

# Exhibit D

Quantum Limit Vineyards  
25 Quail Ridge Drive, Napa, California  
Water Availability Analysis



October 25, 2019

Prepared by: Omar Reveles, P.E.

Acme Engineering Inc.

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## **Water Availability Analysis – Quantum Limit Vineyards, Napa, CA.**

October 25, 2019

Prepared by: Omar Reveles, P.E.

### **Introduction**

Parcel 033-140-052 is a historic cattle ranch estate property. In recent years, several acres on the parcel have been converted from pastureland to vineyard. The parcel includes a primary residence, and a secondary residence which was demolished in 2018 and is currently being constructed. There is extensive landscaping near the residential areas on the parcel. Additionally, cattle grazing is still an ongoing activity at the parcel. Currently, the subject parcel includes four new vineyard development areas that measure approximately 4.8 acres combined (including vineyard avenues), and approximately 4.1 vine acres combined (excluding vineyard avenues). The proposed new vineyard development is on moderate to very strong sloping terrain, ranging from 13% to 48% slopes. Elevations at the proposed development area range from approximately 265 feet to 525 feet (based on aerial survey by CMP Civil Engineering). There are currently four wells on the project site that can provide water for the domestic, livestock and vineyard uses.

As previously mentioned, in recent years several acres of pastureland have been converted into vineyard on the subject parcel. A water availability analysis was performed by Balance Geo and can be found in the report titled "Landslide Hazard, Erosion, Sedimentation, Water Balance, and Biogenic CHG Emissions Assessment, in Support of Legacy Hillside Erosion Repair, Road Repair, Vineyard Erosion, and Sediment Control Plan: Quantum Limit Vineyards Conversion Project, #P14-00356-ECPA, Napa County, CA.", dated March 2015. The mentioned report was used to prepare an updated water availability analysis, which accounts for the most recent proposed vineyard development areas. The following report and calculations are intended to describe current water usage, proposed water usage, well capacity and groundwater recharge to demonstrate that the proposed vineyard development will not have an adverse effect on neighboring wells and the aquifer that the well(s) draws from.

### **TIER 1 – WATER USE CRITERIA**

#### **Annual water usage required for activities on parcel 033-140-052**

Based on the report from Balance Geo in March of 2015:

- The subject parcel measures approximately 70.9 acres.
- The existing water uses on the parcel include a primary residence, a secondary residence, livestock, landscaping and approximately 21.6 acres of existing (proposed in 2015) vineyard.

The proposed water uses include all the existing water uses mentioned above with the addition of approximately 4.1 acres of newly proposed vineyard (excluding vineyard avenues). Vineyard irrigation and minor uses (filling of spray tanks, etc.) are the only usages associated with the vineyard. All calculations discussed in this report are shown in the appendix section.

In the Napa County Water Availability Analysis (WAA) guidance document for residential buildings (Appendix B – Guidelines for Estimating Residential Water Use), the range is 0.5 to 0.75 acre-feet per year for a primary residence and 0.2 to 0.5 acre-feet per year for a secondary residence. Based on the aforementioned report from Balance Geo, water usage for the primary and secondary residences is 0.5 and 0.4 acre-feet per year, respectively. Both of these values lie within the range of values provided in the “Guidelines for Estimating Residential Water Use” from Napa County. The same report also quantifies landscaping water usage at 1.5 acre-feet per year. Combining all the existing and proposed domestic water demands on the subject parcel totals to an annual domestic water usage of approximately 2.4 acre-feet.

As mentioned earlier; in addition to domestic water usage, there is also livestock water usage. The report from Balance Geo quantifies the water usage for livestock at 0.5 acre-feet per year. From Napa County WAA guidance document, for livestock (Appendix B – Guidelines for Estimating Non-Residential Water Usage), an estimated water usage of 0.01 acre-feet per acre per year is listed. Given that the subject parcel is approximately 71 acres, and approximately 21 of those acres are vineyard. That leaves only 50 acres available for grazing of livestock. The 50 acres of pastureland at 0.01 acre-feet of water per acre per year, yields an annual water usage of 0.5 acre-feet per year for livestock, which happens to be the same water usage listed for livestock in the report from Balance Geo.

The report from Balance Geo quantifies water usage for vineyard at 8.66 acre-feet per year over the long term (once vineyard is established), and 12.99 acre-feet per year over the short term (during vineyard establishment), for 21.6 acres of proposed vineyard (in 2015). This equates to a vineyard water usage of:

0.40 ac-ft/acre per year      over the long-term (once vineyard is established)

0.60 ac-ft/acre per year      over the short-term (vineyard establishment period)

The calculated long-term vineyard usage per acre lies within the range of values provided in the “Guidelines for Estimating Non-Residential Water Usage” from Napa County (0.2 to 0.5 acre-feet per acre per year, for vineyard irrigation). The calculated short-term vineyard usage per acre is actually greater than the upper limit of the range provided in the “Guidelines for Estimating Non-Residential Water Usage” from Napa County (0.2 to 0.5 acre-feet per acre per year, for vineyard irrigation). Based on this comparison, the long-term and short-term vineyard water usage values in the report from Balance Geo are adequate and conservative, respectively.

Applying the calculated water usage rates per acre to the latest proposed vineyard area (4.1 acres), results in an additional water usage of:

1.64 ac/ft per year      over the long-term (once vineyard is established)

2.47 ac/ft per year      over the short-term (vineyard establishment period)

Combining the annual domestic, livestock and vineyard water usage results in an annual total water usage of 13.20 acre-feet per year over the long term, and 14.03 acre-feet per year over the short term, for the subject parcel.

## **Water Availability and Recharge**

There are currently four wells on the project site that can provide water for the domestic, livestock and vineyard uses. From previous calculations, the required volume of irrigation water per year is 13.20 acre-feet over the long term and 14.03 acre-feet over the short term. Based on the report by Balance Geo from 2015, during normal years 78.0 acre-feet (or 36% of the average annual precipitation) are estimated to infiltrate into the local bedrock aquifer as annual average bedrock groundwater recharge. During dry years, the bedrock groundwater recharge would amount to 29.0 acre-feet per year (or 19% of the total average annual precipitation).

## **Well Capacity**

The four existing wells are capable of sustaining the following yields:

Well No. 1      10 gpm (based on well inspection report by McLean & Williams, 11/23-25/2015.)

Well No. 2      15 gpm (based on well completion report by McLean & Williams, 4/23-27/2016.)

Well No. 3      30 gpm (based on well inspection report by McLean & Williams, 4/18/2016)

Well No. 4      39 gpm (based on well inspection report by McLean & Williams, 9/1/2016)

The above values are equivalent to the following annual yields:

Well No. 1      15.91 acre-feet per year

Well No. 2      23.87 acre-feet per year

Well No. 3      47.73 acre-feet per year

Well No. 4      62.05 acre-feet per year

The water demand on the subject parcel is exceeded by the water available from well 1 alone, which happens to be the least productive. Based on these results, there will be no adverse effects of the proposed vineyard development on the groundwater supply for the parcel.

## **TIER 2 – WELL AND SPRING INTERFERENCE CRITERION**

### **Well Interference**

The four existing wells on the subject parcel are not within 500 feet from one another. Similarly wells on adjacent parcels are not within 500 feet of the four wells in the subject parcel. Therefore, a Tier 2 Well Interference Evaluation is not required for this project.

### **Spring Interference**

There are no natural springs that are being used for domestic or agricultural purposes within 1500 feet of the four wells in the subject parcel. Therefore, a Tier 2 Spring-Aquifer Connectivity Evaluation is not applicable to this project.

## **Conclusion**

Based on the report from Balance Geo in March 2015, the subject parcel has an annual groundwater recharge rate of 78.0 acre-feet under normal year conditions, and 29.0 acre-feet under dry year conditions. After the proposed vineyard development and completion of the secondary residence the estimated long-term water usage at the property shall be approximately 13.20 acre-feet per year, and corresponds to 17% of the parcels estimated annual groundwater recharge under normal year conditions, and 46% under dry year conditions. Similarly, the estimated short-term water usage at the property shall be approximately 14.03 acre-feet per year, and corresponds to 18% of the parcels estimated annual groundwater recharge under normal year conditions, and 48% under dry year conditions. These results indicate that the proposed development shall not adversely impact the annual recharge capabilities of the existing well(s).

There are no wells within 500 feet of the project well(s). Therefore, a Well Interference Evaluation is not required for this project.

There are no natural springs that are being used for domestic or agricultural purposes within 1500 feet of the project well(s). Therefore, a Spring-Aquifer Connectivity Evaluation is not applicable to this project.

**References:**

Water Availability Analysis (WAA) – guidance document, Napa County Board of Supervisors, 2015

Landslide Hazard, Erosion, Sedimentation, Water Balance and Biogenic GHG Emissions Assessment, in Support of Legacy Hillside Erosion Repair, Road Repair, Vineyard Erosion and Sediment Control Plan: Quantum Limit Vineyards Conversion Project, #P14-00356-ECPA, Napa County, CA. – Balance Geo, March 2015:

Section 5.5 Water Use.

Section 5.6 Water Supply Availability.

Section 5.7 Well & Surface Water Interference.

Well No. 1 Inspection Report by McLean & Williams, November 2015.

Well No. 2 Completion Report by McLean & Williams, April 2016.

Well No. 3 Inspection Report by McLean & Williams, April 2016.

Well No. 4 Inspection Report by McLean & Williams, September 1, 2016.

## Appendix



**Water Balance:**

From a previous water balance study prepared by Balance Geo for the subject parcel in March of 2015:

<b>Annual Water Balance</b>		
<b>Description</b>	<b>Normal Water Year (inches)</b>	<b>Dry Water Year (inches)</b>
Average Precipitation	37.0	26.0
Groundwater recharge (deep percolation)	13.2	4.9

Subject parcel measures approximately:                      70.9 acres                      Balance Geo, March 2015

From the data above, the following volumes were calculated:

<b>Calculated Annual Water Volumes</b>		
<b>Description</b>	<b>Normal Water Year (ac-ft)</b>	<b>Dry Water Year (ac-ft)</b>
Average annual precipitation volume	218.6	153.6
Annual groundwater recharge volume	78.0	29.0

Percentage of average annual rainfall that becomes groundwater recharge:

In a normal water year:                      **36%**  
In a dry water year:                              **19%**

**Water Usage:**

From a previous water usage study prepared by Balance Geo for the subject parcel in March of 2015:

<b>Water Usage, Pre-Project and Post-Project Conditions</b>		
<b>Description</b>	<b>Pre-Project (ac-ft/yr)</b>	<b>Post-Project (ac-ft/yr)</b>
Single-Family Residence	0.50	0.50
Second Unit	0.40	0.40
Livestock	0.50	0.50
Landscaping	1.50	1.50
Proposed Project (Long-term)	-	8.66
Proposed Project (short-term)	-	12.99
Total (Long-term)	2.90	11.56
Total (Short-term)	-	15.89

Proposed vineyard development in 2015 was approximately:                    21.6        acres

Based on the water usage study prepared by Balance Geo in March 2015:

    Long-term vineyard water usage is approximately:                    0.40        ac-ft/yr    per acre  
    Short-term vineyard water usage is approximately:                    0.60        ac-ft/yr    per acre

Additional proposed vineyard development area on subject parcel:        4.1        acres

Proposed vine density, farming practices and irrigation scheduling are assumed to remain unchanged with respect to the existing vineyard.

Due to the additional proposed vineyard development, the anticipated additional water usage is:

**1.64 ac-ft/yr** for the long-term, vineyard water usage  
    **2.47 ac-ft/yr** for the short-term, vineyard water usage

Incorporating the additional vineyard development into the water usage table previously shown, yields:

<b>Water Usage, Pre-2015, 2015-2019 and Post-2019 Conditions</b>			
<b>Description</b>	<b>Pre-2015 (ac-ft/yr)</b>	<b>2015-2019 (ac-ft/yr)</b>	<b>Post-2019 (ac-ft/yr)</b>
Single-Family Residence	0.50	0.50	0.50
Second Unit	0.40	0.40	0.40
Livestock	0.50	0.50	0.50
Landscaping	1.50	1.50	1.50
Existing Vineyard		8.66	8.66
Proposed Project (Long-term)	-	-	1.64
Proposed Project (short-term)	-	-	2.47
Total (Long-term)	2.90	11.56	13.20
Total (Short-term)	-	-	14.03

Estimated Post-2019 water use:        **13.20 ac-ft/yr** for the long-term  
    **14.03 ac-ft/yr** for the short-term

**Water Supply:**

The existing and proposed vineyard can be supplied water by wells 1, 2, 3 and/or 4

Well No. 1	<b>10 gpm</b>	See well inspection report by McLean & Williams, dated 11/23-25/2015.
	<b>Equivalent Yield:</b>	<b>0.04 ac-ft per day</b>
		<b>1.33 ac-ft per month</b>
		<b>15.91 ac-ft per year</b>
Well No. 2	<b>15 gpm</b>	See well completion report by McLean & Williams, dated 4/23-27/2016.
	<b>Equivalent Yield:</b>	<b>0.07 ac-ft per day</b>
		<b>1.99 ac-ft per month</b>
		<b>23.87 ac-ft per year</b>
Well No. 3	<b>30 gpm</b>	See well completion report by McLean & Williams, dated 4/18/2016.
	<b>Equivalent Yield:</b>	<b>0.13 ac-ft per day</b>
		<b>3.98 ac-ft per month</b>
		<b>47.73 ac-ft per year</b>
Well No. 4	<b>39 gpm</b>	See well completion report by McLean & Williams, dated 9/1/2016.
	<b>Equivalent Yield:</b>	<b>0.17 ac-ft per day</b>
		<b>5.17 ac-ft per month</b>
		<b>62.05 ac-ft per year</b>

Lowest yielding well on subject parcel is Well No. 1

Ratio of Well No. 1 yield to vineyard water demand:	<b>1.2</b>	<b>Long-term</b>
	<b>1.1</b>	<b>Short-term</b>

Vineyard water demand is exceeded by Well No. 1 yield alone, and greatly exceeded by the inclusion of wells 2-4.

**Conclusions:**

<b>Calculated Annual Water Recharge and Usage Volumes</b>		
<b>Description</b>	<b>Normal Water Year (ac-ft/yr)</b>	<b>Dry Water Year (ac-ft/yr)</b>
Annual groundwater recharge	78.0	29.0
Long-term water usage on parcel		13.20
Short-term water usage on parcel		14.03

Percentage of annual groundwater recharge that is used for:

Long-term water usage on the subject parcel during a normal water year: **17%**

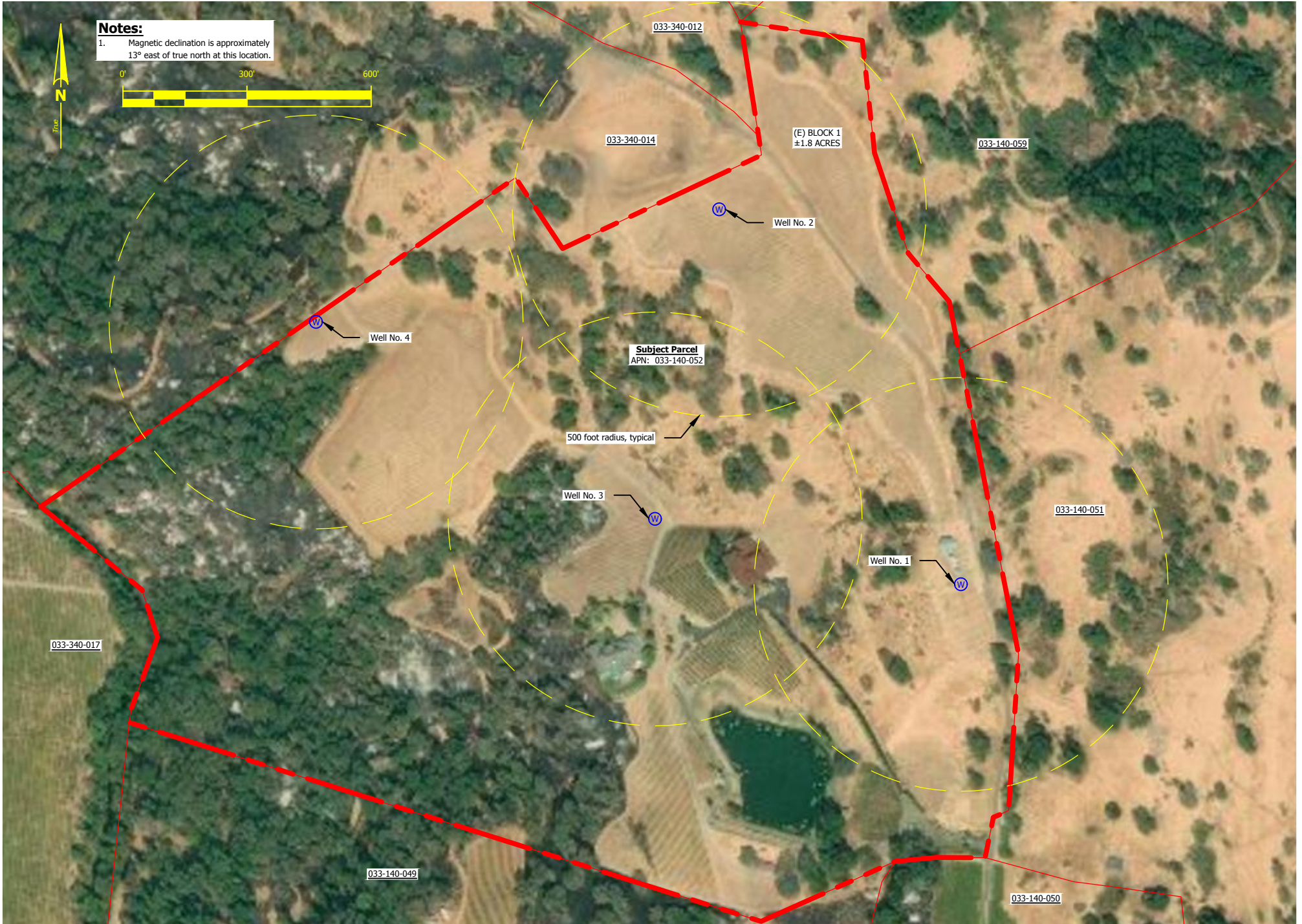
Short-term water usage on the subject parcel during a normal water year: **18%**

Long-term water usage on the subject parcel during a dry water year: **46%**

Short-term water usage on the subject parcel during a dry water year: **48%**

Based on these findings no adverse effects are anticipated on the parcel groundwater supply.

**Exhibit A**  
Well Location Map



**Site Plan**  
Scale: 1" = 300'

of a small residential-use cave adjacent to the barn, an addition to the existing single-family residence, and the remodeling of the existing single-family residence).<sup>31</sup>

7-meter-wide (24 feet) vineyard avenues are proposed for the tractor-farmed vineyard blocks (i.e. A, B, D, E, F, H, J, K, L, M, P, R), and no vineyard avenues are proposed for the hand-farmed vineyard blocks (i.e. Blocks Ae, I, G, N, O, Q, S, U, W, Y, Z).

The vineyard design assumes that a permanent no-till winter period cover crop ranging from 70% to 80% will be seeded and maintained within the vineyard and its avenues each winter, to further reduce soil loss and to provide increased stormwater runoff protection. This represents a significant improvement in ground cover within the existing pastureland as compared to the current conditions. The success of the ground cover establishment will strongly build on the empirical experience gained with the development of the existing ornamental vineyards, especially three vineyards totaling 1.13 acres developed under the Rice/Hoy ownership in 2013-14 (i.e. Blocks I, N, and Z).

Depending on the vine spacing, the following minimum block-average winter period cover crop densities are proposed: 80% in the 3' x 4' Blocks I, N, and Z; a minimum density of 75% in the 3' x 5' Blocks Ae, G, O, Q, S, and U; and a minimum density of 70% in the 5' x 7' Blocks A (minus Ae), B, D, F, H, J, K, L, M, P, R, S, W, and Y. These cover crop values factor in the bare-soil conditions associated with the vine berms. The following berm widths are anticipated to occur: 12 inches to enable spot spray herbicide in the 3' x 4' blocks, 12 inches to enable strip spray in the 3' x 5' blocks, and 24 inches to enable strip spray in the 5' x 7' blocks.

The highest cover crop values are proposed for the vineyard blocks which support OFAs that drain toward the R/H North and R/H South watercourses, and which therefore potentially deliver sediment load to Suisun Creek (i.e. Blocks A, Ae, B, K, N, O, P, R, and W). The lowest values are proposed for the vineyard blocks that drain to the on-site recreational, wildlife habitat, and fire protection pond.

Reflecting the experience of the local grape growers, there will be no disking of the cover crop, and it may be strip sprayed with post-emergence herbicide after March 1<sup>st</sup>, as long as an 80% block-average cover is maintained. Also reflecting the experience of the local farmers, these areas will be seeded prior to September 1<sup>st</sup> with native weeds. Areas that have less than 80% cover will be seeded and mulched annually until adequate cover is reached. While waiting for cover crop to establish in the first three years, additional erosion control will be achieved by anchoring jute netting to the slope surfaces in areas subject to historic fire activity.

## **5.5 Water Use**

This section provides the information of water use, which is required under the WAA Tier 1 analysis (Napa County PBES 2015b).

As presented in the Phase 1 Water Availability Analysis (LincolnAE LLC and Balance Geo 2014), the current water use on the property amounts to 2.9 acre-feet/year, and consists of the

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<sup>31</sup> The 160-square-meter (1,700 square feet) residential-use cave is estimated to produce 650 m<sup>3</sup> (850 yd<sup>3</sup>) of rock spoils.

following specific uses: a single-family residence (0.5 acre-feet), a second unit (0.4 acre-feet), livestock (0.5 acre-feet), and landscaping (1.5 acre-feet). Future water use on the property will amount to an additional 8.66 acre-feet/year in the long-term, and 12.99 acre-feet/year in the short-term (three to five years), in order to establish the vines (Table 4).

The Project-related water use assumes the following: vineyard plantings of 15.89 acres; 1,245 vines per acre; a conservative summer irrigation scenario of 5 gallons/vine<sup>32</sup> per week over the long-term, and 8 gallons over the short-term; and a 28.5-week annual-average summer irrigation period.

**Table 4. Property Water Use, Pre-Project and Post-Project Conditions.**

Property Water Use	Current (Ac-Ft/Yr)	Post-Project (Ac-Ft/Yr)
Single-Family Residence	0.50	0.50
Second Unit	0.40	0.40
Livestock	0.50	0.50
Landscaping	1.50	1.50
Proposed Project (long-term)	--	8.66
(short-term)	--	12.99
Total (long-term)	2.90	11.56
Total (short-term)	--	15.89

The proposed vineyard water use will be supported by Rice Well No. 1, which is capable of sustaining a water yield of 50 gallons per minute (McLean & Williams, Inc. 2014) (see Section 5.6 for details). This is equivalent to a water yield of 0.22 acre-feet per day, or 6.63 acre-feet per month. Consequently, the Project water demand is by far exceeded by the water available from the property agricultural well, indicating that there would be no adverse effects of the proposed Project on the property groundwater supply (see Section 5.6).

In total, the proposed post-Project water use at the Rice/Hoy property is estimated to be 11.56 acre-feet per year over the long-term, and about 15.89 acre-feet per year over the short-term. Accounting for the potential winery water use of 0.04 acre-feet/year, the estimated post-Project water use is 11.60 acre-feet/year over the long-term, and 15.93 acre-feet/year over the short-term. The estimated post-Project long-term water use corresponds to 14.9% of the property's estimated annual groundwater recharge under the normal water year conditions (78.0 acre-feet/year), and 40.0% under the dry water year conditions (29.0 acre-feet/year). Analogously, the estimated post-Project short-term water use corresponds to 20.4% of the property's estimated annual groundwater recharge under the normal water year conditions, and 54.9% under the dry water year conditions.

In terms of irrigation-related impacts to on-site and off-site hydrology, an estimated 8.66 acre-feet of groundwater will be added annually to the on-site vineyard soils by irrigation from Rice Well No. 1 in the long-term. As irrigation takes place in the dry season, which typically occurs

<sup>32</sup> The same irrigation scenario applies to the trees for shade and GHG mitigation purposes, amounting to the landscaping water use of 0.044 acre-feet/year.

from the beginning of May to the end of September in Suisun Creek watershed, the dry period water input into the on-site vineyard soils is expected to have no adverse effects on peak flows in the wet season, or during individual winter period storm events. Similarly, no hydrologic effects on peak flows or hillslope stability are expected following the subtle increase in the soil moisture. This increase would be due to the slight reduction in evapotranspiration associated with the Project- and firebreak related elimination of 2.51 acres of oak woodland and 1.5 acres of brush scrub around the homestead (see Section 3.7 for details). See section 5.7 for details on groundwater pumping and the related well and surface water interference.

## **5.6 Water Supply Availability**

Rice Well No.1 is located 600 meters (2,000 feet) from Suisun Creek, at an elevation of 220 mmsl (722 fmsl) (HWD 2013). The well is 110 meters (360 feet deep), with its bottom 46 meters (151 feet) above Suisun Valley. Based on the well completion report, the annular seal extends to a depth of 17 meters (56 feet). The static water level was observed to range from 158 mmsl (518 fmsl) in January to 160 mmsl (524 fmsl) in October (HWD 2013, McLean & Williams, Inc. 2014). See Section 5.7 for the location.

According to a 24-hour pump test (McLean & Williams, Inc. 2014) carried for Rice Well No.1, the well is capable of maintaining a water yield of 50 gallons per minute (gpm). The drawdown in the well amounted to 8 meters (26 feet), from 62 meters (204 feet) from top of the well casing to 70 meters (230 feet). The water level returned back to 155 mmsl (507 fmsl) after 4 hours of recovery following the shut down of the well pump. The well characteristics and pump test performance data, including yield and recovery rates, are presented in **Figures C-1 and C2**.

## **5.7 Well and Surface Water Interference**

This section evaluates potential well and surface water interference, which is required under the WAA Tier 2 analysis (Napa County PBES 2015b). The property and the project site are located outside the designated groundwater deficient areas in Napa County. Based on the well casing size and the 24-hour test, Rice Well No. 1 is a moderate to high capacity well.

As shown on the Rice Well No. 1 site map (**Figure C-3**), there are no stream channels or natural springs that are being used for domestic or agricultural purpose within 1,500 feet of Rice Well No. 1 (Rice Well No. 1 is located 595 meters or 1,950 feet from Suisun Creek, a Class I, fish-bearing "USGS blue-line stream"). Additionally, while there are four non-project wells located on the neighboring properties, none is within the 500-foot radius of Rice Well No. 1. Consequently, the groundwater withdrawals using Rice Well No. 1 are expected to have no adverse effects on the nearby surface waters, nor streamflow depletion on Suisun Creek.

As presented in Section 3.4, due to the structural nature of the OHS mass terrain, there are probably several small, perched, confined aquifers associated with each OHS slide-block underlying the Rice/Hoy property and the neighboring properties on Okell Hill. These aquifers within the slide-blocks are probably not hydraulically connected to the Suisun Valley aquifer and, consequently, to Suisun Creek. This further naturally limits any potential impacts to Okell Hill due to groundwater withdrawals using Rice Well No. 1 and the other four non-projects wells.





