

2001-06	5.82
2001-07	5.75
2001-08	5.58
2001-09	5.53
2001-10	5.34
2001-11	5.33
2001-12	5.76
2002-01	5.69
2002-02	5.61
2002-03	5.93
2002-04	5.85
2002-05	5.81
2002-06	5.65
2002-07	5.51
2002-08	5.19
2002-09	4.87
2002-10	5
2002-11	5.04
2002-12	5.01
2003-01	5.02
2003-02	4.87
2003-03	4.82
2003-04	4.91
2003-05	4.52
2003-06	4.34
2003-07	4.92
2003-08	5.39
2003-09	5.21
2003-10	5.21
2003-11	5.17
2003-12	5.11
2004-01	5.01
2004-02	4.94
2004-03	4.72
2004-04	5.16
2004-05	5.46
2004-06	5.45
2004-07	5.24
2004-08	5.07
2004-09	4.89
2004-10	4.85
2004-11	4.89
2004-12	4.88
2005-01	4.77
2005-02	4.61
2005-03	4.89
2005-04	4.75
2005-05	4.56
2005-06	4.35
2005-07	4.48
2005-08	4.53
2005-09	4.51
2005-10	4.74
2005-11	4.83
2005-12	4.73
2006-01	4.65
2006-02	4.73
2006-03	4.91
2006-04	5.22
2006-05	5.35
2006-06	5.29
2006-07	5.25
2006-08	5.08
2006-09	4.93
2006-10	4.94
2006-11	4.78
2006-12	4.78
2007-01	4.95
2007-02	4.93
2007-03	4.81
2007-04	4.95
2007-05	4.98
2007-06	5.29

2007-07	5.19
2007-08	5
2007-09	4.84
2007-10	4.83
2007-11	4.56
2007-12	4.57
2008-01	4.35
2008-02	4.49
2008-03	4.36
2008-04	4.44
2008-05	4.6
2008-06	4.74
2008-07	4.62
2008-08	4.53
2008-09	4.32
2008-10	4.45
2008-11	4.27
2008-12	3.18
2009-01	3.46
2009-02	3.83
2009-03	3.78
2009-04	3.84
2009-05	4.22
2009-06	4.51
2009-07	4.38
2009-08	4.33
2009-09	4.14
2009-10	4.16
2009-11	4.24
2009-12	4.4
2010-01	4.5
2010-02	4.48
2010-03	4.49
2010-04	4.53
2010-05	4.11
2010-06	3.95
2010-07	3.8
2010-08	3.52
2010-09	3.47
2010-10	3.52
2010-11	3.82
2010-12	4.17
2011-01	4.28
2011-02	4.42
2011-03	4.27
2011-04	4.28
2011-05	4.01
2011-06	3.91
2011-07	3.95
2011-08	3.24
2011-09	2.83
2011-10	2.87
2011-11	2.72
2011-12	2.67
2012-01	2.7
2012-02	2.75
2012-03	2.94
2012-04	2.82
2012-05	2.53
2012-06	2.31
2012-07	2.22
2012-08	2.4
2012-09	2.49
2012-10	2.51
2012-11	2.39
2012-12	2.47
2013-01	2.68
2013-02	2.78
2013-03	2.78
2013-04	2.55
2013-05	2.73
2013-06	3.07
2013-07	3.31

2013-08	3.49
2013-09	3.53
2013-10	3.38
2013-11	3.5
2013-12	3.63
2014-01	3.52
2014-02	3.38
2014-03	3.35
2014-04	3.27
2014-05	3.12
2014-06	3.15
2014-07	3.07
2014-08	2.94
2014-09	3.01
2014-10	2.77
2014-11	2.76
2014-12	2.55
2015-01	2.2
2015-02	2.34
2015-03	2.41
2015-04	2.33
2015-05	2.69
2015-06	2.85
2015-07	2.77
2015-08	2.55
2015-09	2.62
2015-10	2.5
2015-11	2.69
2015-12	2.61
2016-01	2.49
2016-02	2.2
2016-03	2.28
2016-04	2.21
2016-05	2.22
2016-06	2.02
2016-07	1.82
2016-08	1.89
2016-09	2.02
2016-10	2.17
2016-11	2.54
2016-12	2.84
2017-01	2.75
2017-02	2.76
2017-03	2.83
2017-04	2.67
2017-05	2.7
2017-06	2.54
2017-07	2.65
2017-08	2.55
2017-09	2.53
2017-10	2.65
2017-11	2.6

Series Description	MOODY'S YIELD ON SEASONED CORPORATE BONDS - ALL INDUSTRIES, AAA	
Unit:	Percent:_Per_Year	
Multiplier:	1	
Currency	NA	
Unique Identifier:	H15/H15/RIMLPAAAR_N.A	
Time Period	RIMLPAAAR_N.A	
1919-01-01	5.35	
1919-02-01	5.35	
1919-03-01	5.39	
1919-04-01	5.44	
1919-05-01	5.39	
1919-06-01	5.40	
1919-07-01	5.44	
1919-08-01	5.56	
1919-09-01	5.60	
1919-10-01	5.54	
1919-11-01	5.66	
1919-12-01	5.73	
1920-01-01	5.75	
1920-02-01	5.86	
1920-03-01	5.92	
1920-04-01	6.04	
1920-05-01	6.25	
1920-06-01	6.38	
1920-07-01	6.34	
1920-08-01	6.30	
1920-09-01	6.22	
1920-10-01	6.05	
1920-11-01	6.08	
1920-12-01	6.26	
1921-01-01	6.14	
1921-02-01	6.08	
1921-03-01	6.08	
1921-04-01	6.06	
1921-05-01	6.11	
1921-06-01	6.18	
1921-07-01	6.12	
1921-08-01	5.99	
1921-09-01	5.93	
1921-10-01	5.84	
1921-11-01	5.60	
1921-12-01	5.50	
1922-01-01	5.34	
1922-02-01	5.29	
1922-03-01	5.23	
1922-04-01	5.15	
1922-05-01	5.13	
1922-06-01	5.08	
1922-07-01	5.00	
1922-08-01	4.96	
1922-09-01	4.93	
1922-10-01	4.97	
1922-11-01	5.09	
1922-12-01	5.08	
1923-01-01	5.04	
1923-02-01	5.07	
1923-03-01	5.13	
1923-04-01	5.22	
1923-05-01	5.16	
1923-06-01	5.15	
1923-07-01	5.14	
1923-08-01	5.08	
1923-09-01	5.12	
1923-10-01	5.11	
1923-11-01	5.09	
1923-12-01	5.09	
1924-01-01	5.09	
1924-02-01	5.09	
1924-03-01	5.10	
1924-04-01	5.08	
1924-05-01	5.04	
1924-06-01	4.99	
1924-07-01	4.95	

1924-08-01	4.95
1924-09-01	4.95
1924-10-01	4.92
1924-11-01	4.94
1924-12-01	4.95
1925-01-01	4.95
1925-02-01	4.95
1925-03-01	4.91
1925-04-01	4.87
1925-05-01	4.83
1925-06-01	4.83
1925-07-01	4.87
1925-08-01	4.90
1925-09-01	4.87
1925-10-01	4.85
1925-11-01	4.84
1925-12-01	4.85
1926-01-01	4.82
1926-02-01	4.77
1926-03-01	4.79
1926-04-01	4.74
1926-05-01	4.71
1926-06-01	4.72
1926-07-01	4.71
1926-08-01	4.72
1926-09-01	4.72
1926-10-01	4.71
1926-11-01	4.68
1926-12-01	4.68
1927-01-01	4.66
1927-02-01	4.67
1927-03-01	4.62
1927-04-01	4.58
1927-05-01	4.57
1927-06-01	4.58
1927-07-01	4.60
1927-08-01	4.56
1927-09-01	4.54
1927-10-01	4.51
1927-11-01	4.49
1927-12-01	4.46
1928-01-01	4.46
1928-02-01	4.46
1928-03-01	4.46
1928-04-01	4.46
1928-05-01	4.49
1928-06-01	4.57
1928-07-01	4.61
1928-08-01	4.64
1928-09-01	4.61
1928-10-01	4.61
1928-11-01	4.58
1928-12-01	4.61
1929-01-01	4.62
1929-02-01	4.66
1929-03-01	4.70
1929-04-01	4.69
1929-05-01	4.70
1929-06-01	4.77
1929-07-01	4.77
1929-08-01	4.79
1929-09-01	4.80
1929-10-01	4.77
1929-11-01	4.76
1929-12-01	4.67
1930-01-01	4.66
1930-02-01	4.69
1930-03-01	4.62
1930-04-01	4.60
1930-05-01	4.60
1930-06-01	4.57
1930-07-01	4.52
1930-08-01	4.47

1930-09-01	4.42
1930-10-01	4.42
1930-11-01	4.47
1930-12-01	4.52
1931-01-01	4.42
1931-02-01	4.43
1931-03-01	4.39
1931-04-01	4.40
1931-05-01	4.37
1931-06-01	4.36
1931-07-01	4.36
1931-08-01	4.40
1931-09-01	4.55
1931-10-01	4.99
1931-11-01	4.94
1931-12-01	5.32
1932-01-01	5.20
1932-02-01	5.23
1932-03-01	4.98
1932-04-01	5.17
1932-05-01	5.36
1932-06-01	5.41
1932-07-01	5.26
1932-08-01	4.91
1932-09-01	4.70
1932-10-01	4.64
1932-11-01	4.63
1932-12-01	4.59
1933-01-01	4.44
1933-02-01	4.48
1933-03-01	4.68
1933-04-01	4.78
1933-05-01	4.63
1933-06-01	4.46
1933-07-01	4.36
1933-08-01	4.30
1933-09-01	4.36
1933-10-01	4.34
1933-11-01	4.54
1933-12-01	4.50
1934-01-01	4.35
1934-02-01	4.20
1934-03-01	4.13
1934-04-01	4.07
1934-05-01	4.01
1934-06-01	3.93
1934-07-01	3.89
1934-08-01	3.93
1934-09-01	3.96
1934-10-01	3.90
1934-11-01	3.86
1934-12-01	3.81
1935-01-01	3.77
1935-02-01	3.69
1935-03-01	3.67
1935-04-01	3.66
1935-05-01	3.65
1935-06-01	3.61
1935-07-01	3.56
1935-08-01	3.60
1935-09-01	3.59
1935-10-01	3.52
1935-11-01	3.47
1935-12-01	3.44
1936-01-01	3.37
1936-02-01	3.32
1936-03-01	3.29
1936-04-01	3.29
1936-05-01	3.27
1936-06-01	3.24
1936-07-01	3.23
1936-08-01	3.21
1936-09-01	3.18

1936-10-01	3.18
1936-11-01	3.15
1936-12-01	3.10
1937-01-01	3.10
1937-02-01	3.22
1937-03-01	3.32
1937-04-01	3.42
1937-05-01	3.33
1937-06-01	3.28
1937-07-01	3.25
1937-08-01	3.24
1937-09-01	3.28
1937-10-01	3.27
1937-11-01	3.24
1937-12-01	3.21
1938-01-01	3.17
1938-02-01	3.20
1938-03-01	3.22
1938-04-01	3.30
1938-05-01	3.22
1938-06-01	3.26
1938-07-01	3.22
1938-08-01	3.18
1938-09-01	3.21
1938-10-01	3.15
1938-11-01	3.10
1938-12-01	3.08
1939-01-01	3.01
1939-02-01	3.00
1939-03-01	2.99
1939-04-01	3.02
1939-05-01	2.97
1939-06-01	2.92
1939-07-01	2.89
1939-08-01	2.93
1939-09-01	3.25
1939-10-01	3.15
1939-11-01	3.00
1939-12-01	2.94
1940-01-01	2.88
1940-02-01	2.86
1940-03-01	2.84
1940-04-01	2.82
1940-05-01	2.93
1940-06-01	2.96
1940-07-01	2.88
1940-08-01	2.85
1940-09-01	2.82
1940-10-01	2.79
1940-11-01	2.75
1940-12-01	2.71
1941-01-01	2.75
1941-02-01	2.78
1941-03-01	2.80
1941-04-01	2.82
1941-05-01	2.81
1941-06-01	2.77
1941-07-01	2.74
1941-08-01	2.74
1941-09-01	2.75
1941-10-01	2.73
1941-11-01	2.72
1941-12-01	2.80
1942-01-01	2.83
1942-02-01	2.85
1942-03-01	2.86
1942-04-01	2.83
1942-05-01	2.85
1942-06-01	2.85
1942-07-01	2.83
1942-08-01	2.81
1942-09-01	2.80
1942-10-01	2.80

1942-11-01	2.79
1942-12-01	2.81
1943-01-01	2.79
1943-02-01	2.77
1943-03-01	2.76
1943-04-01	2.76
1943-05-01	2.74
1943-06-01	2.72
1943-07-01	2.69
1943-08-01	2.69
1943-09-01	2.69
1943-10-01	2.70
1943-11-01	2.71
1943-12-01	2.74
1944-01-01	2.72
1944-02-01	2.74
1944-03-01	2.74
1944-04-01	2.74
1944-05-01	2.73
1944-06-01	2.73
1944-07-01	2.72
1944-08-01	2.71
1944-09-01	2.72
1944-10-01	2.72
1944-11-01	2.72
1944-12-01	2.70
1945-01-01	2.69
1945-02-01	2.65
1945-03-01	2.62
1945-04-01	2.61
1945-05-01	2.62
1945-06-01	2.61
1945-07-01	2.60
1945-08-01	2.61
1945-09-01	2.62
1945-10-01	2.62
1945-11-01	2.62
1945-12-01	2.61
1946-01-01	2.54
1946-02-01	2.48
1946-03-01	2.47
1946-04-01	2.46
1946-05-01	2.51
1946-06-01	2.49
1946-07-01	2.48
1946-08-01	2.51
1946-09-01	2.58
1946-10-01	2.60
1946-11-01	2.59
1946-12-01	2.61
1947-01-01	2.57
1947-02-01	2.55
1947-03-01	2.55
1947-04-01	2.53
1947-05-01	2.53
1947-06-01	2.55
1947-07-01	2.55
1947-08-01	2.56
1947-09-01	2.61
1947-10-01	2.70
1947-11-01	2.77
1947-12-01	2.86
1948-01-01	2.86
1948-02-01	2.85
1948-03-01	2.83
1948-04-01	2.78
1948-05-01	2.76
1948-06-01	2.76
1948-07-01	2.81
1948-08-01	2.84
1948-09-01	2.84
1948-10-01	2.84
1948-11-01	2.84

1948-12-01	2.79
1949-01-01	2.71
1949-02-01	2.71
1949-03-01	2.70
1949-04-01	2.70
1949-05-01	2.71
1949-06-01	2.71
1949-07-01	2.67
1949-08-01	2.62
1949-09-01	2.60
1949-10-01	2.61
1949-11-01	2.60
1949-12-01	2.58
1950-01-01	2.57
1950-02-01	2.58
1950-03-01	2.58
1950-04-01	2.60
1950-05-01	2.61
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1952-12-01	2.97
1953-01-01	3.02
1953-02-01	3.07
1953-03-01	3.12
1953-04-01	3.23
1953-05-01	3.34
1953-06-01	3.40
1953-07-01	3.28
1953-08-01	3.24
1953-09-01	3.29
1953-10-01	3.16
1953-11-01	3.11
1953-12-01	3.13
1954-01-01	3.06
1954-02-01	2.95
1954-03-01	2.86
1954-04-01	2.85
1954-05-01	2.88
1954-06-01	2.90
1954-07-01	2.89
1954-08-01	2.87
1954-09-01	2.89
1954-10-01	2.87
1954-11-01	2.89
1954-12-01	2.90

1955-01-01	2.93
1955-02-01	2.93
1955-03-01	3.02
1955-04-01	3.01
1955-05-01	3.04
1955-06-01	3.05
1955-07-01	3.06
1955-08-01	3.11
1955-09-01	3.13
1955-10-01	3.10
1955-11-01	3.10
1955-12-01	3.15
1956-01-01	3.11
1956-02-01	3.08
1956-03-01	3.10
1956-04-01	3.24
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1957-04-01	3.67
1957-05-01	3.74
1957-06-01	3.91
1957-07-01	3.99
1957-08-01	4.10
1957-09-01	4.12
1957-10-01	4.10
1957-11-01	4.08
1957-12-01	3.81
1958-01-01	3.60
1958-02-01	3.59
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1958-11-01	4.09
1958-12-01	4.08
1959-01-01	4.12
1959-02-01	4.14
1959-03-01	4.13
1959-04-01	4.23
1959-05-01	4.37
1959-06-01	4.46
1959-07-01	4.47
1959-08-01	4.43
1959-09-01	4.52
1959-10-01	4.57
1959-11-01	4.56
1959-12-01	4.58
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1960-08-01	4.28
1960-09-01	4.25
1960-10-01	4.30
1960-11-01	4.31
1960-12-01	4.35
1961-01-01	4.32

1961-02-01	4.27
1961-03-01	4.22
1961-04-01	4.25
1961-05-01	4.27
1961-06-01	4.33
1961-07-01	4.41
1961-08-01	4.45
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1963-02-01	4.19
1963-03-01	4.19
1963-04-01	4.21
1963-05-01	4.22
1963-06-01	4.23
1963-07-01	4.26
1963-08-01	4.29
1963-09-01	4.31
1963-10-01	4.32
1963-11-01	4.33
1963-12-01	4.35
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1964-06-01	4.41
1964-07-01	4.40
1964-08-01	4.41
1964-09-01	4.42
1964-10-01	4.42
1964-11-01	4.43
1964-12-01	4.44
1965-01-01	4.43
1965-02-01	4.41
1965-03-01	4.42
1965-04-01	4.43
1965-05-01	4.44
1965-06-01	4.46
1965-07-01	4.48
1965-08-01	4.49
1965-09-01	4.52
1965-10-01	4.56
1965-11-01	4.60
1965-12-01	4.68
1966-01-01	4.74
1966-02-01	4.78
1966-03-01	4.92
1966-04-01	4.96
1966-05-01	4.98
1966-06-01	5.07
1966-07-01	5.16
1966-08-01	5.31
1966-09-01	5.49
1966-10-01	5.41
1966-11-01	5.35
1966-12-01	5.39
1967-01-01	5.20
1967-02-01	5.03

1967-03-01	5.13
1967-04-01	5.11
1967-05-01	5.24
1967-06-01	5.44
1967-07-01	5.58
1967-08-01	5.62
1967-09-01	5.65
1967-10-01	5.82
1967-11-01	6.07
1967-12-01	6.19
1968-01-01	6.17
1968-02-01	6.10
1968-03-01	6.11
1968-04-01	6.21
1968-05-01	6.27
1968-06-01	6.28
1968-07-01	6.24
1968-08-01	6.02
1968-09-01	5.97
1968-10-01	6.09
1968-11-01	6.19
1968-12-01	6.45
1969-01-01	6.59
1969-02-01	6.66
1969-03-01	6.85
1969-04-01	6.89
1969-05-01	6.79
1969-06-01	6.98
1969-07-01	7.08
1969-08-01	6.97
1969-09-01	7.14
1969-10-01	7.33
1969-11-01	7.35
1969-12-01	7.72
1970-01-01	7.91
1970-02-01	7.93
1970-03-01	7.84
1970-04-01	7.83
1970-05-01	8.11
1970-06-01	8.48
1970-07-01	8.44
1970-08-01	8.13
1970-09-01	8.09
1970-10-01	8.03
1970-11-01	8.05
1970-12-01	7.64
1971-01-01	7.36
1971-02-01	7.08
1971-03-01	7.21
1971-04-01	7.25
1971-05-01	7.53
1971-06-01	7.64
1971-07-01	7.64
1971-08-01	7.59
1971-09-01	7.44
1971-10-01	7.39
1971-11-01	7.26
1971-12-01	7.25
1972-01-01	7.19
1972-02-01	7.27
1972-03-01	7.24
1972-04-01	7.30
1972-05-01	7.30
1972-06-01	7.23
1972-07-01	7.21
1972-08-01	7.19
1972-09-01	7.22
1972-10-01	7.21
1972-11-01	7.12
1972-12-01	7.08
1973-01-01	7.15
1973-02-01	7.22
1973-03-01	7.29

1973-04-01	7.26
1973-05-01	7.29
1973-06-01	7.37
1973-07-01	7.45
1973-08-01	7.68
1973-09-01	7.63
1973-10-01	7.60
1973-11-01	7.67
1973-12-01	7.68
1974-01-01	7.83
1974-02-01	7.85
1974-03-01	8.01
1974-04-01	8.25
1974-05-01	8.37
1974-06-01	8.47
1974-07-01	8.72
1974-08-01	9.00
1974-09-01	9.24
1974-10-01	9.27
1974-11-01	8.89
1974-12-01	8.89
1975-01-01	8.83
1975-02-01	8.62
1975-03-01	8.67
1975-04-01	8.95
1975-05-01	8.90
1975-06-01	8.77
1975-07-01	8.84
1975-08-01	8.95
1975-09-01	8.95
1975-10-01	8.86
1975-11-01	8.78
1975-12-01	8.79
1976-01-01	8.60
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1976-04-01	8.40
1976-05-01	8.58
1976-06-01	8.62
1976-07-01	8.56
1976-08-01	8.45
1976-09-01	8.38
1976-10-01	8.32
1976-11-01	8.25
1976-12-01	7.98
1977-01-01	7.96
1977-02-01	8.04
1977-03-01	8.10
1977-04-01	8.04
1977-05-01	8.05
1977-06-01	7.95
1977-07-01	7.94
1977-08-01	7.98
1977-09-01	7.92
1977-10-01	8.04
1977-11-01	8.08
1977-12-01	8.19
1978-01-01	8.41
1978-02-01	8.47
1978-03-01	8.47
1978-04-01	8.56
1978-05-01	8.69
1978-06-01	8.76
1978-07-01	8.88
1978-08-01	8.69
1978-09-01	8.69
1978-10-01	8.89
1978-11-01	9.03
1978-12-01	9.16
1979-01-01	9.25
1979-02-01	9.26
1979-03-01	9.37
1979-04-01	9.38

1979-05-01	9.50
1979-06-01	9.29
1979-07-01	9.20
1979-08-01	9.23
1979-09-01	9.44
1979-10-01	10.13
1979-11-01	10.76
1979-12-01	10.74
1980-01-01	11.09
1980-02-01	12.38
1980-03-01	12.96
1980-04-01	12.04
1980-05-01	10.99
1980-06-01	10.58
1980-07-01	11.07
1980-08-01	11.64
1980-09-01	12.02
1980-10-01	12.31
1980-11-01	12.97
1980-12-01	13.21
1981-01-01	12.81
1981-02-01	13.35
1981-03-01	13.33
1981-04-01	13.88
1981-05-01	14.32
1981-06-01	13.75
1981-07-01	14.38
1981-08-01	14.89
1981-09-01	15.49
1981-10-01	15.40
1981-11-01	14.22
1981-12-01	14.23
1982-01-01	15.18
1982-02-01	15.27
1982-03-01	14.58
1982-04-01	14.46
1982-05-01	14.26
1982-06-01	14.81
1982-07-01	14.61
1982-08-01	13.71
1982-09-01	12.94
1982-10-01	12.12
1982-11-01	11.68
1982-12-01	11.83
1983-01-01	11.79
1983-02-01	12.01
1983-03-01	11.73
1983-04-01	11.51
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1983-06-01	11.74
1983-07-01	12.15
1983-08-01	12.51
1983-09-01	12.37
1983-10-01	12.25
1983-11-01	12.41
1983-12-01	12.57
1984-01-01	12.20
1984-02-01	12.08
1984-03-01	12.57
1984-04-01	12.81
1984-05-01	13.28
1984-06-01	13.55
1984-07-01	13.44
1984-08-01	12.87
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1984-12-01	12.13
1985-01-01	12.08
1985-02-01	12.13
1985-03-01	12.56
1985-04-01	12.23
1985-05-01	11.72

1985-06-01	10 94
1985-07-01	10 97
1985-08-01	11 05
1985-09-01	11.07
1985-10-01	11 02
1985-11-01	10 55
1985-12-01	10 16
1986-01-01	10.05
1986-02-01	9.67
1986-03-01	9.00
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1986-06-01	9.13
1986-07-01	8.88
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1986-10-01	8.86
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1986-12-01	8.49
1987-01-01	8 36
1987-02-01	8.38
1987-03-01	8.36
1987-04-01	8 85
1987-05-01	9 33
1987-06-01	9 32
1987-07-01	9 42
1987-08-01	9.67
1987-09-01	10.18
1987-10-01	10.52
1987-11-01	10.01
1987-12-01	10.11
1988-01-01	9.88
1988-02-01	9.40
1988-03-01	9.39
1988-04-01	9.67
1988-05-01	9 90
1988-06-01	9 86
1988-07-01	9 96
1988-08-01	10 11
1988-09-01	9 82
1988-10-01	9.51
1988-11-01	9.45
1988-12-01	9.57
1989-01-01	9.62
1989-02-01	9.64
1989-03-01	9.80
1989-04-01	9.79
1989-05-01	9.57
1989-06-01	9.10
1989-07-01	8 93
1989-08-01	8 96
1989-09-01	9.01
1989-10-01	8.92
1989-11-01	8.89
1989-12-01	8 86
1990-01-01	8 99
1990-02-01	9 22
1990-03-01	9.37
1990-04-01	9.46
1990-05-01	9.47
1990-06-01	9.26
1990-07-01	9.24
1990-08-01	9.41
1990-09-01	9.56
1990-10-01	9.53
1990-11-01	9 30
1990-12-01	9.05
1991-01-01	9.04
1991-02-01	8.83
1991-03-01	8 93
1991-04-01	8.86
1991-05-01	8.86
1991-06-01	9.01

1991-07-01	9.00
1991-08-01	8.75
1991-09-01	8.61
1991-10-01	8.55
1991-11-01	8.48
1991-12-01	8.31
1992-01-01	8.20
1992-02-01	8.29
1992-03-01	8.35
1992-04-01	8.33
1992-05-01	8.28
1992-06-01	8.22
1992-07-01	8.07
1992-08-01	7.95
1992-09-01	7.92
1992-10-01	7.99
1992-11-01	8.10
1992-12-01	7.98
1993-01-01	7.91
1993-02-01	7.71
1993-03-01	7.58
1993-04-01	7.46
1993-05-01	7.43
1993-06-01	7.33
1993-07-01	7.17
1993-08-01	6.85
1993-09-01	6.66
1993-10-01	6.67
1993-11-01	6.93
1993-12-01	6.93
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1994-02-01	7.08
1994-03-01	7.48
1994-04-01	7.88
1994-05-01	7.99
1994-06-01	7.97
1994-07-01	8.11
1994-08-01	8.07
1994-09-01	8.34
1994-10-01	8.57
1994-11-01	8.68
1994-12-01	8.46
1995-01-01	8.46
1995-02-01	8.26
1995-03-01	8.12
1995-04-01	8.03
1995-05-01	7.65
1995-06-01	7.30
1995-07-01	7.41
1995-08-01	7.57
1995-09-01	7.32
1995-10-01	7.12
1995-11-01	7.02
1995-12-01	6.82
1996-01-01	6.81
1996-02-01	6.99
1996-03-01	7.35
1996-04-01	7.50
1996-05-01	7.62
1996-06-01	7.71
1996-07-01	7.65
1996-08-01	7.46
1996-09-01	7.66
1996-10-01	7.39
1996-11-01	7.10
1996-12-01	7.20
1997-01-01	7.42
1997-02-01	7.31
1997-03-01	7.55
1997-04-01	7.73
1997-05-01	7.58
1997-06-01	7.41
1997-07-01	7.14

1997-08-01	7.22
1997-09-01	7.15
1997-10-01	7.00
1997-11-01	6.87
1997-12-01	6.76
1998-01-01	6.61
1998-02-01	6.67
1998-03-01	6.72
1998-04-01	6.69
1998-05-01	6.69
1998-06-01	6.53
1998-07-01	6.55
1998-08-01	6.52
1998-09-01	6.40
1998-10-01	6.37
1998-11-01	6.41
1998-12-01	6.22
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1999-02-01	6.40
1999-03-01	6.62
1999-04-01	6.64
1999-05-01	6.93
1999-06-01	7.23
1999-07-01	7.19
1999-08-01	7.40
1999-09-01	7.39
1999-10-01	7.55
1999-11-01	7.36
1999-12-01	7.55
2000-01-01	7.78
2000-02-01	7.68
2000-03-01	7.68
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2000-06-01	7.67
2000-07-01	7.65
2000-08-01	7.55
2000-09-01	7.62
2000-10-01	7.55
2000-11-01	7.45
2000-12-01	7.21
2001-01-01	7.15
2001-02-01	7.10
2001-03-01	6.98
2001-04-01	7.20
2001-05-01	7.29
2001-06-01	7.18
2001-07-01	7.13
2001-08-01	7.02
2001-09-01	7.17
2001-10-01	7.03
2001-11-01	6.97
2001-12-01	6.77
2002-01-01	6.55
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2002-03-01	6.81
2002-04-01	6.76
2002-05-01	6.75
2002-06-01	6.63
2002-07-01	6.53
2002-08-01	6.37
2002-09-01	6.15
2002-10-01	6.32
2002-11-01	6.31
2002-12-01	6.21
2003-01-01	6.17
2003-02-01	5.95
2003-03-01	5.89
2003-04-01	5.74
2003-05-01	5.22
2003-06-01	4.97
2003-07-01	5.49
2003-08-01	5.88

