1IL1H15
E1647	C2015 01 27.38337 11 13 28.78 +04 50 54.5	20.3 Ro~1IJyH15
40556	C2015 01 27.38337 11 15 57.37 +04 08 04.0	18.6 Ro~1IBAH15
83820	C2015 01 27.38337 11 13 49.78 +05 25 28.2	20.4 Ro~1IFKH15
76346	C2015 01 27.38337 11 14 23.51 +04 10 50.5	19.6 Ro~1IESH15
51597	C2015 01 27.38337 11 14 22.04 +05 00 56.4	19.7 Ro~1ICIH15
67547	C2015 01 27.38337 11 10 14.34 +04 55 05.7	18.9 Ro~1IDbH15
33150	C2015 01 27.38337 11 11 05.85 +05 31 58.7	18.6 Ro~1IAUH15
46830	C2015 01 27.38337 11 12 53.92 +04 44 05.9	19.4 Ro~1IBoH15
98054	C2015 01 27.38337 11 13 26.22 +04 41 42.8	20.2 Ro~1IGTH15
21419	C2015 01 27.38337 11 15 42.21 +05 33 02.0	18.9 Ro~1I9EH15
29880	C2015 01 27.38337 11 14 59.57 +04 44 45.8	20.2 Ro~1IA9H15
15812	C2015 01 27.38337 11 08 54.44 +05 35 11.1	19.2 Ro~1I8cH15
I0251	C2015 01 27.38337 11 14 36.17 +05 07 01.9	20.0 Ro~1IMZH15
11167	C2015 01 27.38337 11 09 05.38 +05 38 26.2	18.8 Ro~1I85H15
04694	C2015 01 27.38337 11 13 09.88 +04 31 27.9	18.1 Ro~1I7HH15
03903	C2015 01 27.38337 11 15 42.87 +04 58 20.4	17.0 Ro~1I7BH15
06190	C2015 01 27.38337 11 11 31.06 +04 14 23.4	18.5 Ro~1I7SH15
05169	C2015 01 27.38337 11 14 23.34 +05 44 33.2	17.8 Ro~1I7KH15
01003	C2015 01 27.38337 11 13 40.84 +05 41 17.4	15.1 Ro~1I6hH15
R1663	C2015 01 27.38337 11 13 52.57 +04 13 11.9	20.6 Ro~1IS9H15
L9296	C2015 01 27.38653 11 02 27.40 +07 13 17.9	19.8 Ro~1IOtH15
J3677	C2015 01 27.38653 11 02 40.93 +06 41 31.4	20.5 Ro~1INVH15
G7663	C2015 01 27.38653 11 03 50.18 +05 55 32.3	20.0 Ro~1ILnH15
50244	C2015 01 27.38653 11 07 28.84 +06 30 35.2	19.5 Ro~1ICAH15
E5689	C2015 01 27.38653 11 03 42.50 +05 50 52.5	19.2 Ro~1IKIH15
D4944	C2015 01 27.38653 11 04 01.05 +06 40 28.2	19.4 Ro~1IJQH15
C7811	C2015 01 27.38653 11 06 42.16 +06 21 21.8	19.9 Ro~1IIyH15
C3897	C2015 01 27.38653 11 03 05.38 +06 13 53.5	20.0 Ro~1IIhH15
A7378	C2015 01 27.38653 11 07 01.84 +05 52 37.0	19.3 Ro~1IHCH15
79163	C2015 01 27.38653 11 04 24.55 +07 24 08.9	19.2 Ro~1IEoH15
77025	C2015 01 27.38653 11 07 31.37 +06 21 54.6	19.5 Ro~1IEXH15
63213	C2015 01 27.38653 11 05 52.01 +06 31 26.3	19.7 Ro~1IDEH15
C1391	C2015 01 27.38653 11 02 47.61 +06 55 16.3	19.7 Ro~1IITH15
N3413	C2015 01 27.38653 11 05 55.32 +07 22 10.3	19.9 Ro~1IPyH15
82391	C2015 01 27.38653 11 05 21.78 +06 57 43.2	19.7 Ro~1IFAH15
22124	C2015 01 27.38653 11 05 59.21 +06 51 51.2	18.5 Ro~1I9IH15
36400	C2015 01 27.38653 11 02 53.11 +06 33 21.6	20.1 Ro~1IAmH15
34795	C2015 01 27.38653 11 08 57.18 +05 56 04.1	18.9 Ro~1IAdH15
21214	C2015 01 27.38653 11 06 57.21 +06 39 23.4	19.0 Ro~1I9CH15
A0718	C2015 01 27.38653 11 07 32.86 +05 52 57.5	19.0 Ro~1IGeH15
44595	C2015 01 27.38653 11 05 30.68 +07 25 29.3	19.3 Ro~1IBZH15
24511	C2015 01 27.38653 11 03 00.08 +06 31 31.3	19.5 Ro~1I9YH15
16224	C2015 01 27.38653 11 04 15.19 +06 03 29.9	19.3 Ro~1I8gH15
26334	C2015 01 27.38653 11 07 11.38 +07 26 54.5	19.7 Ro~1I9mH15
11283	C2015 01 27.38653 11 02 44.66 +06 43 13.9	18.6 Ro~1I86H15
07419	C2015 01 27.38653 11 07 32.69 +06 20 34.4	18.1 Ro~1I7dH15
10869	C2015 01 27.38653 11 07 47.27 +07 13 13.4	19.6 Ro~1I82H15
10425	C2015 01 27.38653 11 03 06.72 +05 58 00.2	18.1 Ro~1I7zH15
03213	C2015 01 27.38653 11 06 31.13 +06 51 55.9	18.6 Ro~1I74H15
06429	C2015 01 27.38653 11 07 36.02 +06 34 04.0	18.5 Ro~1I7UH15
06423	C2015 01 27.38653 11 07 30.96 +07 21 53.1	17.7 Ro~1I7UH15
11020	C2015 01 27.38653 11 03 08.15 +06 06 53.4	19.4 Ro~1I84H15
14145	C2015 01 27.38653 11 02 22.22 +05 59 45.4	19.8 Ro~1I8QH15
08515	C2015 01 27.38653 11 05 47.97 +07 25 30.3	17.9 Ro~1I7mH15
P4526	C2015 01 27.38653 11 06 20.55 +07 21 37.7	19.0 Ro~1IR4H15
V0482	C2015 01 27.38653 11 08 12.51 +06 53 46.2	19.9 Ro~1ITdH15
M2305	C2015 01 27.38916 11 14 29.22 +03 11 35.5	20.3 Ro~1IP6H15
I3757	C2015 01 27.38916 11 15 44.11 +03 40 20.4	19.8 Ro~1IMoH15
H7251	C2015 01 27.38916 11 14 18.48 +03 30 16.8	19.5 Ro~1IMPH15
F6283	C2015 01 27.38916 11 15 04.62 +03 47 53.4	19.7 Ro~1IL1H15
E6870	C2015 01 27.38916 11 11 40.88 +03 45 55.9	19.2 Ro~1IKMH15
D7921	C2015 01 27.38916 11 14 29.89 +02 40 21.0	20.3 Ro~1IJkH15
C6064	C2015 01 27.38916 11 14 34.97 +02 23 18.3	19.0 Ro~1IIpH15
80899	C2015 01 27.38916 11 13 27.94 +02 49 34.6	20.0 Ro~1IF2H15
80726	C2015 01 27.38916 11 15 39.25 +03 29 07.4	19.7 Ro~1IF0H15
76959	C2015 01 27.38916 11 09 32.45 +03 37 50.1	19.0 Ro~1IEWH15
75465	C2015 01 27.38916 11 15 15.79 +03 04 34.5	20.3 Ro~1IENH15
74856	C2015 01 27.38916 11 13 56.40 +03 10 22.3	19.5 Ro~1IEIH15
53558	C2015 01 27.38916 11 14 29.09 +03 34 39.7	19.8 Ro~1ICTH15
G4152	C2015 01 27.38916 11 10 36.33 +02 32 21.8	19.8 Ro~1ILYH15
40915	C2015 01 27.38916 11 10 34.02 +02 27 32.5	19.3 Ro~1IBDH15