**Well Drilling & Pump Service**  
 878 El Centro Ave. Napa Ca, 94558  
 Office 707-255-6450  
 Fax 707-255-6489  
 Lic. #396352

SINCE 1949

**WELL INSPECTION REPORT FOR:**

Attn: Quantum Limit Vineyards c/o Glen Rice Date of test: November 23<sup>rd</sup>-25<sup>th</sup>, 2015

Upon your request, we have checked the well and/or pressure system at  
25 Quail Ridge Dr., Napa

Our findings are as follows:

**WELL INFORMATION**

Casing Size: 6" PVC  
 Static Water Level: 232' from top of well casing at time of test  
 Well Depth: 338' draw down during test: 315'  
 Total water draw down in feet from static water level at end of flow test 83'  
 How tested: Open discharge using existing pumping equipment  
 Well yield after test: 10 GPM in recovery after 53 hours @ 315' pumping level  
 Well Comments: Well was constructed 10-19-2013 and was estimated to yield 40 GPM.

**WELL EQUIPMENT INFORMATION**

Pump Make: Goulds HP 5 Pump Setting: 315'  
 Type: Submersible Voltage: 230 Pipe Size: 1 1/2" galvanized  
 Pump Model: 33GS50 Phase: 1 Wire Size: Submersible pump cable #6-3/wg  
 Pump Saver: Symcom 77C Pressure tank: None  
 Comments: Well pumps to 2- 10,500 gallon concrete storage tanks

**WELL TEST INFORMATION**

<u>TIME:</u>	<u>WATER LEVEL:</u>	<u>GPM:</u>	<u>COLOR:</u>	<u>PUMP AMPS</u>
<b>11-23-2015</b>				
10:20 a.m.	232'	8	clear	22
10:45	232'	7	clear	22
<b>Increase flow to drawdown pumping level</b>				
10:50	243'	42	clear	27
12:15 p.m.	244'	41	clear	27
12:30	245'	41	clear	27
01:30	252'	41	clear	27
<b>Set up pump flow to 20 GPM to see if pumping level will stabilize</b>				
02:45	247'	20	clear	25

**Leave test running**

**11-25-15**

**Well had been pumping off reduce flow to stabilize pumping level**

<b>02:45 p.m.</b>	<b>315'</b>	<b>10</b>	<b>clear</b>	<b>23</b>
<b>03:00</b>	<b>315'</b>	<b>10</b>	<b>clear</b>	<b>23</b>

**Stop test**

10 gallons per minute is the final pumping rate after 53 hours of continuous pumping. Pumping level appeared to be falling very slightly at 10 gpm indicating that under even longer periods of pumping the yield may be lower. The pumping level dropped at an increased rate after passing approximately 245' indicating that upper formations are good for storing water but do not contain water producing formations. All measurements were taken to the top of the wellhead using a submersible pressure transducer with data logger and an electronic water level indicator 1-1/10<sup>th</sup> of an inch measurement.

**FINAL COMMENTS**

Please note that flow test results by McLean and Williams Inc. represents the well water yield and system condition for the time of the test only.

Thank you, *Gonzalo Salinas*

**Gonzalo Salinas**  
**McLean & Williams Inc.**  
[Gonzalo.mwinc@sbcglobal.net](mailto:Gonzalo.mwinc@sbcglobal.net)



File Original with DWR

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Owner's Well Number \_\_\_\_\_

Date Work Began 04/23/2016 Date Work Ended 4/27/2016

Local Permit Agency Napa Planning, Building, Environmental Services

Permit Number E16-00131 Permit Date 3/16/16

State of California

# Well Completion Report

Refer to Instruction Pamphlet

No. **e0313813**

DWR Use Only - Do Not Fill In	
State Well Number/Site Number	
Latitude	Longitude
APN/TRS/Other	

Geologic Log		
Orientation <input checked="" type="radio"/> Vertical <input type="radio"/> Horizontal <input type="radio"/> Angle Specify _____		
Drilling Method Air Drilling _____ Drilling Fluid Foam _____		
Depth from Surface	Description	
Feet to Feet	Describe material, grain size, color, etc	
0	8	Top soil.
8	20	Brown clay.
20	60	Brown clay 95% colored rocks
60	80	Black shale.
80	85	Multicolor rock.
85	160	Black shale.
160	190	Black shale 40%, brown clay 60%.
190	240	Brown clay.
240	250	Fractured rock 40%, black shale 60 %.
250	370	Black shale.
*****CONTINUED CASING LIST*****		
175	195	11" Blank F480 PVC .316 6.625
195	215	11" Screen F480 PVC .316 6.625 Milled 0.032
215	235	11" Blank F480 PVC .316 6.625
235	255	11" Screen F480 PVC .316 6.625 Milled 0.032
255	275	11" Blank F480 PVC .316 6.625
275	295	11" Screen F480 PVC .316 6.625 Milled 0.032
295	315	11" Blank F480 PVC .316 6.625
315	335	11" Screen F480 PVC .316 6.625 Milled 0.032
335	355	11" Blank F480 PVC .316 6.625
Total Depth of Boring <u>370</u> Feet		
Total Depth of Completed Well <u>355</u> Feet		

Well Owner	
Name	_____
Mailing Address	_____
City	_____ State <u>FL</u> Zip <u>33301</u>

Well Location	
Address	<u>25 Quail Ridge Drive Lane</u>
City	<u>Napa</u> County <u>Napa</u>
Latitude	_____ N Longitude _____ W
Datum	_____ Dec. Lat. _____ Dec. Long. _____
APN Book	<u>033</u> Page <u>140</u> Parcel <u>052-00</u>
Township	_____ Range _____ Section _____

Location Sketch	
(Sketch must be drawn by hand after form is printed.)	
North	
Illustrate or describe distance of well from roads, buildings, fences, rivers, etc. and attach a map. Use additional paper if necessary. Please be accurate and complete.	

Activity	
<input checked="" type="radio"/> New Well	
<input type="radio"/> Modification/Repair	
<input type="radio"/> Deepen	
<input type="radio"/> Other	
<input type="radio"/> Destroy	Describe procedures and materials under "GEOLOGIC LOG"
Planned Uses	
<input checked="" type="radio"/> Water Supply	
<input checked="" type="checkbox"/> Domestic	<input type="checkbox"/> Public
<input type="checkbox"/> Irrigation	<input type="checkbox"/> Industrial
<input type="radio"/> Cathodic Protection	
<input type="radio"/> Dewatering	
<input type="radio"/> Heat Exchange	
<input type="radio"/> Injection	
<input type="radio"/> Monitoring	
<input type="radio"/> Remediation	
<input type="radio"/> Sparging	
<input type="radio"/> Test Well	
<input type="radio"/> Vapor Extraction	
<input type="radio"/> Other	

Water Level and Yield of Completed Well	
Depth to first water	<u>230</u> (Feet below surface)
Depth to Static	_____
Water Level	<u>290</u> (Feet) Date Measured <u>04/27/2016</u>
Estimated Yield *	<u>15</u> (GPM) Test Type <u>Air Lift</u>
Test Length	<u>5.0</u> (Hours) Total Drawdown <u>70</u> (Feet)
*May not be representative of a well's long term yield.	

Casings							
Depth from Surface	Borehole Diameter	Type	Material	Wall Thickness	Outside Diameter	Screen Type	Slot Size
Feet to Feet	(Inches)			(Inches)	(Inches)		If Any (Inches)
0	75	14	Blank	F480 PVC	.316	6.625	
75	95	11	Screen	F480 PVC	.316	6.625	Milled Slots 0.032
95	115	11	Blank	F480 PVC	.316	6.625	
115	135	11	Screen	F480 PVC	.316	6.625	Milled Slots 0.032
135	155	11	Blank	F480 PVC	.361	6.625	
155	175	11	Screen	F480 PVC	.316	6.625	Milled Slots 0.032

Annular Material			
Depth from Surface	Fill	Description	
Feet to Feet			
0	21	Cement	
21	58	Bentonite	
58	355	Filter Pack	3/8 Pea Gravel

Attachments	
<input type="checkbox"/> Geologic Log	
<input type="checkbox"/> Well Construction Diagram	
<input type="checkbox"/> Geophysical Log(s)	
<input type="checkbox"/> Soil/Water Chemical Analyses	
<input type="checkbox"/> Other _____	
Attach additional information, if it exists.	

Certification Statement			
I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief			
Name <u>McLean &amp; Williams, Inc.</u>			
Person, Firm or Corporation			
<u>878 El Centro Ave.</u>	<u>Napa</u>	<u>CA</u>	<u>94558</u>
Address	City	State	Zip
Signed <u>[Signature]</u>	<u>6-18-2016</u>	<u>396352</u>	
C-57 Licensed Water Well Contractor	Date Signed	C-57 License Number	

File Original with DWR

State of California  
**Well Completion Report**

Refer to Instruction Pamphlet  
No. **0313815**

DWR Use Only - Do Not Fill In	
State Well Number/Site Number	
Latitude	Longitude
APN/TRS/Other	

Page 1 of 1

Owner's Well Number \_\_\_\_\_

Date Work Began 04/30/2016

Date Work Ended 5/4/2016

Local Permit Agency \_\_\_\_\_

Permit Number E16-00249

Permit Date 4/27/16

Geologic Log		
Orientation <input checked="" type="radio"/> Vertical <input type="radio"/> Horizontal <input type="radio"/> Angle Specify _____		
Drilling Method Air Drilling _____ Drilling Fluid Foam _____		
Depth from Surface		Description
Feet	to Feet	Describe material, grain size, color, etc
0	4	Top soil.
4	18	Brown clay and sand.
18	70	Brown clay.
70	140	Sandstone, black shale with mixed rock.
140	185	Brown clay and boulders
185	260	Sandstone, colored rock and clay.
260	300	Clay with brown and black rock mix.
300	340	Black shale.

Well Owner	
Name _____	
Mailing Address _____	
City _____	State <u>FL</u> Zip <u>33301</u>

Well Location	
Address <u>25 Quail Ridge Drive Lane</u>	
City <u>Napa</u>	County <u>Napa</u>
Latitude _____	N Longitude _____ W
Dec. _____	Min. _____ Sec. _____
Datum _____	Dec. Lat. _____ Dec. Long. _____
APN Book <u>033-</u>	Page <u>140-</u> Parcel <u>052-000</u>
Township _____	Range _____ Section _____

Depth from Surface		Description
Feet	to Feet	Describe material, grain size, color, etc
0	4	Top soil.
4	18	Brown clay and sand.
18	70	Brown clay.
70	140	Sandstone, black shale with mixed rock.
140	185	Brown clay and boulders
185	260	Sandstone, colored rock and clay.
260	300	Clay with brown and black rock mix.
300	340	Black shale.

Location Sketch	Activity
(Sketch must be drawn by hand after form is printed.)	<input checked="" type="radio"/> New Well
	<input type="radio"/> Modification/Repair
	<input type="radio"/> Deepen
	<input type="radio"/> Other _____
	<input type="radio"/> Destroy
	Describe procedures and materials under "GEOLOGIC LOG"
	Planned Uses
	<input checked="" type="radio"/> Water Supply
	<input checked="" type="checkbox"/> Domestic <input type="checkbox"/> Public
	<input type="checkbox"/> Irrigation <input type="checkbox"/> Industrial
	<input type="radio"/> Cathodic Protection
	<input type="radio"/> Dewatering
	<input type="radio"/> Heat Exchange
	<input type="radio"/> Injection
	<input type="radio"/> Monitoring
	<input type="radio"/> Remediation
	<input type="radio"/> Sparging
	<input type="radio"/> Test Well
	<input type="radio"/> Vapor Extraction
	<input type="radio"/> Other _____

\*\*\*\*\* CONTINUED CASING LIST \*\*\*\*\*

280	300	11" Blank	F480 PVC	.316	6.625	
300	320	11" Screen	F480 PVC	.316	6.625	Milled 0.032

Water Level and Yield of Completed Well	
Depth to first water <u>12</u>	(Feet below surface)
Depth to Static _____	
Water Level <u>32</u>	(Feet) Date Measured <u>05/04/2016</u>
Estimated Yield * <u>120</u>	(GPM) Test Type <u>Air Lift</u>
Test Length <u>6.0</u>	(Hours) Total Drawdown <u>88</u> (Feet)
*May not be representative of a well's long term yield.	

Casings							
Depth from Surface	Borehole Diameter	Type	Material	Wall Thickness	Outside Diameter	Screen Type	Slot Size if Any
Feet to Feet	(Inches)			(Inches)	(Inches)		(Inches)
0	60	14	Blank	F480 PVC	.316	6.625	
60	120	11	Screen	F480 PVC	.316	6.625	Milled Slots 0.032
120	140	11	Blank	F480 PVC	.316	6.625	
140	200	11	Screen	F480 PVC	.316	6.625	Milled Slots 0.032
200	220	11	Blank	F480 PVC	.316	6.625	
220	280	11	Screen	F480 PVC	.316	6.625	Milled Slots 0.032

Annular Material			
Depth from Surface	Fill	Description	
Feet to Feet			
0	21	Cement	
21	57	Bentonite	
57	320	Filter Pack	3/8 pea gravel

Attachments	
<input type="checkbox"/> Geologic Log	
<input type="checkbox"/> Well Construction Diagram	
<input type="checkbox"/> Geophysical Log(s)	
<input type="checkbox"/> Soil/Water Chemical Analyses	
<input type="checkbox"/> Other _____	
Attach additional information, if it exists.	

Certification Statement			
I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief			
Name <u>McLean &amp; Williams, Inc.</u>	Person, Firm or Corporation		
<u>878 El Centro Ave.</u>	<u>Napa</u>	<u>CA</u>	<u>94588</u>
Address	City	State	Zip
Signed <u>[Signature]</u>	<u>6-18-2016</u>	<u>396352</u>	
C-57 Licensed Water Well Contractor	Date Signed	C-57 License Number	





**Well Drilling & Pump Service**  
878 El Centro Ave. Napa Ca, 94558  
Office 707-255-6450  
Fax 707-255-6489  
Licenses #396352

SINCE 1949

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## WELL INSPECTION REPORT FOR

Attn: Glen Rice Date of test: June 18, 2016

Upon your request, we have checked the well and/or pressure system at  
25 Quail Ridge, Napa Ca Well # 3

Our findings are as follows:

### WELL INFORMATION

Casing Size: 6" PVC F480 Certalock mechanical joints

Static Water Level: 22.6' from top of well casing

Well Depth: 340' draw down during test: 46.6'

Total water draw down in feet from static water level at end of flow test 24'

How tested: Open Discharge with test equipment and generator

Well yield after test: 30 GPM after 24 hour none stop pumping

Well Comments: Well was drilled April 27, 2016

### WELL EQUIPMENT INFORMATION

Pump Make: Goulds HP 20 Pump Setting: 399' plus pump

Type: Submersible Voltage: 460 Pipe Size: 3" steel test pipe

Pump Model: 80S150 Phase: 3 Wire Size: #6-3 Pressure tank: N/A

Comments: Test Equipment was used on this system and removed at completion

### WATER SAMPLES

Please see attachment.

### FINAL COMMENTS

Please note that flow test results by McLean and Williams Inc. represents the well water yield and system condition for the time of the test only.

Gonzalo Salinas  
McLean & Williams Inc.  
gonzalo@mcleanandwillimas.com

Thank you, Gonzalo Salinas

Date	Time	w/level	flow
6/18/2016	12:00:58	-22.6481	<b>Set flow at 30 GPM and maintain during test This flow rate was chosen based on prior test done</b>
6/18/2016	12:05:58	-25.3389	
6/18/2016	12:10:58	-26.3666	
6/18/2016	12:15:58	-26.3574	
6/18/2016	12:20:58	-26.3203	
6/18/2016	12:25:58	-26.5833	
6/18/2016	12:30:58	-26.6203	
6/18/2016	12:35:58	-26.6203	
6/18/2016	12:40:58	-26.8296	
6/18/2016	12:45:58	-26.9574	
6/18/2016	12:50:58	-26.9481	
6/18/2016	12:55:58	-27.1759	
6/18/2016	13:00:58	-27.3203	<b>30 GPM preset flow first hour of flow test</b>
6/18/2016	13:05:58		
6/18/2016	13:10:58		
6/18/2016	13:15:58		
6/18/2016	13:20:58		
6/18/2016	13:25:58		
6/18/2016	13:30:58		
6/18/2016	13:35:58		
6/18/2016	13:40:58		
6/18/2016	13:45:58		
6/18/2016	13:50:58		
6/18/2016	13:55:58		
6/18/2016	14:00:58	-29.9926	
6/18/2016	14:05:58		30 GPM preset
6/18/2016	14:10:58		
6/18/2016	14:15:58		
6/18/2016	14:20:58		
6/18/2016	14:25:58		
6/18/2016	14:30:58		
6/18/2016	14:35:58		
6/18/2016	14:40:58		
6/18/2016	14:45:58		
6/18/2016	14:50:58		
6/18/2016	14:55:58		
6/18/2016	15:00:58	-33.6326	
6/18/2016	15:05:58		30 GPM preset
6/18/2016	15:10:58		
6/18/2016	15:15:58		
6/18/2016	15:20:58		
6/18/2016	15:25:58		

6/18/2016	15:30:58		
6/18/2016	15:35:58		
6/18/2016	15:40:58		
6/18/2016	15:45:58		
6/18/2016	15:50:58		
6/18/2016	15:55:58		
6/18/2016	16:00:58	-34.3944	30 GPM preset
6/18/2016	16:05:58		
6/18/2016	16:10:58		
6/18/2016	16:15:58		
6/18/2016	16:20:58		
6/18/2016	16:25:58		
6/18/2016	16:30:58		
6/18/2016	16:35:58		
6/18/2016	16:40:58		
6/18/2016	16:45:58		
6/18/2016	16:50:58		
6/18/2016	16:55:58		
6/18/2016	17:00:58	-34.9952	30 GPM preset
6/18/2016	17:05:58		
6/18/2016	17:10:58		
6/18/2016	17:15:58		
6/18/2016	17:20:58		
6/18/2016	17:25:58		
6/18/2016	17:30:58		
6/18/2016	17:35:58		
6/18/2016	17:40:58		
6/18/2016	17:45:58		
6/18/2016	17:50:58		
6/18/2016	17:55:58		
6/18/2016	18:00:58	-36.2896	30 GPM preset
6/18/2016	18:05:58		
6/18/2016	18:10:58		
6/18/2016	18:15:58		
6/18/2016	18:20:58		
6/18/2016	18:25:58		
6/18/2016	18:30:58		
6/18/2016	18:35:58		
6/18/2016	18:40:58		
6/18/2016	18:45:58		
6/18/2016	18:50:58		
6/18/2016	18:55:58		
6/18/2016	19:00:58	-38.5147	30 GPM preset
6/18/2016	19:05:58		
6/18/2016	19:10:58		
6/18/2016	19:15:58		
6/18/2016	19:20:58		
6/18/2016	19:25:58		
6/18/2016	19:30:58		
6/18/2016	19:35:58		



6/18/2016	19:40:58		
6/18/2016	19:45:58		
6/18/2016	19:50:58		
6/18/2016	19:55:58		
6/18/2016	20:00:58	-41.5429	30 GPM preset
6/18/2016	20:05:58		
6/18/2016	20:10:58		
6/18/2016	20:15:58		
6/18/2016	20:20:58		
6/18/2016	20:25:58		
6/18/2016	20:30:58		
6/18/2016	20:35:58		
6/18/2016	20:40:58		
6/18/2016	20:45:58		
6/18/2016	20:50:58		
6/18/2016	20:55:58		
6/18/2016	21:00:58	-43.4788	30 GPM preset
6/18/2016	21:05:58		
6/18/2016	21:10:58		
6/18/2016	21:15:58		
6/18/2016	21:20:58		
6/18/2016	21:25:58		
6/18/2016	21:30:58		
6/18/2016	21:35:58		
6/18/2016	21:40:58		
6/18/2016	21:45:58		
6/18/2016	21:50:58		
6/18/2016	21:55:58		
6/18/2016	22:00:58	-43.9956	30 GPM preset
6/18/2016	22:05:58		
6/18/2016	22:10:58		
6/18/2016	22:15:58		
6/18/2016	22:20:58		
6/18/2016	22:25:58		
6/18/2016	22:30:58		
6/18/2016	22:35:58		
6/18/2016	22:40:58		
6/18/2016	22:45:58		
6/18/2016	22:50:58		
6/18/2016	22:55:58		
6/18/2016	23:00:58	-44.1313	30 GPM preset
6/18/2016	23:05:58		
6/18/2016	23:10:58		
6/18/2016	23:15:58		
6/18/2016	23:20:58		
6/18/2016	23:25:58		
6/18/2016	23:30:58		
6/18/2016	23:35:58		
6/18/2016	23:40:58		
6/18/2016	23:45:58		

6/18/2016	23:50:58		
6/18/2016	23:55:58		
6/19/2016	0:00:58	-44.5592	<b>30 GPM preset 12 hour</b>
6/19/2016	0:05:58		
6/19/2016	0:10:58		
6/19/2016	0:15:58		
6/19/2016	0:20:58		
6/19/2016	0:25:58		
6/19/2016	0:30:58		
6/19/2016	0:35:58		
6/19/2016	0:40:58		
6/19/2016	0:45:58		
6/19/2016	0:50:58		
6/19/2016	0:55:58		
6/19/2016	1:00:58	-45.8936	30 GPM preset
6/19/2016	1:05:58		
6/19/2016	1:10:58		
6/19/2016	1:15:58		
6/19/2016	1:20:58		
6/19/2016	1:25:58		
6/19/2016	1:30:58		
6/19/2016	1:35:58		
6/19/2016	1:40:58		
6/19/2016	1:45:58		
6/19/2016	1:50:58		
6/19/2016	1:55:58		
6/19/2016	2:00:58	-45.9522	30 GPM preset
6/19/2016	2:05:58		
6/19/2016	2:10:58		
6/19/2016	2:15:58		
6/19/2016	2:20:58		
6/19/2016	2:25:58		
6/19/2016	2:30:58		
6/19/2016	2:35:58		
6/19/2016	2:40:58		
6/19/2016	2:45:58		
6/19/2016	2:50:58		
6/19/2016	2:55:58		
6/19/2016	3:00:58	-46.1121	30 GPM preset
6/19/2016	3:05:58		
6/19/2016	3:10:58		
6/19/2016	3:15:58		
6/19/2016	3:20:58		
6/19/2016	3:25:58		
6/19/2016	3:30:58		
6/19/2016	3:35:58		
6/19/2016	3:40:58		
6/19/2016	3:45:58		
6/19/2016	3:50:58		
6/19/2016	3:55:58		

30 GPM preset

6/19/2016	4:00:58	-46.1199	
6/19/2016	4:05:58		
6/19/2016	4:10:58		
6/19/2016	4:15:58		
6/19/2016	4:20:58		
6/19/2016	4:25:58		
6/19/2016	4:30:58		
6/19/2016	4:35:58		
6/19/2016	4:40:58		
6/19/2016	4:45:58		
6/19/2016	4:50:58		
6/19/2016	4:55:58		
6/19/2016	5:00:58	-46.2168	30 GPM preset
6/19/2016	5:05:58		
6/19/2016	5:10:58		
6/19/2016	5:15:58		
6/19/2016	5:20:58		
6/19/2016	5:25:58		
6/19/2016	5:30:58		
6/19/2016	5:35:58		
6/19/2016	5:40:58		
6/19/2016	5:45:58		
6/19/2016	5:50:58		
6/19/2016	5:55:58		
6/19/2016	6:00:58	-46.2238	30 GPM preset
6/19/2016	6:05:58		
6/19/2016	6:10:58		
6/19/2016	6:15:58		
6/19/2016	6:20:58		
6/19/2016	6:25:58		
6/19/2016	6:30:58		
6/19/2016	6:35:58		
6/19/2016	6:40:58		
6/19/2016	6:45:58		
6/19/2016	6:50:58		
6/19/2016	6:55:58		
6/19/2016	7:00:58	-46.3365	30 GPM preset
6/19/2016	7:05:58		
6/19/2016	7:10:58		
6/19/2016	7:15:58		
6/19/2016	7:20:58		
6/19/2016	7:25:58		
6/19/2016	7:30:58		
6/19/2016	7:35:58		
6/19/2016	7:40:58		
6/19/2016	7:45:58		
6/19/2016	7:50:58		
6/19/2016	7:55:58		
6/19/2016	8:00:58	-46.3422	30 GPM preset
6/19/2016	8:05:58		

6/19/2016	8:10:58		
6/19/2016	8:15:58		
6/19/2016	8:20:58		
6/19/2016	8:25:58		
6/19/2016	8:30:58		
6/19/2016	8:35:58		
6/19/2016	8:40:58		
6/19/2016	8:45:58		
6/19/2016	8:50:58		
6/19/2016	8:55:58		30 GPM preset
6/19/2016	9:00:58	-46.1403	
6/19/2016	9:05:58		
6/19/2016	9:10:58		
6/19/2016	9:15:58		
6/19/2016	9:20:58		
6/19/2016	9:25:58		
6/19/2016	9:30:58		
6/19/2016	9:35:58		
6/19/2016	9:40:58		
6/19/2016	9:45:58		
6/19/2016	9:50:58		
6/19/2016	9:55:58		
6/19/2016	10:00:58	-46.4336	30 GPM preset
6/19/2016	10:05:58		
6/19/2016	10:10:58		
6/19/2016	10:15:58		
6/19/2016	10:20:58		
6/19/2016	10:25:58		
6/19/2016	10:30:58		
6/19/2016	10:35:58		
6/19/2016	10:40:58		
6/19/2016	10:45:58		
6/19/2016	10:50:58		
6/19/2016	10:55:58		
6/19/2016	11:00:58	-46.5003	30 GPM preset
6/19/2016	11:05:58		
6/19/2016	11:10:58		
6/19/2016	11:15:58		
6/19/2016	11:20:58		
6/19/2016	11:25:58		
6/19/2016	11:30:58		
6/19/2016	11:35:58		
6/19/2016	11:40:58		
6/19/2016	11:45:58		
6/19/2016	11:50:58		
6/19/2016	11:55:58		
6/19/2016	12:00:58	-46.6698	<b>30 GPM preset- 24 hours none stop flow test.</b>
6/19/2016	12:05:58		
6/19/2016	12:10:58		
6/19/2016	12:15:58		