2003-09-01	5.72
2003-10-01	5.70
2003-11-01	5.65
2003-12-01	5.62
2004-01-01	5.54
2004-02-01	5.50
2004-03-01	5.33
2004-04-01	5.73
2004-05-01	6.04
2004-06-01	6.01
2004-07-01	5.82
2004-08-01	5.65
2004-09-01	5.46
2004-10-01	5.47
2004-11-01	5.52
2004-12-01	5.47
2005-01-01	5.36
2005-02-01	5.20
2005-03-01	5.40
2005-04-01	5.33
2005-05-01	5.15
2005-06-01	4.96
2005-07-01	5.06
2005-08-01	5.09
2005-09-01	5.13
2005-10-01	5.35
2005-11-01	5.42
2005-12-01	5.37
2006-01-01	5.29
2006-02-01	5.35
2006-03-01	5.53
2006-04-01	5.84
2006-05-01	5.95
2006-06-01	5.89
2006-07-01	5.85
2006-08-01	5.68
2006-09-01	5.51
2006-10-01	5.51
2006-11-01	5.33
2006-12-01	5.32
2007-01-01	5.40
2007-02-01	5.39
2007-03-01	5.30
2007-04-01	5.47
2007-05-01	5.47
2007-06-01	5.79
2007-07-01	5.73
2007-08-01	5.79
2007-09-01	5.74
2007-10-01	5.66
2007-11-01	5.44
2007-12-01	5.49
2008-01-01	5.33
2008-02-01	5.53
2008-03-01	5.51
2008-04-01	5.55
2008-05-01	5.57
2008-06-01	5.68
2008-07-01	5.67
2008-08-01	5.64
2008-09-01	5.65
2008-10-01	6.28
2008-11-01	6.12
2008-12-01	5.05
2009-01-01	5.05
2009-02-01	5.27
2009-03-01	5.50
2009-04-01	5.39
2009-05-01	5.54
2009-06-01	5.61
2009-07-01	5.41
2009-08-01	5.26
2009-09-01	5.13

2009-10-01	5 15
2009-11-01	5.19
2009-12-01	5.26
2010-01-01	5.26
2010-02-01	5 35
2010-03-01	5.27
2010-04-01	5.29
2010-05-01	4.96
2010-06-01	4 88
2010-07-01	4.72
2010-08-01	4.49
2010-09-01	4.53
2010-10-01	4.68
2010-11-01	4.87
2010-12-01	5.02
2011-01-01	5.04
2011-02-01	5.22
2011-03-01	5.13
2011-04-01	5.16
2011-05-01	4.96
2011-06-01	4.99
2011-07-01	4.93
2011-08-01	4.37
2011-09-01	4.09
2011-10-01	3.98
2011-11-01	3.87
2011-12-01	3.93
2012-01-01	3.85
2012-02-01	3.85
2012-03-01	3.99
2012-04-01	3.96
2012-05-01	3 80
2012-06-01	3 64
2012-07-01	3 40
2012-08-01	3 48
2012-09-01	3.49
2012-10-01	3.47
2012-11-01	3 50
2012-12-01	3.65
2013-01-01	3.80
2013-02-01	3.90
2013-03-01	3.93
2013-04-01	3.73
2013-05-01	3 89
2013-06-01	4 27
2013-07-01	4.34
2013-08-01	4.54
2013-09-01	4.64
2013-10-01	4.53
2013-11-01	4.63
2013-12-01	4 62
2014-01-01	4.49
2014-02-01	4 45
2014-03-01	4 38
2014-04-01	4.24
2014-05-01	4.16
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2014-07-01	4.16
2014-08-01	4 08
2014-09-01	4 11
2014-10-01	3 92
2014-11-01	3 92
2014-12-01	3 79
2015-01-01	3 46
2015-02-01	3.61
2015-03-01	3 64
2015-04-01	3 52
2015-05-01	3 98
2015-06-01	4.19
2015-07-01	4 15
2015-08-01	4.04
2015-09-01	4 07
2015-10-01	3 95

2015-11-01	4.06
2015-12-01	3.97
2016-01-01	4.00
2016-02-01	3.96
2016-03-01	3.82
2016-04-01	3.62
2016-05-01	3.65
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2016-07-01	3.28
2016-08-01	3.32
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2016-11-01	3.86
2016-12-01	4.06
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2017-02-01	3.95
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2017-04-01	3.87
2017-05-01	3.85
2017-06-01	3.68
2017-07-01	3.70
2017-08-01	3.63
2017-09-01	3.63
2017-10-01	3.60
2017-11-01	3.57
2017-12-01	3.51

Series Description	MOODY'S YIELD ON SEASONED CORPORATE BONDS - ALL INDUSTRIES, BAA	
Unit:	Percent_Per_Year	
Multiplier	1	
Currency:	NA	
Unique Identifier:	H15/H15/RIMLPBAAR_N A	
Time Period	RIMLPBAAR_N A	
1919-01-01	7.12	
1919-02-01	7.20	
1919-03-01	7.15	
1919-04-01	7.23	
1919-05-01	7.09	
1919-06-01	7.04	
1919-07-01	7.06	
1919-08-01	7.13	
1919-09-01	7.27	
1919-10-01	7.34	
1919-11-01	7.54	
1919-12-01	7.77	
1920-01-01	7.78	
1920-02-01	7.94	
1920-03-01	7.97	
1920-04-01	8.17	
1920-05-01	8.39	
1920-06-01	8.39	
1920-07-01	8.52	
1920-08-01	8.39	
1920-09-01	8.14	
1920-10-01	7.99	
1920-11-01	8.21	
1920-12-01	8.56	
1921-01-01	8.50	
1921-02-01	8.42	
1921-03-01	8.55	
1921-04-01	8.53	
1921-05-01	8.52	
1921-06-01	8.56	
1921-07-01	8.48	
1921-08-01	8.51	
1921-09-01	8.34	
1921-10-01	8.34	
1921-11-01	7.88	
1921-12-01	7.61	
1922-01-01	7.70	
1922-02-01	7.55	
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1922-06-01	6.97	
1922-07-01	6.89	
1922-08-01	6.85	
1922-09-01	6.75	
1922-10-01	6.78	
1922-11-01	6.98	
1922-12-01	7.02	
1923-01-01	6.98	
1923-02-01	6.97	
1923-03-01	7.09	
1923-04-01	7.17	
1923-05-01	7.17	
1923-06-01	7.21	
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1924-01-01	7.24	
1924-02-01	7.14	
1924-03-01	7.08	
1924-04-01	7.03	
1924-05-01	6.97	
1924-06-01	6.82	
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1924-09-01	6.73
1924-10-01	6.62
1924-11-01	6.54
1924-12-01	6.46
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1925-03-01	6.36
1925-04-01	6.41
1925-05-01	6.30
1925-06-01	6.18
1925-07-01	6.20
1925-08-01	6.24
1925-09-01	6.20
1925-10-01	6.17
1925-11-01	6.17
1925-12-01	6.15
1926-01-01	6.09
1926-02-01	6.02
1926-03-01	6.05
1926-04-01	5.98
1926-05-01	5.86
1926-06-01	5.80
1926-07-01	5.79
1926-08-01	5.81
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1926-11-01	5.77
1926-12-01	5.68
1927-01-01	5.61
1927-02-01	5.59
1927-03-01	5.54
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1927-05-01	5.50
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1927-07-01	5.55
1927-08-01	5.48
1927-09-01	5.42
1927-10-01	5.38
1927-11-01	5.35
1927-12-01	5.32
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1928-02-01	5.33
1928-03-01	5.32
1928-04-01	5.33
1928-05-01	5.42
1928-06-01	5.55
1928-07-01	5.58
1928-08-01	5.61
1928-09-01	5.59
1928-10-01	5.58
1928-11-01	5.55
1928-12-01	5.60
1929-01-01	5.63
1929-02-01	5.66
1929-03-01	5.79
1929-04-01	5.80
1929-05-01	5.80
1929-06-01	5.94
1929-07-01	5.95
1929-08-01	6.04
1929-09-01	6.12
1929-10-01	6.11
1929-11-01	6.03
1929-12-01	5.95
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1930-02-01	5.89
1930-03-01	5.73
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1930-05-01	5.72
1930-06-01	5.78
1930-07-01	5.77
1930-08-01	5.73

1930-09-01	5.65
1930-10-01	5.94
1930-11-01	6.25
1930-12-01	6.71
1931-01-01	6.41
1931-02-01	6.38
1931-03-01	6.44
1931-04-01	6.72
1931-05-01	7.15
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1931-07-01	7.08
1931-08-01	7.47
1931-09-01	8.07
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1931-11-01	8.93
1931-12-01	10.42
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1932-09-01	7.61
1932-10-01	7.87
1932-11-01	8.24
1932-12-01	8.42
1933-01-01	8.01
1933-02-01	8.37
1933-03-01	8.91
1933-04-01	9.12
1933-05-01	7.74
1933-06-01	7.07
1933-07-01	6.62
1933-08-01	6.77
1933-09-01	7.27
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1933-11-01	7.98
1933-12-01	7.75
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1934-03-01	6.26
1934-04-01	6.01
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1934-06-01	6.06
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1934-12-01	6.23
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1935-02-01	5.95
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1935-06-01	5.77
1935-07-01	5.67
1935-08-01	5.58
1935-09-01	5.53
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1935-11-01	5.43
1935-12-01	5.30
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1936-02-01	4.80
1936-03-01	4.86
1936-04-01	4.91
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1936-06-01	4.90
1936-07-01	4.84
1936-08-01	4.74
1936-09-01	4.62

1936-10-01	4.54
1936-11-01	4.52
1936-12-01	4.53
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1937-02-01	4.53
1937-03-01	4.68
1937-04-01	4.84
1937-05-01	4.84
1937-06-01	4.93
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1937-08-01	4.92
1937-09-01	5.16
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1937-11-01	5.82
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1938-03-01	6.30
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1938-07-01	5.63
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1938-09-01	5.65
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1939-04-01	5.15
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1940-02-01	4.83
1940-03-01	4.80
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1941-11-01	4.28
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1942-02-01	4.29
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1942-07-01	4.30
1942-08-01	4.28
1942-09-01	4.26
1942-10-01	4.24

1942-11-01	4.25
1942-12-01	4.28
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1943-02-01	4.08
1943-03-01	4.01
1943-04-01	3.96
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1944-02-01	3.72
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1950-03-01	3.24
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1954-10-01	3.46
1954-11-01	3.45
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1955-04-01	3.49
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1957-02-01	4.47
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1957-06-01	4.63
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1958-03-01	4.68
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1958-05-01	4.62
1958-06-01	4.55
1958-07-01	4.53
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1958-11-01	4.87
1958-12-01	4.85
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1964-11-01	4.81
1964-12-01	4.81
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1965-02-01	4.78
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1965-05-01	4.81
1965-06-01	4.85
1965-07-01	4.88
1965-08-01	4.88
1965-09-01	4.91
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1965-11-01	4.95
1965-12-01	5.02
1966-01-01	5.06
1966-02-01	5.12
1966-03-01	5.32
1966-04-01	5.41
1966-05-01	5.48
1966-06-01	5.58
1966-07-01	5.68
1966-08-01	5.83
1966-09-01	6.09
1966-10-01	6.10
1966-11-01	6.13
1966-12-01	6.18
1967-01-01	5.97
1967-02-01	5.82

1967-03-01	5.85
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1967-05-01	5.96
1967-06-01	6.15
1967-07-01	6.26
1967-08-01	6.33
1967-09-01	6.40
1967-10-01	6.52
1967-11-01	6.72
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1968-07-01	6.98
1968-08-01	6.82
1968-09-01	6.79
1968-10-01	6.84
1968-11-01	7.01
1968-12-01	7.23
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1969-02-01	7.30
1969-03-01	7.51
1969-04-01	7.54
1969-05-01	7.52
1969-06-01	7.70
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1972-01-01	8.23
1972-02-01	8.23
1972-03-01	8.24
1972-04-01	8.24
1972-05-01	8.23
1972-06-01	8.20
1972-07-01	8.23
1972-08-01	8.19
1972-09-01	8.09
1972-10-01	8.06
1972-11-01	7.99
1972-12-01	7.93
1973-01-01	7.90
1973-02-01	7.97
1973-03-01	8.03

1973-04-01	8.09
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1973-06-01	8.13
1973-07-01	8.24
1973-08-01	8.53
1973-09-01	8.63
1973-10-01	8.41
1973-11-01	8.42
1973-12-01	8.48
1974-01-01	8.48
1974-02-01	8.53
1974-03-01	8.62
1974-04-01	8.87
1974-05-01	9.05
1974-06-01	9.27
1974-07-01	9.48
1974-08-01	9.77
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1976-07-01	9.82
1976-08-01	9.64
1976-09-01	9.40
1976-10-01	9.29
1976-11-01	9.23
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1977-03-01	9.12
1977-04-01	9.07
1977-05-01	9.01
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1977-09-01	8.80
1977-10-01	8.89
1977-11-01	8.95
1977-12-01	8.99
1978-01-01	9.17
1978-02-01	9.20
1978-03-01	9.22
1978-04-01	9.32
1978-05-01	9.49
1978-06-01	9.60
1978-07-01	9.60
1978-08-01	9.48
1978-09-01	9.42
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1978-11-01	9.83
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1979-07-01	10.29
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1979-09-01	10.54
1979-10-01	11.40
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1980-06-01	12.71
1980-07-01	12.65
1980-08-01	13.15
1980-09-01	13.70
1980-10-01	14.23
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1980-12-01	15.14
1981-01-01	15.03
1981-02-01	15.37
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1981-05-01	15.95
1981-06-01	15.80
1981-07-01	16.17
1981-08-01	16.34
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1981-12-01	16.55
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1982-02-01	17.18
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1983-02-01	13.95
1983-03-01	13.61
1983-04-01	13.29
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1983-08-01	13.64
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1984-03-01	13.99
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1987-11-01	11.23
1987-12-01	11.29
1988-01-01	11.07
1988-02-01	10.62
1988-03-01	10.57
1988-04-01	10.90
1988-05-01	11.04
1988-06-01	11.00
1988-07-01	11.11
1988-08-01	11.21
1988-09-01	10.90
1988-10-01	10.41
1988-11-01	10.48
1988-12-01	10.65
1989-01-01	10.65
1989-02-01	10.61
1989-03-01	10.67
1989-04-01	10.61
1989-05-01	10.46
1989-06-01	10.03
1989-07-01	9.87
1989-08-01	9.88
1989-09-01	9.91
1989-10-01	9.81
1989-11-01	9.81
1989-12-01	9.82
1990-01-01	9.94
1990-02-01	10.14
1990-03-01	10.21
1990-04-01	10.30
1990-05-01	10.41
1990-06-01	10.22
1990-07-01	10.20
1990-08-01	10.41
1990-09-01	10.64
1990-10-01	10.74
1990-11-01	10.62
1990-12-01	10.43
1991-01-01	10.45
1991-02-01	10.07
1991-03-01	10.09
1991-04-01	9.94
1991-05-01	9.86
1991-06-01	9.96

1991-07-01	9.89
1991-08-01	9.65
1991-09-01	9.51
1991-10-01	9.49
1991-11-01	9.45
1991-12-01	9.26
1992-01-01	9.13
1992-02-01	9.23
1992-03-01	9.25
1992-04-01	9.21
1992-05-01	9.13
1992-06-01	9.05
1992-07-01	8.84
1992-08-01	8.65
1992-09-01	8.62
1992-10-01	8.84
1992-11-01	8.96
1992-12-01	8.81
1993-01-01	8.67
1993-02-01	8.39
1993-03-01	8.15
1993-04-01	8.14
1993-05-01	8.21
1993-06-01	8.07
1993-07-01	7.93
1993-08-01	7.60
1993-09-01	7.34
1993-10-01	7.31
1993-11-01	7.66
1993-12-01	7.69
1994-01-01	7.65
1994-02-01	7.76
1994-03-01	8.13
1994-04-01	8.52
1994-05-01	8.62
1994-06-01	8.65
1994-07-01	8.80
1994-08-01	8.74
1994-09-01	8.98
1994-10-01	9.20
1994-11-01	9.32
1994-12-01	9.10
1995-01-01	9.08
1995-02-01	8.85
1995-03-01	8.70
1995-04-01	8.60
1995-05-01	8.20
1995-06-01	7.90
1995-07-01	8.04
1995-08-01	8.19
1995-09-01	7.93
1995-10-01	7.75
1995-11-01	7.68
1995-12-01	7.49
1996-01-01	7.47
1996-02-01	7.63
1996-03-01	8.03
1996-04-01	8.19
1996-05-01	8.30
1996-06-01	8.40
1996-07-01	8.35
1996-08-01	8.18
1996-09-01	8.35
1996-10-01	8.07
1996-11-01	7.79
1996-12-01	7.89
1997-01-01	8.09
1997-02-01	7.94
1997-03-01	8.18
1997-04-01	8.34
1997-05-01	8.20
1997-06-01	8.02
1997-07-01	7.75

1997-08-01	7.82
1997-09-01	7.70
1997-10-01	7.57
1997-11-01	7.42
1997-12-01	7.32
1998-01-01	7.19
1998-02-01	7.25
1998-03-01	7.32
1998-04-01	7.33
1998-05-01	7.30
1998-06-01	7.13
1998-07-01	7.15
1998-08-01	7.14
1998-09-01	7.09
1998-10-01	7.18
1998-11-01	7.34
1998-12-01	7.23
1999-01-01	7.29
1999-02-01	7.39
1999-03-01	7.53
1999-04-01	7.48
1999-05-01	7.72
1999-06-01	8.02
1999-07-01	7.95
1999-08-01	8.15
1999-09-01	8.20
1999-10-01	8.38
1999-11-01	8.15
1999-12-01	8.19
2000-01-01	8.33
2000-02-01	8.29
2000-03-01	8.37
2000-04-01	8.40
2000-05-01	8.90
2000-06-01	8.48
2000-07-01	8.35
2000-08-01	8.26
2000-09-01	8.35
2000-10-01	8.34
2000-11-01	8.28
2000-12-01	8.02
2001-01-01	7.93
2001-02-01	7.87
2001-03-01	7.84
2001-04-01	8.07
2001-05-01	8.07
2001-06-01	7.97
2001-07-01	7.97
2001-08-01	7.85
2001-09-01	8.03
2001-10-01	7.91
2001-11-01	7.81
2001-12-01	8.05
2002-01-01	7.87
2002-02-01	7.89
2002-03-01	8.11
2002-04-01	8.03
2002-05-01	8.09
2002-06-01	7.95
2002-07-01	7.90
2002-08-01	7.58
2002-09-01	7.40
2002-10-01	7.73
2002-11-01	7.62
2002-12-01	7.45
2003-01-01	7.35
2003-02-01	7.06
2003-03-01	6.95
2003-04-01	6.85
2003-05-01	6.38
2003-06-01	6.19
2003-07-01	6.62
2003-08-01	7.01

2003-09-01	6.79
2003-10-01	6.73
2003-11-01	6.66
2003-12-01	6.60
2004-01-01	6.44
2004-02-01	6.27
2004-03-01	6.11
2004-04-01	6.46
2004-05-01	6.75
2004-06-01	6.78
2004-07-01	6.62
2004-08-01	6.46
2004-09-01	6.27
2004-10-01	6.21
2004-11-01	6.20
2004-12-01	6.15
2005-01-01	6.02
2005-02-01	5.82
2005-03-01	6.06
2005-04-01	6.05
2005-05-01	6.01
2005-06-01	5.86
2005-07-01	5.95
2005-08-01	5.96
2005-09-01	6.03
2005-10-01	6.30
2005-11-01	6.39
2005-12-01	6.32
2006-01-01	6.24
2006-02-01	6.27
2006-03-01	6.41
2006-04-01	6.68
2006-05-01	6.75
2006-06-01	6.78
2006-07-01	6.76
2006-08-01	6.59
2006-09-01	6.43
2006-10-01	6.42
2006-11-01	6.20
2006-12-01	6.22
2007-01-01	6.34
2007-02-01	6.28
2007-03-01	6.27
2007-04-01	6.39
2007-05-01	6.39
2007-06-01	6.70
2007-07-01	6.65
2007-08-01	6.65
2007-09-01	6.59
2007-10-01	6.48
2007-11-01	6.40
2007-12-01	6.65
2008-01-01	6.54
2008-02-01	6.82
2008-03-01	6.89
2008-04-01	6.97
2008-05-01	6.93
2008-06-01	7.07
2008-07-01	7.16
2008-08-01	7.15
2008-09-01	7.31
2008-10-01	8.88
2008-11-01	9.21
2008-12-01	8.43
2009-01-01	8.14
2009-02-01	8.08
2009-03-01	8.42
2009-04-01	8.39
2009-05-01	8.06
2009-06-01	7.50
2009-07-01	7.09
2009-08-01	6.58
2009-09-01	6.31

2009-10-01	6.29
2009-11-01	6.32
2009-12-01	6.37
2010-01-01	6.25
2010-02-01	6.34
2010-03-01	6.27
2010-04-01	6.25
2010-05-01	6.05
2010-06-01	6.23
2010-07-01	6.01
2010-08-01	5.66
2010-09-01	5.66
2010-10-01	5.72
2010-11-01	5.92
2010-12-01	6.10
2011-01-01	6.09
2011-02-01	6.15
2011-03-01	6.03
2011-04-01	6.02
2011-05-01	5.78
2011-06-01	5.75
2011-07-01	5.76
2011-08-01	5.36
2011-09-01	5.27
2011-10-01	5.37
2011-11-01	5.14
2011-12-01	5.25
2012-01-01	5.23
2012-02-01	5.14
2012-03-01	5.23
2012-04-01	5.19
2012-05-01	5.07
2012-06-01	5.02
2012-07-01	4.87
2012-08-01	4.91
2012-09-01	4.84
2012-10-01	4.58
2012-11-01	4.51
2012-12-01	4.63
2013-01-01	4.73
2013-02-01	4.85
2013-03-01	4.85
2013-04-01	4.59
2013-05-01	4.73
2013-06-01	5.19
2013-07-01	5.32
2013-08-01	5.42
2013-09-01	5.47
2013-10-01	5.31
2013-11-01	5.38
2013-12-01	5.38
2014-01-01	5.19
2014-02-01	5.10
2014-03-01	5.06
2014-04-01	4.90
2014-05-01	4.76
2014-06-01	4.80
2014-07-01	4.73
2014-08-01	4.69
2014-09-01	4.80
2014-10-01	4.69
2014-11-01	4.79
2014-12-01	4.74
2015-01-01	4.45
2015-02-01	4.51
2015-03-01	4.54
2015-04-01	4.48
2015-05-01	4.89
2015-06-01	5.13
2015-07-01	5.20
2015-08-01	5.19
2015-09-01	5.34
2015-10-01	5.34

2015-11-01	5.46
2015-12-01	5.46
2016-01-01	5.45
2016-02-01	5.34
2016-03-01	5.13
2016-04-01	4.79
2016-05-01	4.68
2016-06-01	4.53
2016-07-01	4.22
2016-08-01	4.24
2016-09-01	4.31
2016-10-01	4.38
2016-11-01	4.71
2016-12-01	4.83
2017-01-01	4.66
2017-02-01	4.64
2017-03-01	4.68
2017-04-01	4.57
2017-05-01	4.55
2017-06-01	4.37
2017-07-01	4.39
2017-08-01	4.31
2017-09-01	4.30
2017-10-01	4.32
2017-11-01	4.27
2017-12-01	4.22

Liberty Utilities (Silverleaf Water) LLC
COST OF EQUITY (COE) USING RISK PREMIUM BUILD-UP METHOD
Based on Duff and Phelps Risk Premium Study Data

Exhibit
Schedule 1
Witness: Bourassa

		Measures of size		
		(Millions)		
	<u>Company</u>	<u>5 Yr Avg</u> <u>Op. Margin</u>	<u>CV</u> <u>Op. Margin</u>	<u>CV</u> <u>ROE</u>
1.	Amercian Water Works	24.78%	0.0428	0.0383
2.	Aqua America	40.19%	0.0332	0.0765
3.	California Water	16.72%	0.0514	0.1153
4.	Connecticut Water	31.89%	0.1557	0.1271
5.	Middlesex	38.58%	0.0525	0.1044
6.	SJW Corp	24.81%	0.1762	0.2850
7.	York Water Company	51.12%	0.0178	0.0937
	Liberty Utilities (Silverleaf Water) LLC	32.99%	0.2905	0.1359

¹ From Risk Study Page 3 of 5

Liberty Utilities (Silverleaf Water) LLC
COST OF EQUITY (COE) USING RISK PREMIUM BUILD-UP METHOD
Based on Duff and Phelps Risk Premium Study Data

MRP_{m+c} Estimates Using Duff & Phelps 2015 Valuation Handbook data (levered)
Assumes 100% Equity and 0% debt
 Data Smoothing with Regression Analysis
Smoothed Premium (RP_{m+c}) = Constant + X Coefficients * Log(Relevant Metric)

Exhibit
Schedule 2
 Witness. Bourassa

Constant
 X Coefficient(s)

5 Yr. Avg Op. Margin (Table D-1)	CV Op. Margin (Table D-2)	CV ROE (Table C-4)
2.199%	13.133%	10.545%
-8.104%	4.299%	1.915%

		MRP _{m+c} (levered)		
	Company	5 Yr. Avg Op. Margin	CV Op. Margin	CV ROE
1.	American Water Works	7.11%	7.25%	7.83%
2.	Aqua America	5.41%	6.77%	8.41%
3.	California Water	8.49%	7.59%	8.75%
4.	Connecticut Water	6.22%	9.66%	8.83%
5.	Middlesex	5.55%	7.63%	8.67%
6.	SJW Corp	7.11%	9.89%	9.50%
7.	York Water Company	4.56%	5.61%	8.58%
	Average (levered)	6.35%	7.77%	8.65%
	Liberty Utilities (Silverleaf Water) LLC	6.10%	10.82%	8.89%

Average
 7.40%
 6.86%
 8.28%
 8.24%
 7.28%
 8.83%
 6.25%
 7.59%
 8.60%

Liberty Utilities (Silverleaf Water) LLC
COST OF EQUITY (COE) USING RISK PREMIUM BUILD-UP METHOD
Based on *Duff and Phelps Risk Premium Study Data*

Equity Risk Premium Adjustment and Other metrics used in Build-up Method

Exhibit
Schedule 3
Witness: Bourassa

[1] Estimate of Current Market Risk Premium (RP_{market})	7.00%
[2] Risk Premium Assumed in Duff & Phelps Study (1963-2014) ¹	5.00%
[3] Equity Risk Premium Adjustment ([1] - [2])	2.00%
[4] Average MRP (relevered) for publicly traded water companies (from Schedule 2)	7.59%
[5] MRP (relevered) for publicly traded water companies ($RP_{\text{m+e}}$) ([3] + [4])	9.59%
[6] Risk Free Rate (R_f) ²	2.77%

¹ From Duff & Phelps 2015 Valuation Handbook

² LT Treasury Rate

Liberty Utilities (Silverleaf Water) LLC
 COST OF EQUITY (COE) USING RISK PREMIUM BUILD-UP METHOD
 Based on *Duff and Phelps* Risk Premium Study Data

Cost of Equity (COE) Estimate using Build-up Method

$$E(R_i) = R_f + RP_{m+c} + \text{ERP adjustment}$$

Where:

$E(R_i)$ = Expected (indicated) rate of return

R_f = Risk-free rate of return.

RP_{m+c} = Market risk premium including Company Specific Premium.