78503	C2015 01 27.38916 11 12 40.08 +03 32 53.1	19.3 Ro~1IEjH15
49800	C2015 01 27.38916 11 09 17.95 +03 19 19.6	19.1 Ro~1IC7H15
17957	C2015 01 27.38916 11 11 01.04 +03 28 25.7	19.2 Ro~1I8rH15
52204	C2015 01 27.38916 11 15 07.35 +03 34 36.5	20.3 Ro~1ICMH15
51470	C2015 01 27.38916 11 13 25.30 +03 49 09.9	18.9 Ro~1ICHH15
12017	C2015 01 27.38916 11 09 47.15 +02 54 40.5	19.6 Ro~1I8AH15
12748	C2015 01 27.38916 11 13 34.44 +03 42 36.1	17.2 Ro~1I8EH15
14200	C2015 01 27.38916 11 10 39.37 +03 36 25.4	17.3 Ro~1I8QH15
13768	C2015 01 27.38916 11 13 47.75 +03 20 28.0	19.9 Ro~1I8NH15
Q7946	C2015 01 27.38916 11 12 03.52 +02 42 57.7	19.6 Ro~1IRpH15
F8454	C2015 01 27.39494 11 11 11.62 +04 35 10.7	20.0 Ro~1ILBH15
F6304	C2015 01 27.39494 11 10 10.66 +05 10 18.5	20.3 Ro~1IL2H15
E1647	C2015 01 27.39494 11 13 28.61 +04 50 57.1	19.9 Ro~1IJyH15
83820	C2015 01 27.39494 11 13 49.59 +05 25 30.5	20.3 Ro~1IFKH15
76346	C2015 01 27.39494 11 14 23.25 +04 10 51.3	20.0 Ro~1IESH15
51597	C2015 01 27.39494 11 14 21.69 +05 00 56.6	20.2 Ro~1ICIH15
67547	C2015 01 27.39494 11 10 14.06 +04 55 06.4	19.0 Ro~1IDbH15
40556	C2015 01 27.39494 11 15 57.16 +04 08 07.7	18.8 Ro~1IBAH15
33150	C2015 01 27.39494 11 11 05.59 +05 32 02.7	18.8 Ro~1IAUH15
46830	C2015 01 27.39494 11 12 53.53 +04 44 06.9	19.5 Ro~1IBoH15
98054	C2015 01 27.39494 11 13 25.89 +04 41 43.1	20.2 Ro~1IGTH15
21419	C2015 01 27.39494 11 15 42.04 +05 33 01.7	18.9 Ro~1I9EH15
29880	C2015 01 27.39494 11 14 59.35 +04 44 48.6	20.3 Ro~1IA9H15
15812	C2015 01 27.39494 11 08 54.05 +05 35 13.3	19.6 Ro~1I8cH15
I0251	C2015 01 27.39494 11 14 35.83 +05 07 01.6	20.0 Ro~1IMZH15
11167	C2015 01 27.39494 11 09 05.07 +05 38 29.4	19.1 Ro~1I85H15
03903	C2015 01 27.39494 11 15 42.62 +04 58 21.8	17.1 Ro~1I7BH15
06190	C2015 01 27.39494 11 11 30.79 +04 14 24.7	18.5 Ro~1I7SH15
05169	C2015 01 27.39494 11 14 23.00 +05 44 34.6	17.7 Ro~1I7KH15
04694	C2015 01 27.39494 11 13 09.57 +04 31 28.8	18.1 Ro~1I7HH15
01003	C2015 01 27.39494 11 13 40.60 +05 41 19.4	15.3 Ro~1I6hH15
R1663	C2015 01 27.39494 11 13 52.42 +04 13 18.8	20.3 Ro~1IS9H15
L9296	C2015 01 27.39744 11 02 27.16 +07 13 19.2	19.6 Ro~1IOtH15
J3677	C2015 01 27.39744 11 02 40.57 +06 41 34.6	20.0 Ro~1INVH15
G7663	C2015 01 27.39744 11 03 49.85 +05 55 34.9	20.0 Ro~1ILnH15
E5689	C2015 01 27.39744 11 03 42.20 +05 50 53.6	19.3 Ro~1IKIH15
D4944	C2015 01 27.39744 11 04 00.80 +06 40 32.2	19.7 Ro~1IJQH15
C3897	C2015 01 27.39744 11 03 05.06 +06 13 54.2	20.1 Ro~1IIhH15
C1391	C2015 01 27.39744 11 02 47.29 +06 55 16.5	19.9 Ro~1IITH15
A7378	C2015 01 27.39744 11 07 01.62 +05 52 44.5	19.0 Ro~1IHCH15
79163	C2015 01 27.39744 11 04 24.19 +07 24 09.4	18.6 Ro~1IEoH15
77025	C2015 01 27.39744 11 07 30.99 +06 21 54.2	19.3 Ro~1IEXH15
63213	C2015 01 27.39744 11 05 51.79 +06 31 29.2	19.6 Ro~1IDEH15
82391	C2015 01 27.39744 11 05 21.47 +06 57 46.3	20.0 Ro~1IFAH15
N3413	C2015 01 27.39744 11 05 55.13 +07 22 14.6	19.7 Ro~1IPyH15
A0718	C2015 01 27.39744 11 07 32.71 +05 53 00.7	18.4 Ro~1IGeH15
50244	C2015 01 27.39744 11 07 28.53 +06 30 38.0	19.6 Ro~1ICAH15
22124	C2015 01 27.39744 11 05 58.85 +06 51 54.3	18.3 Ro~1I9IH15
36400	C2015 01 27.39744 11 02 52.81 +06 33 25.2	19.9 Ro~1IAmH15
34795	C2015 01 27.39744 11 08 56.97 +05 56 06.2	19.0 Ro~1IAdH15

21214	C2015 01 27.39744 11 06 56.90 +06 39 24.9	19.2	Ro~lI9CH15	22963	C2015 01 27.41084 11 41 39.48 +00 56 23.2	19.0	Ro~lI9NH15
24511	C2015 01 27.39744 11 02 59.66 +06 31 34.3	19.4	Ro~lI9YH15	22028	C2015 01 27.41084 11 40 50.29 +01 34 43.3	18.8	Ro~lI9IH15
16224	C2015 01 27.39744 11 04 14.89 +06 03 32.2	19.0	Ro~lI8gH15	16414	C2015 01 27.41084 11 40 43.12 +01 47 32.7	18.6	Ro~lI8iH15
26334	C2015 01 27.39744 11 07 11.09 +07 26 57.0	19.5	Ro~lI9mH15	20112	C2015 01 27.41084 11 42 47.40 +01 22 25.4	18.7	Ro~lI94H15
11283	C2015 01 27.39744 11 02 44.28 +06 43 16.9	18.6	Ro~lI86H15	A0673	C2015 01 27.41084 11 40 06.30 +00 50 14.1	19.8	Ro~lIGeH15
07419	C2015 01 27.39744 11 07 32.24 +06 20 34.4	17.9	Ro~lI7dH15	11384	C2015 01 27.41084 11 40 32.87 +01 07 08.4	20.2	Ro~lI86H15
10869	C2015 01 27.39744 11 07 46.90 +07 13 14.2	19.2	Ro~lI82H15	11257	C2015 01 27.41084 11 40 00.48 +01 47 22.9	18.4	Ro~lI86H15
10425	C2015 01 27.39744 11 03 06.44 +05 58 01.8	18.1	Ro~lI7zH15	06702	C2015 01 27.41084 11 38 29.83 +02 04 54.9	18.2	Ro~lI7XH15
44595	C2015 01 27.39744 11 05 30.39 +07 25 33.4	19.3	Ro~lIBZH15	13765	C2015 01 27.41084 11 41 06.29 +00 50 33.2	19.0	Ro~lI8NH15
03213	C2015 01 27.39744 11 06 30.80 +06 51 58.0	18.3	Ro~lI74H15	08535	C2015 01 27.41084 11 40 05.93 +01 43 51.1	19.1	Ro~lI7mH15
06429	C2015 01 27.39744 11 07 35.65 +06 34 07.4	18.4	Ro~lI7UH15	02254	C2015 01 27.41084 11 43 32.41 +01 37 06.6	16.2	Ro~lI6vH15