6/19/2016	12:20:58
6/19/2016	12:25:58
6/19/2016	12:30:58
6/19/2016	12:35:58
6/19/2016	12:40:58
6/19/2016	12:45:58
6/19/2016	12:50:58
6/19/2016	12:55:58
6/19/2016	13:00:58
6/19/2016	13:05:58
6/19/2016	13:10:58
6/19/2016	13:15:58
6/19/2016	13:20:58
6/19/2016	13:25:58
6/19/2016	13:30:58
6/19/2016	13:35:58
6/19/2016	13:40:58
6/19/2016	13:45:58
6/19/2016	13:50:58
6/19/2016	13:55:58
6/19/2016	14:00:58
6/19/2016	14:05:58
6/19/2016	14:10:58
6/19/2016	14:15:58
6/19/2016	14:20:58
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6/19/2016	14:35:58
6/19/2016	14:40:58
6/19/2016	14:45:58
6/19/2016	14:50:58
6/19/2016	14:55:58
6/19/2016	15:00:58
6/19/2016	15:05:58
6/19/2016	15:10:58
6/19/2016	15:15:58
6/19/2016	15:20:58
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6/19/2016	15:35:58
6/19/2016	15:40:58
6/19/2016	15:45:58
6/19/2016	15:50:58
6/19/2016	15:55:58
6/19/2016	16:00:58
6/19/2016	16:05:58
6/19/2016	16:10:58
6/19/2016	16:15:58
6/19/2016	16:20:58
6/19/2016	16:25:58

6/19/2016 16:30:58  
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6/19/2016 16:40:58  
6/19/2016 16:45:58  
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6/19/2016 17:00:58  
6/19/2016 17:05:58  
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6/19/2016 20:00:58  
6/19/2016 20:05:58  
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6/19/2016 20:15:58  
6/19/2016 20:20:58  
6/19/2016 20:25:58  
6/19/2016 20:30:58

-47.0025

**30 GPM preset- 30 hours none stop flow test.**

6/19/2016	20:35:58
6/19/2016	20:40:58
6/19/2016	20:45:58
6/19/2016	20:50:58
6/19/2016	20:55:58
6/19/2016	21:00:58
6/19/2016	21:05:58
6/19/2016	21:10:58
6/19/2016	21:15:58
6/19/2016	21:20:58
6/19/2016	21:25:58
6/19/2016	21:30:58
6/19/2016	21:35:58
6/19/2016	21:40:58
6/19/2016	21:45:58
6/19/2016	21:50:58
6/19/2016	21:55:58
6/19/2016	22:00:58
6/19/2016	22:05:58
6/19/2016	22:10:58
6/19/2016	22:15:58
6/19/2016	22:20:58
6/19/2016	22:25:58
6/19/2016	22:30:58
6/19/2016	22:35:58
6/19/2016	22:40:58
6/19/2016	22:45:58
6/19/2016	22:50:58
6/19/2016	22:55:58
6/19/2016	23:00:58
6/19/2016	23:05:58
6/19/2016	23:10:58
6/19/2016	23:15:58
6/19/2016	23:20:58
6/19/2016	23:25:58
6/19/2016	23:30:58
6/19/2016	23:35:58
6/19/2016	23:40:58
6/19/2016	23:45:58
6/19/2016	23:50:58
6/19/2016	23:55:58
6/20/2016	0:00:58
6/20/2016	0:05:58
6/20/2016	0:10:58
6/20/2016	0:15:58
6/20/2016	0:20:58
6/20/2016	0:25:58
6/20/2016	0:30:58
6/20/2016	0:35:58
6/20/2016	0:40:58

-46.7555

**30 GPM preset- 36 hours none stop flow test.**

6/20/2016	0:45:58
6/20/2016	0:50:58
6/20/2016	0:55:58
6/20/2016	1:00:58
6/20/2016	1:05:58
6/20/2016	1:10:58
6/20/2016	1:15:58
6/20/2016	1:20:58
6/20/2016	1:25:58
6/20/2016	1:30:58
6/20/2016	1:35:58
6/20/2016	1:40:58
6/20/2016	1:45:58
6/20/2016	1:50:58
6/20/2016	1:55:58
6/20/2016	2:00:58
6/20/2016	2:05:58
6/20/2016	2:10:58
6/20/2016	2:15:58
6/20/2016	2:20:58
6/20/2016	2:25:58
6/20/2016	2:30:58
6/20/2016	2:35:58
6/20/2016	2:40:58
6/20/2016	2:45:58
6/20/2016	2:50:58
6/20/2016	2:55:58

6/20/2016	3:00:58
6/20/2016	3:05:58
6/20/2016	3:10:58
6/20/2016	3:15:58
6/20/2016	3:20:58
6/20/2016	3:25:58
6/20/2016	3:30:58
6/20/2016	3:35:58
6/20/2016	3:40:58
6/20/2016	3:45:58
6/20/2016	3:50:58
6/20/2016	3:55:58
6/20/2016	4:00:58
6/20/2016	4:05:58
6/20/2016	4:10:58
6/20/2016	4:15:58
6/20/2016	4:20:58
6/20/2016	4:25:58
6/20/2016	4:30:58
6/20/2016	4:35:58
6/20/2016	4:40:58
6/20/2016	4:45:58



6/20/2016	4:50:58		
6/20/2016	4:55:58		
6/20/2016	5:00:58		
6/20/2016	5:05:58		
6/20/2016	5:10:58		
6/20/2016	5:15:58		
6/20/2016	5:20:58		
6/20/2016	5:25:58		
6/20/2016	5:30:58		
6/20/2016	5:35:58		
6/20/2016	5:40:58		
6/20/2016	5:45:58		
6/20/2016	5:50:58		
6/20/2016	5:55:58		
6/20/2016	6:00:58	-46.5589	30 GPM preset- 42 hours none stop flow test.
6/20/2016	6:05:58		
6/20/2016	6:10:58		
6/20/2016	6:15:58		
6/20/2016	6:20:58		
6/20/2016	6:25:58		
6/20/2016	6:30:58		
6/20/2016	6:35:58		
6/20/2016	6:40:58		
6/20/2016	6:45:58		
6/20/2016	6:50:58		
6/20/2016	6:55:58		
6/20/2016	7:00:58		
6/20/2016	7:05:58		
6/20/2016	7:10:58		
6/20/2016	7:15:58		
6/20/2016	7:20:58		
6/20/2016	7:25:58		
6/20/2016	7:30:58		
6/20/2016	7:35:58		
6/20/2016	7:40:58		
6/20/2016	7:45:58		
6/20/2016	7:50:58		
6/20/2016	7:55:58		
6/20/2016	8:00:58		
6/20/2016	8:05:58		
6/20/2016	8:10:58		
6/20/2016	8:15:58		
6/20/2016	8:20:58		
6/20/2016	8:25:58		
6/20/2016	8:30:58		
6/20/2016	8:35:58		
6/20/2016	8:40:58		
6/20/2016	8:45:58		
6/20/2016	8:50:58		
6/20/2016	8:55:58		

6/20/2016	9:00:58		
6/20/2016	9:05:58		
6/20/2016	9:10:58		
6/20/2016	9:15:58		
6/20/2016	9:20:58		
6/20/2016	9:25:58		
6/20/2016	9:30:58		
6/20/2016	9:35:58		
6/20/2016	9:40:58		
6/20/2016	9:45:58		
6/20/2016	9:50:58		
6/20/2016	9:55:58		
6/20/2016	10:00:58		
6/20/2016	10:05:58		
6/20/2016	10:10:58		
6/20/2016	10:15:58		
6/20/2016	10:20:58		
6/20/2016	10:25:58		
6/20/2016	10:30:58		
6/20/2016	10:35:58		
6/20/2016	10:40:58		
6/20/2016	10:45:58		
6/20/2016	10:50:58		
6/20/2016	10:55:58		
6/20/2016	11:00:58		
6/20/2016	11:05:58		
6/20/2016	11:10:58		
6/20/2016	11:15:58		
6/20/2016	11:20:58		
6/20/2016	11:25:58		
6/20/2016	11:30:58		
6/20/2016	11:35:58		
6/20/2016	11:40:58		
6/20/2016	11:45:58		
6/20/2016	11:50:58		
6/20/2016	11:55:58		
6/20/2016	12:00:58	-46.5542	<b>30 GPM preset- 48 hours none stop flow test/ stop running</b>
6/20/216	12:05:58	-29.4523	<b>First 5 minutes beginning of recovery water level</b>
6/20/216	12:10:58	-28.9832	
6/20/216	12:15:58		
6/20/216	12:20:58		
6/20/216	12:25:58		
6/20/216	12:30:58		
6/20/216	12:35:58		
6/20/216	12:40:58		
6/20/216	12:45:58		
6/20/216	12:50:58		
6/20/216	12:55:58		
6/20/216	13:00:58	-26.2525	<b>First 1 hour of recovery water level</b>

6/20/216	13:05:58	
6/20/216	13:10:58	
6/20/216	13:15:58	
6/20/216	13:20:58	
6/20/216	13:25:58	
6/20/216	13:30:58	
6/20/216	13:35:58	
6/20/216	13:40:58	
6/20/216	13:45:58	
6/20/216	13:50:58	
6/20/216	13:55:58	
6/20/216	14:00:58	-25.3345
6/20/216	14:05:58	
6/20/216	14:10:58	
6/20/216	14:15:58	
6/20/216	14:20:58	
6/20/216	14:25:58	
6/20/216	14:30:58	
6/20/216	14:35:58	
6/20/216	14:40:58	
6/20/216	14:45:58	
6/20/216	14:50:58	
6/20/216	14:55:58	
6/20/216	15:00:58	25.4298
6/20/216	15:05:58	
6/20/216	15:10:58	
6/20/216	15:15:58	
6/20/216	15:20:58	
6/20/216	15:25:58	
6/20/216	15:30:58	
6/20/216	15:35:58	
6/20/216	15:40:58	
6/20/216	15:45:58	
6/20/216	15:50:58	
6/20/216	15:55:58	
6/20/216	16:00:58	-25.2555
6/20/216	16:05:58	
6/20/216	16:10:58	
6/20/216	16:15:58	
6/20/216	16:20:58	
6/20/216	16:25:58	
6/20/216	16:30:58	
6/20/216	16:35:58	
6/20/216	16:40:58	
6/20/216	16:45:58	
6/20/216	16:50:58	
6/20/216	16:55:58	
6/20/216	17:00:58	-24.9874
6/20/216	17:05:58	
6/20/216	17:10:58	

6/20/216	17:15:58		
6/20/216	17:20:58		
6/20/216	17:25:58		
6/20/216	17:30:58		
6/20/216	17:35:58		
6/20/216	17:40:58		
6/20/216	17:45:58		
6/20/216	17:50:58		
6/20/216	17:55:58		
6/20/216	18:00:58	-24.5678	<b>6 hours of recovery water level</b>
6/20/216	18:05:58		
6/20/216	18:10:58		
6/20/216	18:15:58		
6/20/216	18:20:58		
6/20/216	18:25:58		
6/20/216	18:30:58		
6/20/216	18:35:58		
6/20/216	18:40:58		
6/20/216	18:45:58		
6/20/216	18:50:58		
6/20/216	18:55:58		
6/20/216	19:00:58	-24.4466	
6/20/216	19:05:58		
6/20/216	19:10:58		
6/20/216	19:15:58		
6/20/216	19:20:58		
6/20/216	19:25:58		
6/20/216	19:30:58		
6/20/216	19:35:58		
6/20/216	19:40:58		
6/20/216	19:45:58		
6/20/216	19:50:58		
6/20/216	19:55:58		
6/20/216	20:00:58	-24.2235	
6/20/216	20:05:58		
6/20/216	20:10:58		
6/20/216	20:15:58		
6/20/216	20:20:58		
6/20/216	20:25:58		
6/20/216	20:30:58		
6/20/216	20:35:58		
6/20/216	20:40:58		
6/20/216	20:45:58		
6/20/216	20:50:58		
6/20/216	20:55:58	-24.0015	
6/20/216	21:00:58		
6/20/216	21:05:58		
6/20/216	21:10:58		
6/20/216	21:15:58		
6/20/216	21:20:58		

6/20/216	21:25:58	
6/20/216	21:30:58	
6/20/216	21:35:58	
6/20/216	21:40:58	
6/20/216	21:45:58	
6/20/216	21:50:58	
6/20/216	21:55:58	
6/20/216	22:00:58	-23.8554
6/20/216	22:05:58	
6/20/216	22:10:58	
6/20/216	22:15:58	
6/20/216	22:20:58	
6/20/216	22:25:58	
6/20/216	22:30:58	
6/20/216	22:35:58	
6/20/216	22:40:58	
6/20/216	22:45:58	
6/20/216	22:50:58	
6/20/216	22:55:58	
6/20/216	23:00:58	-23.4598
6/20/216	23:05:58	
6/20/216	23:10:58	
6/20/216	23:15:58	
6/20/216	23:20:58	
6/20/216	23:25:58	
6/20/216	23:30:58	
6/20/216	23:35:58	
6/20/216	23:40:58	
6/20/216	23:45:58	
6/20/216	23:50:58	
6/20/216	23:55:58	

6/21/2016	0:00:58	- 23.5564	<b>12 hours of recovery water level</b>
6/21/2016	0:05:58		
6/21/2016	0:10:58		
6/21/2016	0:15:58		
6/21/2016	0:20:58		
6/21/2016	0:25:58		
6/21/2016	0:30:58		
6/21/2016	0:35:58		
6/21/2016	0:40:58		
6/21/2016	0:45:58		
6/21/2016	0:50:58		
6/21/2016	0:55:58		
6/21/2016	1:00:58		
6/21/2016	1:05:58		
6/21/2016	1:10:58		
6/21/2016	1:15:58		
6/21/2016	1:20:58		
6/21/2016	1:25:58		

6/21/2016	1:30:58	
6/21/2016	1:35:58	
6/21/2016	1:40:58	
6/21/2016	1:45:58	
6/21/2016	1:50:58	
6/21/2016	1:55:58	
6/21/2016	2:00:58	-23.6897
6/21/2016	2:05:58	
6/21/2016	2:10:58	
6/21/2016	2:15:58	
6/21/2016	2:20:58	
6/21/2016	2:25:58	
6/21/2016	2:30:58	
6/21/2016	2:35:58	
6/21/2016	2:40:58	
6/21/2016	2:45:58	
6/21/2016	2:50:58	
6/21/2016	2:55:58	
6/21/2016	3:00:58	
6/21/2016	3:05:58	
6/21/2016	3:10:58	
6/21/2016	3:15:58	
6/21/2016	3:20:58	
6/21/2016	3:25:58	
6/21/2016	3:30:58	
6/21/2016	3:35:58	
6/21/2016	3:40:58	
6/21/2016	3:45:58	
6/21/2016	3:50:58	
6/21/2016	3:55:58	
6/21/2016	4:00:58	
6/21/2016	4:05:58	
6/21/2016	4:10:58	
6/21/2016	4:15:58	
6/21/2016	4:20:58	
6/21/2016	4:25:58	
6/21/2016	4:30:58	
6/21/2016	4:35:58	
6/21/2016	4:40:58	
6/21/2016	4:45:58	
6/21/2016	4:50:58	
6/21/2016	4:55:58	
6/21/2016	5:00:58	-23.7235
6/21/2016	5:05:58	
6/21/2016	5:10:58	
6/21/2016	5:15:58	
6/21/2016	5:20:58	
6/21/2016	5:25:58	
6/21/2016	5:30:58	
6/21/2016	5:35:58	

6/21/2016	5:40:58	
6/21/2016	5:45:58	
6/21/2016	5:50:58	
6/21/2016	5:55:58	
6/21/2016	6:00:58	
6/21/2016	6:05:58	
6/21/2016	6:10:58	
6/21/2016	6:15:58	
6/21/2016	6:20:58	
6/21/2016	6:25:58	
6/21/2016	6:30:58	
6/21/2016	6:35:58	
6/21/2016	6:40:58	
6/21/2016	6:45:58	
6/21/2016	6:50:58	
6/21/2016	6:55:58	
6/21/2016	7:00:58	-23.5885
6/21/2016	7:05:58	
6/21/2016	7:10:58	
6/21/2016	7:15:58	
6/21/2016	7:20:58	
6/21/2016	7:25:58	
6/21/2016	7:30:58	
6/21/2016	7:35:58	
6/21/2016	7:40:58	
6/21/2016	7:45:58	
6/21/2016	7:50:58	
6/21/2016	7:55:58	
6/21/2016	8:00:58	
6/21/2016	8:05:58	
6/21/2016	8:10:58	
6/21/2016	8:15:58	
6/21/2016	8:20:58	
6/21/2016	8:25:58	
6/21/2016	8:30:58	
6/21/2016	8:35:58	
6/21/2016	8:40:58	
6/21/2016	8:45:58	
6/21/2016	8:50:58	
6/21/2016	8:55:58	
6/21/2016	9:00:58	-23.33.51
6/21/2016	9:05:58	
6/21/2016	9:10:58	
6/21/2016	9:15:58	
6/21/2016	9:20:58	
6/21/2016	9:25:58	
6/21/2016	9:30:58	
6/21/2016	9:35:58	
6/21/2016	9:40:58	
6/21/2016	9:45:58	

6/21/2016	9:50:58		
6/21/2016	9:55:58		
6/21/2016	10:00:58		
6/21/2016	10:05:58		
6/21/2016	10:10:58		
6/21/2016	10:15:58		
6/21/2016	10:20:58		
6/21/2016	10:25:58		
6/21/2016	10:30:58		
6/21/2016	10:35:58		
6/21/2016	10:40:58		
6/21/2016	10:45:58		
6/21/2016	10:50:58		
6/21/2016	10:55:58		
6/21/2016	11:00:58		
6/21/2016	11:05:58		
6/21/2016	11:10:58		
6/21/2016	11:15:58		
6/21/2016	11:20:58		
6/21/2016	11:25:58		
6/21/2016	11:30:58		
6/21/2016	11:35:58		
6/21/2016	11:40:58		
6/21/2016	11:45:58		
6/21/2016	11:50:58		
6/21/2016	11:55:58		
6/21/2016	12:00:58	-23.2257	<b>24 hours of recovery water level monitoring</b>
6/21/2016	12:05:58		
6/21/2016	12:10:58		
6/21/2016	12:15:58		
6/21/2016	12:20:58		
6/21/2016	12:25:58		
6/21/2016	12:30:58		
6/21/2016	12:35:58		
6/21/2016	12:40:58		
6/21/2016	12:45:58		
6/21/2016	12:50:58		
6/21/2016	12:55:58		
6/21/2016	13:00:58		
6/21/2016	13:05:58		
6/21/2016	13:10:58		
6/21/2016	13:15:58		
6/21/2016	13:20:58		
6/21/2016	13:25:58		
6/21/2016	13:30:58		
6/21/2016	13:35:58		
6/21/2016	13:40:58		
6/21/2016	13:45:58		
6/21/2016	13:50:58		
6/21/2016	13:55:58		



6/21/2016	14:00:58	-23.2177
6/21/2016	14:05:58	
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6/21/2016	14:50:58	
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6/21/2016	22:05:58	
6/21/2016	22:10:58	
6/21/2016	22:15:58	

6/21/2016	22:20:58		
6/21/2016	22:25:58		
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6/21/2016	22:35:58		
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6/22/2016	0:00:58	-23.7893	<b>36 hours of recovery water level</b>
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6/22/2016	0:15:58		
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6/22/2016	0:25:58		
6/22/2016	0:30:58		
6/22/2016	0:35:58		
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6/22/2016	1:40:58		
6/22/2016	1:45:58		
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6/22/2016	4:45:58	
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6/22/2016	5:40:58	
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6/22/2016	10:20:58	
6/22/2016	10:25:58	
6/22/2016	10:30:58	
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6/22/2016	10:40:58	

6/22/2016	10:45:58		
6/22/2016	10:50:58		
6/22/2016	10:55:58		
6/22/2016	11:00:58		
6/22/2016	11:05:58		
6/22/2016	11:10:58		
6/22/2016	11:15:58		
6/22/2016	11:20:58		
6/22/2016	11:25:58		
6/22/2016	11:30:58		
6/22/2016	11:35:58		
6/22/2016	11:40:58		
6/22/2016	11:45:58		
6/22/2016	11:50:58		
6/22/2016	11:55:58		
6/22/2016	12:00:58	23.9121	<b>48 hours of recovery water level</b>

Water level at beginning of flow test 22.5481

Recovery water level after 48 hours 23.9121

Water level recover approx. 1.3' short of reaching original static level at beginning of test  
an estimated 86.400.000 gallons pumped during flow test



Well Drilling & Pump Service  
878 El Centro Ave. Napa Ca, 94558  
Office 707-255-6450  
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Lic. #396352

SINCE 1949

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## WELL INSPECTION REPORT FOR:

Attn: Quantum Limit Vineyards c/o Glen Rice Date of test: September 1<sup>st</sup>, 2016

Upon your request, we have checked the well and/or pressure system at  
25 Quail Ridge Dr., Napa Well # 4

Our findings are as follows:

### WELL INFORMATION

Casing Size: 6" PVC Certa lock F480 well casing

Static Water Level: 143.3' from top of well casing at time of test

Well Depth: 360' draw down during test: 161' from top of well casing

Total water draw down in feet from static water level at end of flow test 17.7'

How tested: Open discharge using test pumping equipment and generator

Well yield after test: 39 GPM in recovery after 52hours and 30 minutes @ 161' pumping level during flow test.

Well Comments: Well was constructed 10-19-2013 and was estimated to yield 40 GPM.

### WELL EQUIPMENT INFORMATION

Pump Make: Goulds HP 20 Pump Setting: 336' from top of well casing

Type: Submersible Voltage: 460 Pipe Size: 2" galvanized

Pump Model: Goulds 80S150 Phase: 3 Wire Size: Submersible cable #6-3/wg

Pump Saver: Symcom 77C Pressure tank: open discharge

Comments: Well test pump install to perform flow test and removed at completion

### FINAL COMMENTS

10 All measurements were taken to the top of the wellhead using a submersible pressure transducer with data logger and an electronic water level indicator 1-1/10<sup>th</sup> of an inch measurement.

Please note that flow test results by McLean and Williams Inc. represents the well water yield and system condition for the time of the test only.

We recommend customer to pump a maximum of 30 GPM to keep well healthy

Thank you, *Gonzalo Salinas*

Gonzalo Salinas  
McLean & Williams Inc.  
[Gonzalo.mwinc@sbcglobal.net](mailto:Gonzalo.mwinc@sbcglobal.net)

## WELL TEST INFORMATION

Date	Time	laps	# reading	Water level	GPM	Total Gallons	
9/1/2016	10:01:16	0:00:00	0	143.335	0	518.6489	
9/1/2016	10:06:16	0:05:00	5	-147.55	42.76667	518.7213	Start test
9/1/2016	10:11:16	0:10:00	10	148.657	38.73333	518.9288	
9/1/2016	10:16:16	0:15:00	15	149.145	39	519.1253	
9/1/2016	10:21:16	0:20:00	20	149.422	38.76667	519.319	
9/1/2016	10:26:16	0:25:00	25	149.585	38.93333	519.513	
9/1/2016	10:31:16	0:30:00	30	149.682	38.96667	519.7082	
9/1/2016	10:36:16	0:35:00	35	149.764	38.76667	519.9023	
9/1/2016	10:41:16	0:40:00	40	149.943	39	520.0961	
9/1/2016	10:46:16	0:45:00	45	149.975	38.9	520.2916	
9/1/2016	10:51:16	0:50:00	50	150.057	38.5	520.4851	
9/1/2016	10:56:16	0:55:00	55	150.073	38.96667	520.6798	
9/1/2016	11:01:16	1:00:00	60	150.171	39.16667	520.8756	
9/1/2016	11:06:16	1:05:00	65	150.138	38.8	521.0707	
9/1/2016	11:11:16	1:10:00	70	150.236	39	521.2661	
9/1/2016	11:16:16	1:15:00	75	150.268	38.83333	521.4605	
9/1/2016	11:21:16	1:20:00	80	150.285	39.43333	521.6556	
9/1/2016	11:26:16	1:25:00	85	150.382	39.43333	521.8522	
9/1/2016	11:31:16	1:30:00	90	150.399	39.13334	522.0485	
9/1/2016	11:36:16	1:35:00	95	150.366	39.06667	522.2445	
9/1/2016	11:41:16	1:40:00	100	150.447	39.13334	522.4398	



9/1/2016	11:46:16	1:45:00	105	150.496	38.2	522.6352
				-		
9/1/2016	11:51:16	1:50:00	110	150.594	39.13334	522.8314
				-		
9/1/2016	11:56:16	1:55:00	115	150.626	39.43333	523.028
				-		
9/1/2016	12:01:16	2:00:00	120	150.545	38.7	523.2249
				-		
9/1/2016	12:06:16	2:05:00	125	150.626	39.23333	523.4207
9/1/2016	12:11:16	2:10:00	130	-150.61	38.53333	523.6158
				-		
9/1/2016	12:16:16	2:15:00	135	150.659	39.2	523.8109
				-		
9/1/2016	12:21:16	2:20:00	140	150.724	39.73333	524.0071
				-		
9/1/2016	12:26:16	2:25:00	145	150.757	38.86666	524.2021
				-		
9/1/2016	12:31:16	2:30:00	150	150.757	39.26667	524.3977
				-		
9/1/2016	12:36:16	2:35:00	155	150.757	38.83333	524.5934
				-		
9/1/2016	12:41:16	2:40:00	160	150.838	39	524.7893
				-		
9/1/2016	12:46:16	2:45:00	165	150.854	39.1	524.9858
				-		
9/1/2016	12:51:16	2:50:00	170	150.871	38.93333	525.1811
				-		
9/1/2016	12:56:16	2:55:00	175	150.919	39.36666	525.3768
				-		
9/1/2016	13:01:16	3:00:00	180	150.952	39.16667	525.5732
				-		
9/1/2016	13:06:16	3:05:00	185	150.985	38.73333	525.77
				-		
9/1/2016	13:11:16	3:10:00	190	150.985	38.93333	525.9661
				-		
9/1/2016	13:16:16	3:15:00	195	151.066	39.2	526.1627
				-		
9/1/2016	13:21:16	3:20:00	200	151.082	37.83333	526.3589
				-		
9/1/2016	13:26:16	3:25:00	205	151.066	38.9	526.5546
				-		
9/1/2016	13:31:16	3:30:00	210	151.066	39.36666	526.7501
9/1/2016	13:36:16	3:35:00	215	-151.18	39.36666	526.9451
				-		
9/1/2016	13:41:16	3:40:00	220	151.131	39.33333	527.1409
				-		
9/1/2016	13:46:16	3:45:00	225	151.164	38.76667	527.3362
				-		
9/1/2016	13:51:16	3:50:00	230	151.212	39.66667	527.5328
				-		
9/1/2016	13:56:16	3:55:00	235	151.261	39.56667	527.7297