ERP Adjustment = Equity Risk Premium Adjustments

Exhibit
 Schedule 4
 Witness. Bourassa

	Sample
	Publicly Traded
	Water
	<u>Utilities</u> <u>Liberty Utilities (Silverleaf Water) LLC</u>
R_f =	2.77% 2.77%
RP_{m+c} =	See Schedule 2
ERP Adj. =	2.00%

			Indicated COE $E(R_i)$			
			5 Yr. Avg	CV	CV	
	<u>Company</u>	<u>Symbol</u>	Op. Margin	Op. Margin	ROE	<u>Average</u>
1	Americian Water Works	AWK	11.88%	12.02%	12.60%	12.17%
2	Aqua America	WTR	10.18%	11.54%	13.18%	11.63%
3	California Water	CWT	13.26%	12.36%	13.52%	13.05%
4	Connecticut Water	CTWS	10.99%	14.43%	13.60%	13.01%
5	Middlesex	MSEX	10.32%	12.40%	13.44%	12.05%
6	SJW Corp.	SJW	11.88%	14.66%	14.27%	13.60%
Average COE Estimate for Proxy Group			11.42%	12.90%	13.43%	12.59%
Liberty Utilities (Silverleaf Water) LLC			10.87%	15.59%	13.66%	13.37%
Indicated Risk Premium						0.79%

Risk Premium- Size (RP_s) Estimates

Based on Duff and Phelps 2017 Valuation Handbook (Risk Premium Study Data)

Size Premium for MCAPM

Page 1

Line No	Company	Symbol	Measures of size (Millions)					
			MV Equity ¹	Book Equity ¹	MVIC ¹	5 Yr Avg Net Income ¹	Total Assets ¹	5 Yr Avg EBITDA ¹
1	1 American States Water	AWR	\$ 2,109	\$ 495	\$ 2,430	\$ 60	\$ 1,471	\$ 155
2	2 Aqua America	WTR	\$ 6,473	\$ 1,850	\$ 8,211	\$ 202	\$ 6,159	\$ 440
3	3 California Water	CWT	\$ 2,081	\$ 660	\$ 2,613	\$ 48	\$ 2,412	\$ 158
4	4 Connecticut Water	CTWS	\$ 635	\$ 235	\$ 832	\$ 20	\$ 785	\$ 41
5	5 Middlesex	MSEX	\$ 633	\$ 218	\$ 768	\$ 18	\$ 620	\$ 58
6	6 SJW Corp	SJW	\$ 1,256	\$ 423	\$ 1,689	\$ 38	\$ 1,443	\$ 114
7	7 York Water Company	YORW	\$ 409	\$ 115	\$ 494	\$ 11	\$ 321	\$ 29

¹ From Yahoo Finance, 10K, or Value Line Analyzer

Net Income Data (\$ millions)

Company	Symbol	2016	2015	2014	2013	2012	Average
1 American States Water	AWR	\$ 60	\$ 60	\$ 61	\$ 63	\$ 54	\$ 60
2 Aqua America	WTR	\$ 234	\$ 202	\$ 214	\$ 205	\$ 153	\$ 202
3 California Water	CWT	\$ 49	\$ 45	\$ 57	\$ 47	\$ 43	\$ 48
4 Connecticut Water	CTWS	\$ 23	\$ 23	\$ 21	\$ 18	\$ 14	\$ 20
5 Middlesex	MSEX	\$ 23	\$ 20	\$ 18	\$ 17	\$ 14	\$ 18
6 SJW Corp	SJW	\$ 53	\$ 38	\$ 52	\$ 23	\$ 22	\$ 38
7 York Water Company	YORW	\$ 12	\$ 12	\$ 11	\$ 10	\$ 9	\$ 11

Net Income data for publicly traded water utilities from Zacks Investment Research and/or Yahoo Finance

EBITDA Data (\$ millions)

Company	Symbol	2016	2015	2014	2013	2012	Average
1 American States Water	AWR	\$ 142	\$ 161	\$ 160	\$ 159	\$ 152	\$ 155
2 Aqua America	WTR	\$ 459	\$ 450	\$ 437	\$ 419	\$ 433	\$ 440
3 California Water	CWT	\$ 165	\$ 157	\$ 170	\$ 151	\$ 148	\$ 158
4 Connecticut Water	CTWS	\$ 45	\$ 39	\$ 41	\$ 39	\$ 44	\$ 41
5 Middlesex	MSEX	\$ 67	\$ 61	\$ 58	\$ 54	\$ 50	\$ 58
6 SJW Corp	SJW	\$ 141	\$ 121	\$ 131	\$ 88	\$ 88	\$ 114
7 York Water Company	YORW	\$ 30	\$ 30	\$ 29	\$ 28	\$ 27	\$ 29

Earnings before Interest, Taxes, Depreciation and Amortization (EBITDA) From Yahoo Finance, 10K, or Zacks Investment Research

Based on *Duff and Phelps* 2017 Valuation Handbook (Risk Premium Study Data)

Liberty Utilities (Silverleaf Water) LLC

Size Premium for MCAPM

Comparative Risk Study

Based on Duff and Phelps 2017 Valuation Handbook (Risk Premium Study Data)

Step 1 - Identify the equivalent C exhibit for the B exhibits used to compute the size premium.

Page 3

Step 2 - Identify the fundamental risk characteristics of the companies of the equivalent portfolio in the C- exhibit.

Step 3 - Identify the guideline portfolio in the D exhibit which has the most similar fundamental risk characteristic found in

Step 2 and find the smoothed average risk premium.

Step 4 - Identify the guideline portfolio in the D exhibit which has the most similar fundamental risk characteristic to the Company and find the smoothed average risk premium.

Step 5 - The difference in smoothed average risk premiums is the maximum indicated risk adjustment. The range of adjustments may be 0 or at the maximum depending on the circumstances.

Line No	Measures of size							
	(Millions)							
			MV	Book		5 Yr Avg	Total	5 Yr Avg
	Company	Symbol	Equity ¹	Equity ¹	MVIC ¹	Net Income ¹	Assets ¹	EBITDA ¹
1	American States Water	AWR	\$ 2,109	\$ 495	\$ 2,430	\$ 60	\$ 1,471	\$ 155
2	Aqua America	WTR	\$ 6,473	\$ 1,850	\$ 8,211	\$ 202	\$ 6,159	\$ 440
3	California Water	CWT	\$ 2,081	\$ 660	\$ 2,613	\$ 48	\$ 2,412	\$ 158
4	Connecticut Water	CTWS	\$ 635	\$ 235	\$ 832	\$ 20	\$ 785	\$ 41
5	Middlesex	MSEX	\$ 633	\$ 218	\$ 768	\$ 18	\$ 620	\$ 58
6	SJW Corp	SJW	\$ 1,256	\$ 423	\$ 1,689	\$ 38	\$ 1,443	\$ 114
7	York Water Company	YORW	\$ 409	\$ 115	\$ 494	\$ 11	\$ 321	\$ 29
			MV	Book		5 Yr Avg	Total	5 Yr Avg
	Company	Symbol	Equity	Equity	MVIC	Net Income	Assets	EBITDA
			(Table C-1)	(Table C-2)	(Table C-4)	(Table C-3)	(Table C-5)	(Table C-6)
1	American States Water	AWR	17	21	18	19	20	20
2	Aqua America	WTR	10	13	10	12	11	13
3	California Water	CWT	17	19	19	20	13	20
4	Connecticut Water	CTWS	22	24	22	24	22	24
5	Middlesex	MSEX	22	24	22	24	23	24
6	SJW Corp	SJW	20	21	20	22	20	21
7	York Water Company	YORW	24	25	24	24	24	25
			MV	Book		5 Yr Avg	Total	5 Yr Avg
	Company	Symbol	Equity	Equity	MVIC	Net Income	Assets	EBITDA
			(Table C-1)	(Table C-2)	(Table C-4)	(Table C-3)	(Table C-5)	(Table C-6)
1	American States Water	AWR	10 57%	8 57%	9 86%	9 66%	9 48%	9 47%
2	Aqua America	WTR	11 48%	11 03%	12 21%	11 40%	11 51%	11 11%
3	California Water	CWT	10 57%	9 48%	9 37%	9 51%	11 13%	9 47%
4	Connecticut Water	CTWS	8 61%	8 34%	8 56%	8 72%	8 59%	8 20%
5	Middlesex	MSEX	8 61%	8 34%	8 56%	8 72%	8 37%	8 20%
6	SJW Corp	SJW	9 20%	8 57%	9 28%	8 88%	9 48%	9 33%
7	York Water Company	YORW	7 87%	7 11%	7 77%	7 84%	8 10%	6 73%
	Proxy Group Average		9 56%	8 78%	9 37%	9 20%	9 52%	8 93%
	D Exhibit Portfolio							17
	Smoothed Average Risk Premium							10 38%
			MV	Book		5 Yr Avg	Total	5 Yr Avg
	Company	Symbol	Equity	Equity	MVIC	Net Income	Assets	EBITDA
			(Table C-1)	(Table C-2)	(Table C-4)	(Table C-3)	(Table C-5)	(Table C-6)
1	American States Water	AWR	18 52%	23 80%	18 93%	19 53%	20 66%	20 42%
2	Aqua America	WTR	14 85%	15 78%	14 89%	15 22%	15 51%	16 12%
3	California Water	CWT	18 52%	19 73%	21 15%	20 98%	16 41%	20 42%
4	Connecticut Water	CTWS	25 53%	27 64%	25 87%	26 11%	24 39%	29 17%
5	Middlesex	MSEX	25 53%	27 64%	25 87%	26 11%	25 70%	29 17%
6	SJW Corp	SJW	22 57%	23 80%	21 73%	23 73%	20 66%	21 93%
7	York Water Company	YORW	30 50%	40 43%	29 88%	29 91%	28 24%	44 20%
	Proxy Group Average		22 29%	25 55%	22 62%	23 08%	21 65%	25 92%
	D Exhibit Portfolio							23 52%
	Smoothed Average Risk Premium							8
								10 17%
			MV	Book		5 Yr Avg	Total	5 Yr Avg
	Company	Symbol	Equity	Equity	MVIC	Net Income	Assets	EBITDA
			(Table C-1)	(Table C-2)	(Table C-4)	(Table C-3)	(Table C-5)	(Table C-6)
1	American States Water	AWR	29 71%	39 14%	31 32%	31 18%	34 62%	33 24%
2	Aqua America	WTR	27 67%	24 78%	26 82%	24 95%	27 37%	29 11%
3	California Water	CWT	29 71%	34 85%	32 38%	35 36%	28 13%	33 24%
4	Connecticut Water	CTWS	40 79%	41 96%	41 56%	41 16%	39 50%	43 45%
5	Middlesex	MSEX	40 79%	41 96%	41 56%	41 16%	41 12%	43 45%
6	SJW Corp	SJW	36 85%	39 14%	38 02%	36 55%	24 62%	35 34%
7	York Water Company	YORW	46 60%	58 69%	56 22%	47 51%	44 58%	63 10%
	Proxy Group Average		36 02%	40 07%	38 27%	36 84%	34 28%	40 13%
	D Exhibit Portfolio							37 60%
	Smoothed Average Risk Premium							11
								9 96%

Cost of Equity (COE) Estimate using Modified CAPM

Page 4

Line	5 -Year Historical				
No					
1					
2	<u>Company</u>	<u>Symbol</u>	<u>OM</u>	<u>CV (OM)</u>	<u>CV(ROE)</u>
3	1 American States Water	AWR	24 78%	4 28%	3 83%
4	2 Aqua America	WTR	40 19%	3 32%	7 65%
5	3 California Water	CWT	16 72%	5 14%	11 53%
6	4 Connecticut Water	CTWS	31 89%	15 57%	12 71%
7	5 Middlesex	MSEX	38 58%	5 25%	10 44%
8	6 SJW Corp	SJW	24 81%	17 62%	28 50%
9	7 York Water Company	YORW	51 12%	1 78%	9 37%
10	Proxy Group Average		32 58%	7 57%	12 00%
11					
12	<u>Water Proxy Group</u>				
13	D Exhibit Portfolio		2	18	22
14	Smoothed Average Risk Premium		7 10%	8 98%	8 71%
15	Smoothed Average Risk Premium From Equivalent C		10 38%	10 17%	9 96%
16	<u>Indicated Risk Adjustment</u>		-3 28%	-1 19%	-1 25%
17					<u>Mid-point</u>
18	Possible Risk Adjustment		0 00%	to	-1 91%
19					-0 95%

Rebuttal Exhibit
Page 1 of 3[illegible]

**Liberty Utilities (Silverleaf Water) LLC
Comparative Risk Study
Beta Estimate Using Duff and Phelps Risk Study Portfolio Information**

**Rebuttal Exhibit
Page 2 of 3**

Line
No

A. Beta Estimates for Water Sample Group and Company¹

		<u>Portfolio</u>	<u>Operating Margin¹</u>	<u>Portfolio</u>	<u>CV (Operating Margin)¹</u>	<u>Portfolio</u>	<u>CV (ROE)¹</u>	
1	Company	2	32.99%	6	29.05%	22	13.59%	
2	Water Proxy Group	2	32.58%	17	7.57%	22	12.00%	
			<u>Portfolio Sum Beta²</u>		<u>Portfolio Sum Beta³</u>		<u>Portfolio Sum Beta⁴</u>	<u>Average</u>
3	Company		0.84		1.27		0.90	
4	Water Proxy Group		0.84		1.00		0.90	
5	Percentage Difference		0.0%		27.0%		0.0%	9.0%

B. Assume percentage difference is the same for water utilities as companies in general

6	Water Sample Group ⁵		0.76		0.76		0.76	
7	Implied Beta for Company ⁶		0.76		0.97		0.76	0.83

Notes

¹ See work papers. CV stands for Coefficient of Variation,

² Source is Duff & Phelps 2016 Valuation Handbook, Risk Study, Exhibit D-1, Companies Ranked by Operating Margin

³ Source is Duff & Phelps 2016 Valuation Handbook, Risk Study, Exhibit D-2, Companies Ranked by CV (Operating Margin)

⁴ Source is Duff & Phelps 2016 Valuation Handbook, Risk Study, Exhibit D-3, Companies Ranked by CV (Operating Margin)

⁵ Source is Schedule D-4.3

⁶ Calculated by multiplying (1+ percentage difference in risk study betas) times average beta for the water sample group

**Liberty Utilities (Silverleaf Water) LLC
Traditional Capital Asset Pricing Model (CAPM)**

**Rebuttal Exhibit
Page 3 of 3
Witness: Bourassa**

Line No.		R_f^1	$+$	(β^2)	$\times$	RP_M^3	$)$	$=$	k	CAPM Results From Sched. D-4.11	Difference
1	Traditional CAPM	3.6%	$+$	(0.83)	$\times$	7.60%	$)$	$=$	9.9%	9.4%	0.5%
2											
3		R_f^1		$RP_M^3 \times .25$	$+$	(β^2)	$\times$	RP_M^3	$) \times .75$		
4	Empirical CAPM	3.6%	$+$	7.60%	$\times .25$	$+$	(0.83)	$\times$	7.60%	9.8%	0.4%
5								$=$	10.2%		
6		R_f^1	$+$	(β^2)	$\times$	RP_M^4	$)$	$+$	RP_S^5		
7	Modified CAPM	3.6%	$+$	(0.83)	$\times$	6.60%	$)$	$+$	3.23%	11.8%	0.5%
8											
9											
10	Average								10.8%	10.3%	0.5%

Notes:

¹ Forecasts of long-term treasury yields. See Schedule D-4.8

² Implied Beta.

² Average Beta or Water Proxy Group. See Schedule D-4.2.

³ Estimate of Current MRP. Average of historical MRP (1926-2016) and current MRP (using current VL 1700 average dividend yields and median projected book value, earnings, and dividend growth)

Historical MRP (1926-2016)	7.00%
Current MRP	8.17%
Average	7.60%

⁴ Estimate of Current MRP. Average of historical MRP (1963-2016) and current MRP (using current VL 1700 average dividend yields and median projected book value, earnings, and dividend growth).

Historical MRP (1963-2016)	5.00%
Current MRP	8.17%
Average	6.60%

⁵ Average water proxy group adjusted company size risk premium Duff & Phelps Size Study and Risk Study. See Testimony.

Company	Ticker	Operating Margin				Coefficient of Variation OM				Coefficient of Variation ROE				Risk Premium Differences			
		2017		2017		2017		DP		2017		DP		2017			
		D-Exhibit	Average	D-Exhibit		D-Exhibit	Average	D-Exhibit		D-Exhibit	Average	D-Exhibit		D-Exhibit	Average	OM	CE OM
		Risk	Portfolio	Risk		Risk	Portfolio	Risk		Risk	Portfolio	Risk		Risk	Portfolio	CE ROE	Avg
		OM	Premium	C-Exhibits	Premium	CE OM	Premium	C-Exhibits	Premium	CE ROE	Premium	C-Exhibits	Premium				
American States Water	AWR	24.78%	7.49%	9.30%	10.34%	4.28%	8.17%	22.00%	10.14%	3.83%	7.46%	36.50%	9.89%	-2.84%	-1.97%	2.43%	-0.79%
Aqua America	WTR	40.19%	6.09%	11.20%	9.80%	3.32%	7.86%	16.50%	9.79%	7.65%	8.20%	28.80%	9.63%	-3.71%	-1.93%	1.43%	-1.40%
California Water	CWT	16.72%	8.63%	9.40%	10.31%	5.14%	8.39%	22.00%	10.14%	11.53%	8.65%	36.20%	9.88%	-1.67%	-1.75%	1.23%	-0.73%
Connecticut Water	CTWS	31.89%	6.76%	8.40%	10.63%	15.57%	9.72%	28.20%	10.44%	12.71%	8.75%	44.50%	10.10%	-3.87%	-0.71%	1.35%	-1.08%
Middlesex	MSEX	38.58%	6.21%	8.30%	10.67%	5.25%	8.42%	29.00%	10.47%	10.44%	8.54%	45.20%	10.12%	-4.46%	-2.05%	1.58%	-1.64%
SJW Corp	SJW	24.81%	7.49%	9.00%	8.38%	17.62%	9.87%	23.40%	10.21%	28.50%	9.62%	38.00%	6.25%	-0.89%	-0.34%	-3.37%	-1.53%
York Water Company	YORW	51.12%	5.39%	7.70%	8.21%	1.78%	7.11%	34.90%	10.69%	9.37%	8.42%	52.60%	5.31%	-2.82%	-3.58%	-3.11%	-3.17%
																	-1.48%

Range of Possible Risk Adjustments 0 to -1.48%
Mid-point -0.74%

Line No	Company	Symbol	Measures of size (Millions)					
			MV Equity ¹	Book Equity ¹	MVIC ¹	5 Yr Avg Net Income ¹	Total Assets ¹	5 Yr Avg EBITDA ¹
1	1 American States Water	AWR	\$ 2,109	\$ 495	\$ 2,430	\$ 60	\$ 1,471	\$ 155
2	2 Aqua America	WTR	\$ 6,473	\$ 1,850	\$ 8,211	\$ 202	\$ 6,159	\$ 440
3	3 California Water	CWT	\$ 2,081	\$ 660	\$ 2,613	\$ 48	\$ 2,412	\$ 158
4	4 Connecticut Water	CTWS	\$ 635	\$ 235	\$ 832	\$ 20	\$ 785	\$ 41
5	5 Middlesex	MSEX	\$ 633	\$ 218	\$ 768	\$ 18	\$ 620	\$ 58
6	6 SJW Corp	SJW	\$ 1,256	\$ 423	\$ 1,689	\$ 38	\$ 1,443	\$ 114
7	7 York Water Company	YORW	\$ 409	\$ 115	\$ 494	\$ 11	\$ 321	\$ 29

¹ From Yahoo Finance, 10K, or Value Line Analyzer

Net Income Data (\$ millions)								
Line No	Company	Symbol	2016	2015	2014	2013	2012	Average
17	1 American States Water	AWR	\$ 60	\$ 60	\$ 61	\$ 63	\$ 54	\$ 60
18	2 Aqua America	WTR	\$ 234	\$ 202	\$ 214	\$ 205	\$ 153	\$ 202
19	3 California Water	CWT	\$ 49	\$ 45	\$ 57	\$ 47	\$ 43	\$ 48
20	4 Connecticut Water	CTWS	\$ 23	\$ 23	\$ 21	\$ 18	\$ 14	\$ 20
21	5 Middlesex	MSEX	\$ 23	\$ 20	\$ 18	\$ 17	\$ 14	\$ 18
22	6 SJW Corp	SJW	\$ 53	\$ 38	\$ 52	\$ 23	\$ 22	\$ 38
23	7 York Water Company	YORW	\$ 12	\$ 12	\$ 11	\$ 10	\$ 9	\$ 11

Net Income data for publicly traded water utilities from Zacks Investment Research and/or Yahoo Finance

EBITDA Data (\$ millions)								
Line No	Company	Symbol	2016	2015	2014	2013	2012	Average
32	1 American States Water	AWR	\$ 142	\$ 161	\$ 160	\$ 159	\$ 152	\$ 155
33	2 Aqua America	WTR	\$ 459	\$ 450	\$ 437	\$ 419	\$ 433	\$ 440
34	3 California Water	CWT	\$ 165	\$ 157	\$ 170	\$ 151	\$ 148	\$ 158
35	4 Connecticut Water	CTWS	\$ 45	\$ 39	\$ 41	\$ 39	\$ 44	\$ 41
36	5 Middlesex	MSEX	\$ 67	\$ 61	\$ 58	\$ 54	\$ 50	\$ 58
37	6 SJW Corp	SJW	\$ 141	\$ 121	\$ 131	\$ 88	\$ 88	\$ 114
38	7 York Water Company	YORW	\$ 30	\$ 30	\$ 29	\$ 28	\$ 27	\$ 29

Earnings before Interest, Taxes, Depreciation and Amortization (EBITDA) From Yahoo Finance, 10K, or Zacks Investment Research

COST OF EQUITY (COE) USING MODIFIED CAPM METHOD
Based on Duff and Phelps 2016 Valuation Handbook (Risk Premium Study Data)

Risk Premium- Size (RP_s) Estimates

Data Smoothing with Regression Analysis

Smoothed Premium (RP_s) = Constant + X Coefficients * Log(Relevant Metric)

Modified CAPM

Page 1

Witness Bourassa

Modified CAPM

Page 2

Witness Bourassa

Line			MV Equity	Book Equity	MVIC	5 Yr Avg Net Income	Total Assets	5 Yr Avg EBITDA		
No			(Table B-1) ¹	(Table B-2) ¹	(Table B-4) ¹	(Table B-3) ¹	(Table B-5) ¹	(Table B-6) ¹		
1										
2	Constant		12 911%	7 887%	11 680%	7 144%	9 744%	7 506%		
3	X Coefficient(s)		-2 733%	-1 430%	-2 332%	-1 648%	-1 771%	-1 526%		
4										
5										
6										
7										
			RP _s (levered)							
			MV	Book		5 Yr Avg	Total	5 Yr Avg		
7	Company	Symbol	Equity	Equity	MVIC	Net Income	Assets	EBITDA	Average	
8	1 Amerioacan Water Works	AWR	3 83%	4 03%	3 78%	4 21%	4 13%	4 16%	4 03%	
9	2 Aqua America	WTR	2 50%	3 21%	2 55%	3 34%	3 03%	3 47%	3 02%	
10	3. California Water	CWT	3 84%	3 86%	3 71%	4 37%	3 75%	4 15%	3 95%	
11	4. Connecticut Water	CTWS	5 25%	4 50%	4 87%	5 00%	4 62%	5 04%	4 88%	
12	5 Middlesex	MSEX	5 25%	4 54%	4 95%	5 08%	4 80%	4 82%	4 91%	
13	6 SJW Corp	SJW	4 44%	4 13%	4.15%	4 54%	4 15%	4 37%	4 30%	
14	7 York Water Company	YORW	5 77%	4 94%	5 40%	5 43%	5 31%	5 27%	5 35%	
15										
16	Average		4 18%	4 05%	4 00%	4 42%	4 08%	4.34%	4 18%	
17										
18										
19										
20										
21	¹ B Tables from Duff & Phelps 2016 Valuation Handbook									
22										
23										

¹ B Tables from Duff & Phelps 2016 Valuation Handbook

Modified CAPM

Witness Bourassa

Modified CAPM

Witness Bourassa

No

2

3

4

5

6

0
77
9

Water

R_f = 3.60%

$$\beta = \text{from D-4}$$
$$RP_m = 6.60\%$$

RP_s = from page :

13
1414
1515
1616
17

18

18
1919
2020
21

22

23

24

25

26

27

28

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31

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33

34

See Blue Chip Financial Forecasts

Liberty Utilities (Silverleaf Water) LLC
Risk Premium Analysis Based on Total Returns

Exhibit
Page 1

Line No.		Annual Total Return ¹	Treasury Bond Yields ²	Annual Risk Premiums
1	1993	-9.21%	6.59%	-15.80%
2	1994	17.78%	7.37%	10.41%
3	1995	21.59%	6.88%	14.71%
1	1996	23.77%	6.71%	17.06%
1	1997	36.53%	6.61%	29.92%
2	1998	17.46%	5.58%	11.88%
3	1999	29.90%	5.87%	24.03%
4	2000	9.57%	5.94%	3.63%
5	2001	16.79%	5.49%	11.30%
6	2002	-3.46%	5.43%	-8.89%
7	2003	23.85%	5.05%	18.80%
8	2004	13.04%	5.12%	7.92%
9	2005	19.52%	4.56%	14.96%
10	2006	15.48%	4.91%	10.57%
11	2007	-2.55%	4.84%	-7.39%
12	2008	-1.93%	4.28%	-6.21%
13	2009	0.00%	4.08%	-4.08%
14	2010	15.37%	4.25%	11.12%
15	2011	1.36%	3.91%	-2.55%
16	2012	15.34%	2.92%	12.42%
17	2013	19.61%	3.45%	16.16%
18	2014	15.49%	3.34%	12.15%
19	2015	8.13%	2.84%	5.29%
20	2016	46.96%	2.59%	44.37%
21	2017	15.05%	2.90%	12.15%
22	25-year Average	14.6%	4.9%	9.8%
23	Current RP on Proxy Group ⁴			6.3%
24	Average historical and current RP			8.1%
25	Spot Long-term Treasury Bond Rate ³			3.0%
26	Projected Returns on Equity for Sample			11.1%

Notes:

¹ Computed Composite Total Returns from Yahoo Finance data.

² Average annual 30 Yr. U.S. Treasury Bond yields as reported by the Federal Reserve.

³ 30-year U.S. Treasury yield on January 18, 2017.

⁴ Computed RP using DCF average dividend, and projected EPS of the proxy group.

Liberty Utilities (Silverleaf Water) LLC
Risk Premium Analysis Based on Total Returns

Exhibit
Page 2

Line No.		Annual Total Return ¹	Treasury Bond Yields ²	Annual Risk Premiums
1	1993	-9.21%	6.59%	-15.80%
2	1994	17.78%	7.37%	10.41%
3	1995	21.59%	6.88%	14.71%
1	1996	23.77%	6.71%	17.06%
1	1997	36.53%	6.61%	29.92%
2	1998	17.46%	5.58%	11.88%
3	1999	29.90%	5.87%	24.03%
4	2000	9.57%	5.94%	3.63%
5	2001	16.79%	5.49%	11.30%
6	2002	-3.46%	5.43%	-8.89%
7	2003	23.85%	5.05%	18.80%
8	2004	13.04%	5.12%	7.92%
9	2005	19.52%	4.56%	14.96%
10	2006	15.48%	4.91%	10.57%
11	2007	-2.55%	4.84%	-7.39%
12	2008	-1.93%	4.28%	-6.21%
13	2009	0.00%	4.08%	-4.08%
14	2010	15.37%	4.25%	11.12%
15	2011	1.36%	3.91%	-2.55%
16	2012	15.34%	2.92%	12.42%
17	2013	19.61%	3.45%	16.16%
18	2014	15.49%	3.34%	12.15%
19	2015	8.13%	2.84%	5.29%
20	2016	46.96%	2.59%	44.37%
21	2017	15.05%	2.90%	12.15%
22	25-year Median	15.5%	4.9%	11.3%
23	Current RP on Proxy Group ⁴			6.3%
24	Average historical and current RP			8.8%
25		Spot Long-term Treasury Bond Rate ³		3.0%
26		Projected Returns on Equity for Sample		11.8%

Notes:

¹ Computed Composite Total Returns from Yahoo Finance data.

² Average annual 30 Yr. U.S. Treasury Bond yields as reported by the Federal Reserve.

³ 30-year U.S. Treasury yield on January 18, 2017.

⁴ Computed RP using DCF average dividend, and projected EPS of the proxy group.

Liberty Utilities (Silverleaf Water) LLC
Risk Premium Analysis Based on Total Returns
Using Geometric Means

Exhibit

Line No.		Water Proxy Group Geometric <u>Total Return¹</u>	Long-Term U.S. Treasury Geometric <u>Income Return²</u>	<u>Risk Premium</u>
1				
2	24-Year (2007-2016)	12.32%	5.08%	7.25%
3	Current RP on Proxy Group ³			6.3%
4				
5	Average			6.77%
6				
7	Projected Rate on LT Bond			3.60% ³
8				
9				
10	Indicated Return on Equity for Proxy Group			10.37%
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				

Notes:

¹ Computed Composite Total Returns from Yahoo Finance data.

² Income Returns computed using 2017 SBBI Yearbook data.

³ Computed RP using DCF average dividend, and projected EPS of the proxy group.

⁴ Projected LT Bond Yield from Schedule D.4-8.

Liberty Utilities (Silverleaf Water) LLC
Return on Equity by Parties

Exhibit
Page 1

Line

No.