06423	C2015 01 27.39744 11 07 30.62 +07 21 54.1	17.6	Ro~lI7UH15	f1611	C2015 01 27.41084 11 43 14.57 +02 13 48.9	18.4	Ro~lIWvH15
11020	C2015 01 27.39744 11 03 07.84 +06 06 56.1	18.8	Ro~lI84H15	U6826	C2015 01 27.41084 11 37 42.93 +01 54 12.8	19.2	Ro~lITZH15
C7811	C2015 01 27.39744 11 06 41.89 +06 21 24.0	19.8	Ro~lIIyH15	C3403	C2015 01 27.41425 11 42 36.93 +04 45 57.4	19.4	Ro~lIIdH15
14145	C2015 01 27.39744 11 02 21.96 +05 59 48.5	19.8	Ro~lI8QH15	A1524	C2015 01 27.41425 11 39 36.21 +03 58 32.5	20.2	Ro~lIGiH15
08515	C2015 01 27.39744 11 05 47.57 +07 25 30.3	17.9	Ro~lI7mH15	76288	C2015 01 27.41425 11 41 01.60 +05 34 02.1	19.2	Ro~lIERH15
P4526	C2015 01 27.39744 11 06 20.44 +07 21 40.0	18.9	Ro~lIR4H15	72368	C2015 01 27.41425 11 41 55.41 +04 06 50.1	19.4	Ro~lIE4H15
V0482	C2015 01 27.39744 11 08 11.92 +06 53 40.9	20.0	Ro~lITdH15	70823	C2015 01 27.41425 11 41 42.00 +04 31 41.0	19.6	Ro~lIDuH15
M2305	C2015 01 27.40003 11 14 29.01 +03 11 36.3	20.2	Ro~lIP6H15	68451	C2015 01 27.41425 11 40 39.36 +05 02 37.1	19.6	Ro~lIDhH15
I3757	C2015 01 27.40003 11 15 43.93 +03 40 16.8	19.6	Ro~lIMoH15	53398	C2015 01 27.41425 11 38 52.54 +05 10 48.8	19.5	Ro~lICTH15
F6283	C2015 01 27.40003 11 15 04.42 +03 47 54.9	19.8	Ro~lIL1H15	49836	C2015 01 27.41425 11 37 06.12 +05 40 49.9	19.4	Ro~lIC7H15
E6870	C2015 01 27.40003 11 11 40.55 +03 45 55.1	18.8	Ro~lIKMH15	46562	C2015 01 27.41425 11 40 46.33 +04 21 27.1	19.5	Ro~lIBmH15
D7921	C2015 01 27.40003 11 14 29.58 +02 40 21.5	19.8	Ro~lIJkH15	B9713	C2015 01 27.41425 11 40 43.93 +04 43 25.4	19.3	Ro~lIIMH15
C6064	C2015 01 27.40003 11 14 34.75 +02 23 18.0	18.9	Ro~lIIpH15	48785	C2015 01 27.41425 11 41 30.86 +04 37 20.3	19.1	Ro~lICOH15
80899	C2015 01 27.40003 11 13 27.63 +02 49 37.4	19.7	Ro~lIF2H15	40114	C2015 01 27.41425 11 42 51.82 +04 47 45.0	19.3	Ro~lIB7H15
80726	C2015 01 27.40003 11 15 39.02 +03 29 08.9	20.2	Ro~lIF0H15	78513	C2015 01 27.41425 11 43 19.90 +04 31 32.6	19.2	Ro~lIEjH15
76959	C2015 01 27.40003 11 09 32.24 +03 37 50.3	19.0	Ro~lIEWH15	21829	C2015 01 27.41425 11 36 55.48 +05 26 35.3	19.6	Ro~lI9GH15
75465	C2015 01 27.40003 11 15 15.47 +03 04 36.0	19.7	Ro~lIENH15	18705	C2015 01 27.41425 11 38 33.95 +04 05 41.8	19.5	Ro~lI8vH15
74856	C2015 01 27.40003 11 13 56.19 +03 10 25.0	19.6	Ro~lIEIH15	67403	C2015 01 27.41425 11 37 37.27 +04 58 29.6	19.1	Ro~lIDaH15
53558	C2015 01 27.40003 11 14 28.84 +03 34 41.0	19.7	Ro~lICTH15	14271	C2015 01 27.41425 11 39 07.76 +04 42 54.3	17.8	Ro~lI8RH15
G4152	C2015 01 27.40003 11 10 36.05 +02 32 21.6	20.0	Ro~lILYH15	G7614	C2015 01 27.41678 11 50 09.89 +01 33 54.3	20.0	Ro~lILnH15
40915	C2015 01 27.40003 11 10 33.68 +02 27 33.8	19.6	Ro~lIBDH15	80728	C2015 01 27.41678 11 47 14.02 +01 19 55.9	19.5	Ro~lIF0H15
78503	C2015 01 27.40003 11 12 39.86 +03 32 54.8	19.2	Ro~lIEjH15	76799	C2015 01 27.41678 11 46 11.44 +02 08 18.5	18.3	Ro~lIEVH15
49800	C2015 01 27.40003 11 09 17.76 +03 19 21.8	19.1	Ro~lIC7H15	67001	C2015 01 27.41678 11 46 11.95 +00 51 31.2	19.7	Ro~lIDYH15
H7251	C2015 01 27.40003 11 14 18.28 +03 30 15.0	19.6	Ro~lIMPH15	26246	C2015 01 27.41678 11 44 19.04 +01 14 49.7	19.6	Ro~lI9mH15
17957	C2015 01 27.40003 11 11 00.64 +03 28 26.4	19.2	Ro~lI8rH15	36893	C2015 01 27.41678 11 46 43.68 +00 50 43.5	19.6	Ro~lIApH15
52204	C2015 01 27.40003 11 15 07.16 +03 34 38.7	19.9	Ro~lICMH15	20141	C2015 01 27.41678 11 50 37.52 +01 33 22.6	19.3	Ro~lI94H15
51470	C2015 01 27.40003 11 13 25.13 +03 49 11.3	19.0	Ro~lICHH15	27015	C2015 01 27.41678 11 48 00.73 +02 00 10.2	18.7	Ro~lI9rH15
12017	C2015 01 27.40003 11 09 46.79 +02 54 42.3	18.9	Ro~lI8AH15	16347	C2015 01 27.41678 11 45 54.13 +02 04 39.1	19.4	Ro~lI8hH15
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13768	C2015 01 27.40003 11 13 47.51 +03 20 29.7	20.0	Ro~lI8NH15	02498	C2015 01 27.41678 11 45 57.65 +01 11 25.9	16.6	Ro~lI6xH15
Q7946	C2015 01 27.40003 11 12 03.26 +02 42 57.3	19.7	Ro~lIRpH15	P7788	C2015 01 27.41678 11 47 36.98 +02 14 06.0	19.2	Ro~lIRAH15
F8454	C2015 01 27.40578 11 11 11.41 +04 35 15.2	19.7	Ro~lILBH15	M2741	C2015 01 27.41968 11 25 09.02 +01 54 04.0	19.6	Ro~lIP9H15
F6304	C2015 01 27.40578 11 10 10.31 +05 10 19.6	20.1	Ro~lIL2H15	G4771	C2015 01 27.41968 11 25 27.52 +01 41 53.4	20.2	Ro~lILaH15
E1647	C2015 01 27.40578 11 13 28.53 +04 51 00.4	20.2	Ro~lIJyH15	23925	C2015 01 27.41968 11 28 17.31 +01 03 22.9	18.4	Ro~lI9VH15
83820	C2015 01 27.40578 11 13 49.31 +05 25 32.2	20.2	Ro~lIFKH15	25909	C2015 01 27.41968 11 29 19.46 +01 26 04.6	19.7	Ro~lI9jH15
76346	C2015 01 27.40578 11 14 22.96 +04 10 50.8	19.6	Ro~lIESH15	B5227	C2015 01 27.41968 11 27 59.65 +01 19 22.3	19.4	Ro~lIHxH15