9/1/2016	14:01:16	4:00:00	240	151.294	39.73333	527.9257
				-		
9/1/2016	14:06:16	4:05:00	245	151.294	36.93333	528.1238
				-		
9/1/2016	14:11:16	4:10:00	250	151.408	39.43333	528.3228
				-		
9/1/2016	14:16:16	4:15:00	255	151.375	39.63334	528.5201
9/1/2016	14:21:16	4:20:00	260	-151.44	40	528.718
				-		
9/1/2016	14:26:16	4:25:00	265	151.457	39.36666	528.9163
				-		
9/1/2016	14:31:16	4:30:00	270	151.424	39.53333	529.1132
				-		
9/1/2016	14:36:16	4:35:00	275	151.489	39.96667	529.3104
				-		
9/1/2016	14:41:16	4:40:00	280	151.538	38.93333	529.508
				-		
9/1/2016	14:46:16	4:45:00	285	151.505	39.4	529.7056
				-		
9/1/2016	14:51:16	4:50:00	290	151.603	39.86666	529.9021
				-		
9/1/2016	14:56:16	4:55:00	295	151.603	39.9	530.1012
				-		
9/1/2016	15:01:16	5:00:00	300	151.619	39.66667	530.2996
				-		
9/1/2016	15:06:16	5:05:00	305	151.636	39.3	530.4979
				-		
9/1/2016	15:11:16	5:10:00	310	151.733	39.76667	530.6937
				-		
9/1/2016	15:16:16	5:15:00	315	151.701	39.73333	530.891
				-		
9/1/2016	15:21:16	5:20:00	320	151.782	39.66667	531.0896
				-		
9/1/2016	15:26:16	5:25:00	325	151.766	39.73333	531.2857
				-		
9/1/2016	15:31:16	5:30:00	330	151.782	41.16667	531.4861
				-		
9/1/2016	15:36:16	5:35:00	335	151.847	39.46667	531.685
9/1/2016	15:41:16	5:40:00	340	-151.88	39.36666	531.8829
9/1/2016	15:46:16	5:45:00	345	-151.88	39.33333	532.0806
				-		
9/1/2016	15:51:16	5:50:00	350	151.847	39.63334	532.2791
				-		
9/1/2016	15:56:16	5:55:00	355	151.912	39.66667	532.4783
				-		
9/1/2016	16:01:16	6:00:00	360	151.896	39.76667	532.6745
9/1/2016	16:06:16	6:05:00	365	-152.01	39.8	532.8728
				-		
9/1/2016	16:11:16	6:10:00	370	151.994	39.13334	533.0709
				-		
9/1/2016	16:16:16	6:15:00	375	152.026	39.93333	533.2687

9/1/2016	16:21:16	6:20:00	380	152.108	39.36666	533.4673
				-		
9/1/2016	16:26:16	6:25:00	385	152.026	39.5	533.668
				-		
9/1/2016	16:31:16	6:30:00	390	152.043	39.53333	533.8688
				-		
9/1/2016	16:36:16	6:35:00	395	152.091	39.76667	534.0663
9/1/2016	16:41:16	6:40:00	400	-152.14	39.5	534.2646
				-		
9/1/2016	16:46:16	6:45:00	405	152.173	39.33333	534.4627
				-		
9/1/2016	16:51:16	6:50:00	410	152.222	40.13334	534.6596
				-		
9/1/2016	16:56:16	6:55:00	415	152.287	39.03333	534.8582
				-		
9/1/2016	17:01:16	7:00:00	420	152.222	39.7	535.056
				-		
9/1/2016	17:06:16	7:05:00	425	152.238	37.83333	535.253
				-		
9/1/2016	17:11:16	7:10:00	430	152.287	39.66667	535.4486
				-		
9/1/2016	17:16:16	7:15:00	435	152.319	39.6	535.6466
				-		
9/1/2016	17:21:16	7:20:00	440	152.352	39.73333	535.8451
				-		
9/1/2016	17:26:16	7:25:00	445	152.417	40.33333	536.0457
				-		
9/1/2016	17:31:16	7:30:00	450	152.401	39.76667	536.2451
				-		
9/1/2016	17:36:16	7:35:00	455	152.417	43.43333	536.4467
				-		
9/1/2016	17:41:16	7:40:00	460	152.466	39.93333	536.6447
				-		
9/1/2016	17:46:16	7:45:00	465	152.531	39.4	536.8427
				-		
9/1/2016	17:51:16	7:50:00	470	152.514	39.83333	537.0424
9/1/2016	17:56:16	7:55:00	475	-152.58	40.1	537.241
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9/1/2016	18:01:16	8:00:00	480	152.596	39.3	537.4397
9/1/2016	18:06:16	8:05:00	485	-152.58	39.93333	537.6381
				-		
9/1/2016	18:11:16	8:10:00	490	152.628	39.46667	537.8322
				-		
9/1/2016	18:16:16	8:15:00	495	152.693	40.2	538.0312
				-		
9/1/2016	18:21:16	8:20:00	500	152.759	39.36666	538.2309
				-		
9/1/2016	18:26:16	8:25:00	505	152.726	39.83333	538.4293
				-		
9/1/2016	18:31:16	8:30:00	510	152.759	40.13334	538.6293
				-		
9/1/2016	18:36:16	8:35:00	515	152.759	39.63334	538.8284

9/1/2016	18:41:16	8:40:00	520	152.759	39.96667	539.0272
				-		
9/1/2016	18:46:16	8:45:00	525	152.873	40.1	539.2266
				-		
9/1/2016	18:51:16	8:50:00	530	152.873	39.13334	539.4257
				-		
9/1/2016	18:56:16	8:55:00	535	152.921	40.1	539.6257
				-		
9/1/2016	19:01:16	9:00:00	540	152.921	39.7	539.8239
				-		
9/1/2016	19:06:16	9:05:00	545	153.019	40.9	540.027
				-		
9/1/2016	19:11:16	9:10:00	550	152.986	39.93333	540.2257
9/1/2016	19:16:16	9:15:00	555	-152.97	41.86666	540.4268
				-		
9/1/2016	19:21:16	9:20:00	560	153.035	39.36666	540.6251
				-		
9/1/2016	19:26:16	9:25:00	565	153.035	40.13334	540.8259
				-		
9/1/2016	19:31:16	9:30:00	570	153.052	39.6	541.0263
				-		
9/1/2016	19:36:16	9:35:00	575	153.068	39.6	541.2269
				-		
9/1/2016	19:41:16	9:40:00	580	153.133	39.66667	541.4269
				-		
9/1/2016	19:46:16	9:45:00	585	153.084	39.9	541.6277
				-		
9/1/2016	19:51:16	9:50:00	590	153.166	40.83333	541.8279
				-		
9/1/2016	19:56:16	9:55:00	595	153.182	39.96667	542.0279
				-		
9/1/2016	20:01:16	10:00:00	600	153.214	40.1	542.2294
				-		
9/1/2016	20:06:16	10:05:00	605	153.198	38.7	542.4294
				-		
9/1/2016	20:11:16	10:10:00	610	153.231	39.66667	542.6264
				-		
9/1/2016	20:16:16	10:15:00	615	153.296	40.46667	542.8266
				-		
9/1/2016	20:21:16	10:20:00	620	153.361	40.03333	543.028
				-		
9/1/2016	20:26:16	10:25:00	625	153.312	40.36666	543.2294
				-		
9/1/2016	20:31:16	10:30:00	630	153.377	40.36666	543.4324
9/1/2016	20:36:16	10:35:00	635	-153.41	39.86666	543.6329
				-		
9/1/2016	20:41:16	10:40:00	640	153.361	39.86666	543.832
				-		
9/1/2016	20:46:16	10:45:00	645	153.475	40.1	544.033
				-		
9/1/2016	20:51:16	10:50:00	650	153.442	41.1	544.2325

9/1/2016	20:56:16	10:55:00	655	153.491	40.86666	544.4358	-
9/1/2016	21:01:16	11:00:00	660	153.491	40.03333	544.6354	-
9/1/2016	21:06:16	11:05:00	665	153.507	40.73333	544.8378	-
9/1/2016	21:11:16	11:10:00	670	153.589	40.2	545.0394	-
9/1/2016	21:16:16	11:15:00	675	153.589	39.9	545.2388	-
9/1/2016	21:21:16	11:20:00	680	153.637	39.96667	545.4356	-
9/1/2016	21:26:16	11:25:00	685	153.556	39.9	545.6354	-
9/1/2016	21:31:16	11:30:00	690	153.621	40.5	545.8377	-
9/1/2016	21:36:16	11:35:00	695	153.703	40.46667	546.0369	-
9/1/2016	21:41:16	11:40:00	700	153.686	40.1	546.2366	-
9/1/2016	21:46:16	11:45:00	705	153.654	39.76667	546.4357	-
9/1/2016	21:51:16	11:50:00	710	153.686	39.9	546.6346	-
9/1/2016	21:56:16	11:55:00	715	153.751	39.73333	546.8361	-
9/1/2016	22:01:16	12:00:00	720	153.784	39.96667	547.0371	-
9/1/2016	22:06:16	12:05:00	725	153.833	40.26667	547.2367	-
9/1/2016	22:11:16	12:10:00	730	-153.8	40.2	547.4382	-
9/1/2016	22:16:16	12:15:00	735	153.849	40.1	547.6372	-
9/1/2016	22:21:16	12:20:00	740	153.849	40.3	547.8364	-
9/1/2016	22:26:16	12:25:00	745	153.898	40	548.038	-
9/1/2016	22:31:16	12:30:00	750	153.898	40.43333	548.238	-
9/1/2016	22:36:16	12:35:00	755	153.979	40.36666	548.4393	-
9/1/2016	22:41:16	12:40:00	760	153.947	40	548.6401	-
9/1/2016	22:46:16	12:45:00	765	153.979	38.5	548.8405	-
9/1/2016	22:51:16	12:50:00	770	153.979	39.96667	549.0394	-
9/1/2016	22:56:16	12:55:00	775	154.044	40.3	549.2397	-
9/1/2016	23:01:16	13:00:00	780	153.996	35.2	549.4309	-
9/1/2016	23:06:16	13:05:00	785	154.044	40.13334	549.6303	-

9/1/2016	23:11:16	13:10:00	790	154.093	40.03333	549.8323
				-		
9/1/2016	23:16:16	13:15:00	795	154.126	42.2	550.032
				-		
9/1/2016	23:21:16	13:20:00	800	154.158	40.26667	550.2363
				-		
9/1/2016	23:26:16	13:25:00	805	154.126	39.93333	550.4379
				-		
9/1/2016	23:31:16	13:30:00	810	154.191	41.13334	550.6397
				-		
9/1/2016	23:36:16	13:35:00	815	154.223	40.06667	550.8427
9/1/2016	23:41:16	13:40:00	820	-154.24	40.76667	551.0418
				-		
9/1/2016	23:46:16	13:45:00	825	154.207	40.1	551.2376
				-		
9/1/2016	23:51:16	13:50:00	830	154.321	39.6	551.436
				-		
9/1/2016	23:56:16	13:55:00	835	154.337	40.33333	551.6376
				-		
9/2/2016	0:01:16	14:00:00	840	154.305	39.66667	551.8385
9/2/2016	0:06:16	14:05:00	845	-154.37	40.7	552.037
9/2/2016	0:11:16	14:10:00	850	-154.37	40.33333	552.2359
				-		
9/2/2016	0:16:16	14:15:00	855	154.435	40.4	552.437
				-		
9/2/2016	0:21:16	14:20:00	860	154.354	40.23333	552.6374
9/2/2016	0:26:16	14:25:00	865	-154.5	40.63334	552.8402
				-		
9/2/2016	0:31:16	14:30:00	870	154.516	40.43333	553.043
				-		
9/2/2016	0:36:16	14:35:00	875	154.549	40	553.2435
				-		
9/2/2016	0:41:16	14:40:00	880	154.516	39.7	553.4462
				-		
9/2/2016	0:46:16	14:45:00	885	154.582	41.26667	553.6478
				-		
9/2/2016	0:51:16	14:50:00	890	154.598	40.6	553.8496
				-		
9/2/2016	0:56:16	14:55:00	895	154.614	39.93333	554.0529
9/2/2016	1:01:16	15:00:00	900	-154.63	38.4	554.252
9/2/2016	1:06:16	15:05:00	905	-154.63	40	554.4522
9/2/2016	1:11:16	15:10:00	910	-154.63	40.73333	554.6541
				-		
9/2/2016	1:16:16	15:15:00	915	154.695	40.5	554.8556
				-		
9/2/2016	1:21:16	15:20:00	920	154.793	41.6	555.0591
				-		
9/2/2016	1:26:16	15:25:00	925	154.777	40.43333	555.2612
				-		
9/2/2016	1:31:16	15:30:00	930	154.761	40.4	555.4628
				-		
9/2/2016	1:36:16	15:35:00	935	154.793	39.93333	555.6647

9/2/2016	1:41:16	15:40:00	940	154.874	40.96667	555.8676
				-		
9/2/2016	1:46:16	15:45:00	945	154.793	40.63334	556.069
				-		
9/2/2016	1:51:16	15:50:00	950	154.842	40.3	556.2739
				-		
9/2/2016	1:56:16	15:55:00	955	154.891	40.23333	556.4742
				-		
9/2/2016	2:01:16	16:00:00	960	154.907	40.06667	556.6738
				-		
9/2/2016	2:06:16	16:05:00	965	154.972	40.13334	556.8746
				-		
9/2/2016	2:11:16	16:10:00	970	154.874	40.4	557.0727
				-		
9/2/2016	2:16:16	16:15:00	975	154.923	40.33333	557.2749
				-		
9/2/2016	2:21:16	16:20:00	980	154.956	39.5	557.4724
				-		
9/2/2016	2:26:16	16:25:00	985	154.988	39.9	557.6721
				-		
9/2/2016	2:31:16	16:30:00	990	155.037	39.76667	557.8713
				-		
9/2/2016	2:36:16	16:35:00	995	154.988	39.96667	558.0725
				-		
9/2/2016	2:41:16	16:40:00	1000	155.021	40.83333	558.2711
9/2/2016	2:46:16	16:45:00	1005	-155.07	39.86666	558.4716
9/2/2016	2:51:16	16:50:00	1010	-155.07	40.5	558.6726
				-		
9/2/2016	2:56:16	16:55:00	1015	155.135	40.03333	558.8722
				-		
9/2/2016	3:01:16	17:00:00	1020	155.216	39.86666	559.0737
9/2/2016	3:06:16	17:05:00	1025	-155.2	40.2	559.2747
				-		
9/2/2016	3:11:16	17:10:00	1030	155.265	40.16667	559.4721
				-		
9/2/2016	3:16:16	17:15:00	1035	155.216	42.2	559.673
				-		
9/2/2016	3:21:16	17:20:00	1040	155.298	40.83333	559.8764
				-		
9/2/2016	3:26:16	17:25:00	1045	155.346	40.26667	560.0786
				-		
9/2/2016	3:31:16	17:30:00	1050	155.298	39.93333	560.2789
				-		
9/2/2016	3:36:16	17:35:00	1055	155.281	40.1	560.4815
				-		
9/2/2016	3:41:16	17:40:00	1060	155.363	40.3	560.6839
				-		
9/2/2016	3:46:16	17:45:00	1065	155.444	40.56667	560.8858
				-		
9/2/2016	3:51:16	17:50:00	1070	155.444	40.36666	561.0886
				-		
9/2/2016	3:56:16	17:55:00	1075	155.412	41	561.2907

9/2/2016	4:01:16	18:00:00	1080	155.526	40.66667	561.4934
				-		
9/2/2016	4:06:16	18:05:00	1085	155.509	39.66667	561.6942
9/2/2016	4:11:16	18:10:00	1090	-155.46	40.66667	561.8978
				-		
9/2/2016	4:16:16	18:15:00	1095	155.623	40.5	562.0999
				-		
9/2/2016	4:21:16	18:20:00	1100	155.607	40.33333	562.2998
				-		
9/2/2016	4:26:16	18:25:00	1105	155.558	43.8	562.506
				-		
9/2/2016	4:31:16	18:30:00	1110	155.623	39.96667	562.704
				-		
9/2/2016	4:36:16	18:35:00	1115	155.639	40.43333	562.9056
				-		
9/2/2016	4:41:16	18:40:00	1120	155.688	40.33333	563.1079
				-		
9/2/2016	4:46:16	18:45:00	1125	155.721	40.4	563.3102
				-		
9/2/2016	4:51:16	18:50:00	1130	155.721	41.26667	563.513
				-		
9/2/2016	4:56:16	18:55:00	1135	155.672	40.06667	563.7142
				-		
9/2/2016	5:01:16	19:00:00	1140	155.802	40.56667	563.9155
9/2/2016	5:06:16	19:05:00	1145	-155.77	40.86666	564.1177
				-		
9/2/2016	5:11:16	19:10:00	1150	155.802	40.03333	564.3183
9/2/2016	5:16:16	19:15:00	1155	-155.77	40.46667	564.5186
				-		
9/2/2016	5:21:16	19:20:00	1160	155.867	40.03333	564.7202
				-		
9/2/2016	5:26:16	19:25:00	1165	155.851	39.2	564.9201
				-		
9/2/2016	5:31:16	19:30:00	1170	155.835	40.33333	565.1207
				-		
9/2/2016	5:36:16	19:35:00	1175	155.867	40.13334	565.3216
9/2/2016	5:41:16	19:40:00	1180	-155.9	40.06667	565.5232
				-		
9/2/2016	5:46:16	19:45:00	1185	155.916	40.7	565.7251
				-		
9/2/2016	5:51:16	19:50:00	1190	155.949	40.4	565.9257
				-		
9/2/2016	5:56:16	19:55:00	1195	155.965	40.66667	566.1284
				-		
9/2/2016	6:01:16	20:00:00	1200	156.014	40.13334	566.3301
				-		
9/2/2016	6:06:16	20:05:00	1205	155.981	40.13334	566.5323
				-		
9/2/2016	6:11:16	20:10:00	1210	156.095	41.26667	566.7325
				-		
9/2/2016	6:16:16	20:15:00	1215	156.079	40.43333	566.9335



9/2/2016	6:21:16	20:20:00	1220	156.046	40.43333	567.1355
				-		
9/2/2016	6:26:16	20:25:00	1225	156.111	40	567.3364
				-		
9/2/2016	6:31:16	20:30:00	1230	156.095	40.3	567.5377
				-		
9/2/2016	6:36:16	20:35:00	1235	156.144	40.46667	567.7394
9/2/2016	6:41:16	20:40:00	1240	-156.16	40.66667	567.9418
				-		
9/2/2016	6:46:16	20:45:00	1245	156.225	40.53333	568.144
				-		
9/2/2016	6:51:16	20:50:00	1250	156.225	40.3	568.3445
9/2/2016	6:56:16	20:55:00	1255	-156.29	41.06667	568.5442
				-		
9/2/2016	7:01:16	21:00:00	1260	156.274	40.3	568.7464
				-		
9/2/2016	7:06:16	21:05:00	1265	156.388	40.5	568.948
9/2/2016	7:11:16	21:10:00	1270	-156.29	40.2	569.1503
				-		
9/2/2016	7:16:16	21:15:00	1275	156.323	40.5	569.3518
				-		
9/2/2016	7:21:16	21:20:00	1280	156.339	39.83333	569.5562
				-		
9/2/2016	7:26:16	21:25:00	1285	156.356	39.63334	569.7594
				-		
9/2/2016	7:31:16	21:30:00	1290	156.421	40.33333	569.959
				-		
9/2/2016	7:36:16	21:35:00	1295	156.437	40.3	570.1607
9/2/2016	7:41:16	21:40:00	1300	-156.47	40.33333	570.362
				-		
9/2/2016	7:46:16	21:45:00	1305	156.453	39.96667	570.5657
9/2/2016	7:51:16	21:50:00	1310	-156.47	41	570.7683
				-		
9/2/2016	7:56:16	21:55:00	1315	156.551	40.03333	570.9727
				-		
9/2/2016	8:01:16	22:00:00	1320	156.486	41.13334	571.1754
9/2/2016	8:06:16	22:05:00	1325	-156.47	40.63334	571.3765
				-		
9/2/2016	8:11:16	22:10:00	1330	156.502	40.4	571.5786
				-		
9/2/2016	8:16:16	22:15:00	1335	156.551	39.86666	571.7787
				-		
9/2/2016	8:21:16	22:20:00	1340	156.616	40.13334	571.9821
				-		
9/2/2016	8:26:16	22:25:00	1345	156.616	39.26667	572.183
				-		
9/2/2016	8:31:16	22:30:00	1350	156.649	40.33333	572.3828
				-		
9/2/2016	8:36:16	22:35:00	1355	156.649	39.73333	572.5825
				-		
9/2/2016	8:41:16	22:40:00	1360	156.665	40.66667	572.7828

9/2/2016	8:46:16	22:45:00	1365	156.665	39.86666	572.9841
				-		
9/2/2016	8:51:16	22:50:00	1370	156.681	40.33333	573.185
				-		
9/2/2016	8:56:16	22:55:00	1375	156.762	40.16667	573.3857
				-		
9/2/2016	9:01:16	23:00:00	1380	156.762	39.9	573.5853
				-		
9/2/2016	9:06:16	23:05:00	1385	156.762	40.03333	573.787
				-		
9/2/2016	9:11:16	23:10:00	1390	156.779	40.26667	573.988
				-		
9/2/2016	9:16:16	23:15:00	1395	156.811	40.6	574.1885
				-		
9/2/2016	9:21:16	23:20:00	1400	156.811	40.76667	574.3885
				-		
9/2/2016	9:26:16	23:25:00	1405	156.828	40.26667	574.5904
9/2/2016	9:31:16	23:30:00	1410	-156.86	40.06667	574.7902
				-		
9/2/2016	9:36:16	23:35:00	1415	156.844	39.93333	574.9936
				-		
9/2/2016	9:41:16	23:40:00	1420	156.844	39.93333	575.1951
				-		
9/2/2016	9:46:16	23:45:00	1425	156.941	40.06667	575.3953
				-		
9/2/2016	9:51:16	23:50:00	1430	156.925	40.4	575.5947
				-		
9/2/2016	9:56:16	23:55:00	1435	156.974	40.23333	575.7942
				-		
9/2/2016	10:01:16	1.00:00:00	1440	157.007	40.2	575.9934
				-		
9/2/2016	10:06:16	1.00:05:00	1445	157.007	40.26667	576.1939
				-		
9/2/2016	10:11:16	1.00:10:00	1450	157.007	39.56667	576.3922
				-		
9/2/2016	10:16:16	1.00:15:00	1455	157.039	39.13334	576.5928
				-		
9/2/2016	10:21:16	1.00:20:00	1460	157.072	40.33333	576.7935
				-		
9/2/2016	10:26:16	1.00:25:00	1465	157.121	39.86666	576.9945
				-		
9/2/2016	10:31:16	1.00:30:00	1470	157.121	42.86666	577.197
				-		
9/2/2016	10:36:16	1.00:35:00	1475	157.104	39.66667	577.3976
				-		
9/2/2016	10:41:16	1.00:40:00	1480	157.104	40.16667	577.5971
				-		
9/2/2016	10:46:16	1.00:45:00	1485	157.153	39.9	577.7961
				-		
9/2/2016	10:51:16	1.00:50:00	1490	157.169	40	577.9944
				-		
9/2/2016	10:56:16	1.00:55:00	1495	157.202	39.63334	578.1961

9/2/2016	11:01:16	1.01:00:00	1500	157.234	39.93333	578.3956	-
9/2/2016	11:06:16	1.01:05:00	1505	157.234	40.6	578.5958	-
9/2/2016	11:11:16	1.01:10:00	1510	157.267	39.76667	578.7966	-
9/2/2016	11:16:16	1.01:15:00	1515	157.348	42.86666	578.9985	-
9/2/2016	11:21:16	1.01:20:00	1520	-157.3	37.93333	579.1992	-
9/2/2016	11:26:16	1.01:25:00	1525	157.365	40	579.4006	-
9/2/2016	11:31:16	1.01:30:00	1530	157.397	39.6	579.5991	-
9/2/2016	11:36:16	1.01:35:00	1535	157.348	40	579.7978	-
9/2/2016	11:41:16	1.01:40:00	1540	157.414	39.76667	579.997	-
9/2/2016	11:46:16	1.01:45:00	1545	-157.43	39.6	580.1953	-
9/2/2016	11:51:16	1.01:50:00	1550	157.414	39.66667	580.394	-
9/2/2016	11:56:16	1.01:55:00	1555	157.495	40.1	580.5931	-
9/2/2016	12:01:16	1.02:00:00	1560	-157.43	39.96667	580.7932	-
9/2/2016	12:06:16	1.02:05:00	1565	157.511	40.16667	580.9945	-
9/2/2016	12:11:16	1.02:10:00	1570	157.495	39.76667	581.1947	-
9/2/2016	12:16:16	1.02:15:00	1575	157.544	40.03333	581.3944	-
9/2/2016	12:21:16	1.02:20:00	1580	157.593	39.96667	581.5945	-
9/2/2016	12:26:16	1.02:25:00	1585	-157.56	39.46667	581.7944	-
9/2/2016	12:31:16	1.02:30:00	1590	157.576	39.9	581.9935	-
9/2/2016	12:36:16	1.02:35:00	1595	157.674	40.1	582.1924	-
9/2/2016	12:41:16	1.02:40:00	1600	-157.69	40.06667	582.3922	-
9/2/2016	12:46:16	1.02:45:00	1605	157.739	40	582.5913	-
9/2/2016	12:51:16	1.02:50:00	1610	157.755	39.96667	582.7886	-
9/2/2016	12:56:16	1.02:55:00	1615	157.788	39.73333	582.9874	-
9/2/2016	13:01:16	1.03:00:00	1620	157.772	39.76667	583.1861	-
9/2/2016	13:06:16	1.03:05:00	1625	157.788	39.93333	583.3865	-
9/2/2016	13:11:16	1.03:10:00	1630	-157.82	39.83333	583.5855	-
9/2/2016	13:16:16	1.03:15:00	1635	157.837	41.2	583.7845	-
9/2/2016	13:21:16	1.03:20:00	1640	157.853	38.86666	583.9854	-

9/2/2016	13:26:16	1.03:25:00	1645	157.853	-	39.8	584.1826
9/2/2016	13:31:16	1.03:30:00	1650	157.885	-	39.43333	584.3806
9/2/2016	13:36:16	1.03:35:00	1655	157.951	-	40.46667	584.5803
9/2/2016	13:41:16	1.03:40:00	1660	157.983	-	39.73333	584.7791
9/2/2016	13:46:16	1.03:45:00	1665	157.902	-	39.9	584.9785
9/2/2016	13:51:16	1.03:50:00	1670	157.934	-	39.9	585.1779
9/2/2016	13:56:16	1.03:55:00	1675	158.065	-	39.66667	585.3763
9/2/2016	14:01:16	1.04:00:00	1680	158.081	-	39.6	585.5745
9/2/2016	14:06:16	1.04:05:00	1685	158.081	-	39.86666	585.7737
9/2/2016	14:11:16	1.04:10:00	1690	158.065	-	40.03333	585.9736
9/2/2016	14:16:16	1.04:15:00	1695	158.097	-	39.83333	586.1729
9/2/2016	14:21:16	1.04:20:00	1700	158.081	-	39.46667	586.371
9/2/2016	14:26:16	1.04:25:00	1705	-158.13	-	39.83333	586.5693
9/2/2016	14:31:16	1.04:30:00	1710	-158.13	-	39.63334	586.7674
9/2/2016	14:36:16	1.04:35:00	1715	158.195	-	39.53333	586.9672
9/2/2016	14:41:16	1.04:40:00	1720	158.211	-	39.76667	587.1648
9/2/2016	14:46:16	1.04:45:00	1725	-158.26	-	39.76667	587.3632
9/2/2016	14:51:16	1.04:50:00	1730	158.244	-	39.73333	587.5621
9/2/2016	14:56:16	1.04:55:00	1735	158.244	-	39.3	587.7607
9/2/2016	15:01:16	1.05:00:00	1740	158.309	-	39.7	587.9597
9/2/2016	15:06:16	1.05:05:00	1745	158.309	-	40.03333	588.1585
9/2/2016	15:11:16	1.05:10:00	1750	158.374	-	39.7	588.358
9/2/2016	15:16:16	1.05:15:00	1755	158.374	-	39.5	588.5567
9/2/2016	15:21:16	1.05:20:00	1760	-158.39	-	39.93333	588.7559
9/2/2016	15:26:16	1.05:25:00	1765	-158.39	-	39.76667	588.9558
9/2/2016	15:31:16	1.05:30:00	1770	158.455	-	39.96667	589.1552
9/2/2016	15:36:16	1.05:35:00	1775	158.455	-	39.8	589.3528
9/2/2016	15:41:16	1.05:40:00	1780	158.537	-	39.9	589.5519
9/2/2016	15:46:16	1.05:45:00	1785	158.537	-	39.6	589.7508