1	<u>Liberty EDO Proposed</u>	
2	Water Operating Income (Water Division Schedule A-1)	
3	Sewer Operating Income (Sewer Division Schedule A-1)	
4	Less: Interest Expense	
5	Net Income	\$ -
6		
7	Book Equity (Sch E-1's with conversion of equity to debt)	\$ 54,927,817
8	Return on Equity	0.00%
9		
10		
11	<u>ACC Staff Proposed</u>	
12	Water Operating Income (Water Division Schedule TBH-1)	\$ -
13	Sewer Operating Income (Water Division Schedule TBH-1)	-
14	Less: Interest Expense	-
15	Net Income	\$ -
16		
17	Book Equity from Line 7	\$ 54,927,817
18	Return on Equity	0.00%
19		

Line No.		Avg Book Value per Share	Avg Dividend per Share	Avg Dividend on Book Value	Avg Payout Ratio	Required Rate of Return
		2012-2016	2012-2016	2012-2016		
5	Proxy Group					
6	American States Water	\$ 12.81	\$ 0.80	6.24%	51.20%	
7	Aqua America	9.20	0.64	6.90%	56.23%	
8	California Water	12.82	0.66	5.13%	63.75%	
9	Connecticut Water	19.74	1.02	5.20%	55.94%	
10	Middlesex Water	12.98	0.76	5.91%	64.57%	
11	SJW Corp.	18.30	0.78	4.28%	39.98%	
12	York Water	8.25	0.62	7.53%	68.54%	
13	Average Dividend on Book Equity, Payout Ratio and Equity Return Requirec			5.88%	57.17%	10.3%
14						(a)
15						
16						
17						
18	ACC Staff					
19	Proxy Group					
20	American States Water	\$ 12.81	\$ 0.80	6.24%	51.20%	
21	Aqua America	9.20	0.64	6.90%	56.23%	
22	California Water	12.82	0.66	5.13%	63.75%	
23	Connecticut Water	19.74	1.02	5.20%	55.94%	
24	Middlesex Water	12.98	0.76	5.91%	64.57%	
25	SJW Corp	18.30	0.78	4.28%	39.98%	
26	York Water	8.25	0.62	7.53%	68.54%	
27	Average Dividend on Book Equity, Payout Ratio and Equity Return Requirec			5.88%	57.17%	10.3%
28						(a)
29	(a) Dividend on book equity divided by payout ratio					
30						
31						
32						
33						
34	RUCO					
35	Proxy Group					
36	American States Water	\$ 12.81	\$ 0.80	6.24%	51.20%	
37	Aqua America	9.07	0.63	6.89%	58.82%	
38	American Water	27.30	1.21	4.43%	51.05%	
39	Artesian Res Corp	14.26	0.85	5.93%	73.89%	
40	California Water	12.82	0.66	5.13%	63.75%	
41	Connecticut Water	19.74	1.02	5.20%	55.94%	
42	Middlesex Water	12.98	0.76	5.91%	64.57%	
43	SJW Corp	18.30	0.78	4.28%	39.98%	
44	York Water	8.25	0.62	7.53%	68.54%	
45	Average Dividend on Book Equity, Payout Ratio and Equity Return Requirec			5.73%	58.64%	9.8%
46						(a)
47	(a) Dividend on book equity divided by payout ratio					

Line
No

	Book Value per Share	Avg Dividend per Share	Dividend on Book Value	Avg Payout Ratio	Required Rate of Return
	'20-'22	'20-'22	'20-'22		
Proxy Group					
American States Water	\$ 16.80	\$ 1.35	8.04%	57.45%	
Aqua America	14.85	1.15	7.74%	62.16%	
California Water	16.00	0.99	6.19%	56.57%	
Connecticut Water	23.75	1.40	5.89%	52.83%	
Middlesex Water	16.45	1.02	6.20%	49.76%	
SJW Corp.	23.90	1.12	4.69%	40.73%	
York Water	11.00	0.90	8.18%	64.29%	
Average Dividend on Book Equity, Payout Ratio and Equity Return Required			6.70%	54.83%	12.2%

(a)

	Book Value per Share	Avg Dividend per Share	Dividend on Book Value	Avg Payout Ratio	Required Rate of Return
	'20-'22	'20-'22	'20-'22		
ACC Staff					
Proxy Group					
American States Water	\$ 16.80	\$ 1.35	8.04%	57.45%	
Aqua America	14.85	1.15	7.74%	62.16%	
California Water	16.00	0.99	6.19%	56.57%	
Connecticut Water	23.75	1.40	5.89%	52.83%	
Middlesex Water	16.45	1.02	6.20%	49.76%	
SJW Corp	23.90	1.12	4.69%	40.73%	
York Water	11.00	0.90	8.18%	64.29%	
Average Dividend on Book Equity, Payout Ratio and Equity Return Required			6.70%	54.83%	12.2%

(a)

(a) Dividend on book equity divided by payout ratio

	Book Value per Share	Avg Dividend per Share	Dividend on Book Value	Avg Payout Ratio	Required Rate of Return
	'20-'22	'20-'22	'20-'22		
RUCO					
Proxy Group					
American States Water	\$ 16.80	\$ 1.35	8.04%	57.45%	
Aqua America	14.85	1.15	7.74%	62.16%	
American Water	39.45	2.35	5.96%	56.63%	
Artesian Res. Corp.	ND	ND	ND	ND	
California Water	16.00	0.99	6.19%	56.57%	
Connecticut Water	23.75	1.40	5.89%	52.83%	
Middlesex Water	16.45	1.02	6.20%	49.76%	
SJW Corp	23.90	1.12	4.69%	40.73%	
York Water	11.00	0.90	8.18%	64.29%	
Average Dividend on Book Equity, Payout Ratio and Equity Return Required			6.61%	55.05%	12.0%

(a)

(a) Dividend on book equity divided by payout ratio

Book Value per Share	Dividend per Share	Dividend on Book Value	Payout Ratio	Required Rate of Return
2016	2016	2016		
\$ 13.52	\$ 0.91	6.73%	56.17%	
10.43	0.74	7.09%	56.06%	
13.75	0.69	5.02%	68.32%	
20.98	1.12	5.34%	53.85%	
13.40	0.81	6.04%	58.70%	
20.61	0.81	3.93%	31.52%	
8.88	0.63	7.09%	68.48%	
y Return Required		5.89%	56.16%	10.49%
			(a)	

Book Value per Share	Dividend per Share	Dividend on Book Value	Payout Ratio	Required Rate of Return
Proj 20-22	Proj 20-22	Proj 20-22		
\$ 16.80	\$ 1.35	8.04%	57.45%	
14.85	1.15	7.74%	62.16%	
16.00	0.99	6.19%	56.57%	
22.80	1.40	6.14%	52.83%	
16.45	1.02	6.20%	49.76%	
23.90	1.12	4.69%	37.33%	
11.00	0.85	7.73%	64.29%	
		6.67%	54.34%	12.28%
			(a)	

Average

11.39%

Book Value per Share	Dividend per Share	Dividend on Book Value	Payout Ratio	Required Rate of Return
2016	2016	2016		
\$ 13.52	\$ 0.91	6.73%	56.17%	
10.43	0.74	7.09%	56.06%	
13.75	0.69	5.02%	68.32%	
20.98	1.12	5.34%	53.85%	
13.40	0.81	6.04%	58.70%	
20.61	0.81	3.93%	31.52%	
8.88	0.63	7.09%	68.48%	
y Return Required		5.89%	56.16%	10.49%
			(a)	

Book Value per Share	Dividend per Share	Dividend on Book Value	Payout Ratio	Required Rate of Return
Proj 20-22	Proj 20-22	Proj 20-22		
\$ 16.80	\$ 1.35	8.04%	57.45%	
14.85	1.15	7.74%	62.16%	
16.00	0.99	6.19%	56.57%	
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16.45	1.02	6.20%	49.76%	
23.90	1.12	4.69%	37.33%	
11.00	0.85	7.73%	64.29%	
		6.67%	54.34%	12.28%
			(a)	

11.39%

Book Value per Share	Dividend per Share	Dividend on Book Value	Payout Ratio	Required Rate of Return
2016	2016	2016		
\$ 13.52	\$ 0.91	6.73%	56.17%	
10.43	0.74	7.09%	56.06%	
29.24	1.47	5.03%	56.11%	
15.23	0.90	5.91%	63.83%	
13.75	0.69	5.02%	68.32%	
20.98	1.12	5.34%	53.85%	
13.40	0.81	6.04%	58.70%	
20.61	0.81	3.93%	31.52%	
8.88	0.63	7.09%	68.48%	
y Return Required		5.80%	57.00%	10.17%
			(a)	

Book Value per Share	Dividend per Share	Dividend on Book Value	Payout Ratio	Required Rate of Return
Proj 20-22	Proj 20-22	Proj 20-22		
\$ 16.80	\$ 1.35	8.04%	57.45%	
14.85	1.15	7.74%	62.16%	
39.45	2.35	5.96%	56.63%	
ND	ND	ND	ND	
16.00	0.99	6.19%	56.57%	
22.80	1.40	6.14%	52.83%	
16.45	1.02	6.20%	49.76%	
23.90	1.12	4.69%	37.33%	
11.00	0.85	7.73%	64.29%	
		6.58%	54.63%	12.05%
			(a)	

11.11%

Liberty Utilities (Silverleaf Water) LLC
Analysts Forecasts of Dividend Per Share Growth

Line						
<u>No.</u>						
1		(1)	(2)	(3)	(4)	
2						
3						
4		DPS GROWTH			Average	
5				Value	Growth (G)	
6	<u>Company</u>	<u>Yahoo</u>	<u>Zacks</u>	<u>Reuters</u>	<u>Line</u>	<u>(Cols 1-3)</u>
7	1. American States				7.50%	7.50%
8	2. Aqua America				9.00%	9.00%
9	3. California Water				7.50%	7.50%
10	4. Connecticut Water				5.50%	5.50%
11	5. Middlesex				5.00%	5.00%
12	6. SJW Corp.				7.00%	7.00%
13	7. York Water				8.00%	8.00%
14						
15	GROUP AVERAGE				7.07%	7.07%
16	GROUP MEDIAN					7.25%
17						
18						
19						
20						
21						
22						
23						

VL Analyzer Data

Stock Prices as of Feb 1, 2018, other data weekly as of January 25, 2018

News	Alert	Company Name	Ticker	Syn Industry	Timeliness	Tim. Rank	Performan	Per Rank	(Safety	Rar	Technical	Beta	Stock Price	Change	% Change	Time	Volume	Current EF	EPS	Trail
0	0	Amer. States Water	AWR	WATER	3	0		0	2	2	0.8	53.4	-0.41	-0.76	14:01	367704	1.76	1.83		
0	0	Amer. Water Works	AWK	WATER	2	0		0	3	1	0.65	78.96	0.56	0.71	14:00	2156289	3.17	2.95		
0	0	Aqua America	WTR	WATER	2	0		0	2	1	0.75	34.03	-0.26	-0.76	14:02	1209148	1.41	1.33		
0	0	Artesian Res Corp	ARTNA	WATER		0	3	0	3	3	0.65	34.88	0.01	0.03	14:00	34758		1.41		
0	0	California Water	CWT	WATER	2	0		0	3	2	0.8	39.75	-0.4	-1	14:02	420265	1.49	1.42		
0	0	Conn. Water Services	CTWS	WATER	2	0		0	3	1	0.65	51.71	-0.74	-1.41	14:00	60465	2.28	2.06		
0	0	Consolidated Water	CWCO	WATER	5	0		0	3	3	1	12.25	0.05	0.41	14:00	95569	0.63	0.47		
0	0	Global Water Resources	GWRS	WATER		0	3	0		3		8.78	0.17	1.97	14:00	60867		0.08		
0	0	Middlesex Water	MSEX	WATER	4	0		0	2	2	0.8	36.49	1.2	3.4	14:00	136772	1.51	1.25		
0	0	SJW Group	SJW	WATER	3	0		0	3	2	0.7	55.83	-0.22	-0.39	14:02	87382	2.69	2.69		
0	0	WATER UTILITY	4941	WATER		0		0				0	0		22:00	135225				
0	0	York Water Co (The)	YORW	WATER	3	0		0	3	1	0.8	30.95	1.3	4.38	14:00	52776	1.11	0.97		

American States Water	AWR	0.8	53.4	-0.41	-0.76	0.584028	367704	1.76	1.83
Aqua America	WTR	0.75	34.03						
California Water	CWT	0.8	39.75						
Conn. Water Services	CTWS	0.65	51.71						
Middlesex Water	MSEX	0.8	36.49						
SJW Corp	SJW	0.7	55.83						
York Water Co (The)	YORW	0.8	30.95						

0.757143

American States Water	AWR
Amer. Water Works	AWK
Aqua America	WTR
Artesian Res Corp	ARTNA
California Water	CWT
Conn. Water Services	CTWS
Middlesex Water	MSEX
SJW Corp.	SJW
York Water Co (The)	YORW

American States Water	AWR
Aqua America	WTR
California Water	CWT
Conn. Water Services	CTWS
Middlesex Water	MSEX
SJW Corp	SJW
York Water Co (The)	YORW

Current P/E	Relative P	Median P/I	P/E	Trailin	Earnings Y	High Price	Low Price	Indicated Annual Dividend	Div'd Yield	Market Cap \$ (Mil)	Fiscal Year End Date	Reported Annual Sales	Sales Trail 12 Mo	Gross Incc
30.34	1.4	20	31.4	3.18	59.94	41.14		1.05	1.83	2109	12/31/2016	436.1	443.2	222.6
24.91	1.3		28.7	3.49	92.37	71.5		1.78	2.11	15078	12/31/2016	3302	3338	1540
24.13	1.2	22	27.4	3.65	39.55	29.53		0.85	2.33	6473	12/31/2016	819.9	803	458.6
	1.2	20	26.8	3.73	43.22	29.83		0.94	2.49	347.8	12/31/2016	79.1	81.5	43.4
26.68	1.4	20	30.5	3.28	46.15	32.75		0.72	1.66	2081.4	12/31/2016	609.4	655.8	263.1
22.68	1.1	20	25.6	3.91	65.04	50.56		1.19	2.26	635.4	12/31/2016	98.7	103.7	44.7
19.44	1.2	25	28.1	3.56	13.95	10		0.34	2.58	196.7	12/31/2016	57.9	61.6	30.7
				0.9	10	7.9		0.28	3.19	174.5	12/31/2016	29.8	30.6	21.8
24.17	1.4	20	31	3.23	46.74	32.23		0.9	2.32	633.4	12/31/2016	132.9	131.1	67.4
20.75	1	23	22.7	4.4	69.29	45.39		0.87	1.42	1255.5	12/31/2016	339.7	375.1	189
								0	0	29393.6	12/31/2016	5953		2920.8
27.88	1.5	24	32.8	3.05	39.86	30.95		0.67	2.11	408.9	12/31/2016	47.6	48.2	39.6
30.34	1.4	20	31.4	3.18	59.94	41.14		1.05	1.83	2109	42735	436.1	443.2	222.6
								0.85	2.33	6473	42735	819.9	803	458.6
								0.72	1.66	2081.4	42735	609.4	655.8	263.1
								1.19	2.26	635.4	42735	98.7	103.7	44.7
								0.9	2.32	633.4	42735	132.9	131.1	67.4
								0.87	1.42	1255.5	42735	339.7	375.1	189
								0.67	2.11	408.9	42735	47.6	48.2	39.6

1.99

Gross Margin	SG & A Ex	Operating Income	Operating Margin	Depreciation	Other Income	Income Before Taxes	Net Income	Net Income Trail 12 M	Profit Margin	Net Profit / Cash	Accounts Payable	
51.05	81	141.6	32.47	39.1	14	94.5	59.7	67.7	13.7	15.27	0.4	23.1
46.64		1540	46.64	470	25	770	468	528	14.17	15.82	75	269
55.94		458.6	55.94	133	0.4	255.2	234.2	236	28.56	29.39	3.8	97.4
54.91	8.3	35.1	44.38	9.2	0	13	13	13	16.38	15.95	0.2	7.8
43.17	98.5	164.6	27.01	63.6	16.4	75.5	48.7	68.5	7.99	10.44	25.5	30.3
45.28		44.7	45.28	13.9	1.7	26	23.4	24.1	23.7	23.24	1.6	13
53.1	18.7	12.1	20.83	10.2	1.4	2.2	4	7.1	6.84	11.53	39.3	16.5
73.02	10.2	11.5	38.76	6.3	2.3		-2.9	1.6	-9.57	5.23	20.5	1.5
50.69		67.4	50.69	12.8	0.7	34.5	22.7	20.6	17.11	15.71	3.9	10.1
55.63	48	140.9	41.49	44.6	11.9	86.4	52.8	55.5	15.55	14.8	6.3	16.4
49.06	273.9	2646.9	44.46	809.2	73.7	1370.1	935.5		15.71		180.7	489.4
83.12	9.1	30.4	63.94	6.4	0	17.3	11.8	12.2	24.9	25.31	4.2	4.3
51.05	81	141.6	32.47	39.1	14	94.5	59.7	67.7	13.7	15.27	0.4	23.1
55.94	0	458.6	55.94	133	0.4	255.2	234.2	236	28.56	29.39	3.8	97.4
43.17	98.5	164.6	27.01	63.6	16.4	75.5	48.7	68.5	7.99	10.44	25.5	30.3
45.28	0	44.7	45.28	13.9	1.7	26	23.4	24.1	23.7	23.24	1.6	13
50.69	0	67.4	50.69	12.8	0.7	34.5	22.7	20.6	17.11	15.71	3.9	10.1
55.63	48	140.9	41.49	44.6	11.9	86.4	52.8	55.5	15.55	14.8	6.3	16.4
83.12	9.1	30.4	63.94	6.4	0	17.3	11.8	12.2	24.9	25.31	4.2	4.3

Inventories	Other Current	Total Curr	Intangibles	Gross Plar	Accumulat	Net Plant	Total Assets	Short-Term Debt	Accounts Payable	Other Curr	Total Curr	Working Capital	Deferred T	Long-Term Debt	Preferred I	Common E
4.3	139	166.9	1.1	1683.7	532.8	1150.9	1470.5	90.3	43.7	43.9	177.9	-11.1	27.6	321	0	494.3
39	401	784	1345	19954	4962	14992	18482	1423	154	815	2392	-1608	281	5749	10	5208
13	14.5	128.6	42.2	6509.1	1507.5	5001.6	6159	157.2	59.9	84.5	301.5	-172.9	17.3	1737.6	0	1850.1
1.6	5	14.6	0.3	539.7	110.3	429.4	451	8.4	5.6	5.3	19.3	-4.7	0	102.3	0	139
6.3	80	142.1	2.6	2717.3	858.1	1859.3	2411.7	123.3	77.8	49.1	250.2	-108.2	26.7	531.7	0	659.5
1.5	13.2	29.4	30.4	811.6	210.2	601.4	784.5	37.8	13.1	4.2	55.1	-25.8	2.6	197	0.8	236
2.3	2.8	60.9	15	123.9	70.8	53.1	163.6	0.5	4.9	1.3	6.7	54.2	-0.5	0	0	145.6
0	2.8	24.7	12.8	273.4	72.9	200.5	238.8	0	1.8	9.1	10.9	13.8	-1.6	114.3	0	15.2
4.1	8.6	26.7	0	653.5	135.7	517.8	620.2	6.2	12.3	28.6	47.1	-20.3	3.6	134.5	2.4	218.4
0	76.9	99.6	0	1666.4	520	1146.4	1443.4	14.3	18.7	30.5	63.6	36	4.8	433.3	0	421.6
72.8	747.3	1490.2	1449.4	35272.3	9049.1	26223.2	32545.2	1861.1	395.5	1075.9	3332.6	-1842.4	366.8	9405.5	13.2	9501.8
0.7	3.4	12.6	0	339.7	68.8	270.9	320.5	0	3.7	4.5	8.2	4.4	5.4	84.6	0	114.1
4.3	139	166.9	1.1	1683.7	532.8	1150.9	1470.5	90.3	43.7	43.9	177.9	-11.1	27.6	321	0	494.3
13	14.5	128.6	42.2	6509.1	1507.5	5001.6	6159	157.2	59.9	84.5	301.5	-172.9	17.3	1737.6	0	1850.1
6.3	80	142.1	2.6	2717.3	858.1	1859.3	2411.7	123.3	77.8	49.1	250.2	-108.2	26.7	531.7	0	659.5
1.5	13.2	29.4	30.4	811.6	210.2	601.4	784.5	37.8	13.1	4.2	55.1	-25.8	2.6	197	0.8	236
4.1	8.6	26.7	0	653.5	135.7	517.8	620.2	6.2	12.3	28.6	47.1	-20.3	3.6	134.5	2.4	218.4
0	76.9	99.6	0	1666.4	520	1146.4	1443.4	14.3	18.7	30.5	63.6	36	4.8	433.3	0	421.6
0.7	3.4	12.6	0	339.7	68.8	270.9	320.5	0	3.7	4.5	8.2	4.4	5.4	84.6	0	114.1

-11
-172.9
-108.1
-25.7
-20.4
36
4.4

•

Return on Total Assets	Return on Total Assets Latest Qtr	Return on Total Capital	% Retained to Common Equity	Dividend F %	All Divs/ Current R	Quick Ratio	Latest Qtr	% LTD/Ca	% LTD/Ca	% Debt/Capital	Latest Qtr
4.06	1.41	8.55	5.32	55.92	53	0.97	0.93	39.37	41.13		37.9
2.53	1.05	5.63	3.96	55.88	53.5	0.49	0.47	52.42	57.49		54.7
3.8	1.16	7.59	5.58	55.91	58.5	0.55	0.48	48.43	51.5		50.1
2.87	0.82	6.74	3.43	63.15	64.6	0.71	0.64	42.4	43.98		42.2
2.01	1.3	5.49	2.36	67.96	49.8	0.47	0.46	44.64	52.19		43
2.98	1.14	6.28	4.59	53.67	52.2	1.18	1.14	45.42	48.83		46.3
2.42	0.7	2.72	-0.33	112.24	63.3	9.4	9.08	0	0		0
-1.19	0.5	2.37	-51.92	-176.58	252.6	1.21	1.21	88.27	89.52		89.5
3.66	1.17	7.14	4.33	58.4	67.3	0.51	0.44	37.85	42.1		37.1
3.66	1.29	7.36	8.6	31.34	31.4	0.93	0.93	50.68	49.53		48.7
2.87		6.23	4.3	0	0			49.71			
3.69	1.17	7.23	3.41	67.16	65.8	0.85	0.76	42.59	43.35		43
4.06	1.41	8.55	5.32	55.92	53	0.97	0.93	39.37	41.13		37.9
3.8	1.16	7.59	5.58	55.91	58.5	0.55	0.48	48.43	51.5		50.1
2.01	1.3	5.49	2.36	67.96	49.8	0.47	0.46	44.64	52.19		43
2.98	1.14	6.28	4.59	53.67	52.2	1.18	1.14	45.42	48.83		46.3
3.66	1.17	7.14	4.33	58.4	67.3	0.51	0.44	37.85	42.1		37.1
3.66	1.29	7.36	8.6	31.34	31.4	0.93	0.93	50.68	49.53		48.7
3.69	1.17	7.23	3.41	67.16	65.8	0.85	0.76	42.59	43.35		43
3.408571429		7.091428571	4.884285714	55.76571	54	0.78	0.734285714	44.14	46.94714		43.72857143

% Shr Equ % Common Equity/Capital	ROE	Lates Sales per	Cash Flow	Avg Basic Shares	Avg Diluted Shares	Basic Earr	Diluted Earn P/Sh	Div'ds Declared per share	Book Value per share	Capl Spen	Price/Sale	% FCF/Pri	
33.61	60.6	3.99	11.92	2.7	36.6	36.75	1.63	1.62	0.91	13.52	3.55	4.42	-0.57
28.23	47.5	3.68	18.54	5.26	178	179	2.63	2.62	1.47	29.24	7.36	4.22	0.15
30.03	51.6	3.93	4.62	2.07	177.3	177.845993	1.32	1.32	0.74	10.43	2.16	7.53	-0.92
30.82	57.6	2.73	8.66	2.43	9.1	9.167	1.42	1.41	0.9	15.23	3.1	3.93	-2.01
27.34	55.4	4.92	12.7	2.34	48	47.956001	1.01	1.01	0.69	13.75	4.77	2.91	-1.48
30.18	54.4	3.63	8.77	3.31	11	11.228	2.12	2.08	1.12	20.98	5.93	6.02	0.39
88.99	100	0.79	3.89	0.95	14.8	14.944	0.27	0.27	0.3	9.79	0.23	2.96	-0.22
6.36	11.7	8.99	1.52	0.17	19.1	19.146999	-0.15	-0.15	0.17	0.78	0.44	5.63	-1.2
35.61	61.5	3.32	8.16	2.17	16.3	16.426001	1.39	1.38	0.81	13.4	2.91	4.55	-0.95
29.21	49.3	4.32	16.61	4.76	20.4	20.589001	2.59	2.57	0.81	20.61	6.95	3.05	-1.34
29.23	50.2		10.93	3.2	543.4	545.898987			0.97	17.45	4.34		
35.58	57.4	3.34	3.7	1.42	12.8	12.846	0.92	0.92	0.63	8.88	1.03	8.26	-0.72
33.61	60.6	3.99	11.92	2.7	36.6	36.75	1.63	1.62	0.91	13.52	3.55	4.42	-0.57
30.03	51.6	3.93	4.62	2.07	177.3	177.845993	1.32	1.32	0.74	10.43	2.16	7.53	-0.92
27.34	55.4	4.92	12.7	2.34	48	47.956001	1.01	1.01	0.69	13.75	4.77	2.91	-1.48
30.18	54.4	3.63	8.77	3.31	11	11.228	2.12	2.08	1.12	20.98	5.93	6.02	0.39
35.61	61.5	3.32	8.16	2.17	16.3	16.426001	1.39	1.38	0.81	13.4	2.91	4.55	-0.95
29.21	49.3	4.32	16.61	4.76	20.4	20.589001	2.59	2.57	0.81	20.61	6.95	3.05	-1.34
35.58	57.4	3.34	3.7	1.42	12.8	12.846	0.92	0.92	0.63	8.88	1.03	8.26	-0.72
31.65143	55.74285714	3.921429	9.497143	2.681429	46.05714286	46.234428	1.568571	1.557142857	0.815714286	14.51	3.9	5.248571	-0.79857

Avg Annual P/E Ratio	Avg Annual Dividend Yield	Price to Book Value Qtr	Price To Book Value	Est Annual	Est Operat	Est Depr	Est Net Be	Est Tax R	Est Net Aft	Est Profit	Est Sales	Est Cash F	Est EPS C	Est EPS N	Est Divid
25.59	2.2	3.73	3.95	445			97.6	36.5	62		12.4	2.85	1.85	1.85	1.06
27.71	2.03	2.55	2.7	3380			891.7	40	535		19	5.8	3	3.3	1.78
23.86	2.35	3.12	3.26	800			269.2	9	245		4.5	2.15	1.36	1.45	0.85
20.86	3.06	2.22	2.28												0
29.65	2.3	2.78	2.89	660			104.6	35	68		13.7	2.7	1.4	1.55	0.75
23.28	2.31	2.11	2.47	106			32.7	19	26.5		8.8	3.35	2.2	2.4	1.24
44.81	2.48	1.24	1.25	64					8		4.3	0.75	0.55	0.7	0.34
-53.29	2.15	12.88	11.31												0
25.65	2.28	2.6	2.75	134			33.8	32	23		8.1	2.25	1.4	1.65	0.91
15.68	2.01	2.53	2.7	380			87.1	38	54		18.1	4.6	2.6	2.85	0.93
26.13	2.16		0												0
32.77	2.09	3.39	3.48	48.5			17.8	24	13.5		3.8	1.65	1.05	1.15	0.7
25.59	2.2	3.73	3.95	445	0	0	97.6	36.5	62	0	12.4	2.85	1.85	1.85	1.06
23.86	2.35	3.12	3.26	800	0	0	269.2	9	245	0	4.5	2.15	1.36	1.45	0.85
29.65	2.3	2.78	2.89	660	0	0	104.6	35	68	0	13.7	2.7	1.4	1.55	0.75
23.28	2.31	2.11	2.47	106	0	0	32.7	19	26.5	0	8.8	3.35	2.2	2.4	1.24
25.65	2.28	2.6	2.75	134	0	0	33.8	32	23	0	8.1	2.25	1.4	1.65	0.91
15.68	2.01	2.53	2.7	380	0	0	87.1	38	54	0	18.1	4.6	2.6	2.85	0.93
32.77	2.09	3.39	3.48	48.5	0	0	17.8	24	13.5	0	3.8	1.65	1.05	1.15	0.7
25.21142857	2.22	2.894285714	3.071428571	367.6429	0	0	91.82857	27.64286	70.28571	0	9.914286	2.792857	1.694286	1.842857	0.92

Est Book \ Est Long-T	Est Share	Est Return	Est Return	Sales	Gro	Sales	Gro	Sales	Gro	Cash Flow	Cash Flow	Cash Flow	EPS Growth 1-Year	EPS Growth 5-Year	EPS Growth 10-Year	Dividend Growth 1-Year
14.2	0		8.5	12	-5.1	3	5.5	-3.77	6.5	7.5		1.25	9.5		10	4.58
30.9	0		6	9.5	4.64	3.5	3	2.4	8.5	23		-0.76	11			10.53
11.1	0		7.5	12.5	0.21	2	4	10.57	7	7.5		15.79	11		8.5	7.25
	0				1.91	1	1.5	9.08	4.5	3.5		11.9	6		4	3.09
14.3	0		6.5	10	3.37	2	4	5.44	3.5	5		7.45	3		4	2.98
24.4	0		5.5	9	2.24	3	4	4.05	9.5	6.5		1.96	12		8	6.67
10	0		5.5	5.5	0.71	1.5	7.5	7.02	-1.5	3		-47.06	-5.5		-1	0
	0															
13.95	0		7	10	5.01	3	2	9.86	6.5	4.5		13.11	8		5	4.12
21.65	0		7.5	12	10.95	5.5	5	23.53	12	7		38.92	20.5		8	3.85
	0				-0.06			1.4				0.5				4.34
9.3	0		7.5	11.5	0.75	3.5	4	-2.31	6.5	6.5		-5.16	6		5.5	5
14.2	0	0	8.5	12	-5.1	3	5.5	-3.77	6.5	7.5		1.25	9.5		10	4.58
11.1	0	0	7.5	12.5	0.21	2	4	10.57	7	7.5		15.79	11		8.5	7.25
14.3	0	0	6.5	10	3.37	2	4	5.44	3.5	5		7.45	3		4	2.98
24.4	0	0	5.5	9	2.24	3	4	4.05	9.5	6.5		1.96	12		8	6.67
13.95	0	0	7	10	5.01	3	2	9.86	6.5	4.5		13.11	8		5	4.12
21.65	0	0	7.5	12	10.95	5.5	5	23.53	12	7		38.92	20.5		8	3.85
9.3	0	0	7.5	11.5	0.75	3.5	4	-2.31	6.5	6.5		-5.16	6		5.5	5
15.55714	0	0	7.142857	11	2.49	3.142857	4.071429	6.767143	7.357143	6.357143		10.47428571	10		7	4.921428571