51597	C2015 01 27.40578 11 14 21.37 +05 00 57.0	19.7	Ro~lICIH15	98704	C2015 01 27.41968 11 27 39.89 +02 04 50.3	18.5	Ro~lIGVH15
67547	C2015 01 27.40578 11 10 13.80 +04 55 06.0	18.9	Ro~lIDbH15	63591	C2015 01 27.41968 11 29 41.67 +01 35 51.5	19.8	Ro~lIDGH15
40556	C2015 01 27.40578 11 15 56.95 +04 08 09.9	18.7	Ro~lIBAH15	27812	C2015 01 27.41968 11 25 59.35 +01 34 34.1	18.4	Ro~lI9wH15
33150	C2015 01 27.40578 11 11 05.33 +05 32 06.5	18.6	Ro~lIAUH15	D6084	C2015 01 27.41968 11 23 55.47 +01 32 16.2	19.8	Ro~lIJWH15
46830	C2015 01 27.40578 11 12 53.12 +04 44 07.6	19.3	Ro~lIBoH15	23631	C2015 01 27.41968 11 25 20.20 +01 37 41.3	18.9	Ro~lI9TH15
98054	C2015 01 27.40578 11 13 25.58 +04 41 44.5	20.2	Ro~lIGTH15	16830	C2015 01 27.41968 11 27 49.76 +00 58 21.6	19.5	Ro~lI81H15
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29880	C2015 01 27.40578 11 14 59.06 +04 44 49.8	20.2	Ro~lIA9H15	15926	C2015 01 27.41968 11 27 22.12 +02 04 42.6	19.9	Ro~lI8eH15
15812	C2015 01 27.40578 11 08 53.76 +05 35 16.7	19.2	Ro~lI8cH15	K6770	C2015 01 27.41968 11 25 04.28 +01 36 52.8	20.3	Ro~lIOKH15
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06190	C2015 01 27.40578 11 11 30.55 +04 14 25.6	18.6	Ro~lI7SH15	05644	C2015 01 27.41968 11 26 03.03 +00 58 48.7	17.2	Ro~lI7OH15
11167	C2015 01 27.40578 11 09 04.78 +05 38 33.1	19.0	Ro~lI85H15	69458	C2015 01 27.41968 11 24 34.85 +01 27 49.2	20.0	Ro~lIDmH15
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R1663	C2015 01 27.40578 11 13 52.24 +04 13 25.2	20.3	Ro~lIS9H15	96915	C2015 01 27.42224 11 41 38.05 +01 27 30.9	19.8	Ro~lIGNH15
M2741	C2015 01 27.40832 11 25 09.68 +01 54 12.9	19.3	Ro~lIP9H15	92995	C2015 01 27.42224 11 37 38.17 +00 57 08.7	19.7	Ro~lIG4H15
G4771	C2015 01 27.40832 11 25 27.75 +01 41 53.7	19.4	Ro~lILaH15	79162	C2015 01 27.42224 11 42 07.63 +02 08 15.8	19.7	Ro~lIEoH15
23925	C2015 01 27.40832 11 28 17.51 +01 03 22.1	18.3	Ro~lI9VH15	34254	C2015 01 27.42224 11 40 08.92 +01 02 05.4	19.9	Ro~lIAaH15
25909	C2015 01 27.40832 11 29 19.81 +01 26 04.6	19.1	Ro~lI9jH15	54770	C2015 01 27.42224 11 37 11.35 +00 45 22.7	20.0	Ro~lICaH15
B5227	C2015 01 27.40832 11 27 59.77 +01 19 19.9	19.5	Ro~lIHxH15	52306	C2015 01 27.42224 11 38 36.87 +00 47 10.8	19.2	Ro~lICNH15
98704	C2015 01 27.40832 11 27 40.13 +02 04 52.2	18.4	Ro~lIGVH15	46732	C2015 01 27.42224 11 37 38.45 +01 57 05.8	19.3	Ro~lIBnH15
63591	C2015 01 27.40832 11 29 41.98 +01 35 49.6	19.7	Ro~lIDGH15	32546	C2015 01 27.42224 11 39 05.95 +02 08 35.2	19.0	Ro~lIARH15
27812	C2015 01 27.40832 11 25 59.52 +01 34 33.8	18.4	Ro~lI9wH15	43025	C2015 01 27.42224 11 41 59.72 +00 59 50.8	19.3	Ro~lIBQH15
D6084	C2015 01 27.40832 11 23 55.83 +01 32 19.9	19.6	Ro~lIJWH15	38694	C2015 01 27.42224 11 41 49.80 +00 45 24.4	18.9	Ro~lIAzH15
23631	C2015 01 27.40832 11 25 20.54 +01 37 41.8	18.5	Ro~lI9TH15	78628	C2015 01 27.42224 11 39 11.39 +01 28 09.0	19.8	Ro~lIEkH15
16830	C2015 01 27.40832 11 27 50.04 +00 58 21.3	19.5	Ro~lI81H15	22963	C2015 01 27.42224 11 41 39.21 +00 56 23.1	19.1	Ro~lI9NH15
18830	C2015 01 27.40832 11 24 34.62 +00 30 08.6	18.7	Ro~lI8wH15	22028	C2015 01 27.42224 11 40 50.01 +01 34 42.0	19.3	Ro~lI9IH15
15926	C2015 01 27.40832 11 27 22.45 +02 04 40.9	19.4	Ro~lI8eH15	16414	C2015 01 27.42224 11 40 42.80 +01 47 32.7	19.2	Ro~lI8iH15
02413	C2015 01 27.40832 11 23 38.00 +01 33 12.6	16.9	Ro~lI6wH15	20112	C2015 01 27.42224 11 42 47.36 +01 22 29.6	19.6	Ro~lI94H15
K6770	C2015 01 27.40832 11 25 04.54 +01 36 56.0	20.4	Ro~lIOKH15	A0673	C2015 01 27.42224 11 40 06.12 +00 50 14.7	19.4	Ro~lIGeH15
08988	C2015 01 27.40832 11 29 34.65 +00 58 00.1	19.3	Ro~lI7pH15	11384	C2015 01 27.42224 11 40 32.61 +01 07 11.6	19.7	Ro~lI86H15
05644	C2015 01 27.40832 11 26 03.20 +00 58 45.4	17.2	Ro~lI7OH15	11257	C2015 01 27.42224 11 40 00.28 +01 47 25.8	19.1	Ro~lI86H15
69458	C2015 01 27.40832 11 24 35.13 +01 27 48.0	20.0	Ro~lIDmH15	06702	C2015 01 27.42224 11 38 29.66 +02 04 56.8	18.2	Ro~lI7XH15
12980	C2015 01 27.40832 11 25 30.12 +00 46 52.6	19.9	Ro~lI8GH15	A2115	C2015 01 27.42224 11 43 33.28 +01 26 02.1	19.8	Ro~lIGnH15
Q5009	C2015 01 27.40832 11 25 06.07 +01 32 20.3	20.1	Ro~lIRaH15	13765	C2015 01 27.42224 11 41 06.12 +00 50 34.1	19.2	Ro~lI8NH15
22530	C2015 01 27.41084 11 40 32.36 +02 09 53.9	19.0	Ro~lI9LH15	08535	C2015 01 27.42224 11 40 05.77 +01 43 52.0	19.0	Ro~lI7mH15
43025	C2015 01 27.41084 11 41 59.98 +00 59 50.1	19.3	Ro~lIBQH15	02254	C2015 01 27.42224 11 43 32.20 +01 37 06.6	16.4	Ro~lI6vH15
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79162	C2015 01 27.41084 11 42 07.50 +02 08 12.4	18.9	Ro~lIEoH15	C3403	C2015 01 27.42506 11 42 36.69 +04 45 58.3	19.8	Ro~lIIdH15