9/2/2016	15:51:16	1.05:50:00	1790	158.553	39.73333	589.9482	-
9/2/2016	15:56:16	1.05:55:00	1795	158.569	39.93333	590.1478	-
9/2/2016	16:01:16	1.06:00:00	1800	158.553	39.46667	590.3416	-
9/2/2016	16:06:16	1.06:05:00	1805	158.569	39.9	590.5429	-
9/2/2016	16:11:16	1.06:10:00	1810	158.634	37.63334	590.7396	-
9/2/2016	16:16:16	1.06:15:00	1815	158.667	39.73333	590.9386	-
9/2/2016	16:21:16	1.06:20:00	1820	158.618	39.7	591.1372	-
9/2/2016	16:26:16	1.06:25:00	1825	158.667	39.83333	591.3368	-
9/2/2016	16:31:16	1.06:30:00	1830	158.618	39.36666	591.5346	-
9/2/2016	16:36:16	1.06:35:00	1835	158.764	39.7	591.733	-
9/2/2016	16:41:16	1.06:40:00	1840	158.764	39.6	591.9324	-
9/2/2016	16:46:16	1.06:45:00	1845	158.781	39.86666	592.1313	-
9/2/2016	16:51:16	1.06:50:00	1850	158.813	39.8	592.33	-
9/2/2016	16:56:16	1.06:55:00	1855	158.862	39.76667	592.5296	-
9/2/2016	17:01:16	1.07:00:00	1860	158.862	40	592.7286	-
9/2/2016	17:06:16	1.07:05:00	1865	158.846	40.46667	592.9287	-
9/2/2016	17:11:16	1.07:10:00	1870	158.895	39.76667	593.1277	-
9/2/2016	17:16:16	1.07:15:00	1875	158.927	39.73333	593.3267	-
9/2/2016	17:21:16	1.07:20:00	1880	158.878	39.56667	593.5259	-
9/2/2016	17:26:16	1.07:25:00	1885	158.927	39.8	593.7245	-
9/2/2016	17:31:16	1.07:30:00	1890	158.976	39.73333	593.9227	-
9/2/2016	17:36:16	1.07:35:00	1895	158.976	39.86666	594.1216	-
9/2/2016	17:41:16	1.07:40:00	1900	159.025	39.7	594.321	-
9/2/2016	17:46:16	1.07:45:00	1905	159.009	39.66667	594.5199	-
9/2/2016	17:51:16	1.07:50:00	1910	159.057	40.06667	594.7193	-
9/2/2016	17:56:16	1.07:55:00	1915	159.074	39.73333	594.9184	-
9/2/2016	18:01:16	1.08:00:00	1920	-159.09	40.03333	595.1171	-

9/2/2016	18:06:16	1.08:05:00	1925	159.139	39.93333	595.3172
9/2/2016	18:11:16	1.08:10:00	1930	-159.09	39.16667	595.5169
				-		
9/2/2016	18:16:16	1.08:15:00	1935	159.155	40.06667	595.7161
				-		
9/2/2016	18:21:16	1.08:20:00	1940	159.155	40.03333	595.915
				-		
9/2/2016	18:26:16	1.08:25:00	1945	159.171	40.33333	596.1151
9/2/2016	18:31:16	1.08:30:00	1950	-159.22	39.96667	596.3154
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9/2/2016	18:36:16	1.08:35:00	1955	159.188	40.3	596.5156
				-		
9/2/2016	18:41:16	1.08:40:00	1960	159.301	40.3	596.7167
				-		
9/2/2016	18:46:16	1.08:45:00	1965	159.367	39.86666	596.9168
				-		
9/2/2016	18:51:16	1.08:50:00	1970	159.269	40.1	597.1174
				-		
9/2/2016	18:56:16	1.08:55:00	1975	159.318	40	597.3179
				-		
9/2/2016	19:01:16	1.09:00:00	1980	159.367	40.1	597.5176
				-		
9/2/2016	19:06:16	1.09:05:00	1985	159.334	39.83333	597.7178
				-		
9/2/2016	19:11:16	1.09:10:00	1990	159.383	40.03333	597.9177
				-		
9/2/2016	19:16:16	1.09:15:00	1995	159.415	40	598.1174
				-		
9/2/2016	19:21:16	1.09:20:00	2000	159.383	40.16667	598.3179
				-		
9/2/2016	19:26:16	1.09:25:00	2005	159.448	40.03333	598.5178
				-		
9/2/2016	19:31:16	1.09:30:00	2010	159.513	40.16667	598.7184
				-		
9/2/2016	19:36:16	1.09:35:00	2015	159.529	40.1	598.9186
				-		
9/2/2016	19:41:16	1.09:40:00	2020	159.448	39.9	599.1186
				-		
9/2/2016	19:46:16	1.09:45:00	2025	159.562	39.83333	599.3189
				-		
9/2/2016	19:51:16	1.09:50:00	2030	159.578	40.2	599.5187
				-		
9/2/2016	19:56:16	1.09:55:00	2035	159.594	40.46667	599.72
				-		
9/2/2016	20:01:16	1.10:00:00	2040	159.611	40.2	599.921
9/2/2016	20:06:16	1.10:05:00	2045	-159.66	40.2	600.1219
				-		
9/2/2016	20:11:16	1.10:10:00	2050	159.643	39.76667	600.3221
9/2/2016	20:16:16	1.10:15:00	2055	-159.66	40.16667	600.5228
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9/2/2016	20:21:16	1.10:20:00	2060	159.676	40.16667	600.7237

9/2/2016	20:26:16	1.10:25:00	2065	159.725	40.03333	600.9244
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9/2/2016	20:31:16	1.10:30:00	2070	159.725	40.1	601.1252
				-		
9/2/2016	20:36:16	1.10:35:00	2075	159.806	40.33333	601.3262
9/2/2016	20:41:16	1.10:40:00	2080	-159.79	39.86666	601.5268
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9/2/2016	20:46:16	1.10:45:00	2085	159.773	40.3	601.7279
				-		
9/2/2016	20:51:16	1.10:50:00	2090	159.822	40.2	601.9283
				-		
9/2/2016	20:56:16	1.10:55:00	2095	159.855	39.9	602.1289
				-		
9/2/2016	21:01:16	1.11:00:00	2100	159.855	40.2	602.3293
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9/2/2016	21:06:16	1.11:05:00	2105	159.887	40.13334	602.5303
				-		
9/2/2016	21:11:16	1.11:10:00	2110	159.904	40.06667	602.7304
9/2/2016	21:16:16	1.11:15:00	2115	-159.92	39.93333	602.9298
9/2/2016	21:21:16	1.11:20:00	2120	-159.92	39.7	603.1297
9/2/2016	21:26:16	1.11:25:00	2125	-159.92	40	603.3291
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9/2/2016	21:31:16	1.11:30:00	2130	159.953	40.1	603.5306
				-		
9/2/2016	21:36:16	1.11:35:00	2135	159.969	40	603.7309
				-		
9/2/2016	21:41:16	1.11:40:00	2140	160.018	39.9	603.9305
				-		
9/2/2016	21:46:16	1.11:45:00	2145	160.034	40.06667	604.1291
				-		
9/2/2016	21:51:16	1.11:50:00	2150	160.018	40.03333	604.329
				-		
9/2/2016	21:56:16	1.11:55:00	2155	160.034	40.2	604.5297
				-		
9/2/2016	22:01:16	1.12:00:00	2160	160.066	40	604.731
				-		
9/2/2016	22:06:16	1.12:05:00	2165	160.066	40.03333	604.9315
				-		
9/2/2016	22:11:16	1.12:10:00	2170	160.083	39.96667	605.1317
				-		
9/2/2016	22:16:16	1.12:15:00	2175	160.115	40.06667	605.3325
				-		
9/2/2016	22:21:16	1.12:20:00	2180	160.164	40.1	605.5335
				-		
9/2/2016	22:26:16	1.12:25:00	2185	160.164	40.06667	605.7343
				-		
9/2/2016	22:31:16	1.12:30:00	2190	160.245	40.33333	605.9352
				-		
9/2/2016	22:36:16	1.12:35:00	2195	160.213	39.96667	606.1359
				-		
9/2/2016	22:41:16	1.12:40:00	2200	160.213	40.03333	606.3361

9/2/2016	22:46:16	1.12:45:00	2205	160.294	-	39.8	606.5367
9/2/2016	22:51:16	1.12:50:00	2210	160.213	-	40.16667	606.7379
9/2/2016	22:56:16	1.12:55:00	2215	160.294	-	40.3	606.9387
9/2/2016	23:01:16	1.13:00:00	2220	160.294	-	40.23333	607.139
9/2/2016	23:06:16	1.13:05:00	2225	160.343	-	40.3	607.3406
9/2/2016	23:11:16	1.13:10:00	2230	160.327	-	40.36666	607.5423
9/2/2016	23:16:16	1.13:15:00	2235	160.376	-	40.13334	607.7429
9/2/2016	23:21:16	1.13:20:00	2240	160.343	-	40.26667	607.9445
9/2/2016	23:26:16	1.13:25:00	2245	160.392	-	40.33333	608.1457
9/2/2016	23:31:16	1.13:30:00	2250	160.392	-	40.1	608.3462
9/2/2016	23:36:16	1.13:35:00	2255	160.424	-	40	608.5463
9/2/2016	23:41:16	1.13:40:00	2260	160.457	-	40.23333	608.747
9/2/2016	23:46:16	1.13:45:00	2265	160.457	-	40.4	608.9484
9/2/2016	23:51:16	1.13:50:00	2270	160.506	-	40.4	609.1496
9/2/2016	23:56:16	1.13:55:00	2275	160.522	-	40.56667	609.3511
9/3/2016	0:01:16	1.14:00:00	2280	-160.49	-	40.43333	609.5526
9/3/2016	0:06:16	1.14:05:00	2285	160.522	-	40.43333	609.7542
9/3/2016	0:11:16	1.14:10:00	2290	160.522	-	38.3	609.9532
9/3/2016	0:16:16	1.14:15:00	2295	160.571	-	40.36666	610.1551
9/3/2016	0:21:16	1.14:20:00	2300	160.555	-	40.5	610.356
9/3/2016	0:26:16	1.14:25:00	2305	160.587	-	40.03333	610.5568
9/3/2016	0:31:16	1.14:30:00	2310	160.652	-	40.23333	610.7576
9/3/2016	0:36:16	1.14:35:00	2315	160.636	-	40.1	610.9594
9/3/2016	0:41:16	1.14:40:00	2320	160.669	-	40.26667	611.16
9/3/2016	0:46:16	1.14:45:00	2325	160.685	-	40.53333	611.3616
9/3/2016	0:51:16	1.14:50:00	2330	160.717	-	40.1	611.5627
9/3/2016	0:56:16	1.14:55:00	2335	160.717	-	40.26667	611.7643



9/3/2016	1:01:16	1.15:00:00	2340	160.734	40.23333	611.9658
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9/3/2016	1:06:16	1.15:05:00	2345	160.717	40.16667	612.1669
				-		
9/3/2016	1:11:16	1.15:10:00	2350	160.783	40.33333	612.368
				-		
9/3/2016	1:16:16	1.15:15:00	2355	160.831	40.2	612.5682
				-		
9/3/2016	1:21:16	1.15:20:00	2360	160.799	40.03333	612.7698
				-		
9/3/2016	1:26:16	1.15:25:00	2365	160.766	40.56667	612.971
9/3/2016	1:31:16	1.15:30:00	2370	-160.88	40.36666	613.1726
				-		
9/3/2016	1:36:16	1.15:35:00	2375	160.913	40.53333	613.3743
9/3/2016	1:41:16	1.15:40:00	2380	-160.88	40.33333	613.5751
				-		
9/3/2016	1:46:16	1.15:45:00	2385	160.929	40.46667	613.7768
				-		
9/3/2016	1:51:16	1.15:50:00	2390	160.929	40.2	613.978
				-		
9/3/2016	1:56:16	1.15:55:00	2395	160.978	40.16667	614.1793
9/3/2016	2:01:16	1.16:00:00	2400	-161.01	40.16667	614.3806
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9/3/2016	2:06:16	1.16:05:00	2405	161.027	40.26667	614.5819
				-		
9/3/2016	2:11:16	1.16:10:00	2410	161.027	40.46667	614.7832
				-		
9/3/2016	2:16:16	1.16:15:00	2415	161.059	40	614.9847
				-		
9/3/2016	2:21:16	1.16:20:00	2420	161.059	40.73333	615.1862
				-		
9/3/2016	2:26:16	1.16:25:00	2425	161.043	40.06667	615.3872
				-		
9/3/2016	2:31:16	1.16:30:00	2430	161.059	40.13334	615.588
				-		
9/3/2016	2:36:16	1.16:35:00	2435	161.092	40.03333	615.7884
				-		
9/3/2016	2:41:16	1.16:40:00	2440	161.141	40.2	615.9894
				-		
9/3/2016	2:46:16	1.16:45:00	2445	161.076	39.93333	616.1898
				-		
9/3/2016	2:51:16	1.16:50:00	2450	161.124	40.16667	616.3904
				-		
9/3/2016	2:56:16	1.16:55:00	2455	161.157	40.1	616.5911
				-		
9/3/2016	3:01:16	1.17:00:00	2460	161.157	39.93333	616.7907
				-		
9/3/2016	3:06:16	1.17:05:00	2465	161.206	40.3	616.9918
				-		
9/3/2016	3:11:16	1.17:10:00	2470	161.173	40.6	617.1932
				-		
9/3/2016	3:16:16	1.17:15:00	2475	161.238	40.06667	617.394

9/3/2016	3:21:16	1.17:20:00	2480	161.222	40.06667	617.5946
9/3/2016	3:26:16	1.17:25:00	2485	-161.32	40.3	617.7958
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9/3/2016	3:31:16	1.17:30:00	2490	161.287	39.96667	617.997
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9/3/2016	3:36:16	1.17:35:00	2495	161.336	40.1	618.1975
				-		
9/3/2016	3:41:16	1.17:40:00	2500	161.271	40.13334	618.3983
9/3/2016	3:46:16	1.17:45:00	2505	-161.32	40.1	618.5989
				-		
9/3/2016	3:51:16	1.17:50:00	2510	161.368	40.4	618.7999
				-		
9/3/2016	3:56:16	1.17:55:00	2515	161.352	40.13334	619.0008
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9/3/2016	4:01:16	1.18:00:00	2520	161.352	40.26667	619.202
				-		
9/3/2016	4:06:16	1.18:05:00	2525	161.434	40.43333	619.4035
				-		
9/3/2016	4:11:16	1.18:10:00	2530	161.385	40.23333	619.6051
				-		
9/3/2016	4:16:16	1.18:15:00	2535	161.482	40.36666	619.8069
				-		
9/3/2016	4:21:16	1.18:20:00	2540	161.466	40.43333	620.0081
				-		
9/3/2016	4:26:16	1.18:25:00	2545	161.515	41	620.2098
				-		
9/3/2016	4:31:16	1.18:30:00	2550	161.515	40.16667	620.4111
9/3/2016	4:36:16	1.18:35:00	2555	-161.58	40.03333	620.6119
				-		
9/3/2016	4:41:16	1.18:40:00	2560	161.548	40.5	620.8138
9/3/2016	4:46:16	1.18:45:00	2565	-161.58	40.06667	621.0153
				-		
9/3/2016	4:51:16	1.18:50:00	2570	161.564	40.26667	621.2167
				-		
9/3/2016	4:56:16	1.18:55:00	2575	161.629	40.13334	621.4182
9/3/2016	5:01:16	1.19:00:00	2580	-161.58	40.33333	621.6196
				-		
9/3/2016	5:06:16	1.19:05:00	2585	161.629	40.33333	621.821
				-		
9/3/2016	5:11:16	1.19:10:00	2590	161.596	40.2	622.0228
				-		
9/3/2016	5:16:16	1.19:15:00	2595	161.678	40.33333	622.2244
				-		
9/3/2016	5:21:16	1.19:20:00	2600	161.645	40.1	622.4255
				-		
9/3/2016	5:26:16	1.19:25:00	2605	161.727	40.16667	622.6265
9/3/2016	5:31:16	1.19:30:00	2610	-161.71	40.23333	622.8275
				-		
9/3/2016	5:36:16	1.19:35:00	2615	161.759	40.53333	623.0293
				-		
9/3/2016	5:41:16	1.19:40:00	2620	161.694	40.56667	623.2324

9/3/2016	5:46:16	1.19:45:00	2625	161.775	40.2	623.4348
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9/3/2016	5:51:16	1.19:50:00	2630	161.759	40.13334	623.6363
				-		
9/3/2016	5:56:16	1.19:55:00	2635	161.808	40.23333	623.8378
				-		
9/3/2016	6:01:16	1.20:00:00	2640	161.824	40.66667	624.04
				-		
9/3/2016	6:06:16	1.20:05:00	2645	161.824	40.46667	624.2424
				-		
9/3/2016	6:11:16	1.20:10:00	2650	161.824	40.36666	624.4448
				-		
9/3/2016	6:16:16	1.20:15:00	2655	161.889	40.46667	624.6473
				-		
9/3/2016	6:21:16	1.20:20:00	2660	161.906	40.4	624.8498
				-		
9/3/2016	6:26:16	1.20:25:00	2665	161.889	40.56667	625.0516
				-		
9/3/2016	6:31:16	1.20:30:00	2670	161.889	40.56667	625.2544
				-		
9/3/2016	6:36:16	1.20:35:00	2675	161.889	40.53333	625.4567
				-		
9/3/2016	6:41:16	1.20:40:00	2680	161.938	40.33333	625.659
				-		
9/3/2016	6:46:16	1.20:45:00	2685	161.971	40.43333	625.861
				-		
9/3/2016	6:51:16	1.20:50:00	2690	161.954	40.33333	626.0634
				-		
9/3/2016	6:56:16	1.20:55:00	2695	162.036	40.63334	626.2654
				-		
9/3/2016	7:01:16	1.21:00:00	2700	162.036	39.93333	626.4668
9/3/2016	7:06:16	1.21:05:00	2705	-162.02	40.16667	626.6683
				-		
9/3/2016	7:11:16	1.21:10:00	2710	162.068	40.3	626.8701
				-		
9/3/2016	7:16:16	1.21:15:00	2715	162.052	40.23333	627.0714
				-		
9/3/2016	7:21:16	1.21:20:00	2720	162.085	40.06667	627.2726
				-		
9/3/2016	7:26:16	1.21:25:00	2725	162.133	40.3	627.4741
				-		
9/3/2016	7:31:16	1.21:30:00	2730	162.101	40.26667	627.6758
				-		
9/3/2016	7:36:16	1.21:35:00	2735	162.117	40.16667	627.8768
				-		
9/3/2016	7:41:16	1.21:40:00	2740	162.133	40.3	628.0779
				-		
9/3/2016	7:46:16	1.21:45:00	2745	162.133	40.1	628.279
9/3/2016	7:51:16	1.21:50:00	2750	-162.15	40.13334	628.4804
				-		
9/3/2016	7:56:16	1.21:55:00	2755	162.182	40.13334	628.6819

9/3/2016	8:01:16	1.22:00:00	2760	162.182	40.26667	628.8825	-
9/3/2016	8:06:16	1.22:05:00	2765	162.215	40.23333	629.0837	-
9/3/2016	8:11:16	1.22:10:00	2770	162.215	40.16667	629.285	-
9/3/2016	8:16:16	1.22:15:00	2775	162.231	40.33333	629.486	-
9/3/2016	8:21:16	1.22:20:00	2780	162.215	40.13334	629.687	-
9/3/2016	8:26:16	1.22:25:00	2785	162.264	40.26667	629.8877	-
9/3/2016	8:31:16	1.22:30:00	2790	162.296	40	630.0886	-
9/3/2016	8:36:16	1.22:35:00	2795	162.361	40.16667	630.2891	-
9/3/2016	8:41:16	1.22:40:00	2800	162.312	40.06667	630.4893	-
9/3/2016	8:46:16	1.22:45:00	2805	162.329	40.13334	630.6892	-
9/3/2016	8:51:16	1.22:50:00	2810	162.312	40.1	630.8893	-
9/3/2016	8:56:16	1.22:55:00	2815	162.345	40.2	631.0898	-
9/3/2016	9:01:16	1.23:00:00	2820	162.378	40.36666	631.2904	-
9/3/2016	9:06:16	1.23:05:00	2825	162.394	40	631.4908	-
9/3/2016	9:11:16	1.23:10:00	2830	162.378	40.06667	631.691	-
9/3/2016	9:16:16	1.23:15:00	2835	162.394	40.06667	631.8912	-
9/3/2016	9:21:16	1.23:20:00	2840	162.475	39.86666	632.0913	-
9/3/2016	9:26:16	1.23:25:00	2845	162.426	39.86666	632.2917	-
9/3/2016	9:31:16	1.23:30:00	2850	162.475	39.83333	632.4921	-
9/3/2016	9:36:16	1.23:35:00	2855	162.524	40.1	632.6913	-
9/3/2016	9:41:16	1.23:40:00	2860	162.459	39.66667	632.8907	-
9/3/2016	9:46:16	1.23:45:00	2865	162.557	40.03333	633.09	-
9/3/2016	9:51:16	1.23:50:00	2870	162.557	39.86666	633.2893	-
9/3/2016	9:56:16	1.23:55:00	2875	162.557	39.66667	633.4885	-
9/3/2016	10:01:16	2.00:00:00	2880	-162.54	40	633.6883	-
9/3/2016	10:06:16	2.00:05:00	2885	162.573	39.83333	633.8878	-
9/3/2016	10:11:16	2.00:10:00	2890	162.605	39.83333	634.0868	-

9/3/2016	10:16:16	2.00:15:00	2895	162.605	39.9	634.2864
				-		
9/3/2016	10:21:16	2.00:20:00	2900	162.638	39.83333	634.4846
				-		
9/3/2016	10:26:16	2.00:25:00	2905	162.687	39.76667	634.684
				-		
9/3/2016	10:31:16	2.00:30:00	2910	162.638	39.9	634.8833
				-		
9/3/2016	10:36:16	2.00:35:00	2915	162.654	39.6	635.0822
				-		
9/3/2016	10:41:16	2.00:40:00	2920	162.703	39.73333	635.2814
				-		
9/3/2016	10:46:16	2.00:45:00	2925	162.768	39.8	635.4805
				-		
9/3/2016	10:51:16	2.00:50:00	2930	162.752	39.9	635.6796
				-		
9/3/2016	10:56:16	2.00:55:00	2935	162.703	39.8	635.8787
				-		
9/3/2016	11:01:16	2.01:00:00	2940	162.768	39.7	636.0775
				-		
9/3/2016	11:06:16	2.01:05:00	2945	162.752	39.83333	636.2766
				-		
9/3/2016	11:11:16	2.01:10:00	2950	162.785	39.73333	636.4755
				-		
9/3/2016	11:16:16	2.01:15:00	2955	162.768	39.66667	636.674
				-		
9/3/2016	11:21:16	2.01:20:00	2960	162.882	39.7	636.8721
				-		
9/3/2016	11:26:16	2.01:25:00	2965	162.801	39.86666	637.0709
				-		
9/3/2016	11:31:16	2.01:30:00	2970	162.882	40.1	637.2703
				-		
9/3/2016	11:36:16	2.01:35:00	2975	162.898	39.76667	637.4693
				-		
9/3/2016	11:41:16	2.01:40:00	2980	162.898	39.73333	637.6677
				-		
9/3/2016	11:46:16	2.01:45:00	2985	162.882	39.7	637.8666
				-		
9/3/2016	11:51:16	2.01:50:00	2990	162.931	39.66667	638.0651
				-		
9/3/2016	11:56:16	2.01:55:00	2995	162.996	39.8	638.2638
				-		
9/3/2016	12:01:16	2.02:00:00	3000	162.931	39.5	638.4619
				-		
9/3/2016	12:06:16	2.02:05:00	3005	162.996	39.9	638.6605
				-		
9/3/2016	12:11:16	2.02:10:00	3010	162.964	39.4	638.8587
				-		
9/3/2016	12:16:16	2.02:15:00	3015	162.996	39.63334	639.0569
				-		
9/3/2016	12:21:16	2.02:20:00	3020	163.029	39.73333	639.2554

9/3/2016	12:26:16	2.02:25:00	3025	163.045	39.8	639.4537	-
9/3/2016	12:31:16	2.02:30:00	3030	163.012	39.7	639.6517	-
9/3/2016	12:36:16	2.02:35:00	3035	163.094	39.53333	639.8498	-
9/3/2016	12:41:16	2.02:40:00	3040	163.094	39.66667	640.0481	-
9/3/2016	12:46:16	2.02:45:00	3045	-163.11	39.66667	640.2463	-
9/3/2016	12:51:16	2.02:50:00	3050	163.126	39.43333	640.4441	-
9/3/2016	12:56:16	2.02:55:00	3055	163.159	39.66667	640.6427	-
9/3/2016	13:01:16	2.03:00:00	3060	163.143	39.66667	640.8409	-
9/3/2016	13:06:16	2.03:05:00	3065	163.143	39.63334	641.0391	-
9/3/2016	13:11:16	2.03:10:00	3070	163.175	39.73333	641.2369	-
9/3/2016	13:16:16	2.03:15:00	3075	163.191	39.73333	641.4346	-
9/3/2016	13:21:16	2.03:20:00	3080	-163.24	39.53333	641.6326	-
9/3/2016	13:26:16	2.03:25:00	3085	-163.24	39.66667	641.8302	-
9/3/2016	13:31:16	2.03:30:00	3090	163.256	39.53333	642.0281	-
9/3/2016	13:36:16	2.03:35:00	3095	163.289	39.63334	642.2257	-
9/3/2016	13:41:16	2.03:40:00	3100	-163.24	39.8	642.4238	-
9/3/2016	13:46:16	2.03:45:00	3105	163.322	39.56667	642.6215	-
9/3/2016	13:51:16	2.03:50:00	3110	163.354	39.8	642.8193	-
9/3/2016	13:56:16	2.03:55:00	3115	163.305	39.73333	643.0178	-
9/3/2016	14:01:16	2.04:00:00	3120	163.273	39.63334	643.2159	-
9/3/2016	14:06:16	2.04:05:00	3125	163.387	39.56667	643.4132	-
9/3/2016	14:11:16	2.04:10:00	3130	163.338	39.53333	643.6108	-
9/3/2016	14:16:16	2.04:15:00	3135	163.354	39.63334	643.8084	-
9/3/2016	14:21:16	2.04:20:00	3140	163.387	39.36666	644.0067	-
9/3/2016	14:26:16	2.04:25:00	3145	-163.37	39.56667	644.2043	-
9/3/2016	14:31:16	2.04:30:00	3150	163.419	39.53333	644.4029	-
9/3/2016	14:36:16	2.04:35:00	3155	161.059	5.56667	644.5775	End Test
9/3/2016	14:41:16	2.04:40:00	3160	158.309	0	644.5775	Start Recovery
9/3/2016	14:46:16	2.04:45:00	3165	157.527	0	644.5775	