15.39571429

4.2679

Dividend Growth 5-Year	Dividend Growth 10-Year	Book Value Growth 1-Year	Book Value Growth 5-Year	Book Value Growth 10-Year	Quarter End	Sales Late	Depreciat	Net Incom	EPS 10Q	Dividend L	Inventories	Current As
10.5	7	5.88	5	5.5	9/30/2017	124.42	9.9	21	0.57	9.3	5.4	146.7
9		3.5	4	1.5	9/30/2017	936	255	203	1.13	74	42	860
8	8	6.68	7.5	7	9/30/2017	215.01	34.3	76.2	0.43	36.4	16.6	138.3
3	4	4.26	3	4	9/30/2017	22.36	2.4	3.9	0.42	2.1	1.4	16.4
2	1.5	2.51	5	5	9/30/2017	211.73	19.7	33.8	0.7	8.6	6.3	180.5
3	2.5	4.87	9	6	9/30/2017	31.8	4.5	10.7	0.9	0	1.8	47.1
0.5	4.5	-0.22	2.5	7.5	9/30/2017	16.57		1.2	0.08	1.1	2.3	67.8
					9/30/2017	8.47	1.7	1.2	0.06	1.4		12.7
1.5	1.5	5.22	3	4	9/30/2017	36.17	3.8	7.6	0.46	3.5	4.4	30.1
3	4	9.47	6.5	5.5	9/30/2017	124.58	12.6	19.5	0.94	4.5		87.1
		0.74			1/1/1970					0		
3	3.5	4.25	3.5	5	9/30/2017	12.69	1.7	3.9	0.31	2.1	0.9	8.6
10.5	7	5.88	5	5.5	43008	124.42	9.9	21	0.57	9.3	5.4	146.7
8	8	6.68	7.5	7	43008	215.01	34.3	76.2	0.43	36.4	16.6	138.3
2	1.5	2.51	5	5	43008	211.73	19.7	33.8	0.7	8.6	6.3	180.5
3	2.5	4.87	9	6	43008	31.8	4.5	10.7	0.9	0	1.8	47.1
1.5	1.5	5.22	3	4	43008	36.17	3.8	7.6	0.46	3.5	4.4	30.1
3	4	9.47	6.5	5.5	43008	124.58	12.6	19.5	0.94	4.5	0	87.1
3	3.5	4.25	3.5	5	43008	12.69	1.7	3.9	0.31	2.1	0.9	8.6
4.428571429	4	5.554285714	5.642857143	5.428571429								

0.65
14.2
0.045774648

0.68
13.2
0.051515152

Curr Asset	Current Li	Long-Term Preferred	Common E	Shareholder	Common E	Working C	Inventory	1% Price	Ct Total	Retu	Total Retu	Total Return	13-We	Total Return	26-Week	Total Return	YTD	Total Return	1-Year
4	151.9	320.9	0	525.8	525.8	36.7	-5.2	43.97	0.7	4.36	-0.48		6.58		18.35		-0.71		29.76
4.82	1747	6672	0	5518	5518	178.4	-887	45.77	-1.6	2.57	-7.74		-2.93		5.64		-7.61		29.02
0.78	252.9	1952.5	0	1938.3	1938.3	177.7	-114.6	28.48	-1.8	2.94	-7.37		3.28		10.55		-7.14		33.76
1.78	23.2	105.9	0	144.6	144.6	9.2	-6.8	21.76	-1.4	1.18	-2.78		-7.54		-1.11		-1.89		23.94
3.76	380.4	519.7	0	687.7	687.7	48	-199.9	54.83	2	1.4	-4.3		2.31		14.34		-4.41		36.39
3.91	39.8	255.2	0	295.2	295.2	12.1	7.3	34.24	0.8	1.6	-9.54		-15.69		-7.45		-8.29		4.95
4.55	7.2	0	0	147.2	147.2	14.9	60.5	12.85	-1.5	1.93	3.42		6.74		5.25		5.47		18.3
0.65	10.5	114.4	0	13.4	13.4	19.6	2.2		0	-0.67	-3.95		-5.41		-4.32		-4.56		5.74
1.84	59	135.8	0	229.5	229.5	16.3	-28.9	19.58	-2	2.68	-4.81		-12.41		-0.82		-2.91		-4.92
4.24	93.4	431	0	452.5	452.5	20.5	-6.3		-0.6	4.08	-5.01		-0.81		26.93		-4.15		15.9
		0	0					42.24	-1.2	2.66	-6.59		-0.99		8.41		-6.36		28.03
0.67	10.1	88.9	0	117.6	117.6	12.9	-1.5	10.59	-1.9	-0.63	-7.15		-9.35		-7.49		-6.19		-9.61

4	151.9	320.9	0	525.8	525.8	36.7	-5.2	43.97	0.7	4.36	-0.48		6.58		18.35		-0.71		29.76
0.78	252.9	1952.5	0	1938.3	1938.3	177.7	-114.6	28.48	-1.8	2.94	-7.37		3.28		10.55		-7.14		33.76
3.76	380.4	519.7	0	687.7	687.7	48	-199.9	54.83	2	1.4	-4.3		2.31		14.34		-4.41		36.39
3.91	39.8	255.2	0	295.2	295.2	12.1	7.3	34.24	0.8	1.6	-9.54		-15.69		-7.45		-8.29		4.95
1.84	59	135.8	0	229.5	229.5	16.3	-28.9	19.58	-2	2.68	-4.81		-12.41		-0.82		-2.91		-4.92
4.24	93.4	431	0	452.5	452.5	20.5	-6.3	0	-0.6	4.08	-5.01		-0.81		26.93		-4.15		15.9
0.67	10.1	88.9	0	117.6	117.6	12.9	-1.5	10.59	-1.9	-0.63	-7.15		-9.35		-7.49		-6.19		-9.61

-3.727142857 7.772857143 -4.828571429 15.17571429

-0.71 29.76
-7.61 29.02
-7.14 33.76
-1.89 23.94
-4.41 36.39
-8.29 4.95
-2.91 -4.92
-4.15 15.9
-6.19 -9.61

-4.81 17.69

Total Return 3-Year	Total Return 5-Year	Total Return 10-Year	Total Return 2017	Total Return 2016	Total Return 2015	Total Return 2014	Total Return 2013	Total Return 2012	Total Return 201	Total Return 2010
17.95	22.15	14.94	29.76	11.01	13.91	34.7	23.05	41.85	4.54	0.25
22.35	22.44		29.02	23.59	14.85	29.42	16.12	20.6	30.04	17.25
16.49	16.86	11.71	33.76	3.22	14.49	16.1	18.76	18.6	0.86	32.48
23.4	15.34	11.54	23.94	18.91	27.52	2.35	6.13	23.78	3.5	7.84
25.59	23.03	12.66	36.39	49.25	-2.68	9.75	29.67	4.06	1.36	4.56
19.4	17.16	12.87	4.95	50.4	7.84	5.34	23.09	13.36	0.85	17.14
8.15	13.79	-4.34	18.3	-9.09	17.6	-22.29	94.12	-10.44	-3.37	-34.06
			5.74	48.81						
23.3	18.92	11.69	-4.92	65.64	19.03	14.23	11.05	9.09	5.78	8.55
28.4	21.96	9.06	15.9	92.89	-5.32	10.77	15.07	15.94	-8.05	20.67
20.88	20.67	5.73	28.03	24.01	13.67	23.86	12.77	17.2	13.35	24.94
15.9	16.64	11.19	-9.61	56.23	10.25	13.96	21.68	2.65	5.28	23.17

17.95	22.15	14.94	29.76	11.01	13.91	34.7	23.05	41.85	4.54	0.25
16.49	16.86	11.71	33.76	3.22	14.49	16.1	18.76	18.6	0.86	32.48
25.59	23.03	12.66	36.39	49.25	-2.68	9.75	29.67	4.06	1.36	4.56
19.4	17.16	12.87	4.95	50.4	7.84	5.34	23.09	13.36	0.85	17.14
23.3	18.92	11.69	-4.92	65.64	19.03	14.23	11.05	9.09	5.78	8.55
28.4	21.96	9.06	15.9	92.89	-5.32	10.77	15.07	15.94	-8.05	20.67
15.9	16.64	11.19	-9.61	56.23	10.25	13.96	21.68	2.65	5.28	23.17

21.00428571	19.53142857	12.01714286	15.17571429	46.94857143	8.217142857	14.97857143	20.33857143	15.07857143	1.517142857	15.26
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18.21%	16.47%	8.79%
17.95	22.15	14.94
22.35	22.44	0
16.49	16.86	11.71
23.4	15.34	11.54
25.59	23.03	12.66
19.4	17.16	12.87
23.3	18.92	11.69
28.4	21.96	9.06
15.9	16.64	11.19
21.42	19.39	10.63

0.066833741	0.060851603	0.034243619	23.44714286
			21.13171429
			13.54457143

Total Return 2009	Total Return 2008	Relative SI	Relative SI	Relative SI	Volume La	Avg Tradir	Avg Tradir	Avg Tradir	Avg Tradir	Avg Tradir	Liquidity R	Short Inter	Short Inter	Beta 3-Year	Beta 5-Year	Beta 10-Yr	Std Dev 3-
10 53	-9.93	35	40	49	308328	443490	304586	195827	158532	130792				-0.23	0.5	0.38	17.29
11.94	1.4	34	20	21	1097420	906106	1175064	817141	734370	720959				0.05	0.28		15.85
-12.23	-0.2	45	21	35	647554	738047	741984	572309	465195	486012				0.25	0.6	0.28	14.17
20.66	-12.42	35	34	17	32278	21659	23710	22973	22687	22530				-0.07	0.11	0.38	25.35
-18.24	29 53	32	22	29	392175	378583	285471	190863	149562	141246				0.42	0.74	0.37	20.27
9 4	3 74	88	26	11	70009	40253	44227	39450	35958	32783				-0.06	0.09	0.41	19.8
16 61	-49 45	77	76	65	45161	38715	44934	46788	45373	51184				0.51	0.89	1.3	24.44
		70	33	26	18924	21896	27245	20707	20673	19711							
7 19	-5 4	23	28	11	37138	67852	77423	49583	42837	43748				0.39	0.46	0.49	27.67
-22 41	-11.64	41	25	32	56528	48678	46180	52318	54439	54786				-0.14	0.18	0.54	21.86
7 91	4 23	86	89	66	932589									0.11	0.39	0.34	14.23
24 34	-19 16	45	24	14	26357	25456	26950	25196	24309	27079				0.37	0.58	0.48	24.41
10 53	-9 93	35	40	49	308328	443490	304586	195827	158532	130792	0	0	0	-0.23	0.5	0.38	17.29
-12 23	-0.2	45	21	35	647554	738047	741984	572309	465195	486012	0	0	0	0.25	0.6	0.28	14.17
-18 24	29 53	32	22	29	392175	378583	285471	190863	149562	141246	0	0	0	0.42	0.74	0.37	20.27
9 4	3 74	88	26	11	70009	40253	44227	39450	35958	32783	0	0	0	-0.06	0.09	0.41	19.8
7.19	-5.4	23	28	11	37138	67852	77423	49583	42837	43748	0	0	0	0.39	0.46	0.49	27.67
-22 41	-11 64	41	25	32	56528	48678	46180	52318	54439	54786	0	0	0	-0.14	0.18	0.54	21.86
24 34	-19 16	45	24	14	26357	25456	26950	25196	24309	27079	0	0	0	0.37	0.58	0.48	24.41
-0.202857143	-1.865714286														0.142857143	0.45	0.421429

Std Dev 5-	Std Dev 10	1 Day	Mor 1	Week	Mo 1	Month	M	EPS	Lates	EPS	Lates	EPS	1 Qtr	EPS	2 Qtr	EPS	3 Qtr	Est %	EPS	Est %	EPS	Est %	EPS	Ch %	EPS	12	Expected	I	Est	By	Est	EPS	1:	Est	EPS	2:	Est	EPS	3:	Est	EPS	4:
22.06	20.7	111	-181.3	10.3	9/30/2017	0.57	0.62	0.34	0.3	14.19	6.66	14.7	-3.39	12.27	2/28/2018	1	0.32	0.39	0.48	0.6																						
14.65		-1503.5	-530.9	-699	9/30/2017	1.13	0.73	0.52	0.57	14.06	8.77	11.53	36.14	12.59	2/28/2018	1	0.62	0.58	0.84	1.19																						
15.86	18.2	-427.4	-133.7	-119.8	9/30/2017	0.43	0.34	0.28	0.28	3.02	10.71	7.14	4.87	9.91	2/28/2018	1	0.31	0.3	0.37	0.46																						
21.6	19.76	-16.5	-5.6	7.9	9/30/2017	0.42	0.35	0.34	0.3				-12.5	6.81	2/28/2018	2																										
20.39	19.03	313.7	-143.3	-68.7	9/30/2017	0.7	0.39	0.02	0.31	38.61	-6.45	300	45.83	61.36	1/26/2018	1	0.29	0.08	0.42	0.72																						
18.49	19.06	30.1	7.2	-8.1	9/30/2017	0.9	0.73	0.36	0.07	5.76	200	2.77	7.14	-6.78	2/28/2018	1	0.21	0.37	0.8	0.93																						
29.82	35.69	-9	-0.7	1.1	9/30/2017	0.08	0.11	0.18	0.1	103.7	80	5.55		67.85	2/28/2018	1	0.18	0.19	0.18	0.15																						
		0	0	-0.7	9/30/2017	0.06	0.02								2/28/2018	2																										
24.14	20.13	-27.9	-32.2	-8.5	9/30/2017	0.46	0.33	0.27	0.19	1.44	78.94	22.22	-14.81	-14.96	2/28/2018	1	0.34	0.33	0.38	0.6																						
21.26	22.55	-19.8	-11.9	-6.9	9/30/2017	0.94	0.9	0.18	0.67	1.16	-13.43	50	2.17		1/26/2018	1	0.58	0.27	0.9	1																						
14.15	13.35	-142.3	-94.3	-81.4	1/1/1970											0																										
22.68	20.77	-15.8	-4.7	-3.2	9/30/2017	0.31	0.23	0.2	0.23	14.13	34.78	20	14.81	1.04	2/28/2018	1	0.31	0.24	0.25	0.34																						
22.06	20.7	111	-181.3	10.3	43008	0.57	0.62	0.34	0.3	14.19	6.66	14.7	-3.39	12.27	43159	1	0.32	0.39	0.48	0.6																						
15.86	18.2	-427.4	-133.7	-119.8	43008	0.43	0.34	0.28	0.28	3.02	10.71	7.14	4.87	9.91	43159	1	0.31	0.3	0.37	0.46																						
20.39	19.03	313.7	-143.3	-68.7	43008	0.7	0.39	0.02	0.31	38.61	-6.45	300	45.83	61.36	43126	1	0.29	0.08	0.42	0.72																						
18.49	19.06	30.1	7.2	-8.1	43008	0.9	0.73	0.36	0.07	5.76	200	2.77	7.14	-6.78	43159	1	0.21	0.37	0.8	0.93																						
24.14	20.13	-27.9	-32.2	-8.5	43008	0.46	0.33	0.27	0.19	1.44	78.94	22.22	-14.81	-14.96	43159	1	0.34	0.33	0.38	0.6																						
21.26	22.55	-19.8	-11.9	-6.9	43008	0.94	0.9	0.18	0.67	1.16	-13.43	50	2.17	0	43126	1	0.58	0.27	0.9	1																						
22.68	20.77	-15.8	-4.7	-3.2	43008	0.31	0.23	0.2	0.23	14.13	34.78	20	14.81	1.04	43159	1	0.31	0.24	0.25	0.34																						

Proj 3-5 Yr	Proj 3-5 Yr % Price Change	Proj 3-5 Yr % Annual Total Return	Proj Sales	Proj Cash	Proj EPS Growth	Proj Dividend Growth	Proj Book Value Growth	Proj 3-5 Yr	Proj 3-5 Yr	Proj 3-5 Yr Dividend Yield	Current Div	% Current
2.35	-17	-2	4.5	6	6.5	7.5	4	21	1.55	2.8	1.05	1.82
4.15	-11		4.5	7	8.5	10	5.5	18	1.26	3.1	1.78	2.1
1.85	9	5	5	6	7	9	7	21	1.22	2.9	0.85	2.33
											0	0
1.85	-1	1	3	5.5	10	7.5	3.5	23	1.38	2.4	0.72	1.66
2.9	4	3	7	4.5	6.5	5.5	5	19	1.09	2.7	1.19	2.25
1.25	89	19	15.5	13	21	5	3.5	21	0.99	1.6	0.34	2.57
											0	0
2.1	9	4	3.5	8	9	5	4.5	21	1.22	2.5	0.9	2.32
3.45	22	7	5	4.5	7	7	4.5	22	1.08	1.6	0.87	1.42
											0	0
1.6	17	6	6.5	8	9.5	8	4.5	22.5	1.36	2.6	0.67	2.1
2.35	-17	-2	4.5	6	6.5	7.5	4	21	1.55	2.8	1.05	1.82
1.85	9	5	5	6	7	9	7	21	1.22	2.9	0.85	2.33
1.85	-1	1	3	5.5	10	7.5	3.5	23	1.38	2.4	0.72	1.66
2.9	4	3	7	4.5	6.5	5.5	5	19	1.09	2.7	1.19	2.25
2.1	9	4	3.5	8	9	5	4.5	21	1.22	2.5	0.9	2.32
3.45	22	7	5	4.5	7	7	4.5	22	1.08	1.6	0.87	1.42
1.6	17	6	6.5	8	9.5	8	4.5	22.5	1.36	2.6	0.67	2.1

6.142857143

3.428571429

7.928571429

7

7.5

4.5

0.079285714

0.019915778

9.90% Return for Water Proxy

3.60% Projected Inter Rate

6.30% RP

2/1/2018

Earnings Predictability	Financial Strength	Growth Persistence	Price Stability Rank	SIC Code	Industry N.	Industry R.	Options L.	% Insider	I %	Institutio	Currency C	Currency C	Domicile C	Exchange	IS	Page N.	Suppleme
85 A		75	75	4941	Water Utili	35	YES	2	9	76.02	USD	USD	US	NYS		1784	
90 B+		85	100	4941	Water Utili	35	YES		1	90.14	USD	USD	US	NYS		1785	
90 A		65	95	4941	Water Utili	35	YES		1.4	59.54	USD	USD	US	NYS		1786	
75 B		40	65	4941	Water Utili	35	YES			44.32	USD	USD	US	NDQ		4652	
65 B++		35	80	4941	Water Utili	35	YES			81.08	USD	USD	US	NYS		1787	
85 B+		50	90	4941	Water Utili	35	YES		2.2	52.7	USD	USD	US	NDQ		1788	
45 B+		20	30	4941	Water Utili	35	YES			53.28	USD	USD	KY	NDQ		1789	
				4941	Water Utili	35				18.73	USD	USD	US	NDQ		4653	
80 B++		40	70	4941	Water Utili	35	YES		3.1	58.14	USD	USD	US	NDQ		1790	
45 B+		35	70	4941	Water Utili	35	YES			60.13	USD	USD	US	NYS		1791	
				4941	Water Utili	35			1.14	0.07	USD	USD	IT	INDE		1783	
90 B+		55	60	4941	Water Utili	35	YES		1.2	39.85	USD	USD	US	NDQ		1792	
85 A		75	75	4941	Water Utili	35	YES		2.9	76.02	USD	USD	US	NYS		1784	0
90 A		65	95	4941	Water Utili	35	YES		1.4	59.54	USD	USD	US	NYS		1786	0
65 B++		35	80	4941	Water Utili	35	YES		0	81.08	USD	USD	US	NYS		1787	0
85 B+		50	90	4941	Water Utili	35	YES		2.2	52.7	USD	USD	US	NDQ		1788	0
80 B++		40	70	4941	Water Utili	35	YES		3.1	58.14	USD	USD	US	NDQ		1790	0
45 B+		35	70	4941	Water Utili	35	YES		0	60.13	USD	USD	US	NYS		1791	0
90 B+		55	60	4941	Water Utili	35	YES		1.2	39.85	USD	USD	US	NDQ		1792	0

ID	User-Defin	User-Defined 2
8288	12.981	12.048
98442	9.428	8.717
7056	11.692	12.921
12721	8.543	7.568
1574	7.01	9.055
2274	10.127	10.141
9991	5.183	4.439
21211		
5950	9.577	9.235
7824	9.871	14.384
10143	9.852	9.935
16182	11.45	10.983

8288
7056
1574
2274
5950
7824
16182

Company	Ticker	Field	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Amer States Water	AWR	Price	19 443	17 503	17 169	17 462	17 2	20 164	27 638	31 549	39 565	41 461		
Amer States Water	AWR	Revenues	301 37	318 718	360 973	398 942	419 274	466 908	472 077	465 791	458 641	436 087	445	470
Amer States Water	AWR	Operating Income	96 67	94 14	103 05	129 93	133 45	152 48	159 16	160 12	160 52	141 62		
Amer States Water	AWR	Operating Margin	32 06	29 54	28 55	32 57	31 83	32 66	33 72	34 38	35	32 47		
Amer States Water	AWR	Net Profit Margin	9 3	8 41	8 18	10 38	10 02	11 6	13 28	13 11	13 19	13 7		
Amer States Water	AWR	Depreciation	28 94	31 56	33 56	37 4	38 35	41 38	40 09	41 07	42 03	39 11		
Amer States Water	AWR	Working Capital	-31 15	-46 78	-38 9	26 14	61 23	90 34	90 91	110 16	9 19	-11 07		
Amer States Water	AWR	Cashflow per shr	1 65	1 69	1 7	2 12	2 13	2 48	2 65	2 67	2 81	2 7	2 85	3 05
Amer States Water	AWR	Dividends Declared per shr	0 48	0 5	0 5	0 52	0 55	0 63	0 76	0 83	0 87	0 91	0 99	1 06
Amer States Water	AWR	Capital Spending per shr	1 45	2 23	2 09	2 12	2 13	1 77	2 52	1 89	2 39	3 55	3 15	3 15
Amer States Water	AWR	Revenues per shr	8 74	9 21	9 74	10 71	11 12	12 12	12 19	12 17	12 56	11 92	12 4	12 65
Amer States Water	AWR	Avg Annual PE Ratio	24	22 58	21 2	15 73	15 36	14 3	17 17	20 09	24 73	25 59		
Amer States Water	AWR	Relative PE Ratio	1 27	1 36	1 41	1	0 96	0 91	0 96	1 06	1 25	1 34		
Amer States Water	AWR	Avg Annual Dividend	2 46	2 86	2 94	2 98	3 2	3 15	2 75	2 63	2 21	2 2		
Amer States Water	AWR	Return Total Capital	6 69	6 37	5 95	7 58	7 13	8 33	8 94	8 63	8 97	8 56	8 5	8 5
Amer States Water	AWR	Return Shareholders Equity	9 28	8 63	8 22	10 97	10 28	11 91	12 73	12 05	12 98	12 09	12	12
Amer States Water	AWR	Retained To Common Equity	3 87	3 07	3 18	5 85	5 25	6 6	6 77	5 71	5 97	5 33	5	5 5
Amer States Water	AWR	All Dividends To Net Profit	58 29	64 41	61 28	46 69	48 92	44 56	46 84	52 59	54 05	55 92	58	58
Amer States Water	AWR	Employees	572	675	703	719	732	728	722	707	707	736		
Amer States Water	AWR	Net Profit	28 03	26 79	29 53	41 4	42 01	54 15	62 69	61 06	60 48	59 74	62	66
Amer States Water	AWR	Income Tax Rate	42 58	37 81	38 93	43 16	41 72	39 9	36 34	38 39	38 42	36 76	36 5	21
Amer States Water	AWR	Earnings Before Extras	28 03	22	29 53	31 09	45 86	54 15	62 69	61 06	60 48	59 74		
Amer States Water	AWR	Earnings per shr	0 81	0 77	0 81	1 1	1 12	1 41	1 61	1 57	1 6	1 62	1 85	1 85
Amer States Water	AWR	Long Term Debt	267 23	266 54	305 56	299 84	340 39	332 46	326 03	325 8	325 54	320 98		
Amer States Water	AWR	Total Loans												
Amer States Water	AWR	Total Assets	963 9	1061 29	1113 29	1192 04	1238 36	1280 94	1310 18	1378 3	1348 6	1470 49		
Amer States Water	AWR	Preferred Dividends												
Amer States Water	AWR	Common Dividends	16 34	17 26	18 1	19 33	20 55	24 13	29 36	32 11	32 69	33 41		
Amer States Water	AWR	Common Shareholder Equity	302 13	310 5	359 43	377 54	408 67	454 58	492 4	506 8	465 95	484 3		
Amer States Water	AWR	Book Value per shr	8 77	8 97	9 7	10 13	10 84	11 8	12 72	13 24	12 77	13 52	14 2	14 85
Amer States Water	AWR	Shareholder Equity	302 13	310 5	359 43	377 54	408 67	454 58	492 4	506 8	465 95	494 3		
Amer States Water	AWR	Preferred Equity												
Amer States Water	AWR	Common Shares Outstanding	34 46	34 6	37 06	37 26	37 7	38 53	38 72	38 29	36 5	36 57	36 7	36 8
Amer States Water	AWR	Average Shares Outstanding	34 24	34 52	36 1	37 17	37 39	38	39 64	38 66	37 39	36 55		
Amer States Water	AWR	ROE	9 28%	8 63%	8 22%	10 97%	10 28%	11 91%	12 73%	12 05%	12 98%	12 09%		
Amer States Water	AWR	Operating Income (EBIT)	67 73	62 58	69 49	92 53	95 1	111 1	119 07	119 05	118 49	102 51		
Amer States Water	AWR	Operating Margin (EBIT)	22 47%	19 63%	19 25%	23 19%	22 88%	23 79%	25 22%	25 56%	25 84%	23 51%		
Amer States Water	AWR	Beta	0 9	0 95	0 8	0 8	0 75	0 7	0 7	0 7	0 7	0 7	0 8	
Amer States Water	AWR	Alpha	0 01	0	0 17	0 09	-0 03	0 06	0 15	0 12	0 25	0 28	0 22	
Amer States Water	AWR	Std Dev	0 79	0 77	0 71	0 69	0 67	0 61	0 62	0 67	0 7	0 73	0 79	
Amer States Water	AWK	Price	20 809	19 544	22 358	28 893	35 252	40 997	47 841	54 141	72 804			
Amer States Water	AWK	Revenues	2214 215	2336 928	2440 703	2710 677	2666 236	2876 889	2901 858	3011 328	3159	3302	3380	3600
Amer States Water	AWK	Operating Income	967 74	833 99	917 09	1102 74	1154 96	1305 64	1353 57	1426 66	1515	1540		
Amer States Water	AWK	Operating Margin	43 71	35 69	37 57	40 68	43 32	45 38	46 64	47 38	47 96	46 64		
Amer States Water	AWK	Net Profit Margin	-15 46	8 01	8 6	9 88	11 44	13 01	12 73	14 27	15 07	14 17		
Amer States Water	AWK	Depreciation	267 33	271 26	294 24	354 65	351 82	381 5	407 72	424 08	440	470		
Amer States Water	AWK	Working Capital	-344 14	-687 09	-108 26	-240 2	-91 45	-495 39	-685 14	-579 63	-876	-1608		
Amer States Water	AWK	Cashflow per shr	-0 47	2 87	2 89	3 96	3 73	4 27	4 36	4 75	5 13	5 26	5 8	6 2
Amer States Water	AWK	Dividends Declared per shr	0	0 4	0 82	0 86	0 9	1 21	0 84	1 21	1 33	1 47	1 62	1 78
Amer States Water	AWK	Capital Spending per shr	4 74	6 3	4 5	4 38	5 26	5 25	5 5	5 33	6 51	7 36	7 2	7 25
Amer States Water	AWK	Revenues per shr	13 84	14 61	13 98	15 49	15 18	16 25	16 28	16 78	17 72	18 54	18 95	20 1
Amer States Water	AWK	Avg Annual PE Ratio		18 92	15 64	14 61	16 8	16 71	19 9	20 02	20 51	27 71		
Amer States Water	AWK	Relative PE Ratio		1 14	1 04	0 93	1 05	1 06	1 12	1 05	1 03	1 45		
Amer States Water	AWK	Avg Annual Dividend		1 92	4 2	3 85	3 12	3 43	2 05	2 53	2 46	2 03		
Amer States Water	AWK	Return Total Capital	-2 1	3 71	3 8	4 39	4 76	5 45	5 09	5 52	5 7	5 64	6	6
Amer States Water	AWK	Return Shareholders Equity		4 56	5 25	6 49	7 19	8 42	7 81	8 72	9 43	8 97	9 5	10
Amer States Water	AWK	Retained To Common Equity	-7 54	3	1 82	2 85	3 47	3 62	4 65	4 34	4 7	3 96	4 5	4 5
Amer States Water	AWK	All Dividends To Net Profit		34 22	65 41	56 12	51 77	57 04	40 47	50 33	50 31	55 88	57	55
Amer States Water	AWK	Employees	7000	7300	7700	7000	7000	7000	6600	6400	6700	6800		
Amer States Water	AWK	Net Profit	-342 27	187 21	209 94	267 83	304 93	374 25	369 3	429 84	476	468	535	590
Amer States Water	AWK	Income Tax Rate		37 4	37 95	40 41	39 46	40 71	39 08	39 44	39 13	39 22	40	21
Amer States Water	AWK	Earnings Before Extras	-342 83	-562 42	-233 08	267 83	309 61	358 07	369 3	429 84	476	468		
Amer States Water	AWK	Earnings per shr	-2 14	1 1	1 25	1 53	1 72	2 11	2 06	2 39	2 64	2 62	3	3 3
Amer States Water	AWK	Long Term Debt	4703 7	4648 21	5288 18	5433 54	5339 95	5190 51	5212 88	5432 74	5862	5749		
Amer States Water	AWK	Total Loans												
Amer States Water	AWK	Total Assets	12934 07	13231 82	13452 65	14079 77	14776 39	14718 98	15069 53	16130 96	17241	18482		
Amer States Water	AWK	Preferred Dividends								0 5	0 5	0 5		
Amer States Water	AWK	Common Dividends		64 06	137 33	150 3	157 85	213 46	149 45	215 85	239	261		
Amer States Water	AWK	Common Shareholder Equity	4542 05	4102	4000 86	4127 73	4235 84	4443 27	4727 8	4915 59	5037	5208		
Amer States Water	AWK	Book Value per shr	28 39	25 64	22 91	23 59	24 11	25 1	26 52	27 39	28 25	29 24	30 9	32 4
Amer States Water	AWK	Shareholder Equity	4542 05	4102	4000 86	4127 73	4240 38	4444 99	4727 8	4931 09	5049	5218		
Amer States Water	AWK	Preferred Equity				4 55	1 72			15 5	12	10		
Amer States Water	AWK	Common Shares Outstanding	160	160	174 63	175	175 66	176 99	178 25	179 46	178 28	178 1	178 5	179
Amer States Water	AWK	Average Shares Outstanding	160	159 97	168 16	174 83	175 48	176 45	177 81	178 89	179	178		
Amer States Water	AWK	ROE	-7 54%	4 56%	5 25%	6 49%	7 20%	8 42%	7 81%	8 74%	9 45%	8 99%		
Amer States Water	AWK	Operating Income (EBIT)	700 41	562 73	622 85	748 09	803 14	924 14	945 85	1002 58	1075	1070		
Amer States Water	AWK	Operating Margin (EBIT)	31 63%	24 08%	25 52%	27 60%	30 12%	32 12%	32 59%	33 29%	34 03%	32 40%		
Amer States Water	AWK	Beta			0 65	0 65	0 65	0 65	0 7	0 7	0 65	0 65		
Amer States Water	AWK	Alpha			0 17	0 21	0 28	0 26	0 24	0 23	0 35	0 23		
Amer States Water	AWK	Std Dev			0 7	0 63	0 57	0 54	0 53	0 52	0 52	0 56		
Amer States Water	WTR	Price	18 158	14 558	14 226	15 176	17 686	19 129	24 569	24 913	26 8	31 499		
Amer States Water	WTR	Revenues	602 499	628 972	670 539	726 072	711 956	757 76	768 643	779 903	814 204	819 875	800	840
Amer States Water	WTR	Operating Income	304 03	320 1	352 4	393 14	392 48	433 28	419 47	437 41	449 84	458 59		
Amer States Water	WTR	Operating Margin	50 46	51 06	52 55	54 15	55 13	57 18	54 57	56 08	55 25	55 93		
Amer States Water	WTR	Net Profit Margin	15 77	15 62	15 56	17 08	20 33	20 2	26 67	27 42	24 78	28 56		
Amer States Water	WTR	Depreciation	88 01	94 3	114 64	121 07	106 67	111 77	119 26	123 05	128 74	133 01		
Amer States Water	WTR	Working Capital	-67 7	-72 13	-79 44	-78 3	-105 22	-13 27	-95 24	-72 81	-64 83	-172 89		
Amer States Water	WTR	Cashflow per shr	1 1	1 14	1 28	1 42	1 45	1 51	1 82	1 89	1 87	2 07	2 15	2 25
Amer States Water	WTR	Dividends Declared per shr	0 38	0 41	0 44	0 47	0 5	0 54	0 58	0 63	0 69	0 74	0 79	0 85
Amer States Water	WTR	Capital Spending per shr	1 43	1 58	1 66	1 89	1 9	1 98	1 73	1 84	2 07	2 16	2 55	2 45
Amer States Water	WTR	Revenues per shr	3 61	3 7	3 93	4 21	4 1	4 32	4 32	4 37	4 61	4 62	4 5	4 7
Amer States Water	WTR	Avg Annual PE Ratio	31											