34254	C2015 01 27.41084 11 40 09.17 +01 02 03.2	19.6	Ro~lIAaH15	A1524	C2015 01 27.42506 11 39 35.91 +03 58 34.6	19.6	Ro~lIGiH15
54770	C2015 01 27.41084 11 37 11.52 +00 45 19.7	20.0	Ro~lICaH15	76288	C2015 01 27.42506 11 41 01.49 +05 34 05.1	20.0	Ro~lIERH15
52306	C2015 01 27.41084 11 38 37.07 +00 47 10.2	19.5	Ro~lICNH15	72368	C2015 01 27.42506 11 41 55.21 +04 06 50.4	19.3	Ro~lIE4H15
46732	C2015 01 27.41084 11 37 38.60 +01 57 04.2	19.1	Ro~lIBnH15	70823	C2015 01 27.42506 11 41 41.84 +04 31 43.8	19.6	Ro~lIDuH15
32546	C2015 01 27.41084 11 39 06.18 +02 08 33.3	19.0	Ro~lIARH15	68451	C2015 01 27.42506 11 40 39.25 +05 02 39.4	20.1	Ro~lIDhH15
38694	C2015 01 27.41084 11 41 50.01 +00 45 24.7	19.1	Ro~lIAzH15	53398	C2015 01 27.42506 11 38 52.43 +05 10 51.6	19.8	Ro~lICTH15
78628	C2015 01 27.41084 11 39 11.66 +01 28 07.9	19.4	Ro~lIEkH15	49836	C2015 01 27.42506 11 37 06.08 +05 40 52.6	19.3	Ro~lIC7H15

46562 C2015 01 27.42506 11 40 46.11 +04 21 29.2	19.4 Ro~1IBmH15	02498 C2015 01 27.43977 11 45 57.33 +01 11 27.4	16.6 Ro~1I6xH15
B9713 C2015 01 27.42506 11 40 43.94 +04 43 29.1	20.0 Ro~1IIMH15	P7788 C2015 01 27.43977 11 47 36.48 +02 14 03.6	19.0 Ro~1IRAH15
48785 C2015 01 27.42506 11 41 30.67 +04 37 21.4	18.9 Ro~1IC0H15	30189 C2015 01 28.08313 06 04 41.88 +09 52 13.7	18.2 Ro~1IABH15
40114 C2015 01 27.42506 11 42 51.66 +04 47 47.9	19.2 Ro~1IB7H15	67387 C2015 01 28.08313 06 04 31.22 +11 20 18.6	18.6 Ro~1IDaH15
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21829 C2015 01 27.42506 11 36 55.30 +05 26 39.0	20.0 Ro~1I9GH15	09737 C2015 01 28.08313 06 02 18.09 +10 49 25.5	18.2 Ro~1I7vH15
18705 C2015 01 27.42506 11 38 33.68 +04 05 43.8	19.6 Ro~1I8vH15	C3070 C2015 01 28.08571 06 04 50.48 +11 33 15.8	18.5 Ro~1IIbH15
67403 C2015 01 27.42506 11 37 37.07 +04 58 30.6	19.0 Ro~1IDaH15	47919 C2015 01 28.08571 06 04 39.44 +12 09 35.2	18.7 Ro~1IBvH15
14271 C2015 01 27.42506 11 39 07.59 +04 42 56.1	17.8 Ro~1I8RH15	81700 C2015 01 28.08571 06 08 14.46 +11 36 38.5	18.8 Ro~1IF6H15
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80728 C2015 01 27.42806 11 47 13.81 +01 19 58.5	19.7 Ro~1IF0H15	01441 C2015 01 28.08571 06 05 26.52 +12 40 16.6	17.2 Ro~1I6mH15
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67001 C2015 01 27.42806 11 46 11.79 +00 51 30.5	19.6 Ro~1IDYH15	15819 C2015 01 28.08571 06 07 34.62 +13 06 15.7	18.5 Ro~1I8cH15
26246 C2015 01 27.42806 11 44 18.78 +01 14 52.4	19.5 Ro~1I9mH15	E9835 C2015 01 28.08571 06 04 05.57 +11 36 06.9	19.0 Ro~1IKaH15
36893 C2015 01 27.42806 11 46 43.41 +00 50 44.9	19.8 Ro~1IApH15	03469 C2015 01 28.08571 06 06 43.85 +12 22 10.3	16.6 Ro~1I76H15
20141 C2015 01 27.42806 11 50 37.34 +01 33 21.7	19.0 Ro~1I94H15	J8820 C2015 01 28.08829 06 03 17.64 +14 44 52.2	19.0 Ro~1INqH15
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16347 C2015 01 27.42806 11 45 53.93 +02 04 40.8	19.7 Ro~1I8hH15	A2386 C2015 01 28.08829 06 04 37.61 +14 30 14.8	19.0 Ro~1IGpH15
14246 C2015 01 27.42806 11 45 35.49 +00 31 58.7	19.4 Ro~1I8RH15	28900 C2015 01 28.08829 06 04 06.16 +14 08 17.6	18.2 Ro~1IA4H15
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02498 C2015 01 27.42806 11 45 57.49 +01 11 26.7	16.6 Ro~1I6xH15	46350 C2015 01 28.08829 06 02 41.56 +14 05 16.7	19.0 Ro~1IBkH15
P7788 C2015 01 27.42806 11 47 36.72 +02 14 05.0	19.2 Ro~1IRAH15	75063 C2015 01 28.08829 06 02 23.62 +13 29 53.6	18.3 Ro~1IEKH15
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G4771 C2015 01 27.43110 11 25 27.28 +01 41 53.8	19.8 Ro~1ILaH15	27030 C2015 01 28.08829 06 07 47.51 +14 56 47.0	18.7 Ro~1I9rH15
23925 C2015 01 27.43110 11 28 17.12 +01 03 23.4	18.7 Ro~1I9VH15	30189 C2015 01 28.09337 06 04 41.48 +09 52 14.6	18.3 Ro~1IABH15
25909 C2015 01 27.43110 11 29 19.02 +01 26 04.2	19.6 Ro~1I9jH15	67387 C2015 01 28.09337 06 04 30.90 +11 20 22.2	18.7 Ro~1IDaH15
B5227 C2015 01 27.43110 11 27 59.49 +01 19 25.0	19.9 Ro~1IHxH15	11563 C2015 01 28.09337 06 04 50.51 +10 36 00.8	18.5 Ro~1I88H15
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63591 C2015 01 27.43110 11 29 41.47 +01 35 52.2	20.5 Ro~1IDGH15	47919 C2015 01 28.09655 06 04 39.15 +12 09 36.7	19.1 Ro~1IBvH15
27812 C2015 01 27.43110 11 25 59.19 +01 34 35.3	18.6 Ro~1I9wH15	C3070 C2015 01 28.09655 06 04 50.26 +11 33 20.6	18.6 Ro~1IIbH15
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12980 C2015 01 27.43110 11 25 29.52 +00 46 57.2	20.1 Ro~1I8GH15	A2386 C2015 01 28.09910 06 04 37.28 +14 30 17.8	19.3 Ro~1IGpH15
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75558	C2015 01 28.12021 06 12 44.56 +10 35 09.1	18.3 Ro~lIEOH15	O4517	C2015 01 28.14281 06 14 33.99 +10 19 17.3	19.2 Ro~lIQeH15