9/3/2016	14:51:16	2.04:50:00	3170	157.267	0	644.5775
9/3/2016	14:56:16	2.04:55:00	3175	157.202	0	644.5775
9/3/2016	15:01:16	2.05:00:00	3180	157.104	0	644.5775
9/3/2016	15:06:16	2.05:05:00	3185	-156.99	0	644.5775
9/3/2016	15:11:16	2.05:10:00	3190	-156.99	0	644.5775
9/3/2016	15:16:16	2.05:15:00	3195	156.958	0	644.5775
9/3/2016	15:21:16	2.05:20:00	3200	156.909	0	644.5775
9/3/2016	15:26:16	2.05:25:00	3205	-156.86	0	644.5775
9/3/2016	15:31:16	2.05:30:00	3210	156.811	0	644.5775
9/3/2016	15:36:16	2.05:35:00	3215	156.844	0	644.5775
9/3/2016	15:41:16	2.05:40:00	3220	156.828	0	644.5775
9/3/2016	15:46:16	2.05:45:00	3225	156.795	0	644.5775
9/3/2016	15:51:16	2.05:50:00	3230	156.795	0	644.5775
9/3/2016	15:56:16	2.05:55:00	3235	156.795	0	644.5775
9/3/2016	16:01:16	2.06:00:00	3240	156.795	0	644.5775
9/3/2016	16:06:16	2.06:05:00	3245	-156.73	0	644.5775
9/3/2016	16:11:16	2.06:10:00	3250	156.746	0	644.5775
9/3/2016	16:16:16	2.06:15:00	3255	156.714	0	644.5775
9/3/2016	16:21:16	2.06:20:00	3260	-156.73	0	644.5775
9/3/2016	16:26:16	2.06:25:00	3265	156.714	0	644.5775
9/3/2016	16:31:16	2.06:30:00	3270	156.714	0	644.5775
9/3/2016	16:36:16	2.06:35:00	3275	156.665	0	644.5775
9/3/2016	16:41:16	2.06:40:00	3280	156.665	0	644.5775
9/3/2016	16:46:16	2.06:45:00	3285	156.649	0	644.5775
9/3/2016	16:51:16	2.06:50:00	3290	156.632	0	644.5775
9/3/2016	16:56:16	2.06:55:00	3295	156.665	0	644.5775
9/3/2016	17:01:16	2.07:00:00	3300	156.632	0	644.5775
9/3/2016	17:06:16	2.07:05:00	3305	156.665	0	644.5775
9/3/2016	17:11:16	2.07:10:00	3310	156.632	0	644.5775

9/3/2016	17:16:16	2.07:15:00	3315	156.567	0	644.5775
				-		
9/3/2016	17:21:16	2.07:20:00	3320	156.616	0	644.5775
				-		
9/3/2016	17:26:16	2.07:25:00	3325	156.632	0	644.5775
				-		
9/3/2016	17:31:16	2.07:30:00	3330	156.616	0	644.5775
				-		
9/3/2016	17:36:16	2.07:35:00	3335	156.583	0	644.5775
9/3/2016	17:41:16	2.07:40:00	3340	-156.6	0	644.5775
				-		
9/3/2016	17:46:16	2.07:45:00	3345	156.567	0	644.5775
				-		
9/3/2016	17:51:16	2.07:50:00	3350	156.583	0	644.5775
				-		
9/3/2016	17:56:16	2.07:55:00	3355	156.535	0	644.5775
				-		
9/3/2016	18:01:16	2.08:00:00	3360	156.535	0	644.5775
				-		
9/3/2016	18:06:16	2.08:05:00	3365	156.535	0	644.5775
				-		
9/3/2016	18:11:16	2.08:10:00	3370	156.535	0	644.5775
				-		
9/3/2016	18:16:16	2.08:15:00	3375	156.518	0	644.5775
				-		
9/3/2016	18:21:16	2.08:20:00	3380	156.535	0	644.5775
				-		
9/3/2016	18:26:16	2.08:25:00	3385	156.518	0	644.5775
				-		
9/3/2016	18:31:16	2.08:30:00	3390	156.502	0	644.5775
				-		
9/3/2016	18:36:16	2.08:35:00	3395	156.518	0	644.5775
				-		
9/3/2016	18:41:16	2.08:40:00	3400	156.486	0	644.5775
9/3/2016	18:46:16	2.08:45:00	3405	-156.47	0	644.5775
				-		
9/3/2016	18:51:16	2.08:50:00	3410	156.502	0	644.5775
				-		
9/3/2016	18:56:16	2.08:55:00	3415	156.453	0	644.5775
9/3/2016	19:01:16	2.09:00:00	3420	-156.47	0	644.5775
				-		
9/3/2016	19:06:16	2.09:05:00	3425	156.453	0	644.5775
				-		
9/3/2016	19:11:16	2.09:10:00	3430	156.421	0	644.5775
				-		
9/3/2016	19:16:16	2.09:15:00	3435	156.453	0	644.5775
				-		
9/3/2016	19:21:16	2.09:20:00	3440	156.453	0	644.5775
				-		
9/3/2016	19:26:16	2.09:25:00	3445	156.453	0	644.5775
				-		
9/3/2016	19:31:16	2.09:30:00	3450	156.453	0	644.5775



9/3/2016	19:36:16	2.09:35:00	3455	156.437	0	644.5775
				-		
9/3/2016	19:41:16	2.09:40:00	3460	156.437	0	644.5775
				-		
9/3/2016	19:46:16	2.09:45:00	3465	156.421	0	644.5775
				-		
9/3/2016	19:51:16	2.09:50:00	3470	156.404	0	644.5775
				-		
9/3/2016	19:56:16	2.09:55:00	3475	156.356	0	644.5775
				-		
9/3/2016	20:01:16	2.10:00:00	3480	156.372	0	644.5775
				-		
9/3/2016	20:06:16	2.10:05:00	3485	156.388	0	644.5775
				-		
9/3/2016	20:11:16	2.10:10:00	3490	156.339	0	644.5775
				-		
9/3/2016	20:16:16	2.10:15:00	3495	156.372	0	644.5775
				-		
9/3/2016	20:21:16	2.10:20:00	3500	156.339	0	644.5775
				-		
9/3/2016	20:26:16	2.10:25:00	3505	156.323	0	644.5775
				-		
9/3/2016	20:31:16	2.10:30:00	3510	156.356	0	644.5775
				-		
9/3/2016	20:36:16	2.10:35:00	3515	156.356	0	644.5775
				-		
9/3/2016	20:41:16	2.10:40:00	3520	156.307	0	644.5775
				-		
9/3/2016	20:46:16	2.10:45:00	3525	156.323	0	644.5775
				-		
9/3/2016	20:51:16	2.10:50:00	3530	156.323	0	644.5775
				-		
9/3/2016	20:56:16	2.10:55:00	3535	156.307	0	644.5775
9/3/2016	21:01:16	2.11:00:00	3540	-156.29	0	644.5775
				-		
9/3/2016	21:06:16	2.11:05:00	3545	156.307	0	644.5775
				-		
9/3/2016	21:11:16	2.11:10:00	3550	156.307	0	644.5775
				-		
9/3/2016	21:16:16	2.11:15:00	3555	156.274	0	644.5775
				-		
9/3/2016	21:21:16	2.11:20:00	3560	156.258	0	644.5775
				-		
9/3/2016	21:26:16	2.11:25:00	3565	156.242	0	644.5775
				-		
9/3/2016	21:31:16	2.11:30:00	3570	156.225	0	644.5775
				-		
9/3/2016	21:36:16	2.11:35:00	3575	156.209	0	644.5775
				-		
9/3/2016	21:41:16	2.11:40:00	3580	156.242	0	644.5775
				-		
9/3/2016	21:46:16	2.11:45:00	3585	156.258	0	644.5775

9/3/2016	21:51:16	2.11:50:00	3590	156.225	-	0	644.5775
					-		
9/3/2016	21:56:16	2.11:55:00	3595	156.242	-	0	644.5775
					-		
9/3/2016	22:01:16	2.12:00:00	3600	156.225	-	0	644.5775
					-		
9/3/2016	22:06:16	2.12:05:00	3605	156.242	-	0	644.5775
					-		
9/3/2016	22:11:16	2.12:10:00	3610	156.193	-	0	644.5775
					-		
9/3/2016	22:16:16	2.12:15:00	3615	156.225	-	0	644.5775
					-		
9/3/2016	22:21:16	2.12:20:00	3620	156.177	-	0	644.5775
					-		
9/3/2016	22:26:16	2.12:25:00	3625	156.193	-	0	644.5775
					-		
9/3/2016	22:31:16	2.12:30:00	3630	156.193	-	0	644.5775
					-		
9/3/2016	22:36:16	2.12:35:00	3635	156.193	-	0	644.5775
9/3/2016	22:41:16	2.12:40:00	3640	-156.16	-	0	644.5775
9/3/2016	22:46:16	2.12:45:00	3645	-156.16	-	0	644.5775
9/3/2016	22:51:16	2.12:50:00	3650	-156.16	-	0	644.5775
9/3/2016	22:56:16	2.12:55:00	3655	-156.16	-	0	644.5775
					-		
9/3/2016	23:01:16	2.13:00:00	3660	156.128	-	0	644.5775
					-		
9/3/2016	23:06:16	2.13:05:00	3665	156.144	-	0	644.5775
					-		
9/3/2016	23:11:16	2.13:10:00	3670	156.144	-	0	644.5775
					-		
9/3/2016	23:16:16	2.13:15:00	3675	156.128	-	0	644.5775
9/3/2016	23:21:16	2.13:20:00	3680	-156.16	-	0	644.5775
					-		
9/3/2016	23:26:16	2.13:25:00	3685	156.128	-	0	644.5775
					-		
9/3/2016	23:31:16	2.13:30:00	3690	156.111	-	0	644.5775
					-		
9/3/2016	23:36:16	2.13:35:00	3695	156.144	-	0	644.5775
					-		
9/3/2016	23:41:16	2.13:40:00	3700	156.079	-	0	644.5775
					-		
9/3/2016	23:46:16	2.13:45:00	3705	156.079	-	0	644.5775
					-		
9/3/2016	23:51:16	2.13:50:00	3710	156.095	-	0	644.5775
					-		
9/3/2016	23:56:16	2.13:55:00	3715	156.079	-	0	644.5775
					-		
9/4/2016	0:01:16	2.14:00:00	3720	156.079	-	0	644.5775
					-		
9/4/2016	0:06:16	2.14:05:00	3725	156.095	-	0	644.5775
					-		
9/4/2016	0:11:16	2.14:10:00	3730	156.063	-	0	644.5775

9/4/2016	0:16:16	2.14:15:00	3735	156.079	0	644.5775
				-		
9/4/2016	0:21:16	2.14:20:00	3740	156.014	0	644.5775
				-		
9/4/2016	0:26:16	2.14:25:00	3745	156.014	0	644.5775
				-		
9/4/2016	0:31:16	2.14:30:00	3750	156.046	0	644.5775
				-		
9/4/2016	0:36:16	2.14:35:00	3755	156.014	0	644.5775
				-		
9/4/2016	0:41:16	2.14:40:00	3760	156.063	0	644.5775
9/4/2016	0:46:16	2.14:45:00	3765	-156.03	0	644.5775
9/4/2016	0:51:16	2.14:50:00	3770	-156.03	0	644.5775
9/4/2016	0:56:16	2.14:55:00	3775	-156.03	0	644.5775
				-		
9/4/2016	1:01:16	2.15:00:00	3780	155.981	0	644.5775
				-		
9/4/2016	1:06:16	2.15:05:00	3785	156.014	0	644.5775
				-		
9/4/2016	1:11:16	2.15:10:00	3790	156.014	0	644.5775
				-		
9/4/2016	1:16:16	2.15:15:00	3795	155.997	0	644.5775
				-		
9/4/2016	1:21:16	2.15:20:00	3800	155.997	0	644.5775
				-		
9/4/2016	1:26:16	2.15:25:00	3805	155.997	0	644.5775
				-		
9/4/2016	1:31:16	2.15:30:00	3810	155.997	0	644.5775
				-		
9/4/2016	1:36:16	2.15:35:00	3815	155.997	0	644.5775
				-		
9/4/2016	1:41:16	2.15:40:00	3820	155.981	0	644.5775
				-		
9/4/2016	1:46:16	2.15:45:00	3825	155.981	0	644.5775
				-		
9/4/2016	1:51:16	2.15:50:00	3830	155.949	0	644.5775
				-		
9/4/2016	1:56:16	2.15:55:00	3835	155.981	0	644.5775
				-		
9/4/2016	2:01:16	2.16:00:00	3840	155.949	0	644.5775
				-		
9/4/2016	2:06:16	2.16:05:00	3845	155.949	0	644.5775
				-		
9/4/2016	2:11:16	2.16:10:00	3850	155.997	0	644.5775
				-		
9/4/2016	2:16:16	2.16:15:00	3855	155.932	0	644.5775
				-		
9/4/2016	2:21:16	2.16:20:00	3860	155.965	0	644.5775
				-		
9/4/2016	2:26:16	2.16:25:00	3865	155.949	0	644.5775
				-		
9/4/2016	2:31:16	2.16:30:00	3870	155.949	0	644.5775

9/4/2016	2:36:16	2.16:35:00	3875	155.916	0	644.5775
9/4/2016	2:41:16	2.16:40:00	3880	-155.9	0	644.5775
9/4/2016	2:46:16	2.16:45:00	3885	-155.9	0	644.5775
				-		
9/4/2016	2:51:16	2.16:50:00	3890	155.916	0	644.5775
				-		
9/4/2016	2:56:16	2.16:55:00	3895	155.932	0	644.5775
				-		
9/4/2016	3:01:16	2.17:00:00	3900	155.884	0	644.5775
				-		
9/4/2016	3:06:16	2.17:05:00	3905	155.916	0	644.5775
				-		
9/4/2016	3:11:16	2.17:10:00	3910	155.884	0	644.5775
				-		
9/4/2016	3:16:16	2.17:15:00	3915	155.867	0	644.5775
				-		
9/4/2016	3:21:16	2.17:20:00	3920	155.835	0	644.5775
9/4/2016	3:26:16	2.17:25:00	3925	-155.9	0	644.5775
				-		
9/4/2016	3:31:16	2.17:30:00	3930	155.884	0	644.5775
				-		
9/4/2016	3:36:16	2.17:35:00	3935	155.851	0	644.5775
				-		
9/4/2016	3:41:16	2.17:40:00	3940	155.835	0	644.5775
				-		
9/4/2016	3:46:16	2.17:45:00	3945	155.851	0	644.5775
				-		
9/4/2016	3:51:16	2.17:50:00	3950	155.851	0	644.5775
				-		
9/4/2016	3:56:16	2.17:55:00	3955	155.835	0	644.5775
				-		
9/4/2016	4:01:16	2.18:00:00	3960	155.835	0	644.5775
				-		
9/4/2016	4:06:16	2.18:05:00	3965	155.851	0	644.5775
				-		
9/4/2016	4:11:16	2.18:10:00	3970	155.818	0	644.5775
				-		
9/4/2016	4:16:16	2.18:15:00	3975	155.835	0	644.5775
				-		
9/4/2016	4:21:16	2.18:20:00	3980	155.818	0	644.5775
				-		
9/4/2016	4:26:16	2.18:25:00	3985	155.802	0	644.5775
				-		
9/4/2016	4:31:16	2.18:30:00	3990	155.818	0	644.5775
				-		
9/4/2016	4:36:16	2.18:35:00	3995	155.818	0	644.5775
				-		
9/4/2016	4:41:16	2.18:40:00	4000	155.835	0	644.5775
				-		
9/4/2016	4:46:16	2.18:45:00	4005	155.786	0	644.5775
				-		
9/4/2016	4:51:16	2.18:50:00	4010	155.753	0	644.5775

9/4/2016	4:56:16	2.18:55:00	4015	-155.77	0	644.5775
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9/4/2016	5:01:16	2.19:00:00	4020	155.786	0	644.5775
				-		
9/4/2016	5:06:16	2.19:05:00	4025	155.753	0	644.5775
				-		
9/4/2016	5:11:16	2.19:10:00	4030	155.753	0	644.5775
				-		
9/4/2016	5:16:16	2.19:15:00	4035	155.753	0	644.5775
				-		
9/4/2016	5:21:16	2.19:20:00	4040	155.753	0	644.5775
				-		
9/4/2016	5:26:16	2.19:25:00	4045	155.737	0	644.5775
				-		
9/4/2016	5:31:16	2.19:30:00	4050	155.753	0	644.5775
				-		
9/4/2016	5:36:16	2.19:35:00	4055	155.737	0	644.5775
9/4/2016	5:41:16	2.19:40:00	4060	-155.77	0	644.5775
				-		
9/4/2016	5:46:16	2.19:45:00	4065	155.705	0	644.5775
				-		
9/4/2016	5:51:16	2.19:50:00	4070	155.753	0	644.5775
				-		
9/4/2016	5:56:16	2.19:55:00	4075	155.737	0	644.5775
				-		
9/4/2016	6:01:16	2.20:00:00	4080	155.753	0	644.5775
				-		
9/4/2016	6:06:16	2.20:05:00	4085	155.721	0	644.5775
				-		
9/4/2016	6:11:16	2.20:10:00	4090	155.721	0	644.5775
				-		
9/4/2016	6:16:16	2.20:15:00	4095	155.688	0	644.5775
				-		
9/4/2016	6:21:16	2.20:20:00	4100	155.672	0	644.5775
				-		
9/4/2016	6:26:16	2.20:25:00	4105	155.688	0	644.5775
				-		
9/4/2016	6:31:16	2.20:30:00	4110	155.656	0	644.5775
				-		
9/4/2016	6:36:16	2.20:35:00	4115	155.688	0	644.5775
				-		
9/4/2016	6:41:16	2.20:40:00	4120	155.639	0	644.5775
				-		
9/4/2016	6:46:16	2.20:45:00	4125	155.672	0	644.5775
				-		
9/4/2016	6:51:16	2.20:50:00	4130	155.639	0	644.5775
				-		
9/4/2016	6:56:16	2.20:55:00	4135	155.607	0	644.5775
				-		
9/4/2016	7:01:16	2.21:00:00	4140	155.639	0	644.5775
				-		
9/4/2016	7:06:16	2.21:05:00	4145	155.591	0	644.5775

9/4/2016	7:11:16	2.21:10:00	4150	155.623	0	644.5775
				-		
9/4/2016	7:16:16	2.21:15:00	4155	155.623	0	644.5775
				-		
9/4/2016	7:21:16	2.21:20:00	4160	155.591	0	644.5775
				-		
9/4/2016	7:26:16	2.21:25:00	4165	155.639	0	644.5775
				-		
9/4/2016	7:31:16	2.21:30:00	4170	155.623	0	644.5775
				-		
9/4/2016	7:36:16	2.21:35:00	4175	155.656	0	644.5775
				-		
9/4/2016	7:41:16	2.21:40:00	4180	155.607	0	644.5775
				-		
9/4/2016	7:46:16	2.21:45:00	4185	155.623	0	644.5775
				-		
9/4/2016	7:51:16	2.21:50:00	4190	155.623	0	644.5775
				-		
9/4/2016	7:56:16	2.21:55:00	4195	155.607	0	644.5775
				-		
9/4/2016	8:01:16	2.22:00:00	4200	155.591	0	644.5775
				-		
9/4/2016	8:06:16	2.22:05:00	4205	155.558	0	644.5775
				-		
9/4/2016	8:11:16	2.22:10:00	4210	155.574	0	644.5775
				-		
9/4/2016	8:16:16	2.22:15:00	4215	155.591	0	644.5775
				-		
9/4/2016	8:21:16	2.22:20:00	4220	155.607	0	644.5775
				-		
9/4/2016	8:26:16	2.22:25:00	4225	155.591	0	644.5775
				-		
9/4/2016	8:31:16	2.22:30:00	4230	155.542	0	644.5775
				-		
9/4/2016	8:36:16	2.22:35:00	4235	155.574	0	644.5775
				-		
9/4/2016	8:41:16	2.22:40:00	4240	155.558	0	644.5775
				-		
9/4/2016	8:46:16	2.22:45:00	4245	155.558	0	644.5775
				-		
9/4/2016	8:51:16	2.22:50:00	4250	155.574	0	644.5775
				-		
9/4/2016	8:56:16	2.22:55:00	4255	155.574	0	644.5775
				-		
9/4/2016	9:01:16	2.23:00:00	4260	155.542	0	644.5775
				-		
9/4/2016	9:06:16	2.23:05:00	4265	155.542	0	644.5775
				-		
9/4/2016	9:11:16	2.23:10:00	4270	155.526	0	644.5775
				-		
9/4/2016	9:16:16	2.23:15:00	4275	155.542	0	644.5775

9/4/2016	9:21:16	2.23:20:00	4280	155.526	0	644.5775
				-		
9/4/2016	9:26:16	2.23:25:00	4285	155.509	0	644.5775
				-		
9/4/2016	9:31:16	2.23:30:00	4290	155.477	0	644.5775
				-		
9/4/2016	9:36:16	2.23:35:00	4295	155.509	0	644.5775
				-		
9/4/2016	9:41:16	2.23:40:00	4300	155.493	0	644.5775
9/4/2016	9:46:16	2.23:45:00	4305	-155.46	0	644.5775
				-		
9/4/2016	9:51:16	2.23:50:00	4310	155.477	0	644.5775
9/4/2016	9:56:16	2.23:55:00	4315	-155.46	0	644.5775
9/4/2016	10:01:16	3.00:00:00	4320	-155.46	0	644.5775
9/4/2016	10:06:16	3.00:05:00	4325	-155.46	0	644.5775
				-		
9/4/2016	10:11:16	3.00:10:00	4330	155.477	0	644.5775
				-		
9/4/2016	10:16:16	3.00:15:00	4335	155.428	0	644.5775
				-		
9/4/2016	10:21:16	3.00:20:00	4340	155.428	0	644.5775
				-		
9/4/2016	10:26:16	3.00:25:00	4345	155.444	0	644.5775
				-		
9/4/2016	10:31:16	3.00:30:00	4350	155.444	0	644.5775
				-		
9/4/2016	10:36:16	3.00:35:00	4355	155.428	0	644.5775
				-		
9/4/2016	10:41:16	3.00:40:00	4360	155.412	0	644.5775
				-		
9/4/2016	10:46:16	3.00:45:00	4365	155.412	0	644.5775
				-		
9/4/2016	10:51:16	3.00:50:00	4370	155.412	0	644.5775
				-		
9/4/2016	10:56:16	3.00:55:00	4375	155.444	0	644.5775
				-		
9/4/2016	11:01:16	3.01:00:00	4380	155.412	0	644.5775
				-		
9/4/2016	11:06:16	3.01:05:00	4385	155.412	0	644.5775
				-		
9/4/2016	11:11:16	3.01:10:00	4390	155.412	0	644.5775
				-		
9/4/2016	11:16:16	3.01:15:00	4395	155.379	0	644.5775
				-		
9/4/2016	11:21:16	3.01:20:00	4400	155.395	0	644.5775
				-		
9/4/2016	11:26:16	3.01:25:00	4405	155.395	0	644.5775
				-		
9/4/2016	11:31:16	3.01:30:00	4410	155.395	0	644.5775
				-		
9/4/2016	11:36:16	3.01:35:00	4415	155.363	0	644.5775

9/4/2016	11:41:16	3.01:40:00	4420	155.395	-	0	644.5775
					-		
9/4/2016	11:46:16	3.01:45:00	4425	155.363	-	0	644.5775
					-		
9/4/2016	11:51:16	3.01:50:00	4430	155.395	-	0	644.5775
					-		
9/4/2016	11:56:16	3.01:55:00	4435	155.379	-	0	644.5775
					-		
9/4/2016	12:01:16	3.02:00:00	4440	155.346	-	0	644.5775
					-		
9/4/2016	12:06:16	3.02:05:00	4445	155.346	-	0	644.5775
					-		
9/4/2016	12:11:16	3.02:10:00	4450	155.346	-	0	644.5775
					-		
9/4/2016	12:16:16	3.02:15:00	4455	155.346	-	0	644.5775
					-		
9/4/2016	12:21:16	3.02:20:00	4460	155.363	-	0	644.5775
					-		
9/4/2016	12:26:16	3.02:25:00	4465	155.363	-	0	644.5775
					-		
9/4/2016	12:31:16	3.02:30:00	4470	155.363	-	0	644.5775
9/4/2016	12:36:16	3.02:35:00	4475	-155.33	-	0	644.5775
9/4/2016	12:41:16	3.02:40:00	4480	-155.33	-	0	644.5775
9/4/2016	12:46:16	3.02:45:00	4485	-155.33	-	0	644.5775
					-		
9/4/2016	12:51:16	3.02:50:00	4490	155.314	-	0	644.5775
					-		
9/4/2016	12:56:16	3.02:55:00	4495	155.314	-	0	644.5775
9/4/2016	13:01:16	3.03:00:00	4500	-155.33	-	0	644.5775
9/4/2016	13:06:16	3.03:05:00	4505	-155.33	-	0	644.5775
9/4/2016	13:11:16	3.03:10:00	4510	-155.33	-	0	644.5775
					-		
9/4/2016	13:16:16	3.03:15:00	4515	155.314	-	0	644.5775
9/4/2016	13:21:16	3.03:20:00	4520	-155.33	-	0	644.5775
					-		
9/4/2016	13:26:16	3.03:25:00	4525	155.298	-	0	644.5775
					-		
9/4/2016	13:31:16	3.03:30:00	4530	155.314	-	0	644.5775
					-		
9/4/2016	13:36:16	3.03:35:00	4535	155.298	-	0	644.5775
					-		
9/4/2016	13:41:16	3.03:40:00	4540	155.281	-	0	644.5775
					-		
9/4/2016	13:46:16	3.03:45:00	4545	155.298	-	0	644.5775
					-		
9/4/2016	13:51:16	3.03:50:00	4550	155.314	-	0	644.5775
					-		
9/4/2016	13:56:16	3.03:55:00	4555	155.281	-	0	644.5775
					-		
9/4/2016	14:01:16	3.04:00:00	4560	155.281	-	0	644.5775
					-		
9/4/2016	14:06:16	3.04:05:00	4565	155.281	-	0	644.5775