		ROE	9.73%	9.25%	9.41%	10.56%	11.57%	11.05%	13.35%	12.92%	11.69%	12.66%		
		Operating Income (EBIT)	216.02	225.8	237.46	272.07	285.81	321.51	300.21	314.36	321.1	325.58		
		Operating Margin (EBIT)	35.85%	36.01%	35.41%	37.47%	40.14%	42.43%	39.06%	40.31%	39.44%	39.71%		
Aqua America	WTR	Beta	0.85	1	0.65	0.65	0.65	0.6	0.6	0.7	0.75	0.7	0.7	
Aqua America	WTR	Alpha	0.1	-0.09	0.06	-0.09	-0.02	0.06	0.24	0.11	0.09	0.2	0.1	
Aqua America	WTR	Std Dev	0.67	0.68	0.58	0.54	0.5	0.47	0.46	0.53	0.58	0.57	0.63	
Artesian Res Corp	ARTNA	Price	19.325	17.26	15.926	18.244	18.657	20.889	22.491	21.899	22.717	29.407		
Artesian Res Corp	ARTNA	Revenues	52.524	56.185	60.912	64.885	65.07	70.563	69.073	72.465	77.024	79.089		
Artesian Res Corp	ARTNA	Operating Income	23.93	25.31	28.54	30.17	29.62	34.35	32.44	35.38	33.09	35.1		
Artesian Res Corp	ARTNA	Operating Margin	45.56	45.05	46.86	46.5	45.52	48.67	46.97	48.82	42.96	44.38		
Artesian Res Corp	ARTNA	Net Profit Margin	11.92	11.42	11.92	11.74	10.37	13.95	12.02	13.12	14.68	16.38		
Artesian Res Corp	ARTNA	Depreciation	5.16	5.78	6.56	7.03	7.41	7.93	8.25	8.67	8.84	9.19		
Artesian Res Corp	ARTNA	Working Capital	2.48	-20.91	-23.28	-27.85	-11.41	-11.46	-12.31	-13.54	-8.77	-4.69		
Artesian Res Corp	ARTNA	Cashflow per shr	1.57	1.65	1.84	1.91	1.64	2.04	1.88	2.04	2.22	2.43		
Artesian Res Corp	ARTNA	Dividends Declared per shr	0.66	0.71	0.72	0.75	0.76	0.79	0.82	0.85	0.87	0.9		
Artesian Res Corp	ARTNA	Capital Spending per shr	3.66	6.09	2.32	2.57	1.83	2.36	2.4	2.66	2.29	3.1		
Artesian Res Corp	ARTNA	Revenues per shr	7.2	7.59	8.11	8.48	7.56	8.1	7.82	8.13	8.5	8.66		
Artesian Res Corp	ARTNA	Avg Annual PE Ratio	21.47	20.07	16.42	18.24	22.48	18.31	23.93	20.47	18.03	20.86		
Artesian Res Corp	ARTNA	Relative PE Ratio	1.14	1.21	1.09	1.16	1.41	1.17	1.34	1.08	0.91	1.1		
Artesian Res Corp	ARTNA	Avg Annual Dividend	3.44	4.09	4.53	4.12	4.09	3.83	3.66	3.87	3.84	3.06		
Artesian Res Corp	ARTNA	Return Total Capital	5.27	4.7	5.16	5.63	4.6	5.87	5.12	5.55	6.27	6.74		
Artesian Res Corp	ARTNA	Return Shareholders Equity	7.36	7.31	7.97	8.01	5.97	8.33	6.81	7.57	8.54	9.32		
Artesian Res Corp	ARTNA	Retained To Common Equity	2.12	1.39	2.07	2.04	0.49	2.54	0.9	1.58	2.64	3.43		
Artesian Res Corp	ARTNA	All Dividends To Net Profit	71.13	80.91	74.07	74.5	91.77	69.57	86.82	79.14	69.09	63.15		
Artesian Res Corp	ARTNA	Employees	209	245	247	238	230	234	239	237	231	225		
Artesian Res Corp	ARTNA	Net Profit	6.26	6.42	7.26	7.62	6.75	9.85	8.3	9.51	11.31	12.95		
Artesian Res Corp	ARTNA	Income Tax Rate	39.76	40.82	40.09	40.01	40.83	40.19	40.23	40.14				
Artesian Res Corp	ARTNA	Earnings Before Extras	6.26	6.42	7.26	7.62	6.75	9.85	8.3	9.51	11.31	12.95		
Artesian Res Corp	ARTNA	Earnings per shr	0.9	0.86	0.97	1	0.83	1.13	0.94	1.07	1.26	1.41		
Artesian Res Corp	ARTNA	Long Term Debt	91.76	107.56	106.03	105.06	106.54	106.26	105.51	104.95	103.65	102.33		
Artesian Res Corp	ARTNA	Total Loans												
Artesian Res Corp	ARTNA	Total Assets	294.59	348.71	358.89	371.53	378.74	391.71	403.83	422.21	431.63	450.98		
Artesian Res Corp	ARTNA	Preferred Dividends												
Artesian Res Corp	ARTNA	Common Dividends	4.45	5.19	5.38	5.68	6.19	6.85	7.21	7.52	7.81	8.18		
Artesian Res Corp	ARTNA	Common Shareholder Equity	85.13	87.79	91.17	95.15	113	118.18	121.84	125.61	132.33	139.02		
Artesian Res Corp	ARTNA	Book Value per shr	11.66	11.86	12.15	12.44	13.12	13.57	13.8	14.09	14.61	15.23		
Artesian Res Corp	ARTNA	Shareholder Equity	85.13	87.79	91.17	95.15	113	118.18	121.84	125.61	132.33	139.02		
Artesian Res Corp	ARTNA	Preferred Equity												
Artesian Res Corp	ARTNA	Common Shares Outstanding	7.3	7.4	7.51	7.65	8.61	8.71	8.83	8.91	9.06	9.13		
Artesian Res Corp	ARTNA	Average Shares Outstanding	6.79	7.35	7.45	7.56	8.12	8.67	8.77	8.88	8.96	9.1		
		ROE	7.35%	7.31%	7.96%	8.01%	5.97%	8.33%	6.81%	7.57%	8.55%	9.32%		
		Operating Income (EBIT)	18.77	19.53	21.98	23.14	22.21	26.42	24.19	26.71	24.25	25.91		
		Operating Margin (EBIT)	35.74%	34.76%	36.08%	35.66%	34.13%	37.44%	35.02%	36.86%	31.48%	32.76%		
Artesian Res Corp	ARTNA	Beta	0.45	0.5	0.55	0.6	0.5	0.55	0.6	0.6	0.55	0.55	0.65	
Artesian Res Corp	ARTNA	Alpha	0.15	-0.01	0.01	-0.04	-0.01	0.07	0.1	0.04	0.02	0.19	0.15	
Artesian Res Corp	ARTNA	Std Dev	0.32	0.33	0.3	0.3	0.31	0.31	0.34	0.37	0.36	0.42	0.5	
California Water	CWT	Price	19.543	18.778	19.194	18.367	18.298	18.236	20.528	23.432	23.287	29.946		
California Water	CWT	Revenues	367.082	410.312	449.372	460.399	501.814	559.966	584.103	597.499	588.368	609.37	660	685
California Water	CWT	Operating Income	100.18	119.32	122.71	127.71	140.58	147.87	151.42	169.79	156.96	164.6		
California Water	CWT	Operating Margin	27.29	29.08	27.31	27.74	28.01	26.41	25.92	28.42	26.68	27.01		
California Water	CWT	Net Profit Margin	8.49	9.7	9.02	8.18	7.2	7.61	8.09	9.5	7.65	7.99		
California Water	CWT	Depreciation	33.56	37.34	39.78	42.83	50.38	54.67	58.32	61.22	61.28	63.6		
California Water	CWT	Working Capital	-9.68	-43.4	-18.12	18.86	-37.99	-96.5	-27.09	-63.58	-20.88	-108.16		
California Water	CWT	Cashflow per shr	1.56	1.86	1.93	1.93	2.07	2.32	2.21	2.47	2.22	2.34	2.7	2.9
California Water	CWT	Dividends Declared per shr	0.58	0.58	0.59	0.6	0.62	0.63	0.64	0.65	0.67	0.69	0.72	0.75
California Water	CWT	Capital Spending per shr	1.84	2.41	2.66	2.97	2.83	3.04	2.58	2.76	3.69	4.77	3.85	3.65
California Water	CWT	Revenues per shr	8.88	9.9	10.82	11.05	12	13.34	12.23	12.5	12.29	12.7	13.7	14.1
California Water	CWT	Avg Annual PE Ratio	26.06	19.77	19.69	20.3	21.28	17.88	20.13	19.69	24.77	29.65		
California Water	CWT	Relative PE Ratio	1.38	1.19	1.31	1.29	1.34	1.14	1.13	1.04	1.25	1.56		
California Water	CWT	Avg Annual Dividend	2.97	3.12	3.07	3.24	3.36	3.45	3.12	2.77	2.88	2.3		
California Water	CWT	Return Total Capital	5.95	7.13	6.5	5.51	5.48	6.33	5.98	6.33	5.16	5.49	6.5	7
California Water	CWT	Return Shareholders Equity	8.08	9.88	9.64	8.65	8.03	9	7.89	9.06	7.01	7.38	10	10.5
California Water	CWT	Retained To Common Equity	1.84	3.84	3.82	2.96	2.32	3.43	3.45	4.1	2.02	2.37	4.5	5.5
California Water	CWT	All Dividends To Net Profit	77.42	61.17	60.35	65.74	71.1	61.9	56.33	54.75	71.23	67.96	51	49
California Water	CWT	Employees	891	929	1013	1127	1132	1161	1125	1105	1155	1163		
California Water	CWT	Net Profit	31.16	39.81	40.55	37.66	36.11	42.63	47.25	56.74	45.02	48.67	68	75
California Water	CWT	Income Tax Rate	39.94	37.74	40.29	39.47	40.54	37.48	30.27	33.02	35.97	35.52	35	21
California Water	CWT	Earnings Before Extras	31.16	39.81	40.55	37.66	37.71	48.83	47.25	56.74	45.02	48.67		
California Water	CWT	Earnings per shr	0.75	0.95	0.98	0.9	0.86	1.02	1.02	1.19	0.94	1.01	1.4	1.55
California Water	CWT	Long Term Debt	289.2	287.5	374.27	479.18	481.63	434.47	426.14	419.23	512.29	531.74		
California Water	CWT	Total Loans												
California Water	CWT	Total Assets	1184.5	1418.11	1525.58	1692.07	1854.59	1995.92	1959.85	2187.35	2246.09	2411.75		
California Water	CWT	Preferred Dividends	0.15											
California Water	CWT	Common Dividends	23.97	24.35	24.48	24.75	25.67	26.39	26.62	31.06	32.07	33.08		
California Water	CWT	Common Shareholder Equity	382.23	402.95	420.63	435.53	449.83	473.71	598.76	626.63	642.16	659.47	14.3	14.75
California Water	CWT	Book Value per shr	9.25	9.72	10.13	10.45	10.76	11.28	12.54	13.11	13.41	13.75		
California Water	CWT	Shareholder Equity	385.71	402.95	420.63	435.53	449.83	473.71	598.76	626.63	642.16	659.47		
California Water	CWT	Preferred Equity	3.47											
California Water	CWT	Common Shares Outstanding	41.33	41.45	41.53	41.67	41.82	41.98	47.74	47.81	47.88	47.97	48.25	48.5
California Water	CWT	Average Shares Outstanding	41.33	41.42	41.49	41.61	41.76	41.89	46.38	47.79	47.87	47.95		
		ROE	8.15%	9.88%	9.64%	8.65%	8.03%	9.00%	7.89%	9.05%	7.01%	7.38%		
		Operating Income (EBIT)	66.62	81.98	82.93	84.88	90.2	93.2	93.1	108.57	95.88	101		
		Operating Margin (EBIT)	18.15%	19.98%	18.45%	18.44%	17.97%	16.64%	15.94%	18.17%	16.25%	16.57%		
California Water	CWT	Beta	0.95	1.1	0.75	0.75	0.7	0.65	0.65	0.7	0.75	0.75	0.8	
California Water	CWT	Alpha	-0.01	-0.02	0.12	-0.02	0	0.03	0.02	-0.04	0.01	0.15	0.18	
California Water	CWT	Std Dev	0.82	0.88	0.72	0.67	0.62	0.54	0.49	0.55	0.59	0.64	0.75	
Conn Water Services	CTWS	Price	24.151	24.606	21.902	23.356	25.985	29.659	30.489	33.641	35.857	48.433		
Conn Water Services	CTWS	Revenues	59.03	61.27	59.391	66.408	69.402	83.838	91.481	94.02	96.041	98.667	106	117
Conn Water Services	CTWS	Operating Income	24.07	30.03	21.26	27.05	37.55	43.51	36.73	40.54	38.69	44.68		
Conn Water Services	CTWS	Operating Margin	40.78	49.02	35.79	40.74	54.11	51.9	42.33	43.12	40.29	45.28		
Conn Water Services	CTWS	Net Profit Margin	14.87	15.38	17.19	14.75	14.24	16.27	19.97	22.67	23.7	23.7		
Conn Water Services	CTWS	Depreciation	7.17	7.08	6.4	7.89	8.59	9.78	10.79	11.78	12.87	13.9		
Conn Water Services	CTWS	Working Capital	8.06	-3.29	-13.09	-14.67	-11.55	20.49	24.17	12.55	-9.91	-25.76		
Conn Water Services	CTWS	Cashflow per shr	1.9	1.95	1.93	2.04	2.11	2.64	2.63	2.97	3.18	3.31	3.35	3.55
Conn Water Services	CTWS	Dividends Declared per shr	0.87	0.88	0.9	0.92	0.94	0.96						

Conn Water Services	CTWS	Book Value per shr	11 95	12 23	12 67	13 05	13 5	20 95	17 92	18 83	20 01	20 98	24 4	24 5
Conn Water Services	CTWS	Shareholder Equity	100 87	104 25	109 34	113 96	118 96	186 12	198 52	210 23	224 75	236 8		
Conn Water Services	CTWS	Preferred Equity	0 77	0 71	0 71	0 77	0 79	0 77	0 77	0 77	0 79	0 79		
Conn Water Services	CTWS	Common Shares Outstanding	8 38	8 46	8 57	8 68	8 76	8 85	11 04	11 13	11 19	11 25	12 1	12 25
Conn Water Services	CTWS	Average Shares Outstanding	8 27	8 38	8 45	8 53	8 61	8 76	10 83	10 89	10 96	11 01		
		ROE	8 73%	9 06%	9 36%	8 66%	8 34%	7 34%	9 22%	10 16%	10 14%	9 89%		
		Operating Income (EBIT)	16 9	22 95	14 86	19 16	28 96	33 73	27 94	28 76	25 82	30 78		
		Operating Margin (EBIT)	28 83%	37 46%	25 02%	28 85%	41 73%	40 23%	30 54%	30 59%	26 88%	31 20%		
Conn Water Services	CTWS	Beta	0 85	0 8	0 85	0 8	0 8	0 75	0 75	0 65	0 65	0 6	0 65	
Conn Water Services	CTWS	Alpha	-0 21	-0 14	-0 05	-0 03	0 06	0 12	0 01	0 07	0 1	0 18	0 18	
Conn Water Services	CTWS	Std Dev	0 39	0 39	0 4	0 39	0 38	0 41	0 61	0 66	0 69	0 66	0 67	
Consolidated Water	CWCO	Pnce	27 958	18 895	14 083	11 553	9 405	7 945	11 613	11 881	11 573	12 098		
Consolidated Water	CWCO	Revenues	49 15	65 679	58 02	50 709	55 154	65 451	63 822	65 559	57 116	57 876	64	66
Consolidated Water	CWCO	Operating Income	15 13	16 43	19 29	11 7	11 37	15 18	13 13	11 98	14 67	12 06		
Consolidated Water	CWCO	Operating Margin	30 78	25 01	33 25	23 08	20 61	23 19	20 58	18 28	25 68	20 83		
Consolidated Water	CWCO	Net Profit Margin	23 17	10 98	18 54	12 41	11 08	14 23	13 47	9 56	13 16	6 84		
Consolidated Water	CWCO	Depreciation	5 92	6 58	6 4	6 28	6	7 73	5 47	5 52	5 66	10 23		
Consolidated Water	CWCO	Working Capital	48 17	44 46	50 49	56 83	44 03	52 58	44 01	43 31	52 23	54 19		
Consolidated Water	CWCO	Cashflow per shr	1 2	0 95	1 18	0 86	0 83	1 17	0 96	0 8	0 89	0 95	0 75	0 95
Consolidated Water	CWCO	Dividends Declared per shr	0 19	0 32	0 28	0 3	0 3	0 3	0 3	0 3	0 3	0 3	0 31	0 34
Consolidated Water	CWCO	Capital Spending per shr	0 54	0 46	0 18	0 09	0 96	0 31	0 29	0 32	0 21	0 23	0 1	0 25
Consolidated Water	CWCO	Revenues per shr	3 41	4 52	3 99	3 49	3 79	4 49	4 35	4 45	3 86	3 89	4 25	4 4
Consolidated Water	CWCO	Avg Annual PE Ratio	35 39	37 79	19 03	26 87	22 39	12 41	20 02	28 29	22 69	44 81		
Consolidated Water	CWCO	Relative PE Ratio	1 88	2 27	1 27	1 71	1 4	0 79	1 13	1 49	1 14	2 35		
Consolidated Water	CWCO	Avg Annual Dividend	0 7	1 72	1 99	2 6	3 19	3 78	2 58	2 53	2 59	2 48		
Consolidated Water	CWCO	Return Total Capital	8 75	5 67	8 07	4 95	5 02	7	6 19	4 44	5 18	2 72	5 5	7
Consolidated Water	CWCO	Return Shareholders Equity	9 62	5 93	8 67	4 98	4 75	6 94	6 19	4 44	5 18	2 72	5 5	7
Consolidated Water	CWCO	Retained To Common Equity	6 48	2 82	4 64	1 52	0 98	3 63	3 03	1 19	2 13	-0 33	2 5	2 5
Consolidated Water	CWCO	All Dividends To Net Profit	32 68	52 4	46 46	69 42	79 36	47 77	51 18	73 15	58 91	112 24	56	49
Consolidated Water	CWCO	Employees	96	124	120	113	123	124	123	119	127	117		
Consolidated Water	CWCO	Net Profit	11 39	7 21	10 76	6 29	6 11	9 32	8 6	6 26	7 52	3 96	8	10 5
Consolidated Water	CWCO	Income Tax Rate												
Consolidated Water	CWCO	Earnings Before Extras	11 39	7 21	6 1	6 29	6 11	9 32	8 6	6 26	7 52	3 96		
Consolidated Water	CWCO	Earnings per shr	0 79	0 5	0 74	0 43	0 42	0 64	0 58	0 42	0 51	0 27	0 55	0 7
Consolidated Water	CWCO	Long Term Debt	22 36	21 13	19 81	16 88	6 85	5 2						
Consolidated Water	CWCO	Total Loans												
Consolidated Water	CWCO	Total Assets	149 33	154 66	154 48	152 2	160 86	150 45	165 37	160 46	161 62	163 6		
Consolidated Water	CWCO	Preferred Dividends	0	0	0	0	0 01	0 01	0 01	0 01	0 01	0 01		
Consolidated Water	CWCO	Common Dividends	3 72	3 77	5	4 36	4 84	4 44	4 39	4 57	4 42	4 43		
Consolidated Water	CWCO	Common Shareholder Equity	118 33	121 52	124 08	126 37	128 71	134 19	138 68	140 93	145 02	145 58		
Consolidated Water	CWCO	Book Value per shr	8 22	8 36	8 53	8 69	8 84	9 19	9 44	9 58	9 81	9 79	10	10 35
Consolidated Water	CWCO	Shareholder Equity	118 34	121 53	124 09	126 38	128 73	134 21	138 9	141 15	145 04	145 6		
Consolidated Water	CWCO	Preferred Equity	0 01	0 01	0 01	0 01	0 01	0 02	0 22	0 22	0 02	0 02		
Consolidated Water	CWCO	Common Shares Outstanding	14 4	14 53	14 54	14 55	14 57	14 59	14 69	14 72	14 78	14 87	15	15
Consolidated Water	CWCO	Average Shares Outstanding	14 41	14 52	14 53	14 55	14 56	14 58	14 63	14 7	14 74	14 81		
		ROE	9 63%	5 93%	8 67%	4 98%	4 74%	6 94%	6 19%	4 43%	5 18%	2 71%		
		Operating Income (EBIT)	9 21	9 85	12 89	5 42	5 37	7 45	7 66	6 46	9 01	1 83		
		Operating Margin (EBIT)	18 74%	15 00%	22 22%	10 69%	9 74%	11 38%	12 00%	9 85%	15 77%	3 16%		
Consolidated Water	CWCO	Beta	0 8	0 95	1 25	1 2	1 15	1 1	1 15	0 85	0 8	0 95	1	
Consolidated Water	CWCO	Alpha	0 49	0 25	0 13	-0 17	-0 42	-0 43	-0 28	-0 39	-0 03	0 03	0 02	
Consolidated Water	CWCO	Std Dev	0 62	0 77	0 86	0 86	0 88	0 86	0 81	1 21	1 29	1 23	1 28	
Global Water Resources Inc	GWRG	Pnce											7 993	
Global Water Resources Inc	GWRG	Revenues											29 799	
Global Water Resources Inc	GWRG	Operating Income											11 55	
Global Water Resources Inc	GWRG	Operating Margin											38 76	
Global Water Resources Inc	GWRG	Net Profit Margin											-9 57	
Global Water Resources Inc	GWRG	Depreciation											6 28	
Global Water Resources Inc	GWRG	Working Capital											13 84	
Global Water Resources Inc	GWRG	Cashflow per shr											0 17	
Global Water Resources Inc	GWRG	Dividends Declared per shr											0 17	
Global Water Resources Inc	GWRG	Capital Spending per shr											0 44	
Global Water Resources Inc	GWRG	Revenues per shr											1 52	
Global Water Resources Inc	GWRG	Avg Annual PE Ratio												
Global Water Resources Inc	GWRG	Relative PE Ratio												
Global Water Resources Inc	GWRG	Avg Annual Dividend											2 15	
Global Water Resources Inc	GWRG	Return Total Capital											2 38	
Global Water Resources Inc	GWRG	Return Shareholders Equity												
Global Water Resources Inc	GWRG	Retained To Common Equity											-51 92	
Global Water Resources Inc	GWRG	All Dividends To Net Profit											-176 58	
Global Water Resources Inc	GWRG	Employees											43	
Global Water Resources Inc	GWRG	Net Profit											-2 85	
Global Water Resources Inc	GWRG	Income Tax Rate											34 3	
Global Water Resources Inc	GWRG	Earnings Before Extras											-2 85	
Global Water Resources Inc	GWRG	Earnings per shr											-0 15	
Global Water Resources Inc	GWRG	Long Term Debt											114 32	
Global Water Resources Inc	GWRG	Total Loans												
Global Water Resources Inc	GWRG	Total Assets											238 82	
Global Water Resources Inc	GWRG	Preferred Dividends												
Global Water Resources Inc	GWRG	Common Dividends											5 04	
Global Water Resources Inc	GWRG	Common Shareholder Equity											15 19	
Global Water Resources Inc	GWRG	Book Value per shr											0 78	
Global Water Resources Inc	GWRG	Shareholder Equity											15 19	
Global Water Resources Inc	GWRG	Preferred Equity												
Global Water Resources Inc	GWRG	Common Shares Outstanding											19 58	
Global Water Resources Inc	GWRG	Average Shares Outstanding											19 15	
		ROE	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	-18 78%	
		Operating Income (EBIT)	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	5 27	
		Operating Margin (EBIT)	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	17 69%	
Global Water Resources Inc	GWRG	Beta												
Global Water Resources Inc	GWRG	Alpha												
Global Water Resources Inc	GWRG	Std Dev												
Middlesex Water	MSEX	Pnce	18 782	17 621	15 132	17 097	18 25	18 746	20 295	20 89	23 314	35 39		
Middlesex Water	MSEX	Revenues	88 114	91 038	91 243	102 735	102 069	110 379	114 846	117 139	126 025	132 906	134	143
Middlesex Water	MSEX	Operating Income	40 51	42 72	38 9	47 97	45 44	49 92	54 1	58 01	60 86	67 37		
Middlesex Water	MSEX	Operating Margin	47 04	46 92	42 63	46 69	44 51	45 23	47 1	49 52	48 29	50 69		
Middlesex Water	MSEX	Net Profit Margin	13 75	13 41	10 94	13 95	13 17	13 04	14 48	15 75	15 89	17 11		
Middlesex Water	MSEX	Depreciation	8 18	8 53	9 22	9 96	9 75	10 41	10 99	11 44	12 05	12 8		
Middlesex Water	MSEX	Working Capital	-9 58	-40 89	-38 62	-17 98	-23 81	-31 32	-26 84	-21 01	-3 91	-20 34		
Middlesex Water	MSEX	Cashflow per shr	1 49	1 53	1 4	1 55	1 46	1 55	1 72	1 84	1 97	2 17	2 25	2 55
Middlesex Water	MSEX	Dividends Declared per shr	0 69	0 7	0 71	0 72	0 73	0 74	0 75	0 76	0 78	0 81	0 86	0 91
Middlesex Water	MSEX	Capital Spending per shr	1 66	2 12	1 49	1 9	1 5	1 36	1 26	1 4	1 59	2 91	1 8	1 9
Middlesex Water	MSEX	Revenues per shr	6 5	6 79	6 75	6 6	6 5	6 98	7 2	7 26	7 77	8 16	8 1	8 55
Middlesex Water	MSEX	Avg Annual PE Ratio	21 59	19 8	21 02	17 81	21 73	20 83	19 7	18 49	19 11	25 65		
Middlesex Water	MSEX	Relative PE Ratio	1 15	1 19	1 4	1 13	1 36	1 33	1 11	0 97	0 98	1 35		
Middlesex Water	MSEX	Avg Annual Dividend	3 69	3 99	4 71	4 23	4 02	3 96	3 71	3 65	3 33	2 28		
Middlesex Water	MSEX	Return Total Capital	5 58	5 85	4 98	5 75	5 21	5 45	5 95	6 33	6 6	7 14		
Middlesex Water	MSEX	Return Shareholders Equity	8 64	8 65	6 98	8 11	7 46	7 78	8 68	9 23	9 58	10 3	10	11 5
Middlesex Water	MSEX	Retained To Common Equity	1 84	1 96	0 13	2 09	1 02	1 38	2 38	3 07	3 55	4 33	4	5
Middlesex Water	MSEX	All Dividends To Net Profit	79 28	78 4	98 13									