25166	C2015 01 28.12021 06 12 51.65 +09 47 48.8	19.2 Ro~lI9dH15	F3132	C2015 01 28.14281 06 12 01.63 +10 34 02.5	18.7 Ro~lIKnH15
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19698	C2015 01 28.12021 06 09 40.58 +10 46 55.8	17.4 Ro~lI91H15	75558	C2015 01 28.14281 06 12 43.85 +10 35 13.3	18.2 Ro~lIEOH15
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69069	C2015 01 28.12276 06 10 48.42 +12 49 57.3	17.6 Ro~lIDkH15	25868	C2015 01 28.14536 06 14 49.95 +12 01 00.2	18.8 Ro~lI9jH15
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41681	C2015 01 28.12276 06 14 24.84 +11 42 49.0	18.9 Ro~lIBHH15	51026	C2015 01 28.14536 06 08 50.21 +12 05 47.1	18.9 Ro~lICEH15
42237	C2015 01 28.12276 06 15 01.31 +12 19 05.6	18.9 Ro~lIBLH15	43863	C2015 01 28.14536 06 13 22.84 +12 09 31.2	17.5 Ro~lIBUH15
30369	C2015 01 28.12276 06 12 59.80 +11 35 08.9	18.5 Ro~lIACH15	77846	C2015 01 28.14536 06 12 25.48 +12 32 03.7	19.3 Ro~lIEdH15
19049	C2015 01 28.12276 06 14 16.34 +13 14 41.3	17.9 Ro~lI8xH15	41681	C2015 01 28.14536 06 14 24.09 +11 42 50.7	19.2 Ro~lIBHH15
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B4440	C2015 01 28.12685 06 02 40.29 +18 02 18.2	18.7 Ro~lIHtH15	27091	C2015 01 28.14536 06 09 12.14 +12 16 07.9	18.7 Ro~lI9rH15
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87100	C2015 01 28.12685 06 05 55.69 +18 05 24.1	18.7 Ro~lIFaH15	22897	C2015 01 28.14884 06 14 02.58 +13 53 46.1	17.9 Ro~lI9NH15
85215	C2015 01 28.12685 06 03 03.83 +17 47 36.4	19.3 Ro~lIFUH15	D3555	C2015 01 28.14884 06 13 15.96 +14 40 42.3	19.5 Ro~lIJJH15
62306	C2015 01 28.12685 06 06 25.33 +16 57 11.1	19.7 Ro~lIDAH15	61102	C2015 01 28.14884 06 15 04.10 +14 19 15.0	19.1 Ro~lID4H15
B4339	C2015 01 28.12685 06 04 51.79 +18 05 14.9	19.5 Ro~lIHsH15	D4567	C2015 01 28.14884 06 10 27.04 +13 18 06.8	19.5 Ro~lIJOH15
26794	C2015 01 28.12685 06 02 36.51 +17 10 20.0	18.4 Ro~lI9pH15	25583	C2015 01 28.14884 06 14 39.83 +14 40 01.2	17.3 Ro~lI9gH15
20577	C2015 01 28.12685 06 04 32.36 +16 51 56.6	18.6 Ro~lI97H15	56688	C2015 01 28.14884 06 14 11.99 +14 34 51.7	19.0 Ro~lICkH15
05406	C2015 01 28.12685 06 04 24.65 +16 51 41.5	16.8 Ro~lI7MH15	32404	C2015 01 28.14884 06 11 58.12 +14 52 08.6	17.7 Ro~lIAPH15
10750	C2015 01 28.12685 06 06 32.66 +17 09 36.0	18.5 Ro~lI81H15	48029	C2015 01 28.14884 06 12 43.11 +14 05 17.6	19.4 Ro~lIBvH15
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F0756	C2015 01 28.12945 06 00 34.27 +20 04 54.8	18.8 Ro~lIKdH15	H8844	C2015 01 28.15137 06 12 32.64 +15 17 28.9	19.3 Ro~lIMWH15
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A7195	C2015 01 28.12945 06 02 40.45 +18 59 03.4	18.7 Ro~lIHCH15	71349	C2015 01 28.15137 06 10 09.56 +16 38 28.2	18.2 Ro~lIDwH15
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96912	C2015 01 28.12945 06 05 21.10 +18 51 02.2	19.2 Ro~lIGNH15	50361	C2015 01 28.15137 06 10 02.77 +15 26 02.1	19.2 Ro~lICAH15
44476	C2015 01 28.12945 06 05 04.05 +19 51 04.9	18.7 Ro~lIBYH15	24343	C2015 01 28.15137 06 08 54.96 +16 21 12.2	18.6 Ro~lI9XH15
84046	C2015 01 28.12945 06 06 27.11 +19 56 34.8	19.6 Ro~lIFMH15	26058	C2015 01 28.15137 06 11 14.60 +14 58 11.6	18.6 Ro~lI9kH15
59577	C2015 01 28.12945 06 02 27.53 +19 51 19.9	18.4 Ro~lICxH15	B3795	C2015 01 28.15137 06 13 01.10 +16 19 34.8	18.9 Ro~lIHpH15
24100	C2015 01 28.12945 06 00 25.57 +19 00 02.8	18.4 Ro~lI9WH15	43417	C2015 01 28.15137 06 10 22.24 +16 39 53.8	18.7 Ro~lIBRH15
22800	C2015 01 28.12945 06 00 30.29 +20 04 45.5	19.1 Ro~lI9MH15	16001	C2015 01 28.15137 06 13 01.70 +16 40 41.5	19.3 Ro~lI8eH15
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00527	C2015 01 28.12945 06 02 22.43 +19 05 51.1	15.3 Ro~lI6cH15	10559	C2015 01 28.15137 06 14 32.76 +15 40 53.0	19.2 Ro~lI80H15
00294	C2015 01 28.12945 06 03 51.34 +18 38 45.3	16.2 Ro~lI6ZH15	07080	C2015 01 28.15137 06 14 48.91 +15 38 03.2	18.9 Ro~lI7aH15
O4517	C2015 01 28.13196 06 14 34.32 +10 19 18.4	19.1 Ro~lIQeH15	07159	C2015 01 28.15137 06 10 34.11 +16 13 03.1	17.9 Ro~lI7bH15
F3132	C2015 01 28.13196 06 12 01.94 +10 33 56.9	18.6 Ro~lIKnH15	U7521	C2015 01 28.15137 06 13 59.31 +15 29 35.2	19.4 Ro~lITaH15
B2815	C2015 01 28.13196 06 11 15.42 +10 46 38.0	19.1 Ro~lIHjH15	A2244	C2015 01 28.15394 06 11 13.32 +17 43 24.7	19.0 Ro~lIGoH15
75558	C2015 01 28.13196 06 12 44.17 +10 35 11.0	18.4 Ro~lIEOH15	76780	C2015 01 28.15394 06 15 05.42 +16 56 47.3	19.4 Ro~lIEVH15
25166	C2015 01 28.13196 06 12 51.23 +09 47 50.0	19.1 Ro~lI9dH15	66995	C2015 01 28.15394 06 13 45.46 +18 19 59.2	19.1 Ro~lIDYH15
57908	C2015 01 28.13196 06 09 17.16 +09 52 32.6	19.0 Ro~lICqH15	46361	C2015 01 28.15394 06 10 50.46 +18 24 00.2	18.6 Ro~lIBkH15