9/4/2016	14:11:16	3.04:10:00	4570	155.298	0	644.5775
				-		
9/4/2016	14:16:16	3.04:15:00	4575	155.265	0	644.5775
				-		
9/4/2016	14:21:16	3.04:20:00	4580	155.249	0	644.5775
				-		
9/4/2016	14:26:16	3.04:25:00	4585	155.265	0	644.5775
				-		
9/4/2016	14:31:16	3.04:30:00	4590	155.265	0	644.5775
				-		
9/4/2016	14:36:16	3.04:35:00	4595	155.281	0	644.5775
				-		
9/4/2016	14:41:16	3.04:40:00	4600	155.265	0	644.5775
				-		
9/4/2016	14:46:16	3.04:45:00	4605	155.265	0	644.5775
				-		
9/4/2016	14:51:16	3.04:50:00	4610	155.281	0	644.5775
				-		
9/4/2016	14:56:16	3.04:55:00	4615	155.249	0	644.5775
				-		
9/4/2016	15:01:16	3.05:00:00	4620	155.265	0	644.5775
				-		
9/4/2016	15:06:16	3.05:05:00	4625	155.249	0	644.5775
				-		
9/4/2016	15:11:16	3.05:10:00	4630	155.249	0	644.5775
				-		
9/4/2016	15:16:16	3.05:15:00	4635	155.265	0	644.5775
				-		
9/4/2016	15:21:16	3.05:20:00	4640	155.249	0	644.5775
				-		
9/4/2016	15:26:16	3.05:25:00	4645	155.298	0	644.5775
				-		
9/4/2016	15:31:16	3.05:30:00	4650	155.281	0	644.5775
				-		
9/4/2016	15:36:16	3.05:35:00	4655	155.249	0	644.5775
				-		
9/4/2016	15:41:16	3.05:40:00	4660	155.233	0	644.5775
				-		
9/4/2016	15:46:16	3.05:45:00	4665	155.249	0	644.5775
				-		
9/4/2016	15:51:16	3.05:50:00	4670	155.249	0	644.5775
				-		
9/4/2016	15:56:16	3.05:55:00	4675	155.249	0	644.5775
				-		
9/4/2016	16:01:16	3.06:00:00	4680	155.233	0	644.5775
				-		
9/4/2016	16:06:16	3.06:05:00	4685	155.233	0	644.5775
				-		
9/4/2016	16:11:16	3.06:10:00	4690	155.216	0	644.5775
				-		
9/4/2016	16:16:16	3.06:15:00	4695	155.216	0	644.5775

9/4/2016	16:21:16	3.06:20:00	4700	155.216	0	644.5775
9/4/2016	16:26:16	3.06:25:00	4705	-155.2	0	644.5775
				-		
9/4/2016	16:31:16	3.06:30:00	4710	155.216	0	644.5775
				-		
9/4/2016	16:36:16	3.06:35:00	4715	155.184	0	644.5775
9/4/2016	16:41:16	3.06:40:00	4720	-155.2	0	644.5775
				-		
9/4/2016	16:46:16	3.06:45:00	4725	155.233	0	644.5775
				-		
9/4/2016	16:51:16	3.06:50:00	4730	155.233	0	644.5775
				-		
9/4/2016	16:56:16	3.06:55:00	4735	155.216	0	644.5775
				-		
9/4/2016	17:01:16	3.07:00:00	4740	155.216	0	644.5775
				-		
9/4/2016	17:06:16	3.07:05:00	4745	155.233	0	644.5775
				-		
9/4/2016	17:11:16	3.07:10:00	4750	155.167	0	644.5775
9/4/2016	17:16:16	3.07:15:00	4755	-155.2	0	644.5775
				-		
9/4/2016	17:21:16	3.07:20:00	4760	155.216	0	644.5775
				-		
9/4/2016	17:26:16	3.07:25:00	4765	155.233	0	644.5775
				-		
9/4/2016	17:31:16	3.07:30:00	4770	155.216	0	644.5775
				-		
9/4/2016	17:36:16	3.07:35:00	4775	155.184	0	644.5775
				-		
9/4/2016	17:41:16	3.07:40:00	4780	155.216	0	644.5775
				-		
9/4/2016	17:46:16	3.07:45:00	4785	155.216	0	644.5775
9/4/2016	17:51:16	3.07:50:00	4790	-155.2	0	644.5775
				-		
9/4/2016	17:56:16	3.07:55:00	4795	155.184	0	644.5775
				-		
9/4/2016	18:01:16	3.08:00:00	4800	155.216	0	644.5775
9/4/2016	18:06:16	3.08:05:00	4805	-155.2	0	644.5775
				-		
9/4/2016	18:11:16	3.08:10:00	4810	155.216	0	644.5775
				-		
9/4/2016	18:16:16	3.08:15:00	4815	155.184	0	644.5775
				-		
9/4/2016	18:21:16	3.08:20:00	4820	155.167	0	644.5775
				-		
9/4/2016	18:26:16	3.08:25:00	4825	155.184	0	644.5775
				-		
9/4/2016	18:31:16	3.08:30:00	4830	155.184	0	644.5775
				-		
9/4/2016	18:36:16	3.08:35:00	4835	155.184	0	644.5775
				-		
9/4/2016	18:41:16	3.08:40:00	4840	155.167	0	644.5775

9/4/2016	18:46:16	3.08:45:00	4845	155.184	0	644.5775
				-		
9/4/2016	18:51:16	3.08:50:00	4850	155.151	0	644.5775
				-		
9/4/2016	18:56:16	3.08:55:00	4855	155.151	0	644.5775
				-		
9/4/2016	19:01:16	3.09:00:00	4860	155.216	0	644.5775
				-		
9/4/2016	19:06:16	3.09:05:00	4865	155.135	0	644.5775
				-		
9/4/2016	19:11:16	3.09:10:00	4870	155.167	0	644.5775
				-		
9/4/2016	19:16:16	3.09:15:00	4875	155.167	0	644.5775
				-		
9/4/2016	19:21:16	3.09:20:00	4880	155.216	0	644.5775
				-		
9/4/2016	19:26:16	3.09:25:00	4885	155.151	0	644.5775
				-		
9/4/2016	19:31:16	3.09:30:00	4890	155.184	0	644.5775
				-		
9/4/2016	19:36:16	3.09:35:00	4895	155.135	0	644.5775
				-		
9/4/2016	19:41:16	3.09:40:00	4900	155.135	0	644.5775
				-		
9/4/2016	19:46:16	3.09:45:00	4905	155.102	0	644.5775
				-		
9/4/2016	19:51:16	3.09:50:00	4910	155.135	0	644.5775
				-		
9/4/2016	19:56:16	3.09:55:00	4915	155.167	0	644.5775
				-		
9/4/2016	20:01:16	3.10:00:00	4920	155.135	0	644.5775
				-		
9/4/2016	20:06:16	3.10:05:00	4925	155.151	0	644.5775
				-		
9/4/2016	20:11:16	3.10:10:00	4930	155.151	0	644.5775
				-		
9/4/2016	20:16:16	3.10:15:00	4935	155.151	0	644.5775
				-		
9/4/2016	20:21:16	3.10:20:00	4940	155.151	0	644.5775
				-		
9/4/2016	20:26:16	3.10:25:00	4945	155.135	0	644.5775
				-		
9/4/2016	20:31:16	3.10:30:00	4950	155.119	0	644.5775
				-		
9/4/2016	20:36:16	3.10:35:00	4955	155.119	0	644.5775
				-		
9/4/2016	20:41:16	3.10:40:00	4960	155.119	0	644.5775
				-		
9/4/2016	20:46:16	3.10:45:00	4965	155.119	0	644.5775
9/4/2016	20:51:16	3.10:50:00	4970	-155.07	0	644.5775
9/4/2016	20:56:16	3.10:55:00	4975	-155.07	0	644.5775

9/4/2016	21:01:16	3.11:00:00	4980	155.086	-	0	644.5775
9/4/2016	21:06:16	3.11:05:00	4985	-155.07	-	0	644.5775
9/4/2016	21:11:16	3.11:10:00	4990	155.086	-	0	644.5775
9/4/2016	21:16:16	3.11:15:00	4995	-155.07	-	0	644.5775
9/4/2016	21:21:16	3.11:20:00	5000	155.086	-	0	644.5775
9/4/2016	21:26:16	3.11:25:00	5005	155.053	-	0	644.5775
9/4/2016	21:31:16	3.11:30:00	5010	-155.07	-	0	644.5775
9/4/2016	21:36:16	3.11:35:00	5015	155.053	-	0	644.5775
9/4/2016	21:41:16	3.11:40:00	5020	155.005	-	0	644.5775
9/4/2016	21:46:16	3.11:45:00	5025	155.021	-	0	644.5775
9/4/2016	21:51:16	3.11:50:00	5030	155.053	-	0	644.5775
9/4/2016	21:56:16	3.11:55:00	5035	-155.07	-	0	644.5775
9/4/2016	22:01:16	3.12:00:00	5040	155.053	-	0	644.5775
9/4/2016	22:06:16	3.12:05:00	5045	155.086	-	0	644.5775
9/4/2016	22:11:16	3.12:10:00	5050	155.053	-	0	644.5775
9/4/2016	22:16:16	3.12:15:00	5055	155.053	-	0	644.5775
9/4/2016	22:21:16	3.12:20:00	5060	155.053	-	0	644.5775
9/4/2016	22:26:16	3.12:25:00	5065	155.021	-	0	644.5775
9/4/2016	22:31:16	3.12:30:00	5070	155.021	-	0	644.5775
9/4/2016	22:36:16	3.12:35:00	5075	155.053	-	0	644.5775
9/4/2016	22:41:16	3.12:40:00	5080	155.053	-	0	644.5775
9/4/2016	22:46:16	3.12:45:00	5085	155.037	-	0	644.5775
9/4/2016	22:51:16	3.12:50:00	5090	155.053	-	0	644.5775
9/4/2016	22:56:16	3.12:55:00	5095	155.037	-	0	644.5775
9/4/2016	23:01:16	3.13:00:00	5100	155.086	-	0	644.5775
9/4/2016	23:06:16	3.13:05:00	5105	155.037	-	0	644.5775
9/4/2016	23:11:16	3.13:10:00	5110	155.021	-	0	644.5775
9/4/2016	23:16:16	3.13:15:00	5115	155.053	-	0	644.5775

9/4/2016	23:21:16	3.13:20:00	5120	155.005	-	0	644.5775
					-		
9/4/2016	23:26:16	3.13:25:00	5125	155.021	-	0	644.5775
					-		
9/4/2016	23:31:16	3.13:30:00	5130	155.037	-	0	644.5775
					-		
9/4/2016	23:36:16	3.13:35:00	5135	154.988	-	0	644.5775
					-		
9/4/2016	23:41:16	3.13:40:00	5140	155.005	-	0	644.5775
					-		
9/4/2016	23:46:16	3.13:45:00	5145	155.005	-	0	644.5775
					-		
9/4/2016	23:51:16	3.13:50:00	5150	155.021	-	0	644.5775
					-		
9/4/2016	23:56:16	3.13:55:00	5155	154.988	-	0	644.5775
					-		
9/5/2016	0:01:16	3.14:00:00	5160	155.005	-	0	644.5775
					-		
9/5/2016	0:06:16	3.14:05:00	5165	155.005	-	0	644.5775
					-		
9/5/2016	0:11:16	3.14:10:00	5170	155.021	-	0	644.5775
					-		
9/5/2016	0:16:16	3.14:15:00	5175	155.005	-	0	644.5775
					-		
9/5/2016	0:21:16	3.14:20:00	5180	155.021	-	0	644.5775
					-		
9/5/2016	0:26:16	3.14:25:00	5185	155.005	-	0	644.5775
					-		
9/5/2016	0:31:16	3.14:30:00	5190	154.956	-	0	644.5775
					-		
9/5/2016	0:36:16	3.14:35:00	5195	154.972	-	0	644.5775
					-		
9/5/2016	0:41:16	3.14:40:00	5200	154.956	-	0	644.5775
					-		
9/5/2016	0:46:16	3.14:45:00	5205	154.972	-	0	644.5775
					-		
9/5/2016	0:51:16	3.14:50:00	5210	154.972	-	0	644.5775
					-		
9/5/2016	0:56:16	3.14:55:00	5215	154.972	-	0	644.5775
					-		
9/5/2016	1:01:16	3.15:00:00	5220	154.972	-	0	644.5775
					-		
9/5/2016	1:06:16	3.15:05:00	5225	154.972	-	0	644.5775
9/5/2016	1:11:16	3.15:10:00	5230	-154.94	-	0	644.5775
					-		
9/5/2016	1:16:16	3.15:15:00	5235	154.972	-	0	644.5775
					-		
9/5/2016	1:21:16	3.15:20:00	5240	154.956	-	0	644.5775
9/5/2016	1:26:16	3.15:25:00	5245	-154.94	-	0	644.5775
					-		
9/5/2016	1:31:16	3.15:30:00	5250	154.956	-	0	644.5775
9/5/2016	1:36:16	3.15:35:00	5255	-154.94	-	0	644.5775

9/5/2016	1:41:16	3.15:40:00	5260	154.956	-	0	644.5775
					-		
9/5/2016	1:46:16	3.15:45:00	5265	154.972	-	0	644.5775
9/5/2016	1:51:16	3.15:50:00	5270	-154.94	-	0	644.5775
					-		
9/5/2016	1:56:16	3.15:55:00	5275	154.956	-	0	644.5775
					-		
9/5/2016	2:01:16	3.16:00:00	5280	154.972	-	0	644.5775
					-		
9/5/2016	2:06:16	3.16:05:00	5285	154.907	-	0	644.5775
					-		
9/5/2016	2:11:16	3.16:10:00	5290	154.956	-	0	644.5775
					-		
9/5/2016	2:16:16	3.16:15:00	5295	154.923	-	0	644.5775
					-		
9/5/2016	2:21:16	3.16:20:00	5300	154.923	-	0	644.5775
					-		
9/5/2016	2:26:16	3.16:25:00	5305	154.891	-	0	644.5775
					-		
9/5/2016	2:31:16	3.16:30:00	5310	154.923	-	0	644.5775
					-		
9/5/2016	2:36:16	3.16:35:00	5315	154.923	-	0	644.5775
					-		
9/5/2016	2:41:16	3.16:40:00	5320	154.891	-	0	644.5775
					-		
9/5/2016	2:46:16	3.16:45:00	5325	154.907	-	0	644.5775
					-		
9/5/2016	2:51:16	3.16:50:00	5330	154.907	-	0	644.5775
					-		
9/5/2016	2:56:16	3.16:55:00	5335	154.923	-	0	644.5775
					-		
9/5/2016	3:01:16	3.17:00:00	5340	154.874	-	0	644.5775
					-		
9/5/2016	3:06:16	3.17:05:00	5345	154.891	-	0	644.5775
					-		
9/5/2016	3:11:16	3.17:10:00	5350	154.923	-	0	644.5775
					-		
9/5/2016	3:16:16	3.17:15:00	5355	154.891	-	0	644.5775
					-		
9/5/2016	3:21:16	3.17:20:00	5360	154.891	-	0	644.5775
					-		
9/5/2016	3:26:16	3.17:25:00	5365	154.923	-	0	644.5775
					-		
9/5/2016	3:31:16	3.17:30:00	5370	154.874	-	0	644.5775
					-		
9/5/2016	3:36:16	3.17:35:00	5375	154.907	-	0	644.5775
					-		
9/5/2016	3:41:16	3.17:40:00	5380	154.858	-	0	644.5775
					-		
9/5/2016	3:46:16	3.17:45:00	5385	154.891	-	0	644.5775
					-		
9/5/2016	3:51:16	3.17:50:00	5390	154.891	-	0	644.5775

9/5/2016	3:56:16	3.17:55:00	5395	154.907	0	644.5775
				-		
9/5/2016	4:01:16	3.18:00:00	5400	154.858	0	644.5775
				-		
9/5/2016	4:06:16	3.18:05:00	5405	154.891	0	644.5775
				-		
9/5/2016	4:11:16	3.18:10:00	5410	154.858	0	644.5775
				-		
9/5/2016	4:16:16	3.18:15:00	5415	154.891	0	644.5775
				-		
9/5/2016	4:21:16	3.18:20:00	5420	154.874	0	644.5775
				-		
9/5/2016	4:26:16	3.18:25:00	5425	154.874	0	644.5775
				-		
9/5/2016	4:31:16	3.18:30:00	5430	154.874	0	644.5775
				-		
9/5/2016	4:36:16	3.18:35:00	5435	154.858	0	644.5775
				-		
9/5/2016	4:41:16	3.18:40:00	5440	154.874	0	644.5775
				-		
9/5/2016	4:46:16	3.18:45:00	5445	154.842	0	644.5775
				-		
9/5/2016	4:51:16	3.18:50:00	5450	154.874	0	644.5775
				-		
9/5/2016	4:56:16	3.18:55:00	5455	154.874	0	644.5775
				-		
9/5/2016	5:01:16	3.19:00:00	5460	154.809	0	644.5775
				-		
9/5/2016	5:06:16	3.19:05:00	5465	154.842	0	644.5775
				-		
9/5/2016	5:11:16	3.19:10:00	5470	154.842	0	644.5775
				-		
9/5/2016	5:16:16	3.19:15:00	5475	154.858	0	644.5775
				-		
9/5/2016	5:21:16	3.19:20:00	5480	154.842	0	644.5775
				-		
9/5/2016	5:26:16	3.19:25:00	5485	154.891	0	644.5775
				-		
9/5/2016	5:31:16	3.19:30:00	5490	154.826	0	644.5775
				-		
9/5/2016	5:36:16	3.19:35:00	5495	154.826	0	644.5775
				-		
9/5/2016	5:41:16	3.19:40:00	5500	154.842	0	644.5775
				-		
9/5/2016	5:46:16	3.19:45:00	5505	154.826	0	644.5775
				-		
9/5/2016	5:51:16	3.19:50:00	5510	154.826	0	644.5775
				-		
9/5/2016	5:56:16	3.19:55:00	5515	154.793	0	644.5775
				-		
9/5/2016	6:01:16	3.20:00:00	5520	154.777	0	644.5775

9/5/2016	6:06:16	3.20:05:00	5525	154.842	-	0	644.5775
9/5/2016	6:11:16	3.20:10:00	5530	154.793	-	0	644.5775
9/5/2016	6:16:16	3.20:15:00	5535	154.826	-	0	644.5775
9/5/2016	6:21:16	3.20:20:00	5540	154.826	-	0	644.5775
9/5/2016	6:26:16	3.20:25:00	5545	154.761	-	0	644.5775
9/5/2016	6:31:16	3.20:30:00	5550	154.809	-	0	644.5775
9/5/2016	6:36:16	3.20:35:00	5555	154.793	-	0	644.5775
9/5/2016	6:41:16	3.20:40:00	5560	154.744	-	0	644.5775
9/5/2016	6:46:16	3.20:45:00	5565	154.761	-	0	644.5775
9/5/2016	6:51:16	3.20:50:00	5570	154.793	-	0	644.5775
9/5/2016	6:56:16	3.20:55:00	5575	154.761	-	0	644.5775
9/5/2016	7:01:16	3.21:00:00	5580	154.712	-	0	644.5775
9/5/2016	7:06:16	3.21:05:00	5585	154.761	-	0	644.5775
9/5/2016	7:11:16	3.21:10:00	5590	154.777	-	0	644.5775
9/5/2016	7:16:16	3.21:15:00	5595	154.777	-	0	644.5775
9/5/2016	7:21:16	3.21:20:00	5600	154.793	-	0	644.5775
9/5/2016	7:26:16	3.21:25:00	5605	154.744	-	0	644.5775
9/5/2016	7:31:16	3.21:30:00	5610	154.744	-	0	644.5775
9/5/2016	7:36:16	3.21:35:00	5615	154.761	-	0	644.5775
9/5/2016	7:41:16	3.21:40:00	5620	154.712	-	0	644.5775
9/5/2016	7:46:16	3.21:45:00	5625	154.761	-	0	644.5775
9/5/2016	7:51:16	3.21:50:00	5630	154.712	-	0	644.5775
9/5/2016	7:56:16	3.21:55:00	5635	154.728	-	0	644.5775
9/5/2016	8:01:16	3.22:00:00	5640	154.728	-	0	644.5775
9/5/2016	8:06:16	3.22:05:00	5645	154.695	-	0	644.5775
9/5/2016	8:11:16	3.22:10:00	5650	154.695	-	0	644.5775



9/5/2016	8:16:16	3.22:15:00	5655	154.712	-	0	644.5775
					-		
9/5/2016	8:21:16	3.22:20:00	5660	154.663	-	0	644.5775
					-		
9/5/2016	8:26:16	3.22:25:00	5665	154.695	-	0	644.5775
					-		
9/5/2016	8:31:16	3.22:30:00	5670	154.679	-	0	644.5775
					-		
9/5/2016	8:36:16	3.22:35:00	5675	154.663	-	0	644.5775
					-		
9/5/2016	8:41:16	3.22:40:00	5680	154.679	-	0	644.5775
					-		
9/5/2016	8:46:16	3.22:45:00	5685	154.695	-	0	644.5775
					-		
9/5/2016	8:51:16	3.22:50:00	5690	154.663	-	0	644.5775
					-		
9/5/2016	8:56:16	3.22:55:00	5695	154.647	-	0	644.5775
					-		
9/5/2016	9:01:16	3.23:00:00	5700	154.614	-	0	644.5775
9/5/2016	9:06:16	3.23:05:00	5705	-154.63	-	0	644.5775
					-		
9/5/2016	9:11:16	3.23:10:00	5710	154.614	-	0	644.5775
					-		
9/5/2016	9:16:16	3.23:15:00	5715	154.598	-	0	644.5775
					-		
9/5/2016	9:21:16	3.23:20:00	5720	154.598	-	0	644.5775
					-		
9/5/2016	9:26:16	3.23:25:00	5725	154.614	-	0	644.5775
9/5/2016	9:31:16	3.23:30:00	5730	-154.63	-	0	644.5775
					-		
9/5/2016	9:36:16	3.23:35:00	5735	154.598	-	0	644.5775
9/5/2016	9:41:16	3.23:40:00	5740	-154.63	-	0	644.5775
					-		
9/5/2016	9:46:16	3.23:45:00	5745	154.614	-	0	644.5775
9/5/2016	9:51:16	3.23:50:00	5750	-154.63	-	0	644.5775
					-		
9/5/2016	9:56:16	3.23:55:00	5755	154.614	-	0	644.5775
					-		
9/5/2016	10:01:16	4.00:00:00	5760	154.598	-	0	644.5775
					-		
9/5/2016	10:06:16	4.00:05:00	5765	154.598	-	0	644.5775
					-		
9/5/2016	10:11:16	4.00:10:00	5770	154.614	-	0	644.5775
9/5/2016	10:16:16	4.00:15:00	5775	-154.63	-	0	644.5775
					-		
9/5/2016	10:21:16	4.00:20:00	5780	154.582	-	0	644.5775
					-		
9/5/2016	10:26:16	4.00:25:00	5785	154.582	-	0	644.5775
					-		
9/5/2016	10:31:16	4.00:30:00	5790	154.598	-	0	644.5775
					-		
9/5/2016	10:36:16	4.00:35:00	5795	154.549	-	0	644.5775

9/5/2016	10:41:16	4.00:40:00	5800	154.598	0	644.5775
				-		
9/5/2016	10:46:16	4.00:45:00	5805	154.582	0	644.5775
				-		
9/5/2016	10:51:16	4.00:50:00	5810	154.582	0	644.5775
				-		
9/5/2016	10:56:16	4.00:55:00	5815	154.565	0	644.5775
				-		
9/5/2016	11:01:16	4.01:00:00	5820	154.565	0	644.5775
				-		
9/5/2016	11:06:16	4.01:05:00	5825	154.565	0	644.5775
				-		
9/5/2016	11:11:16	4.01:10:00	5830	154.549	0	644.5775
				-		
9/5/2016	11:16:16	4.01:15:00	5835	154.565	0	644.5775
				-		
9/5/2016	11:21:16	4.01:20:00	5840	154.549	0	644.5775
				-		
9/5/2016	11:26:16	4.01:25:00	5845	154.533	0	644.5775
				-		
9/5/2016	11:31:16	4.01:30:00	5850	154.533	0	644.5775
				-		
9/5/2016	11:36:16	4.01:35:00	5855	154.549	0	644.5775
				-		
9/5/2016	11:41:16	4.01:40:00	5860	154.549	0	644.5775
				-		
9/5/2016	11:46:16	4.01:45:00	5865	154.549	0	644.5775
				-		
9/5/2016	11:51:16	4.01:50:00	5870	154.533	0	644.5775
				-		
9/5/2016	11:56:16	4.01:55:00	5875	154.533	0	644.5775
				-		
9/5/2016	12:01:16	4.02:00:00	5880	154.565	0	644.5775
				-		
9/5/2016	12:06:16	4.02:05:00	5885	154.549	0	644.5775
				-		
9/5/2016	12:11:16	4.02:10:00	5890	154.533	0	644.5775
				-		
9/5/2016	12:16:16	4.02:15:00	5895	154.533	0	644.5775
				-		
9/5/2016	12:21:16	4.02:20:00	5900	154.549	0	644.5775
				-		
9/5/2016	12:26:16	4.02:25:00	5905	154.516	0	644.5775
				-		
9/5/2016	12:31:16	4.02:30:00	5910	154.549	0	644.5775
				-		
9/5/2016	12:36:16	4.02:35:00	5915	154.533	0	644.5775
				-		
9/5/2016	12:41:16	4.02:40:00	5920	154.533	0	644.5775
				-		
9/5/2016	12:46:16	4.02:45:00	5925	154.533	0	644.5775

9/5/2016	12:51:16	4.02:50:00	5930	154.549	0	644.5775
				-		
9/5/2016	12:56:16	4.02:55:00	5935	154.533	0	644.5775
				-		
9/5/2016	13:01:16	4.03:00:00	5940	154.533	0	644.5775
				-		
9/5/2016	13:06:16	4.03:05:00	5945	154.549	0	644.5775
				-		
9/5/2016	13:11:16	4.03:10:00	5950	154.549	0	644.5775
				-		
9/5/2016	13:16:16	4.03:15:00	5955	154.533	0	644.5775
				-		
9/5/2016	13:21:16	4.03:20:00	5960	154.516	0	644.5775
				-		
9/5/2016	13:26:16	4.03:25:00	5965	154.549	0	644.5775
				-		
9/5/2016	13:31:16	4.03:30:00	5970	154.565	0	644.5775
				-		
9/5/2016	13:36:16	4.03:35:00	5975	154.533	0	644.5775
				-		
9/5/2016	13:41:16	4.03:40:00	5980	154.516	0	644.5775
				-		
9/5/2016	13:46:16	4.03:45:00	5985	154.516	0	644.5775
				-		
9/5/2016	13:51:16	4.03:50:00	5990	154.516	0	644.5775
				-		
9/5/2016	13:56:16	4.03:55:00	5995	154.533	0	644.5775
				-		
9/5/2016	14:01:16	4.04:00:00	6000	154.533	0	644.5775
				-		
9/5/2016	14:06:16	4.04:05:00	6005	154.533	0	644.5775
				-		
9/5/2016	14:11:16	4.04:10:00	6010	154.533	0	644.5775
				-		
9/5/2016	14:16:16	4.04:15:00	6015	154.533	0	644.5775
				-		
9/5/2016	14:21:16	4.04:20:00	6020	154.549	0	644.5775
				-		
9/5/2016	14:26:16	4.04:25:00	6025	154.533	0	644.5775
				-		
9/5/2016	14:31:16	4.04:30:00	6030	154.516	0	644.5775
				-		
9/5/2016	14:36:16	4.04:35:00	6035	154.565	0	644.5775
				-		
9/5/2016	14:41:16	4.04:40:00	6040	154.533	0	644.5775
				-		
9/5/2016	14:46:16	4.04:45:00	6045	154.533	0	644.5775
9/5/2016	14:51:16	4.04:50:00	6050	-154.5	0	644.5775
				-		
9/5/2016	14:56:16	4.04:55:00	6055	154.516	0	644.5775
9/5/2016	15:01:16	4.05:00:00	6060	-154.5	0	644.5775