[illegible]

York Water Co (The)	YORW	Net Profit	6 41	6 43	7 51	8 93	9 08	9 3	9 65	11 48	12 49	11 85	13 5	14 5
York Water Co (The)	YORW	Income Tax Rate	36 53	36 07	37 87	38 45	35 31	37 6	37 58	29 81	27 51	31 35	24	21
York Water Co (The)	YORW	Earnings Before Extras	6 41	6 43	7 51	8 93	9 08	9 3	9 65	11 48	12 49	11 85		
York Water Co (The)	YORW	Earnings per shr	0 57	0 57	0 64	0 71	0 71	0 72	0 75	0 89	0 97	0 92	1 05	1 15
York Water Co (The)	YORW	Long Term Debt	58 47	83 61	73 23	85 13	84 97	84 93	84 89	84 84	87 26	84 61		
York Water Co (The)	YORW	Total Loans												
York Water Co (The)	YORW	Total Assets	210 97	240 44	248 84	259 93	274 22	282 49	282 53	304 34	313 49	320 49		
York Water Co (The)	YORW	Preferred Dividends												
York Water Co (The)	YORW	Common Dividends	5 28	5 46	5 85	6 46	6 67	6 86	7 16	7 4	7 68	7 96		
York Water Co (The)	YORW	Common Shareholder Equity	67 27	69 77	86 92	91 26	95 26	99 82	103 51	104 56	109 07	114 06		
York Water Co (The)	YORW	Book Value per shr	5 97	6 14	6 92	7 19	7 45	7 73	7 97	8 15	8 51	8 88	9 3	9 55
York Water Co (The)	YORW	Shareholder Equity	67 27	69 77	86 92	91 26	95 26	99 82	103 51	104 56	109 07	114 06		
York Water Co (The)	YORW	Preferred Equity												
York Water Co (The)	YORW	Common Shares Outstanding	11 27	11 37	12 56	12 69	12 79	12 92	12 98	12 83	12 81	12 85	12 9	12 75
York Water Co (The)	YORW	Average Shares Outstanding	11 23	11 3	12 56	12 63	12 73	12 85	12 93	12 9	12 83	12 85		
		ROE	9 53%	9 22%	8 64%	9 79%	9 53%	9 32%	9 32%	10 98%	11 45%	10 39%		
		Operating Income (EBIT)	15 1	15 78	18 47	20 93	21 08	21 75	21 89	23 19	23 79	24		
		Operating Margin (EBIT)	48 04%	48 05%	49 86%	53 66%	51 88%	52 48%	51 65%	50 52%	50 52%	50 44%		
York Water Co (The)	YORW	Beta	0 55	0 5	0 65	0 7	0 7	0 65	0 7	0 7	0 75	0 7	0 8	
York Water Co (The)	YORW	Alpha	0 14	0 05	0 16	-0 03	0	0 03	0 13	-0 04	0 06	0 15	0 15	
York Water Co (The)	YORW	Std Dev	0 5	0 41	0 41	0 42	0 41	0 39	0 6	0 66	0 71	0 72	0 91	

cticker	ddate	ctype	nsplit	nsfactor	nopen	nhigh	nlow	nclose	nsclose	ndividend	nvolume	nadjfactor	nadjclose	nyadjclose		
AWR	12/29/2017	P	0	1	57 97	58 44	57 62	57 91	57 91	0	178900	1	57 91	57 91	13 28	29 68%
AWR	12/28/2017	P	0	1	57 35	57 99	57 12	57 78	57 78	0	161200	1	57 78	57 78		
AWR	12/27/2017	P	0	1	56 81	58 1	56 69	57 29	57 29	0	153800	1	57 29	57 29		
AWR	12/26/2017	P	0	1	56 23	57 05	56 23	56 61	56 61	0	156900	1	56 61	56 61		
AWR	12/22/2017	P	0	1	55 85	56 19	55 09	56 1	56 1	0	123400	1	56 1	56 1		
AWR	12/21/2017	P	0	1	55 08	55 99	54 8	55 62	55 62	0	126100	1	55 62	55 62		
AWR	12/20/2017	P	0	1	54 67	56 21	54 48	55 12	55 12	0	252400	1	55 12	55 12		
AWR	12/19/2017	P	0	1	55 68	56 03	54 46	54 56	54 56	0	181300	1	54 56	54 56		
AWR	12/18/2017	P	0	1	55 65	56 59	55 15	55 62	55 62	0	235500	1	55 62	55 62		
AWR	12/15/2017	P	0	1	55 36	57 17	55 27	56 68	56 68	0	514200	1	56 68	56 68		
AWR	12/14/2017	P	0	1	54 97	55 81	54 58	54 97	54 97	0	225000	1	54 97	54 97		
AWR	12/13/2017	P	0	1	55 08	55 5	54 92	55 08	55 08	0	265000	1	55 08	55 08		
AWR	12/12/2017	P	0	1	55 68	56 25	54 97	55 02	55 02	0	241600	1	55 02	55 02		
AWR	12/11/2017	P	0	1	56 3	56 31	55 34	55 69	55 69	0	205700	1	55 69	55 69		
AWR	12/8/2017	P	0	1	56 47	56 59	56 14	56 27	56 27	0	141900	1	56 27	56 27		
AWR	12/7/2017	P	0	1	56 18	56 52	55 54	56 44	56 44	0	124900	1	56 44	56 44		
AWR	12/6/2017	P	0	1	56	56 65	55 85	56 21	56 21	0	91600	1	56 21	56 21		
AWR	12/5/2017	P	0	1	57 24	57 24	55 77	55 99	55 99	0	150500	1	55 99	55 99		
AWR	12/4/2017	P	0	1	57 43	57 92	56 92	57 27	57 27	0	188700	1	57 27	57 27		
AWR	12/1/2017	P	0	1	57 86	57 86	55 88	57 12	57 12	0	191600	1	57 12	57 12		
AWR	11/30/2017	P	0	1	57 56	58 11	57 22	57 69	57 69	0	141000	1	57 69	57 69		
AWR	11/29/2017	P	0	1	56 64	57 59	56 64	57 37	57 37	0	211100	1	57 37	57 37		
AWR	11/28/2017	P	0	1	56 3	56 73	55 87	56 67	56 67	0	210600	1	56 67	56 67		
AWR	11/27/2017	P	0	1	56	56 45	55 84	55 91	55 91	0	90600	1	55 91	55 91		
AWR	11/24/2017	P	0	1	56 3	56 3	55 54	55 85	55 85	0	51500	1	55 85	55 85		
AWR	11/22/2017	P	0	1	56 3	56 54	55 75	56 18	56 18	0	165000	1	56 18	56 18		
AWR	11/21/2017	P	0	1	55 42	56 66	55	56 31	56 31	0	281500	1	56 31	56 31		
AWR	11/20/2017	P	0	1	55 57	55 57	54 4	55 16	55 16	0	240400	1	55 16	55 16		
AWR	11/17/2017	P	0	1	54 5	55 47	53 93	55 37	55 37	0	174200	1	55 37	55 37		
AWR	11/16/2017	P	0	1	54 53	55 14	54 43	54 84	54 84	0	186000	1	54 84	54 84		
AWR	11/15/2017	P	0	1	54 8	55 6	54 44	54 51	54 51	0	286500	1	54 51	54 51		
AWR	11/14/2017	P	0	1	53 95	54 99	53 92	54 82	54 82	0 255	103400	1	54 82	54 82		
AWR	11/13/2017	P	0	1	52 93	54 39	52 75	54 12	54 12	0	121100 0 995348	1	53 87	53 87		
AWR	11/10/2017	P	0	1	53 62	53 63	52 79	52 94	52 94	0	137400 0 995348	1	52 69	52 69		
AWR	11/9/2017	P	0	1	53 9	54 25	53 35	53 67	53 67	0	144600 0 995348	1	53 42	53 42		
AWR	11/8/2017	P	0	1	53 28	54 12	52 7	53 95	53 95	0	142200 0 995348	1	53 7	53 7		
AWR	11/7/2017	P	0	1	52 26	54 31	52	53 44	53 44	0	133200 0 995348	1	53 19	53 19		
AWR	11/6/2017	P	0	1	54	54 3	53 78	53 99	53 99	0	125800 0 995348	1	53 74	53 74		
AWR	11/3/2017	P	0	1	53 71	54 58	53 64	53 8	53 8	0	121400 0 995348	1	53 55	53 55		
AWR	11/2/2017	P	0	1	53 62	54 49	53 44	54 11	54 11	0	109100 0 995348	1	53 86	53 86		
AWR	11/1/2017	P	0	1	53 88	54 32	53 44	53 62	53 62	0	132100 0 995348	1	53 37	53 37		
AWR	10/31/2017	P	0	1	53 93	54 17	53 47	53 75	53 75	0	187300 0 995348	1	53 5	53 5		
AWR	10/30/2017	P	0	1	54 72	54 77	53 51	53 74	53 74	0	109200 0 995348	1	53 49	53 49		
AWR	10/27/2017	P	0	1	54 27	54 96	54 25	54 75	54 75	0	209300 0 995348	1	54 5	54 49		
AWR	10/26/2017	P	0	1	54 02	54 51	53 96	54 2	54 2	0	116000 0 995348	1	53 95	53 94		
AWR	10/25/2017	P	0	1	53 53	54 1	52 76	53 88	53 88	0	243900 0 995348	1	53 63	53 63		
AWR	10/24/2017	P	0	1	54 93	55 2	53 54	53 96	53 96	0	245100 0 995348	1	53 71	53 71		
AWR	10/23/2017	P	0	1	55 64	55 82	55 01	55 1	55 1	0	131200 0 995348	1	54 84	54 84		
AWR	10/20/2017	P	0	1	55 91	56 31	55 07	55 61	55 61	0	167200 0 995348	1	55 35	55 35		
AWR	10/19/2017	P	0	1	54 99	55 86	54 6	55 85	55 85	0	116700 0 995348	1	55 59	55 59		
AWR	10/18/2017	P	0	1	54 29	55 34	54 27	55 03	55 03	0	108300 0 995348	1	54 77	54 77		
AWR	10/17/2017	P	0	1	53 64	54 88	53 64	54 28	54 28	0	126400 0 995348	1	54 03	54 02		
AWR	10/16/2017	P	0	1	52 8	53 61	52 68	53 52	53 52	0	124500 0 995348	1	53 27	53 27		
AWR	10/13/2017	P	0	1	53 26	53 99	52 64	52 81	52 81	0	168900 0 995348	1	52 56	52 56		
AWR	10/12/2017	P	0	1	52 94	53 3	52 31	53	53	0	155100 0 995348	1	52 75	52 75		
AWR	10/11/2017	P	0	1	52 62	53 4	52 57	52 83	52 83	0	124100 0 995348	1	52 58	52 58		
AWR	10/10/2017	P	0	1	52 05	52 77	52	52 56	52 56	0	148900 0 995348	1	52 32	52 31		
AWR	10/9/2017	P	0	1	52 02	52 46	51 86	51 95	51 95	0	138300 0 995348	1	51 71	51 71		
AWR	10/6/2017	P	0	1	51 71	52 1	51 54	51 8	51 8	0	116200 0 995348	1	51 56	51 56		
AWR	10/5/2017	P	0	1	51 72	52 22	51 43	51 94	51 94	0	115100 0 995348	1	51 7	51 7		
AWR	10/4/2017	P	0	1	51 11	51 98	50 92	51 62	51 62	0	152100 0 995348	1	51 38	51 38		
AWR	10/3/2017	P	0	1	50 5	51 48	50 33	51 11	51 11	0	225600 0 995348	1	50 87	50 87		
AWR	10/2/2017	P	0	1	49 61	50 5	49 55	50 4	50 4	0	212600 0 995348	1	50 17	50 16		
AWR	9/29/2017	P	0	1	49 61	49 61	48 21	49 25	49 25	0	229500 0 995348	1	49 02	49 02		
AWR	9/28/2017	P	0	1	48 12	49 6	48 12	49 54	49 54	0	305700 0 995348	1	49 31	49 31		
AWR	9/27/2017	P	0	1	50 52	50 52	47 53	48 15	48 15	0	990000 0 995348	1	47 93	47 92		
AWR	9/26/2017	P	0	1	51 48	51 68	50 14	50 68	50 68	0	237900 0 995348	1	50 44	50 44		
AWR	9/25/2017	P	0	1	51 3	51 69	50 88	51 48	51 48	0	167800 0 995348	1	51 24	51 24		
AWR	9/22/2017	P	0	1	51 3	51 65	50 95	51 29	51 29	0	93500 0 995348	1	51 05	51 05		
AWR	9/21/2017	P	0	1	51 24	51 78	51 08	51 15	51 15	0	85100 0 995348	1	50 91	50 91		
AWR	9/20/2017	P	0	1	50 96	51 56	50 79	51 19	51 19	0	250200 0 995348	1	50 95	50 95		
AWR	9/19/2017	P	0	1	50 77	51 22	50 57	50 93	50 93	0	115500 0 995348	1	50 69	50 69		
AWR	9/18/2017	P	0	1	50 45	50 78	50 38	50 74	50 74	0	85400 0 995348	1	50 5	50 5		
AWR	9/15/2017	P	0	1	50 74	51 07	50 18	50 63	50 63	0	300300 0 995348	1	50 39	50 39		
AWR	9/14/2017	P	0	1	49 92	50 52	49 67	50 52	50 52	0	88600 0 995348	1	50 28	50 28		
AWR	9/13/2017	P	0	1	49 71	50 35	49 71	49 84	49 84	0	78100 0 995348	1	49 61	49 61		
AWR	9/12/2017	P	0	1	51 54	51 54	49 49	49 67	49 67	0	121300 0 995348	1	49 44	49 44		
AWR	9/11/2017	P	0	1	50 61	51 66	50 61	51 53	51 53	0	118800 0 995348	1	51 29	51 29		
AWR	9/8/2017	P	0	1	50	50 61	49 02	50 44	50 44	0	128900 0 995348	1	50 21	50 2		
AWR	9/7/2017	P	0	1	49 53	50 19	49 36	50 16	50 16	0	108200 0 995348	1	49 93	49 92		
AWR	9/6/2017	P	0	1	49 68	49 92	48 7	49 53	49 53	0	147500 0 995348	1	49 3	49 3		
AWR	9/5/2017	P	0	1	48 87	49 7	48 87	49 49	49 49							

AWR	8/3/2017 P	0	1	46 87	50 18	46 87	49 81	49 81	0	209900	0 990242	49 32	49 33
AWR	8/2/2017 P	0	1	50 12	50 74	48 64	48 79	48 79	0	170100	0 990242	48 31	48 32
AWR	8/1/2017 P	0	1	49 43	50 09	49 3	50 03	50 03	0	63300	0 990242	49 54	49 55
AWR	7/31/2017 P	0	1	49 79	50	49 36	49 45	49 45	0	86100	0 990242	48 97	48 97
AWR	7/28/2017 P	0	1	48 9	49 87	48 78	49 71	49 71	0	82000	0 990242	49 22	49 23
AWR	7/27/2017 P	0	1	49 95	50 14	48 59	49 06	49 06	0	125900	0 990242	48 58	48 59
AWR	7/26/2017 P	0	1	49 03	50 13	49 02	49 95	49 95	0	210700	0 990242	49 46	49 47
AWR	7/25/2017 P	0	1	48 7	49 41	48 54	49 2	49 2	0	106800	0 990242	48 72	48 73
AWR	7/24/2017 P	0	1	49 49	49 67	48 35	48 58	48 58	0	125200	0 990242	48 11	48 11
AWR	7/21/2017 P	0	1	49 76	49 87	48 9	49 69	49 69	0	111700	0 990242	49 21	49 21
AWR	7/20/2017 P	0	1	48 11	49 06	48 11	48 94	48 94	0	159000	0 990242	48 46	48 47
AWR	7/19/2017 P	0	1	47 69	48 09	47 61	48 09	48 09	0	67200	0 990242	47 62	47 63
AWR	7/18/2017 P	0	1	46 91	47 58	46 8	47 57	47 57	0	55600	0 990242	47 11	47 11
AWR	7/17/2017 P	0	1	46 72	47 12	46 64	47 04	47 04	0	96400	0 990242	46 58	46 59
AWR	7/14/2017 P	0	1	46 94	47 4	46 64	46 73	46 73	0	120500	0 990242	46 27	46 28
AWR	7/13/2017 P	0	1	47 56	47 56	46 62	46 95	46 95	0	81600	0 990242	46 49	46 5
AWR	7/12/2017 P	0	1	47 85	48 45	47 06	47 52	47 52	0	79700	0 990242	47 06	47 06
AWR	7/11/2017 P	0	1	47 2	47 68	47 02	47 53	47 53	0	167200	0 990242	47 07	47 07
AWR	7/10/2017 P	0	1	47 59	47 61	46 94	47 12	47 12	0	70300	0 990242	46 66	46 67
AWR	7/7/2017 P	0	1	46 92	47 52	46 77	47 45	47 45	0	59100	0 990242	46 99	46 99
AWR	7/6/2017 P	0	1	47 05	47 27	46 74	46 9	46 9	0	81800	0 990242	46 44	46 45
AWR	7/5/2017 P	0	1	47 83	47 99	47 03	47 32	47 32	0	86800	0 990242	46 86	46 86
AWR	7/3/2017 P	0	1	47 52	48 04	47 36	47 84	47 84	0	45000	0 990242	47 37	47 38
AWR	6/30/2017 P	0	1	47 48	47 99	47 27	47 41	47 41	0	75500	0 990242	46 95	46 95
AWR	6/29/2017 P	0	1	47 23	47 47	46 71	47 43	47 43	0	95100	0 990242	46 97	46 97
AWR	6/28/2017 P	0	1	47 5	48 12	47 12	47 32	47 32	0	165300	0 990242	46 86	46 86
AWR	6/27/2017 P	0	1	48 07	48 07	47 1	47 61	47 61	0	104200	0 990242	47 15	47 15
AWR	6/26/2017 P	0	1	48 14	48 57	47 94	48 09	48 09	0	124200	0 990242	47 62	47 63
AWR	6/23/2017 P	0	1	47 91	49 02	47 91	48 2	48 2	0	206300	0 990242	47 73	47 74
AWR	6/22/2017 P	0	1	48 19	48 49	47 45	48 04	48 04	0	101700	0 990242	47 57	47 58
AWR	6/21/2017 P	0	1	48 59	48 74	47 96	48 06	48 06	0	86400	0 990242	47 59	47 6
AWR	6/20/2017 P	0	1	49 17	49 28	48 58	48 67	48 67	0	72900	0 990242	48 2	48 2
AWR	6/19/2017 P	0	1	49 7	49 95	48 93	49 17	49 17	0	129400	0 990242	48 89	48 7
AWR	6/18/2017 P	0	1	48 55	50 06	48 01	49 94	49 94	0	336600	0 990242	49 45	49 46
AWR	6/15/2017 P	0	1	49 18	49 94	49 18	49 86	49 86	0	90100	0 990242	49 37	49 38
AWR	6/14/2017 P	0	1	49 92	50	49 4	49 69	49 69	0	101800	0 990242	49 21	49 21
AWR	6/13/2017 P	0	1	49 37	49 73	48 89	49 47	49 47	0	79600	0 990242	48 99	48 99
AWR	6/12/2017 P	0	1	49 83	50 86	49 03	49 24	49 24	0	167900	0 990242	48 76	48 77
AWR	6/9/2017 P	0	1	48 4	49 9	48 35	49 9	49 9	0	251100	0 990242	49 41	49 42
AWR	6/8/2017 P	0	1	47 44	48 39	46 73	48 27	48 27	0	148500	0 990242	47 8	47 8
AWR	6/7/2017 P	0	1	47 33	47 77	47 02	47 41	47 41	0	101000	0 990242	46 95	46 95
AWR	6/6/2017 P	0	1	46 86	47 49	46 86	47 23	47 23	0	101300	0 990242	46 77	46 77
AWR	6/5/2017 P	0	1	47 19	47 46	46 84	46 97	46 97	0	114500	0 990242	46 51	46 52
AWR	6/2/2017 P	0	1	46 68	47 66	46 53	47 1	47 1	0	117300	0 990242	46 64	46 65
AWR	6/1/2017 P	0	1	45 62	46 78	45 62	46 75	46 75	0	90400	0 990242	46 29	46 3
AWR	5/31/2017 P	0	1	45 73	45 96	45 3	45 79	45 79	0	76000	0 990242	45 34	45 35
AWR	5/30/2017 P	0	1	45 76	45 77	45 13	45 48	45 48	0	88900	0 990242	45 04	45 04
AWR	5/26/2017 P	0	1	45 7	45 8	45 39	45 72	45 72	0	75700	0 990242	45 27	45 28
AWR	5/25/2017 P	0	1	45 4	45 71	45 32	45 66	45 66	0	58000	0 990242	45 21	45 22
AWR	5/24/2017 P	0	1	45 17	45 82	45 1	45 18	45 18	0	95300	0 990242	44 74	44 74
AWR	5/23/2017 P	0	1	45 21	45 45	44 93	45 17	45 17	0	128500	0 990242	44 73	44 73
AWR	5/22/2017 P	0	1	44 56	45 08	44 12	44 99	44 99	0	66400	0 990242	44 55	44 56
AWR	5/19/2017 P	0	1	44 22	44 71	44 08	44 39	44 39	0	135400	0 990242	43 96	43 96
AWR	5/18/2017 P	0	1	44 83	44 94	44 24	44 26	44 26	0	214900	0 990242	43 83	43 83
AWR	5/17/2017 P	0	1	44 76	44 94	44 01	44 62	44 62	0	177900	0 990242	44 18	44 19
AWR	5/16/2017 P	0	1	44 82	44 95	44 3	44 76	44 76	0	97200	0 990242	44 32	44 33
AWR	5/15/2017 P	0	1	44 3	44 95	44 09	44 59	44 59	0	83400	0 990242	44 15	44 16
AWR	5/12/2017 P	0	1	44 01	44 47	43 83	44 35	44 35	0	86300	0 990242	43 92	43 92
AWR	5/11/2017 P	0	1	43 93	44 31	43 56	44 22	44 22	0 242	124500	0 990242	43 79	43 79
AWR	5/10/2017 P	0	1	43 31	44 47	43 31	44 29	44 29	0	159200	0 984823	43 62	43 62
AWR	5/9/2017 P	0	1	44 04	44 04	43 08	43 32	43 32	0	133900	0 984823	42 66	42 67
AWR	5/8/2017 P	0	1	44 52	44 78	43 58	44	44	0	143100	0 984823	43 33	43 34
AWR	5/5/2017 P	0	1	43 73	44 85	43 73	44 8	44 8	0	158500	0 984823	44 12	44 13
AWR	5/4/2017 P	0	1	45 02	45 03	43 66	43 66	43 66	0	111400	0 984823	43	43
AWR	5/3/2017 P	0	1	44 22	45 33	44 03	45 07	45 07	0	136600	0 984823	44 39	44 39
AWR	5/2/2017 P	0	1	44 79	44 79	43 53	44 12	44 12	0	145400	0 984823	43 45	43 46
AWR	5/1/2017 P	0	1	44 59	44 95	44 2	44 47	44 47	0	94500	0 984823	43 8	43 8
AWR	4/28/2017 P	0	1	45 6	45 6	44 32	44 52	44 52	0	166700	0 984823	43 84	43 85
AWR	4/27/2017 P	0	1	46 65	46 84	45 58	45 64	45 64	0	142600	0 984823	44 95	44 95
AWR	4/26/2017 P	0	1	45 53	46 76	45 33	46 5	46 5	0	167400	0 984823	45 79	45 8
AWR	4/25/2017 P	0	1	45 53	45 97	45 48	45 64	45 64	0	109900	0 984823	44 95	44 95
AWR	4/24/2017 P	0	1	45 5	45 85	45 28	45 49	45 49	0	152700	0 984823	44 8	44 81
AWR	4/21/2017 P	0	1	44 91	45 35	44 73	45 14	45 14	0	292400	0 984823	44 45	44 46
AWR	4/20/2017 P	0	1	45 33	45 35	44 8	45 01	45 01	0	141900	0 984823	44 33	44 33
AWR	4/19/2017 P	0	1	44 8	45 38	44 8	45 28	45 28	0	109000	0 984823	44 59	44 6
AWR	4/18/2017 P	0	1	44 6	45 02	44 57	44 84	44 84	0	109600	0 984823	44 16	44 16
AWR	4/17/2017 P	0	1	44 89	44 98	44 73	44 89	44 89	0	113000	0 984823	44 21	44 21
AWR	4/13/2017 P	0	1	44 67	45 23	44 59	44 79	44 79	0	97400	0 984823	44 11	44 12
AWR	4/12/2017 P	0	1	44 93	45 02	44 43	44 86	44 86	0	72000	0 984823	44 18	44 18
AWR	4/11/2017 P	0	1	44 13	45 06	43 54	45 01	45 01	0	100800	0 984823	44 33	44 33
AWR	4/10/2017 P	0	1	44 05	44 29	43 79	44 22	44 22	0	84200	0 984823	43 55	43 55
AWR	4/7/2017 P	0	1	43 89	44 31	43 89	43 98	43 98	0	131400	0 984823	43 31	43 32
AWR	4/6/2017 P	0	1	44 1	44 1	43 45	43 92	43 92	0	95800	0 984823	43 25	43 26
AWR	4/5/2017 P	0	1	44 02	44 31	43 72	44 11	44 11	0	162200	0 984823	43 44	43 45
AWR	4/4/2017 P	0	1	43 19	44 09	43 19	43 96	43 96	0	117700	0 984823	43 29	43 3
AWR	4/3/2017 P	0	1	44 08	44 15	43 17	43 29	43 29	0	123900	0 984823	42 63	42 64
AWR	3/31/2017 P	0	1	43 56	44 56	43 46	44 3	44 3	0	170900	0 984823	43 63	43 63
AWR	3/30/2017 P	0	1	43 44	43 59	43 13	43 51	43 51	0	113300	0 984823	42 85	42 85
AWR	3/29/2017 P	0	1	43 71	43 77	43 2	43 55	43 55	0	136000	0 984823	42 89	42 89
AWR	3/28/2017 P	0	1	43 63	43 85	43 08	43 72	43 72	0	113000	0 984823	43	