19698	C2015 01 28.13196 06 09 40.12 +10 46 57.5	17.4 Ro~lI91H15	54325	C2015 01 28.15394 06 09 58.80 +17 38 19.1	19.9 Ro~lICXH15
25868	C2015 01 28.13447 06 14 50.39 +12 00 56.4	18.7 Ro~lI9iH15	80561	C2015 01 28.15394 06 15 25.85 +17 16 01.9	18.9 Ro~lIEzH15
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80619	C2015 01 28.13447 06 14 53.64 +12 49 39.2	19.0 Ro~lIEzH15	35266	C2015 01 28.15394 06 14 40.48 +17 35 11.3	19.4 Ro~lIAgH15
69069	C2015 01 28.13447 06 10 48.12 +12 50 04.3	17.5 Ro~lIDkH15	79044	C2015 01 28.15394 06 11 50.71 +17 26 00.9	18.6 Ro~lIEnH15
59562	C2015 01 28.13447 06 12 04.33 +12 50 14.2	19.5 Ro~lICxH15	25062	C2015 01 28.15394 06 13 52.55 +17 16 57.4	19.8 Ro~lI9cH15
62111	C2015 01 28.13447 06 14 00.50 +11 30 41.4	17.7 Ro~lID9H15	26350	C2015 01 28.15394 06 14 50.00 +17 50 59.1	19.0 Ro~lI9mH15
51026	C2015 01 28.13447 06 08 50.65 +12 05 46.2	19.2 Ro~lICEH15	10567	C2015 01 28.15394 06 10 28.35 +17 28 15.2	17.9 Ro~lI80H15
43863	C2015 01 28.13447 06 13 23.10 +12 09 24.8	17.6 Ro~lIBUH15	12020	C2015 01 28.15394 06 08 57.10 +17 06 42.2	17.2 Ro~lI8AH15
77846	C2015 01 28.13447 06 12 25.83 +12 32 03.6	19.4 Ro~lIEdH15	E7865	C2015 01 28.15648 06 15 10.52 +18 33 51.0	19.4 Ro~lIKRH15
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42237	C2015 01 28.13447 06 15 00.97 +12 19 07.2	19.1 Ro~lIBLH15	74425	C2015 01 28.15648 06 12 49.21 +19 10 23.1	18.8 Ro~lIEEH15
19049	C2015 01 28.13447 06 14 15.97 +13 14 43.2	18.3 Ro~lI8xH15	68082	C2015 01 28.15648 06 08 19.93 +19 00 07.0	18.3 Ro~lIDfH15
30369	C2015 01 28.13447 06 12 59.36 +11 35 11.4	18.7 Ro~lIACH15	A2992	C2015 01 28.15648 06 14 26.00 +19 49 10.5	18.4 Ro~lIGsH15
30697	C2015 01 28.13447 06 11 17.16 +11 29 42.6	18.1 Ro~lIAFH15	B7320	C2015 01 28.15648 06 12 41.26 +19 53 26.6	19.7 Ro~lIIAH15
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27091	C2015 01 28.13447 06 09 12.63 +12 16 07.1	18.7 Ro~lI9rH15	31053	C2015 01 28.15648 06 09 41.36 +18 25 20.6	19.0 Ro~lIAGH15
O7505	C2015 01 28.13447 06 10 47.91 +12 32 14.6	19.1 Ro~lIQnH15	04314	C2015 01 28.15648 06 13 35.21 +19 24 06.4	17.9 Ro~lI7EH15
F1748	C2015 01 28.13759 06 02 29.16 +18 12 06.5	19.4 Ro~lIKjH15	05599	C2015 01 28.15648 06 13 38.90 +19 03 18.8	16.0 Ro~lI7NH15
B4440	C2015 01 28.13759 06 02 39.96 +18 02 23.0	18.6 Ro~lIHtH15	00937	C2015 01 28.15648 06 07 36.24 +19 49 04.8	16.0 Ro~lI6gH15
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87100	C2015 01 28.13759 06 05 55.23 +18 05 23.5	18.8 Ro~lIFaH15	22897	C2015 01 28.15972 06 14 02.17 +13 53 47.7	17.9 Ro~lI9NH15
85215	C2015 01 28.13759 06 03 03.54 +17 47 38.5	19.2 Ro~lIFUH15	D3555	C2015 01 28.15972 06 13 15.63 +14 40 44.4	19.3 Ro~lIJJH15
62306	C2015 01 28.13759 06 06 24.98 +16 57 12.9	19.9 Ro~lIDAH15	61102	C2015 01 28.15972 06 15 03.74 +14 19 14.4	19.0 Ro~lID4H15
26794	C2015 01 28.13759 06 02 36.09 +17 10 23.1	18.4 Ro~lI9pH15	D4567	C2015 01 28.15972 06 10 26.72 +13 18 09.1	19.1 Ro~lIJOH15
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13305	C2015 01 29.20786 07 24 29.64 +14 34 14.2	18.7 Ro~1I8JH15
04215	C2015 01 29.20786 07 22 20.21 +14 23 00.5	16.3 Ro~1I7DH15
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27088	C2015 01 29.21037 07 24 28.62 +17 39 13.6	18.4 Ro~1I9rH15
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65919	C2015 01 29.21572 07 22 08.92 +16 17 30.4	18.1 Ro~1IDRH15
65324	C2015 01 29.21572 07 29 19.67 +15 57 22.2	19.5 Ro~1IDOH15
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02602	C2015 01 29.21572 07 27 00.32 +15 57 53.2	16.4 Ro~1I6yH15
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88517	C2015 01 29.22124 07 26 16.57 +17 58 41.7	19.1 Ro~1IFmH15
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D1571	C2015 01 29.22904 07 25 59.17 +19 42 04.9	18.7 Ro~1IJCH15
45262	C2015 01 29.22904 07 25 34.01 +19 16 10.5	19.0 Ro~1IBeH15
30588	C2015 01 29.22904 07 22 55.31 +19 03 55.4	18.3 Ro~1IAEH15
20370	C2015 01 29.22904 07 28 17.11 +19 17 39.1	17.3 Ro~1I96H15
17974	C2015 01 29.22904 07 25 24.69 +19 05 25.4	18.3 Ro~1I8rH15
B9600	C2015 01 29.22904 07 26 01.95 +19 45 46.2	19.1 Ro~1IILH15
02635	C2015 01 29.22904 07 29 39.43 +18 58 37.3	16.0 Ro~1I6yH15
K3754	C2015 01 29.23207 07 27 37.87 +16 52 43.4	19.5 Ro~1IO9H15
E7199	C2015 01 29.23207 07 24 30.40 +16 36 55.7	19.1 Ro~1IKOH15
C2318	C2015 01 29.23207 07 29 23.92 +17 54 03.8	18.9 Ro~1IIWH15
B2429	C2015 01 29.23207 07 25 41.69 +18 03 04.2	19.4 Ro~1IHgH15
A2556	C2015 01 29.23207 07 27 00.94 +17 37 14.3	19.4 Ro~1IGqH15
95552	C2015 01 29.23207 07 27 31.86 +17 22 34.6	20.3 Ro~1IGIH15