9/5/2016	15:06:16	4.05:05:00	6065	154.516	0	644.5775
				-		
9/5/2016	15:11:16	4.05:10:00	6070	154.484	0	644.5775
				-		
9/5/2016	15:16:16	4.05:15:00	6075	154.516	0	644.5775
				-		
9/5/2016	15:21:16	4.05:20:00	6080	154.533	0	644.5775
				-		
9/5/2016	15:26:16	4.05:25:00	6085	154.533	0	644.5775
9/5/2016	15:31:16	4.05:30:00	6090	-154.5	0	644.5775
9/5/2016	15:36:16	4.05:35:00	6095	-154.5	0	644.5775
9/5/2016	15:41:16	4.05:40:00	6100	-154.5	0	644.5775
9/5/2016	15:46:16	4.05:45:00	6105	-154.5	0	644.5775
				-		
9/5/2016	15:51:16	4.05:50:00	6110	154.484	0	644.5775
				-		
9/5/2016	15:56:16	4.05:55:00	6115	154.484	0	644.5775
9/5/2016	16:01:16	4.06:00:00	6120	-154.5	0	644.5775
				-		
9/5/2016	16:06:16	4.06:05:00	6125	154.516	0	644.5775
				-		
9/5/2016	16:11:16	4.06:10:00	6130	154.516	0	644.5775
				-		
9/5/2016	16:16:16	4.06:15:00	6135	154.468	0	644.5775
				-		
9/5/2016	16:21:16	4.06:20:00	6140	154.484	0	644.5775
				-		
9/5/2016	16:26:16	4.06:25:00	6145	154.484	0	644.5775
				-		
9/5/2016	16:31:16	4.06:30:00	6150	154.484	0	644.5775
				-		
9/5/2016	16:36:16	4.06:35:00	6155	154.484	0	644.5775
				-		
9/5/2016	16:41:16	4.06:40:00	6160	154.484	0	644.5775
				-		
9/5/2016	16:46:16	4.06:45:00	6165	154.516	0	644.5775
				-		
9/5/2016	16:51:16	4.06:50:00	6170	154.484	0	644.5775
				-		
9/5/2016	16:56:16	4.06:55:00	6175	154.516	0	644.5775
				-		
9/5/2016	17:01:16	4.07:00:00	6180	154.484	0	644.5775
				-		
9/5/2016	17:06:16	4.07:05:00	6185	154.484	0	644.5775
				-		
9/5/2016	17:11:16	4.07:10:00	6190	154.484	0	644.5775
				-		
9/5/2016	17:16:16	4.07:15:00	6195	154.468	0	644.5775
				-		
9/5/2016	17:21:16	4.07:20:00	6200	154.484	0	644.5775
				-		
9/5/2016	17:26:16	4.07:25:00	6205	154.484	0	644.5775

9/5/2016	17:31:16	4.07:30:00	6210	154.468	0	644.5775
				-		
9/5/2016	17:36:16	4.07:35:00	6215	154.435	0	644.5775
				-		
9/5/2016	17:41:16	4.07:40:00	6220	154.484	0	644.5775
				-		
9/5/2016	17:46:16	4.07:45:00	6225	154.468	0	644.5775
				-		
9/5/2016	17:51:16	4.07:50:00	6230	154.468	0	644.5775
				-		
9/5/2016	17:56:16	4.07:55:00	6235	154.468	0	644.5775
				-		
9/5/2016	18:01:16	4.08:00:00	6240	154.435	0	644.5775
				-		
9/5/2016	18:06:16	4.08:05:00	6245	154.468	0	644.5775
				-		
9/5/2016	18:11:16	4.08:10:00	6250	154.468	0	644.5775
				-		
9/5/2016	18:16:16	4.08:15:00	6255	154.435	0	644.5775
				-		
9/5/2016	18:21:16	4.08:20:00	6260	154.435	0	644.5775
				-		
9/5/2016	18:26:16	4.08:25:00	6265	154.435	0	644.5775
				-		
9/5/2016	18:31:16	4.08:30:00	6270	154.451	0	644.5775
				-		
9/5/2016	18:36:16	4.08:35:00	6275	154.402	0	644.5775
				-		
9/5/2016	18:41:16	4.08:40:00	6280	154.451	0	644.5775
				-		
9/5/2016	18:46:16	4.08:45:00	6285	154.435	0	644.5775
				-		
9/5/2016	18:51:16	4.08:50:00	6290	154.402	0	644.5775
				-		
9/5/2016	18:56:16	4.08:55:00	6295	154.435	0	644.5775
				-		
9/5/2016	19:01:16	4.09:00:00	6300	154.435	0	644.5775
				-		
9/5/2016	19:06:16	4.09:05:00	6305	154.435	0	644.5775
				-		
9/5/2016	19:11:16	4.09:10:00	6310	154.435	0	644.5775
				-		
9/5/2016	19:16:16	4.09:15:00	6315	154.435	0	644.5775
				-		
9/5/2016	19:21:16	4.09:20:00	6320	154.435	0	644.5775
				-		
9/5/2016	19:26:16	4.09:25:00	6325	154.419	0	644.5775
				-		
9/5/2016	19:31:16	4.09:30:00	6330	154.451	0	644.5775
				-		
9/5/2016	19:36:16	4.09:35:00	6335	154.419	0	644.5775

9/5/2016	19:41:16	4.09:40:00	6340	154.419	0	644.5775
				-		
9/5/2016	19:46:16	4.09:45:00	6345	154.419	0	644.5775
				-		
9/5/2016	19:51:16	4.09:50:00	6350	154.419	0	644.5775
				-		
9/5/2016	19:56:16	4.09:55:00	6355	154.451	0	644.5775
				-		
9/5/2016	20:01:16	4.10:00:00	6360	154.435	0	644.5775
				-		
9/5/2016	20:06:16	4.10:05:00	6365	154.435	0	644.5775
				-		
9/5/2016	20:11:16	4.10:10:00	6370	154.419	0	644.5775
				-		
9/5/2016	20:16:16	4.10:15:00	6375	154.419	0	644.5775
				-		
9/5/2016	20:21:16	4.10:20:00	6380	154.386	0	644.5775
				-		
9/5/2016	20:26:16	4.10:25:00	6385	154.402	0	644.5775
9/5/2016	20:31:16	4.10:30:00	6390	-154.37	0	644.5775
9/5/2016	20:36:16	4.10:35:00	6395	-154.37	0	644.5775
				-		
9/5/2016	20:41:16	4.10:40:00	6400	154.337	0	644.5775
9/5/2016	20:46:16	4.10:45:00	6405	-154.37	0	644.5775
				-		
9/5/2016	20:51:16	4.10:50:00	6410	154.337	0	644.5775
				-		
9/5/2016	20:56:16	4.10:55:00	6415	154.402	0	644.5775
				-		
9/5/2016	21:01:16	4.11:00:00	6420	154.386	0	644.5775
9/5/2016	21:06:16	4.11:05:00	6425	-154.37	0	644.5775
				-		
9/5/2016	21:11:16	4.11:10:00	6430	154.337	0	644.5775
9/5/2016	21:16:16	4.11:15:00	6435	-154.37	0	644.5775
				-		
9/5/2016	21:21:16	4.11:20:00	6440	154.337	0	644.5775
9/5/2016	21:26:16	4.11:25:00	6445	-154.37	0	644.5775
				-		
9/5/2016	21:31:16	4.11:30:00	6450	154.354	0	644.5775
				-		
9/5/2016	21:36:16	4.11:35:00	6455	154.354	0	644.5775
				-		
9/5/2016	21:41:16	4.11:40:00	6460	154.337	0	644.5775
				-		
9/5/2016	21:46:16	4.11:45:00	6465	154.321	0	644.5775
				-		
9/5/2016	21:51:16	4.11:50:00	6470	154.354	0	644.5775
				-		
9/5/2016	21:56:16	4.11:55:00	6475	154.354	0	644.5775
				-		
9/5/2016	22:01:16	4.12:00:00	6480	154.354	0	644.5775

9/5/2016	22:06:16	4.12:05:00	6485	154.305	-	0	644.5775
					-		
9/5/2016	22:11:16	4.12:10:00	6490	154.321	-	0	644.5775
					-		
9/5/2016	22:16:16	4.12:15:00	6495	154.354	-	0	644.5775
					-		
9/5/2016	22:21:16	4.12:20:00	6500	154.354	-	0	644.5775
					-		
9/5/2016	22:26:16	4.12:25:00	6505	154.354	-	0	644.5775
					-		
9/5/2016	22:31:16	4.12:30:00	6510	154.289	-	0	644.5775
9/5/2016	22:36:16	4.12:35:00	6515	-154.37	-	0	644.5775
					-		
9/5/2016	22:41:16	4.12:40:00	6520	154.337	-	0	644.5775
					-		
9/5/2016	22:46:16	4.12:45:00	6525	154.337	-	0	644.5775
					-		
9/5/2016	22:51:16	4.12:50:00	6530	154.305	-	0	644.5775
					-		
9/5/2016	22:56:16	4.12:55:00	6535	154.321	-	0	644.5775
					-		
9/5/2016	23:01:16	4.13:00:00	6540	154.354	-	0	644.5775
					-		
9/5/2016	23:06:16	4.13:05:00	6545	154.305	-	0	644.5775
					-		
9/5/2016	23:11:16	4.13:10:00	6550	154.321	-	0	644.5775
					-		
9/5/2016	23:16:16	4.13:15:00	6555	154.337	-	0	644.5775
					-		
9/5/2016	23:21:16	4.13:20:00	6560	154.321	-	0	644.5775
					-		
9/5/2016	23:26:16	4.13:25:00	6565	154.305	-	0	644.5775
					-		
9/5/2016	23:31:16	4.13:30:00	6570	154.272	-	0	644.5775
					-		
9/5/2016	23:36:16	4.13:35:00	6575	154.305	-	0	644.5775
					-		
9/5/2016	23:41:16	4.13:40:00	6580	154.256	-	0	644.5775
					-		
9/5/2016	23:46:16	4.13:45:00	6585	154.289	-	0	644.5775
					-		
9/5/2016	23:51:16	4.13:50:00	6590	154.289	-	0	644.5775
					-		
9/5/2016	23:56:16	4.13:55:00	6595	154.305	-	0	644.5775
					-		
9/6/2016	0:01:16	4.14:00:00	6600	154.289	-	0	644.5775
					-		
9/6/2016	0:06:16	4.14:05:00	6605	154.272	-	0	644.5775
					-		
9/6/2016	0:11:16	4.14:10:00	6610	154.305	-	0	644.5775
					-		
9/6/2016	0:16:16	4.14:15:00	6615	154.272	-	0	644.5775

9/6/2016	0:21:16	4.14:20:00	6620	154.305	-	0	644.5775
					-		
9/6/2016	0:26:16	4.14:25:00	6625	154.289	-	0	644.5775
					-		
9/6/2016	0:31:16	4.14:30:00	6630	154.272	-	0	644.5775
					-		
9/6/2016	0:36:16	4.14:35:00	6635	154.272	-	0	644.5775
					-		
9/6/2016	0:41:16	4.14:40:00	6640	154.272	-	0	644.5775
					-		
9/6/2016	0:46:16	4.14:45:00	6645	154.289	-	0	644.5775
					-		
9/6/2016	0:51:16	4.14:50:00	6650	154.289	-	0	644.5775
					-		
9/6/2016	0:56:16	4.14:55:00	6655	154.289	-	0	644.5775
					-		
9/6/2016	1:01:16	4.15:00:00	6660	154.256	-	0	644.5775
					-		
9/6/2016	1:06:16	4.15:05:00	6665	154.272	-	0	644.5775
					-		
9/6/2016	1:11:16	4.15:10:00	6670	154.289	-	0	644.5775
					-		
9/6/2016	1:16:16	4.15:15:00	6675	154.305	-	0	644.5775
					-		
9/6/2016	1:21:16	4.15:20:00	6680	154.289	-	0	644.5775
9/6/2016	1:26:16	4.15:25:00	6685	-154.24	-	0	644.5775
					-		
9/6/2016	1:31:16	4.15:30:00	6690	154.256	-	0	644.5775
					-		
9/6/2016	1:36:16	4.15:35:00	6695	154.256	-	0	644.5775
					-		
9/6/2016	1:41:16	4.15:40:00	6700	154.272	-	0	644.5775
					-		
9/6/2016	1:46:16	4.15:45:00	6705	154.256	-	0	644.5775
9/6/2016	1:51:16	4.15:50:00	6710	-154.24	-	0	644.5775
					-		
9/6/2016	1:56:16	4.15:55:00	6715	154.256	-	0	644.5775
					-		
9/6/2016	2:01:16	4.16:00:00	6720	154.207	-	0	644.5775
					-		
9/6/2016	2:06:16	4.16:05:00	6725	154.223	-	0	644.5775
					-		
9/6/2016	2:11:16	4.16:10:00	6730	154.223	-	0	644.5775
9/6/2016	2:16:16	4.16:15:00	6735	-154.24	-	0	644.5775
9/6/2016	2:21:16	4.16:20:00	6740	-154.24	-	0	644.5775
					-		
9/6/2016	2:26:16	4.16:25:00	6745	154.223	-	0	644.5775
					-		
9/6/2016	2:31:16	4.16:30:00	6750	154.223	-	0	644.5775
					-		
9/6/2016	2:36:16	4.16:35:00	6755	154.223	-	0	644.5775



9/6/2016	2:41:16	4.16:40:00	6760	154.223	0	644.5775
				-		
9/6/2016	2:46:16	4.16:45:00	6765	154.175	0	644.5775
9/6/2016	2:51:16	4.16:50:00	6770	-154.24	0	644.5775
9/6/2016	2:56:16	4.16:55:00	6775	-154.24	0	644.5775
				-		
9/6/2016	3:01:16	4.17:00:00	6780	154.207	0	644.5775
				-		
9/6/2016	3:06:16	4.17:05:00	6785	154.191	0	644.5775
				-		
9/6/2016	3:11:16	4.17:10:00	6790	154.223	0	644.5775
				-		
9/6/2016	3:16:16	4.17:15:00	6795	154.207	0	644.5775
				-		
9/6/2016	3:21:16	4.17:20:00	6800	154.191	0	644.5775
				-		
9/6/2016	3:26:16	4.17:25:00	6805	154.191	0	644.5775
				-		
9/6/2016	3:31:16	4.17:30:00	6810	154.175	0	644.5775
				-		
9/6/2016	3:36:16	4.17:35:00	6815	154.191	0	644.5775
				-		
9/6/2016	3:41:16	4.17:40:00	6820	154.175	0	644.5775
				-		
9/6/2016	3:46:16	4.17:45:00	6825	154.191	0	644.5775
				-		
9/6/2016	3:51:16	4.17:50:00	6830	154.175	0	644.5775
				-		
9/6/2016	3:56:16	4.17:55:00	6835	154.175	0	644.5775
				-		
9/6/2016	4:01:16	4.18:00:00	6840	154.158	0	644.5775
				-		
9/6/2016	4:06:16	4.18:05:00	6845	154.175	0	644.5775
				-		
9/6/2016	4:11:16	4.18:10:00	6850	154.158	0	644.5775
				-		
9/6/2016	4:16:16	4.18:15:00	6855	154.207	0	644.5775
				-		
9/6/2016	4:21:16	4.18:20:00	6860	154.158	0	644.5775
				-		
9/6/2016	4:26:16	4.18:25:00	6865	154.191	0	644.5775
				-		
9/6/2016	4:31:16	4.18:30:00	6870	154.175	0	644.5775
				-		
9/6/2016	4:36:16	4.18:35:00	6875	154.175	0	644.5775
				-		
9/6/2016	4:41:16	4.18:40:00	6880	154.175	0	644.5775
				-		
9/6/2016	4:46:16	4.18:45:00	6885	154.175	0	644.5775
				-		
9/6/2016	4:51:16	4.18:50:00	6890	154.191	0	644.5775

9/6/2016	4:56:16	4.18:55:00	6895	154.158	-	0	644.5775
					-		
9/6/2016	5:01:16	4.19:00:00	6900	154.191	-	0	644.5775
					-		
9/6/2016	5:06:16	4.19:05:00	6905	154.191	-	0	644.5775
					-		
9/6/2016	5:11:16	4.19:10:00	6910	154.158	-	0	644.5775
					-		
9/6/2016	5:16:16	4.19:15:00	6915	154.175	-	0	644.5775
					-		
9/6/2016	5:21:16	4.19:20:00	6920	154.158	-	0	644.5775
					-		
9/6/2016	5:26:16	4.19:25:00	6925	154.142	-	0	644.5775
					-		
9/6/2016	5:31:16	4.19:30:00	6930	154.142	-	0	644.5775
					-		
9/6/2016	5:36:16	4.19:35:00	6935	154.126	-	0	644.5775
					-		
9/6/2016	5:41:16	4.19:40:00	6940	154.175	-	0	644.5775
					-		
9/6/2016	5:46:16	4.19:45:00	6945	154.126	-	0	644.5775
					-		
9/6/2016	5:51:16	4.19:50:00	6950	154.158	-	0	644.5775
					-		
9/6/2016	5:56:16	4.19:55:00	6955	154.142	-	0	644.5775
					-		
9/6/2016	6:01:16	4.20:00:00	6960	154.126	-	0	644.5775
					-		
9/6/2016	6:06:16	4.20:05:00	6965	154.109	-	0	644.5775
					-		
9/6/2016	6:11:16	4.20:10:00	6970	154.109	-	0	644.5775
					-		
9/6/2016	6:16:16	4.20:15:00	6975	154.142	-	0	644.5775
					-		
9/6/2016	6:21:16	4.20:20:00	6980	154.126	-	0	644.5775
					-		
9/6/2016	6:26:16	4.20:25:00	6985	154.109	-	0	644.5775
					-		
9/6/2016	6:31:16	4.20:30:00	6990	154.109	-	0	644.5775
					-		
9/6/2016	6:36:16	4.20:35:00	6995	154.093	-	0	644.5775
					-		
9/6/2016	6:41:16	4.20:40:00	7000	154.093	-	0	644.5775
					-		
9/6/2016	6:46:16	4.20:45:00	7005	154.093	-	0	644.5775
					-		
9/6/2016	6:51:16	4.20:50:00	7010	154.093	-	0	644.5775
					-		
9/6/2016	6:56:16	4.20:55:00	7015	154.109	-	0	644.5775
					-		
9/6/2016	7:01:16	4.21:00:00	7020	154.109	-	0	644.5775

9/6/2016	7:06:16	4.21:05:00	7025	154.109	-	0	644.5775
					-		
9/6/2016	7:11:16	4.21:10:00	7030	154.077	-	0	644.5775
					-		
9/6/2016	7:16:16	4.21:15:00	7035	154.109	-	0	644.5775
					-		
9/6/2016	7:21:16	4.21:20:00	7040	154.093	-	0	644.5775
					-		
9/6/2016	7:26:16	4.21:25:00	7045	154.093	-	0	644.5775
					-		
9/6/2016	7:31:16	4.21:30:00	7050	154.028	-	0	644.5775
					-		
9/6/2016	7:36:16	4.21:35:00	7055	154.044	-	0	644.5775
					-		
9/6/2016	7:41:16	4.21:40:00	7060	154.077	-	0	644.5775
					-		
9/6/2016	7:46:16	4.21:45:00	7065	154.044	-	0	644.5775
					-		
9/6/2016	7:51:16	4.21:50:00	7070	154.044	-	0	644.5775
					-		
9/6/2016	7:56:16	4.21:55:00	7075	154.044	-	0	644.5775
					-		
9/6/2016	8:01:16	4.22:00:00	7080	154.093	-	0	644.5775
					-		
9/6/2016	8:06:16	4.22:05:00	7085	154.061	-	0	644.5775
					-		
9/6/2016	8:11:16	4.22:10:00	7090	154.077	-	0	644.5775
					-		
9/6/2016	8:16:16	4.22:15:00	7095	154.028	-	0	644.5775
					-		
9/6/2016	8:21:16	4.22:20:00	7100	154.061	-	0	644.5775
					-		
9/6/2016	8:26:16	4.22:25:00	7105	154.044	-	0	644.5775
					-		
9/6/2016	8:31:16	4.22:30:00	7110	154.061	-	0	644.5775
					-		
9/6/2016	8:36:16	4.22:35:00	7115	154.028	-	0	644.5775
					-		
9/6/2016	8:41:16	4.22:40:00	7120	154.028	-	0	644.5775
					-		
9/6/2016	8:46:16	4.22:45:00	7125	154.044	-	0	644.5775
					-		
9/6/2016	8:51:16	4.22:50:00	7130	154.061	-	0	644.5775
					-		
9/6/2016	8:56:16	4.22:55:00	7135	153.996	-	0	644.5775
					-		
9/6/2016	9:01:16	4.23:00:00	7140	153.996	-	0	644.5775
					-		
9/6/2016	9:06:16	4.23:05:00	7145	154.028	-	0	644.5775
					-		
9/6/2016	9:11:16	4.23:10:00	7150	154.061	-	0	644.5775

9/6/2016	9:16:16	4.23:15:00	7155	154.028	-	0	644.5775
					-		
9/6/2016	9:21:16	4.23:20:00	7160	153.979	-	0	644.5775
					-		
9/6/2016	9:26:16	4.23:25:00	7165	153.963	-	0	644.5775
					-		
9/6/2016	9:31:16	4.23:30:00	7170	153.996	-	0	644.5775
					-		
9/6/2016	9:36:16	4.23:35:00	7175	154.012	-	0	644.5775
					-		
9/6/2016	9:41:16	4.23:40:00	7180	153.996	-	0	644.5775
					-		
9/6/2016	9:46:16	4.23:45:00	7185	153.979	-	0	644.5775
					-		
9/6/2016	9:51:16	4.23:50:00	7190	154.028	-	0	644.5775
					-		
9/6/2016	9:56:16	4.23:55:00	7195	153.996	-	0	644.5775
					-		
9/6/2016	10:01:16	5.00:00:00	7200	154.012	-	0	644.5775
					-		
9/6/2016	10:06:16	5.00:05:00	7205	153.979	-	0	644.5775
					-		
9/6/2016	10:11:16	5.00:10:00	7210	153.979	-	0	644.5775
					-		
9/6/2016	10:16:16	5.00:15:00	7215	153.947	-	0	644.5775
					-		
9/6/2016	10:21:16	5.00:20:00	7220	153.963	-	0	644.5775
					-		
9/6/2016	10:26:16	5.00:25:00	7225	153.979	-	0	644.5775
					-		
9/6/2016	10:31:16	5.00:30:00	7230	153.996	-	0	644.5775
					-		
9/6/2016	10:36:16	5.00:35:00	7235	153.963	-	0	644.5775
9/6/2016	10:41:16	5.00:40:00	7240	-153.93	-	0	644.5775
					-		
9/6/2016	10:46:16	5.00:45:00	7245	153.963	-	0	644.5775
					-		
9/6/2016	10:51:16	5.00:50:00	7250	153.963	-	0	644.5775
					-		
9/6/2016	10:56:16	5.00:55:00	7255	153.947	-	0	644.5775
					-		
9/6/2016	11:01:16	5.01:00:00	7260	153.914	-	0	644.5775
					-		
9/6/2016	11:06:16	5.01:05:00	7265	153.947	-	0	644.5775
					-		
9/6/2016	11:11:16	5.01:10:00	7270	153.947	-	0	644.5775
9/6/2016	11:16:16	5.01:15:00	7275	-153.93	-	0	644.5775
					-		
9/6/2016	11:21:16	5.01:20:00	7280	153.947	-	0	644.5775
9/6/2016	11:26:16	5.01:25:00	7285	-153.93	-	0	644.5775
9/6/2016	11:31:16	5.01:30:00	7290	-153.93	-	0	644.5775

9/6/2016	11:36:16	5.01:35:00	7295	153.914	0	644.5775	-
9/6/2016	11:41:16	5.01:40:00	7300	153.947	0	644.5775	-
9/6/2016	11:46:16	5.01:45:00	7305	153.947	0	644.5775	-
9/6/2016	11:51:16	5.01:50:00	7310	153.947	0	644.5775	-
9/6/2016	11:56:16	5.01:55:00	7315	153.898	0	644.5775	-
9/6/2016	12:01:16	5.02:00:00	7320	153.898	0	644.5775	-
9/6/2016	12:06:16	5.02:05:00	7325	-153.93	0	644.5775	-
9/6/2016	12:11:16	5.02:10:00	7330	-153.93	0	644.5775	-
9/6/2016	12:16:16	5.02:15:00	7335	-153.93	0	644.5775	-
9/6/2016	12:21:16	5.02:20:00	7340	-153.93	0	644.5775	-
9/6/2016	12:26:16	5.02:25:00	7345	153.914	0	644.5775	-
9/6/2016	12:31:16	5.02:30:00	7350	153.914	0	644.5775	-
9/6/2016	12:36:16	5.02:35:00	7355	153.898	0	644.5775	-
9/6/2016	12:41:16	5.02:40:00	7360	153.914	0	644.5775	-
9/6/2016	12:46:16	5.02:45:00	7365	153.898	0	644.5775	-
9/6/2016	12:51:16	5.02:50:00	7370	153.898	0	644.5775	-
9/6/2016	12:56:16	5.02:55:00	7375	153.898	0	644.5775	-
9/6/2016	13:01:16	5.03:00:00	7380	153.882	0	644.5775	-
9/6/2016	13:06:16	5.03:05:00	7385	153.914	0	644.5775	-
9/6/2016	13:11:16	5.03:10:00	7390	153.882	0	644.5775	-
9/6/2016	13:16:16	5.03:15:00	7395	153.898	0	644.5775	-
9/6/2016	13:21:16	5.03:20:00	7400	153.882	0	644.5775	-
9/6/2016	13:26:16	5.03:25:00	7405	153.898	0	644.5775	-
9/6/2016	13:31:16	5.03:30:00	7410	153.882	0	644.5775	-
9/6/2016	13:36:16	5.03:35:00	7415	153.914	0	644.5775	-
9/6/2016	13:41:16	5.03:40:00	7420	-153.93	0	644.5775	-
9/6/2016	13:46:16	5.03:45:00	7425	153.882	0	644.5775	-
9/6/2016	13:51:16	5.03:50:00	7430	153.898	0	644.5775	End Recovery