88517	C2015 01 29.23207 07 26 15.97 +17 58 45.5	19.1 Ro~1IFmH15
48961	C2015 01 29.23207 07 28 55.96 +16 41 55.5	18.8 Ro~1IC1H15
51914	C2015 01 29.23207 07 27 49.68 +17 38 18.5	18.1 Ro~1ICLH15
39842	C2015 01 29.23207 07 24 29.59 +17 10 34.2	18.0 Ro~1IB6H15
38894	C2015 01 29.23207 07 23 48.69 +17 19 01.7	18.6 Ro~1IB0H15
19032	C2015 01 29.23207 07 27 22.34 +17 14 59.4	18.1 Ro~1I8xH15
27088	C2015 01 29.23207 07 24 27.50 +17 39 22.0	18.4 Ro~1I9rH15
14115	C2015 01 29.23207 07 26 15.68 +17 44 07.8	18.8 Ro~1I8QH15
13151	C2015 01 29.23207 07 27 01.79 +16 48 16.9	19.1 Ro~1I8IH15
30575	C2015 01 29.23207 07 25 31.18 +18 00 01.3	18.3 Ro~1IAEH15
Q7284	C2015 01 29.23207 07 25 41.43 +16 58 57.3	19.5 Ro~1IR1H15
D1571	C2015 01 29.23996 07 25 58.46 +19 42 04.9	18.4 Ro~1IJCH15
45262	C2015 01 29.23996 07 25 33.56 +19 16 12.7	18.7 Ro~1IBeH15
30588	C2015 01 29.23996 07 22 54.78 +19 03 55.8	18.2 Ro~1IAEH15
B9600	C2015 01 29.23996 07 26 01.34 +19 45 49.3	18.8 Ro~1IILH15
20370	C2015 01 29.23996 07 28 16.55 +19 17 42.0	17.3 Ro~1I96H15
17974	C2015 01 29.23996 07 25 23.93 +19 05 26.0	18.4 Ro~1I8rH15
02635	C2015 01 29.23996 07 29 38.73 +18 58 37.3	16.3 Ro~1I6yH15

ISON-Byurakan (L96)

14999	C2015 01 24.65509 01 57 45.57 +09 07 10.3	16.9 Rq~1I8WL96
02457	C2015 01 24.65763 03 20 52.38 +11 09 38.1	17.4 Rq~1I6xL96
02903	C2015 01 24.66280 03 05 44.62 +11 50 17.2	16.4 Rq~1I72L96
00416	C2015 01 24.66491 02 30 55.93 +14 34 57.7	13.6 Rq~1I6aL96
01550	C2015 01 24.66657 02 03 30.34 +12 25 05.5	15.5 Rq~1I6nL96
14999	C2015 01 24.70485 01 57 48.96 +09 07 47.8	16.9 Rq~1I8WL96
02457	C2015 01 24.70738 03 20 53.36 +11 09 51.2	17.6 Rq~1I6xL96
02903	C2015 01 24.70981 03 05 46.43 +11 50 18.1	15.9 Rq~1I72L96
00416	C2015 01 24.71193 02 30 57.02 +14 35 09.4	13.4 Rq~1I6aL96
01550	C2015 01 24.71368 02 03 34.97 +12 25 43.4	15.5 Rq~1I6nL96
14999	C2015 01 24.75331 01 57 52.28 +09 08 24.5	16.9 Rq~1I8WL96
02457	C2015 01 24.75654 03 20 54.37 +11 10 04.4	17.4 Rq~1I6xL96
02903	C2015 01 24.75890 03 05 48.36 +11 50 18.4	16.8 Rq~1I72L96
00416	C2015 01 24.76022 02 30 58.14 +14 35 21.4	13.4 Rq~1I6aL96
01550	C2015 01 24.76192 02 03 39.70 +12 26 22.5	15.4 Rq~1I6nL96
14999	C2015 01 25.68207 01 58 57.09 +09 19 56.0	16.5 Rq~1I8WL96
02457	C2015 01 25.68670 03 21 14.94 +11 14 12.8	17.3 Rq~1I6xL96
02903	C2015 01 25.68986 03 06 26.70 +11 50 38.6	15.9 Rq~1I72L96
00416	C2015 01 25.69231 02 31 21.01 +14 39 16.6	13.6 Rq~1I6aL96
01550	C2015 01 25.69370 02 05 12.82 +12 38 56.8	15.7 Rq~1I6nL96
14999	C2015 01 25.71191 01 58 59.18 +09 20 17.4	16.6 Rq~1I8WL96
02457	C2015 01 25.71780 03 21 15.53 +11 14 20.9	17.5 Rq~1I6xL96
02903	C2015 01 25.72105 03 06 27.97 +11 50 39.3	16.1 Rq~1I72L96
00416	C2015 01 25.72309 02 31 21.76 +14 39 24.5	13.5 Rq~1I6aL96
01550	C2015 01 25.72442 02 05 15.85 +12 39 21.6	15.6 Rq~1I6nL96
14999	C2015 01 25.74170 01 59 01.23 +09 20 39.2	16.6 Rq~1I8WL96
02457	C2015 01 25.74368 03 21 16.18 +11 14 28.8	17.3 Rq~1I6xL96
02903	C2015 01 25.74571 03 06 28.97 +11 50 39.9	16.2 Rq~1I72L96
00416	C2015 01 25.74877 02 31 22.38 +14 39 30.8	13.4 Rq~1I6aL96
01550	C2015 01 25.75007 02 05 18.39 +12 39 42.1	15.7 Rq~1I6nL96

ISON-Hureltogoot (O75)

K15A44F	C2015 01 15.51362 07 14 17.67 +31 14 54.7	18.4 Rq~1GOZO75
K15A44F	C2015 01 15.51956 07 14 23.37 +31 12 48.0	18.1 Rq~1GOZO75
K15A44F	C2015 01 15.52104 07 14 24.89 +31 12 16.6	17.7 Rq~1GOZO75
K15A44F	C2015 01 15.52400 07 14 27.72 +31 11 12.6	18.5 Rq~1GOZO75
K15A45C	C2015 01 15.67777 08 49 39.35 +09 40 39.2	19.2 Rq~1Go0O75
K15A45C KC2015 01 15.68576 08 49 38.27 +09 40 09.5		19.5 Rq~1Go0O75
K15A45C	C2015 01 15.69163 08 49 37.45 +09 39 48.2	19.3 Rq~1Go0O75
K15A45C KC2015 01 15.69274 08 49 37.28 +09 39 43.4		19.0 Rq~1Go0O75
K15A45C	C2015 01 15.69311 08 49 37.26 +09 39 42.8	19.1 Rq~1Go0O75
K15BV1L KC2015 01 22.79429 07 10 19.43 +10 08 43.2		17.3 Rq~1GwmO75
K15BV1L KC2015 01 22.79551 07 10 19.37 +10 08 49.7		17.6 Rq~1GwmO75
K15BV1L KC2015 01 22.79672 07 10 19.25 +10 08 56.2		17.3 Rq~1GwmO75
K15BV1L KC2015 01 22.79794 07 10 19.17 +10 09 02.6		17.5 Rq~1GwmO75
K15Bo9D KC2015 01 22.84347 12 16 46.66 +14 53 48.2		18.5 Rq~1I6OO75
K15Bo9D KC2015 01 22.84468 12 16 44.50 +14 53 53.0		18.6 Rq~1I6OO75
K15Bo9S KC2015 01 22.85212 12 13 19.98 +17 03 46.2		19.3 Rq~1I6QO75
K15Bo9S KC2015 01 22.85437 12 13 20.42 +17 04 00.9		19.3 Rq~1I6QO75
K15B92W KC2015 01 23.65328 10 05 05.95 +57 28 38.3		16.3 Rq~1I3EO75
K15B92W KC2015 01 23.65449 10 05 05.39 +57 28 29.1		17.1 Rq~1I3EO75
K15B92W KC2015 01 23.65571 10 05 04.89 +57 28 20.6		16.7 Rq~1I3EO75
K15B92W KC2015 01 23.65692 10 05 04.38 +57 28 11.7		16.6 Rq~1I3EO75

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