AWR	3/7/2017	P	0	1	43 01	44 5	42 7	42 82	42 82	0	227100	0 984823	42 17	42 18
AWR	3/6/2017	P	0	1	43 72	43 72	43 15	43 2	43 2	0	87500	0 984823	42 54	42 55
AWR	3/3/2017	P	0	1	44 8	44 8	43 5	43 88	43 88	0	125400	0 984823	43 21	43 22
AWR	3/2/2017	P	0	1	44 98	45 06	44 6	44 84	44 84	0	100800	0 984823	44 16	44 16
AWR	3/1/2017	P	0	1	44 5	45 54	44 5	44 89	44 89	0	181000	0 984823	44 21	44 21
AWR	2/28/2017	P	0	1	44 37	44 76	44 35	44 72	44 72	0	172800	0 984823	44 04	44 05
AWR	2/27/2017	P	0	1	44 9	45 27	44 33	44 48	44 48	0	142900	0 984823	43 8	43 81
AWR	2/24/2017	P	0	1	44 27	45 92	44 27	44 89	44 89	0	153600	0 984823	44 21	44 21
AWR	2/23/2017	P	0	1	44 52	45 07	44 11	44 9	44 9	0	184900	0 984823	44 22	44 22
AWR	2/22/2017	P	0	1	44 61	44 61	43 92	44 42	44 42	0	76400	0 984823	43 75	43 75
AWR	2/21/2017	P	0	1	43 89	44 58	43 57	44 54	44 54	0	89500	0 984823	43 86	43 87
AWR	2/17/2017	P	0	1	44 09	44 2	43 61	44 2	44 2	0	179600	0 984823	43 53	43 53
AWR	2/16/2017	P	0	1	43 93	44 21	43 56	43 81	43 81	0	95400	0 984823	43 15	43 15
AWR	2/15/2017	P	0	1	43 26	43 99	43 1	43 91	43 91	0	97700	0 984823	43 24	43 25
AWR	2/14/2017	P	0	1	43 71	43 8	43 14	43 49	43 49	0	111400	0 984823	42 83	42 84
AWR	2/13/2017	P	0	1	44 23	44 39	43 21	44 05	44 05	0 242	89000	0 984823	43 38	43 39
AWR	2/10/2017	P	0	1	43 85	44 56	43 75	44 48	44 48	0	78400	0 979413	43 56	43 57
AWR	2/9/2017	P	0	1	43 64	44 17	43 64	43 96	43 96	0	78200	0 979413	43 05	43 06
AWR	2/8/2017	P	0	1	43 53	44 78	43 47	43 88	43 88	0	115600	0 979413	42 98	42 98
AWR	2/7/2017	P	0	1	43 88	44 02	43 31	43 57	43 57	0	68800	0 979413	42 67	42 68
AWR	2/6/2017	P	0	1	43 93	44 09	43 66	43 78	43 78	0	78200	0 979413	42 88	42 89
AWR	2/3/2017	P	0	1	44 35	44 63	42 64	44 09	44 09	0	150000	0 979413	43 18	43 19
AWR	2/2/2017	P	0	1	42 83	44 97	42 5	44 24	44 24	0	282600	0 979413	43 33	43 34
AWR	2/1/2017	P	0	1	43 33	43 63	42 69	42 74	42 74	0	101700	0 979413	41 86	41 87
AWR	1/31/2017	P	0	1	42 98	43 85	42 78	43 78	43 78	0	123700	0 979413	42 88	42 89
AWR	1/30/2017	P	0	1	43 85	43 85	42 9	43 2	43 2	0	93400	0 979413	42 31	42 32
AWR	1/27/2017	P	0	1	44 16	44 16	43 41	43 84	43 84	0	53100	0 979413	42 94	42 95
AWR	1/26/2017	P	0	1	44 11	44 46	43 85	44 1	44 1	0	65800	0 979413	43 19	43 2
AWR	1/25/2017	P	0	1	43 81	44 54	43 74	44 25	44 25	0	163600	0 979413	43 34	43 35
AWR	1/24/2017	P	0	1	42 79	43 78	42 69	43 59	43 59	0	119800	0 979413	42 69	42 7
AWR	1/23/2017	P	0	1	42 59	42 91	42 43	42 68	42 68	0	55200	0 979413	41 8	41 81
AWR	1/20/2017	P	0	1	42 36	42 84	42 27	42 62	42 62	0	103400	0 979413	41 74	41 75
AWR	1/19/2017	P	0	1	42 57	42 87	42 15	42 39	42 39	0	109200	0 979413	41 52	41 52
AWR	1/18/2017	P	0	1	42 99	43 09	42 67	42 82	42 82	0	104500	0 979413	41 94	41 95
AWR	1/17/2017	P	0	1	43 64	43 91	42 87	43 14	43 14	0	121300	0 979413	42 25	42 26
AWR	1/13/2017	P	0	1	43 15	43 74	43 15	43 66	43 66	0	82700	0 979413	42 76	42 77
AWR	1/12/2017	P	0	1	43 77	43 98	42 75	43 18	43 18	0	113900	0 979413	42 29	42 3
AWR	1/11/2017	P	0	1	43 3	43 93	43 3	43 89	43 89	0	87600	0 979413	42 99	42 99
AWR	1/10/2017	P	0	1	43 34	43 81	42 86	43 46	43 46	0	115800	0 979413	42 57	42 57
AWR	1/9/2017	P	0	1	44 46	44 46	43 17	43 29	43 29	0	130600	0 979413	42 4	42 41
AWR	1/6/2017	P	0	1	44 79	44 92	44 19	44 21	44 21	0	73600	0 979413	43 3	43 31
AWR	1/5/2017	P	0	1	45 47	45 7	44 39	44 77	44 77	0	127500	0 979413	43 85	43 86
AWR	1/4/2017	P	0	1	45 19	45 72	44 99	45 63	45 63	0	200800	0 979413	44 69	44 7
AWR	1/3/2017	P	0	1	45 46	45 46	44 61	44 95	44 95	0	141300	0 979413	44 02	44 03
AWR	12/30/2016	P	0	1	45 62	45 62	45 27	45 56	45 56	0	59300	0 979413	44 62	44 63
AWR	12/29/2016	P	0	1	45 22	45 78	45 22	45 68	45 68	0	94200	0 979413	44 74	44 75
AWR	12/28/2016	P	0	1	46 15	46 15	45 19	45 32	45 32	0	101800	0 979413	44 39	44 39
AWR	12/27/2016	P	0	1	45 51	46 1	45 44	46 05	46 05	0	65800	0 979413	45 1	45 11
AWR	12/23/2016	P	0	1	45 28	45 65	45 13	45 64	45 64	0	40500	0 979413	44 7	44 71
AWR	12/22/2016	P	0	1	45 1	45 49	45 04	45 28	45 28	0	64100	0 979413	44 35	44 36
AWR	12/21/2016	P	0	1	45 4	45 76	45 21	45 21	45 21	0	115300	0 979413	44 28	44 29
AWR	12/20/2016	P	0	1	45 64	45 96	45 13	45 31	45 31	0	106600	0 979413	44 38	44 39
AWR	12/19/2016	P	0	1	45 04	45 75	44 84	45 64	45 64	0	124300	0 979413	44 7	44 71
AWR	12/16/2016	P	0	1	45 01	45 66	44 7	44 94	44 94	0	421700	0 979413	44 01	44 02
AWR	12/15/2016	P	0	1	44 49	45 55	44 29	45	45	0	186100	0 979413	44 07	44 08
AWR	12/14/2016	P	0	1	45 82	46 24	44 63	44 74	44 74	0	127700	0 979413	43 82	43 83
AWR	12/13/2016	P	0	1	45 96	46 33	45 56	45 81	45 81	0	157300	0 979413	44 87	44 87
AWR	12/12/2016	P	0	1	45 37	46 28	45 03	45 77	45 77	0	209500	0 979413	44 83	44 84
AWR	12/9/2016	P	0	1	46	46 39	45 04	45 54	45 54	0	163900	0 979413	44 6	44 61
AWR	12/8/2016	P	0	1	45 26	46 21	44 09	46 18	46 18	0	178800	0 979413	45 23	45 24
AWR	12/7/2016	P	0	1	44 63	45 49	44 63	45 38	45 38	0	137500	0 979413	44 45	44 45
AWR	12/6/2016	P	0	1	44 17	44 76	43 9	44 62	44 62	0	163500	0 979413	43 7	43 71
AWR	12/5/2016	P	0	1	43 63	44 49	43 26	44 46	44 46	0	152100	0 979413	43 54	43 55
AWR	12/2/2016	P	0	1	43 14	44 15	43 09	43 63	43 63	0	166400	0 979413	42 73	42 74
AWR	12/1/2016	P	0	1	42 39	43 08	42 22	42 69	42 69	0	154100	0 979413	41 81	41 82
AWR	11/30/2016	P	0	1	43 9	43 9	42 39	42 4	42 4	0	153500	0 979413	41 53	41 53
AWR	11/29/2016	P	0	1	44 13	44 67	44 01	44 22	44 22	0	74800	0 979413	43 31	43 32
AWR	11/28/2016	P	0	1	43 81	44 32	43 74	44 18	44 18	0	145000	0 979413	43 27	43 28
AWR	11/25/2016	P	0	1	42 48	43 82	42 48	43 79	43 79	0	54700	0 979413	42 89	42 9
AWR	11/23/2016	P	0	1	44 01	44 12	42 25	42 37	42 37	0	201400	0 979413	41 5	41 51
AWR	11/22/2016	P	0	1	43 08	44 49	42 8	44 49	44 49	0	231300	0 979413	43 57	43 58
AWR	11/21/2016	P	0	1	42 8	43 08	42 49	42 89	42 89	0	123000	0 979413	42 01	42 01
AWR	11/18/2016	P	0	1	42 4	43 07	42 06	42 81	42 81	0	200800	0 979413	41 93	41 94
AWR	11/17/2016	P	0	1	42 26	42 81	42 26	42 47	42 47	0	121500	0 979413	41 6	41 6
AWR	11/16/2016	P	0	1	41 1	42 37	40 47	42 26	42 26	0	255100	0 979413	41 39	41 4
AWR	11/15/2016	P	0	1	41 41	41 72	41 09	41 45	41 45	0	107300	0 979413	40 6	40 6
AWR	11/14/2016	P	0	1	41 09	41 6	40 75	41 29	41 29	0	183800	0 979413	40 44	40 45
AWR	11/11/2016	P	0	1	39 54	41 3	39 5	40 94	40 94	0	239400	0 979413	40 1	40 1
AWR	11/10/2016	P	0	1	39 63	39 89	38 21	39 36	39 36	0 242	188200	0 979413	38 55	38 56
AWR	11/9/2016	P	0	1	39 4	39 98	38 61	39 84	39 84	0	155700	0 973391	38 78	38 79
AWR	11/8/2016	P	0	1	39 78	40 12	39 22	39 8	39 8	0	152800	0 973391	38 74	38 75
AWR	11/7/2016	P	0	1	38 98	39 01	38 67	39 75	39 75	0	174200	0 973391	38 69	38 7
AWR	11/4/2016	P	0	1	39 78	40 01	38 63	38 71	38 71	0	136600	0 973391	37 68	37 69
AWR	11/3/2016	P	0	1	39 37	40 69	38 63	39 76	39 76	0	183200	0 973391	38 7	38 71
AWR	11/2/2016	P	0	1	39 52	39 52	38 59	38 87	38 87	0	207000	0 973391	37 84	37 85
AWR	11/1/2016	P	0	1	40	40 04	39 09	39 32	39 32	0	215400	0 973391	38 27	38 28
AWR	10/31/2016	P	0	1	38 74	40 15	38 62	39 98	39 98	0	176700	0 973391	38 92	38 93

AWR	10/5/2016 P	0	1	38 85	38 95	38 24	38 26	38 26	0	123600	0 973391	37 24	37 25
AWR	10/4/2016 P	0	1	39 64	39 64	38 49	38 62	38 62	0	151300	0 973391	37 59	37 6
AWR	10/3/2016 P	0	1	39 96	40	39 12	39 69	39 69	0	159400	0 973391	38 63	38 64
AWR	9/30/2016 P	0	1	39 79	40 54	39 74	40 05	40 05	0	193500	0 973391	38 98	38 99
AWR	9/29/2016 P	0	1	39 62	39 74	39 35	39 54	39 54	0	100300	0 973391	38 49	38 5
AWR	9/28/2016 P	0	1	39 82	39 92	39 52	39 77	39 77	0	97000	0 973391	38 71	38 72
AWR	9/27/2016 P	0	1	40 5	40 79	39 73	39 82	39 82	0	122200	0 973391	38 76	38 77
AWR	9/26/2016 P	0	1	40 43	40 76	40 3	40 46	40 46	0	90600	0 973391	39 38	39 39
AWR	9/23/2016 P	0	1	41 26	41 36	40 49	40 63	40 63	0	151500	0 973391	39 55	39 56
AWR	9/22/2016 P	0	1	40 97	41 5	40 74	41 36	41 36	0	145700	0 973391	40 26	40 27
AWR	9/21/2016 P	0	1	39 67	40 7	39 77	40 69	40 69	0	159100	0 973391	39 61	39 62
AWR	9/20/2016 P	0	1	39 67	40 17	39 57	39 71	39 71	0	120800	0 973391	38 65	38 66
AWR	9/19/2016 P	0	1	39 1	39 57	38 97	39 57	39 57	0	96000	0 973391	38 52	38 53
AWR	9/16/2016 P	0	1	38 41	38 99	38 22	38 89	38 89	0	481400	0 973391	37 86	37 86
AWR	9/15/2016 P	0	1	37 92	38 3	37 74	38 21	38 21	0	91600	0 973391	37 19	37 2
AWR	9/14/2016 P	0	1	37 85	37 97	37 51	37 88	37 88	0	157300	0 973391	36 87	36 88
AWR	9/13/2016 P	0	1	38 33	38 51	37 67	37 78	37 78	0	182800	0 973391	36 77	36 78
AWR	9/12/2016 P	0	1	38 94	39 07	38 31	38 56	38 56	0	236500	0 973391	37 53	37 54
AWR	9/9/2016 P	0	1	39 8	39 8	38 85	38 85	38 85	0	231700	0 973391	37 82	37 83
AWR	9/8/2016 P	0	1	40 26	40 54	39 94	40 18	40 18	0	118200	0 973391	39 11	39 12
AWR	9/7/2016 P	0	1	39 82	40 39	39 53	40 38	40 38	0	194600	0 973391	39 31	39 32
AWR	9/6/2016 P	0	1	39 42	39 9	39 27	39 79	39 79	0	128800	0 973391	38 73	38 74
AWR	9/2/2016 P	0	1	39 06	39 6	39	39 6	39 6	0	116700	0 973391	38 55	38 56
AWR	9/1/2016 P	0	1	38 89	39 22	38 6	38 85	38 85	0	163700	0 973391	37 82	37 83
AWR	8/31/2016 P	0	1	39 34	39 37	38 89	38 98	38 98	0	112900	0 973391	37 94	37 95
AWR	8/30/2016 P	0	1	39 41	39 62	39 09	39 26	39 26	0	104000	0 973391	38 22	38 22
AWR	8/29/2016 P	0	1	39 58	39 86	39 15	39 29	39 29	0	206400	0 973391	38 24	38 25
AWR	8/26/2016 P	0	1	40 62	40 91	39 21	39 41	39 41	0	187200	0 973391	38 36	38 37
AWR	8/25/2016 P	0	1	39 94	42 02	39 85	40 73	40 73	0	370700	0 973391	39 65	39 66
AWR	8/24/2016 P	0	1	40 45	40 45	39 92	40 13	40 13	0	164100	0 973391	39 06	39 07
AWR	8/23/2016 P	0	1	40 88	40 94	39 93	40 43	40 43	0	149300	0 973391	39 35	39 36
AWR	8/22/2016 P	0	1	40 55	41 15	40 38	40 9	40 9	0	75900	0 973391	39 81	39 82
AWR	8/19/2016 P	0	1	41 2	41 36	40 4	40 51	40 51	0	171100	0 973391	39 43	39 44
AWR	8/18/2016 P	0	1	40 99	41 38	40 75	41 34	41 34	0	162100	0 973391	40 24	40 25
AWR	8/17/2016 P	0	1	39 87	41 57	39 56	40 96	40 96	0	408600	0 973391	39 87	39 88
AWR	8/16/2016 P	0	1	41 35	41 35	39 71	40 02	40 02	0	279700	0 973391	38 96	38 96
AWR	8/15/2016 P	0	1	42 05	42 05	41 34	41 37	41 37	0	75600	0 973391	40 27	40 28
AWR	8/12/2016 P	0	1	42 03	42 46	41 89	41 92	41 92	0	73900	0 973391	40 8	40 81
AWR	8/11/2016 P	0	1	42 24	42 24	41 88	42 03	42 03	0 224	79200	0 973391	40 91	40 92
AWR	8/10/2016 P	0	1	42 28	42 58	42 09	42 42	42 42	0	84700	0 968203	41 07	41 08
AWR	8/9/2016 P	0	1	42 67	42 7	42 15	42 22	42 22	0	157700	0 968203	40 88	40 89
AWR	8/8/2016 P	0	1	43 26	44 4	42 53	42 63	42 63	0	128300	0 968203	41 27	41 29
AWR	8/5/2016 P	0	1	43 29	44 3	43	43 29	43 29	0	220600	0 968203	41 91	41 93
AWR	8/4/2016 P	0	1	42 53	43 51	41 77	42 03	42 03	0	142100	0 968203	40 69	40 71
AWR	8/3/2016 P	0	1	42 78	42 78	42 05	42 32	42 32	0	94400	0 968203	40 97	40 99
AWR	8/2/2016 P	0	1	43 46	43 57	42 84	42 89	42 89	0	84900	0 968203	41 53	41 54
AWR	8/1/2016 P	0	1	43 11	43 89	43 02	43 48	43 48	0	142100	0 968203	42 1	42 11
AWR	7/29/2016 P	0	1	43 07	43 54	43 04	43 2	43 2	0	174100	0 968203	41 83	41 84
AWR	7/28/2016 P	0	1	43 27	43 42	43 12	43 16	43 16	0	85800	0 968203	41 79	41 8
AWR	7/27/2016 P	0	1	43 67	43 75	43 08	43 36	43 36	0	130900	0 968203	41 98	41 99
AWR	7/26/2016 P	0	1	43 82	43 99	43 14	43 67	43 67	0	128800	0 968203	42 28	42 29
AWR	7/25/2016 P	0	1	43 76	43 76	43 31	43 72	43 72	0	47700	0 968203	42 33	42 34
AWR	7/22/2016 P	0	1	43 29	44 03	43 29	43 84	43 84	0	61800	0 968203	42 45	42 46
AWR	7/21/2016 P	0	1	43 32	43 43	42 8	43 35	43 35	0	71500	0 968203	41 97	41 98
AWR	7/20/2016 P	0	1	43 02	43 47	42 92	43 25	43 25	0	66100	0 968203	41 87	41 89
AWR	7/19/2016 P	0	1	43 22	43 52	42 87	43 16	43 16	0	77500	0 968203	41 79	41 8
AWR	7/18/2016 P	0	1	43 46	43 64	43 07	43 27	43 27	0	77700	0 968203	41 89	41 91
AWR	7/15/2016 P	0	1	43 13	43 49	42 98	43 42	43 42	0	89400	0 968203	42 04	42 05
AWR	7/14/2016 P	0	1	43 48	43 56	43 01	43 03	43 03	0	104900	0 968203	41 66	41 67
AWR	7/13/2016 P	0	1	43 39	43 93	41 71	43 77	43 77	0	142800	0 968203	42 38	42 39
AWR	7/12/2016 P	0	1	43 4	43 44	42 83	42 95	42 95	0	102200	0 968203	41 58	41 6
AWR	7/11/2016 P	0	1	43 33	43 45	42 63	43 43	43 43	0	119600	0 968203	42 05	42 06
AWR	7/8/2016 P	0	1	42 93	43 43	42 44	43 37	43 37	0	142500	0 968203	41 99	42
AWR	7/7/2016 P	0	1	43 7	43 7	42 79	42 94	42 94	0	146000	0 968203	41 57	41 59
AWR	7/6/2016 P	0	1	44 06	44 46	43 57	43 93	43 93	0	114700	0 968203	42 53	42 55
AWR	7/5/2016 P	0	1	43 73	44 15	43 38	44 12	44 12	0	121600	0 968203	42 72	42 73
AWR	7/1/2016 P	0	1	43 9	43 99	43 19	43 37	43 37	0	114400	0 968203	41 99	42
AWR	6/30/2016 P	0	1	42 73	43 83	42 5	43 82	43 82	0	203500	0 968203	42 43	42 44
AWR	6/29/2016 P	0	1	42 62	42 93	42 39	42 45	42 45	0	131900	0 968203	41 1	41 11
AWR	6/28/2016 P	0	1	42 3	42 55	41 83	42 43	42 43	0	142200	0 968203	41 08	41 09
AWR	6/27/2016 P	0	1	42 05	42 42	41 64	42 28	42 28	0	171700	0 968203	40 94	40 95
AWR	6/24/2016 P	0	1	41 16	42 31	41 02	42 07	42 07	0	873100	0 968203	40 73	40 74
AWR	6/23/2016 P	0	1	42 08	42 21	41 35	42 12	42 12	0	170800	0 968203	40 78	40 79
AWR	6/22/2016 P	0	1	41 65	42 01	41 32	41 4	41 4	0	174100	0 968203	40 08	40 1
AWR	6/21/2016 P	0	1	41 2	41 91	40 54	41 37	41 37	0	218100	0 968203	40 05	40 07
AWR	6/20/2016 P	0	1	40 91	41 41	40 88	40 9	40 9	0	116200	0 968203	39 6	39 61
AWR	6/17/2016 P	0	1	41 28	41 79	40 51	40 83	40 83	0	389300	0 968203	39 53	39 54
AWR	6/16/2016 P	0	1	40 66	41 27	40 5	41 22	41 22	0	133300	0 968203	39 91	39 92
AWR	6/15/2016 P	0	1	41 21	41 21	40 55	40 68	40 68	0	133600	0 968203	39 39	39 4
AWR	6/14/2016 P	0	1	40 86	41 14	40 63	40 98	40 98	0	152900	0 968203	39 68	39 69
AWR	6/13/2016 P	0	1	41 4	41 57	40 62	40 89	40 89	0	178100	0 968203	39 59	39 6
AWR	6/10/2016 P	0	1	41 02	41 79	40 83	41 34	41 34	0	166200	0 968203	40 03	40 04
AWR	6/9/2016 P	0	1	41 2	41 38	41 11	41 27	41 27	0	112900	0 968203	39 96	39 97
AWR	6/8/2016 P	0	1	40 46	41 2	40	41 13	41 13	0	115700	0 968203	39 82	39 83
AWR	6/7/2016 P	0	1	40 08	40 74	40 03	40 49	40 49	0	81900	0 968203	39 2	39 21
AWR	6/6/2016 P	0	1	40 49	40 81	40 01	40 14	40 14	0	176500	0 968203	38 86	38 88
AWR	6/3/2016 P	0	1	39 91	40 8	39 91	40 6	40 6	0	137100	0 968203	39 31	39 32
AWR	6/2/2016 P	0	1	39 89	39 89	39 27	39 78	39 78	0	119200	0 968203	38 52	38 53
AWR	6/1/2016 P	0	1	39 1	39 85	39 08	39 83	39 83	0	158100	0 968203	38 56	38 58
AWR	5/31/2016 P	0	1	39 04	39 16	38 71	39 06	39 06	0	163800			

AWR	5/9/2016 P	0	1	40 75	41 17	40 53	40 7	40 7	0	180600	0 962754	39 18	39 2
AWR	5/6/2016 P	0	1	39 54	40 84	39 34	40 78	40 78	0	319300	0 962754	39 26	39 27
AWR	5/5/2016 P	0	1	41 25	41 91	39 38	39 6	39 6	0	316300	0 962754	38 13	38 14
AWR	5/4/2016 P	0	1	41 63	42 76	41 63	42 48	42 48	0	124200	0 962754	40 9	40 91
AWR	5/3/2016 P	0	1	42 81	42 98	41 73	41 81	41 81	0	181100	0 962754	40 25	40 27
AWR	5/2/2016 P	0	1	41 66	42 86	41 62	42 81	42 81	0	214700	0 962754	41 22	41 23
AWR	4/29/2016 P	0	1	41 46	41 96	41 01	41 69	41 69	0	297400	0 962754	40 14	40 15
AWR	4/28/2016 P	0	1	40 69	41 6	40 52	41 51	41 51	0	173600	0 962754	39 96	39 98
AWR	4/27/2016 P	0	1	40 92	41 12	40 57	40 96	40 96	0	163300	0 962754	39 43	39 45
AWR	4/26/2016 P	0	1	40 57	40 96	40 51	40 92	40 92	0	118400	0 962754	39 4	39 41
AWR	4/25/2016 P	0	1	40 46	40 64	39 98	40 51	40 51	0	255900	0 962754	39	39 01
AWR	4/22/2016 P	0	1	39 47	40 5	39 4	40 47	40 47	0	229300	0 962754	38 96	38 98
AWR	4/21/2016 P	0	1	40 72	40 72	39 36	39 46	39 46	0	148900	0 962754	37 99	38
AWR	4/20/2016 P	0	1	42 07	42 07	40 81	40 87	40 87	0	229100	0 962754	39 35	39 36
AWR	4/19/2016 P	0	1	41 13	42 24	40 85	42 03	42 03	0	291300	0 962754	40 46	40 48
AWR	4/18/2016 P	0	1	40 59	41 05	40 2	41 03	41 03	0	239000	0 962754	39 5	39 52
AWR	4/15/2016 P	0	1	39 52	40 62	39 51	40 58	40 58	0	213100	0 962754	39 07	39 08
AWR	4/14/2016 P	0	1	39 23	39 57	38 99	39 57	39 57	0	184300	0 962754	38 1	38 11
AWR	4/13/2016 P	0	1	39 22	39 31	38 41	39 28	39 28	0	192700	0 962754	37 82	37 83
AWR	4/12/2016 P	0	1	39 18	39 54	38 96	39 11	39 11	0	153600	0 962754	37 65	37 67
AWR	4/11/2016 P	0	1	39 12	39 25	38 79	39 06	39 06	0	175200	0 962754	37 61	37 62
AWR	4/8/2016 P	0	1	38 85	39 26	38 81	38 9	38 9	0	179300	0 962754	37 45	37 46
AWR	4/7/2016 P	0	1	38 72	38 97	38 48	38 79	38 79	0	133000	0 962754	37 35	37 36
AWR	4/6/2016 P	0	1	39 21	39 36	38 61	38 76	38 76	0	135300	0 962754	37 32	37 33
AWR	4/5/2016 P	0	1	39 62	39 91	39 23	39 23	39 23	0	162100	0 962754	37 77	37 78
AWR	4/4/2016 P	0	1	39 82	39 91	39 31	39 8	39 8	0	172500	0 962754	38 32	38 33
AWR	4/1/2016 P	0	1	39 1	39 97	39 06	39 86	39 86	0	206700	0 962754	38 38	38 39
AWR	3/31/2016 P	0	1	39 91	39 95	39 3	39 36	39 36	0	340700	0 962754	37 89	37 91
AWR	3/30/2016 P	0	1	39 64	40 03	39 41	39 81	39 81	0	182400	0 962754	38 33	38 34
AWR	3/29/2016 P	0	1	38 78	39 67	38 78	39 51	39 51	0	204200	0 962754	38 04	38 05
AWR	3/28/2016 P	0	1	38 86	39 16	38 41	38 75	38 75	0	145100	0 962754	37 31	37 32
AWR	3/24/2016 P	0	1	38 94	39 19	38 65	38 97	38 97	0	146900	0 962754	37 52	37 53
AWR	3/23/2016 P	0	1	39 44	39 64	38 69	38 92	38 92	0	576100	0 962754	37 47	37 48
AWR	3/22/2016 P	0	1	38 98	39 9	38 98	39 49	39 49	0	279700	0 962754	38 02	38 03
AWR	3/21/2016 P	0	1	39 41	39 61	38 82	38 98	38 98	0	184200	0 962754	37 53	37 54
AWR	3/18/2016 P	0	1	38 99	39 91	38 25	39 48	39 48	0	523900	0 962754	38 01	38 02
AWR	3/17/2016 P	0	1	39	39 36	38 53	38 72	38 72	0	505100	0 962754	37 28	37 29
AWR	3/16/2016 P	0	1	39 6	39 77	38 75	38 92	38 92	0	451000	0 962754	37 47	37 48
AWR	3/15/2016 P	0	1	40 67	41 07	39 29	39 57	39 57	0	517500	0 962754	38 1	38 11
AWR	3/14/2016 P	0	1	41 01	41 06	40 56	40 62	40 62	0	515300	0 962754	39 11	39 12
AWR	3/11/2016 P	0	1	41 56	41 57	41 01	41 01	41 01	0	210700	0 962754	39 48	39 5
AWR	3/10/2016 P	0	1	41 66	41 9	41 1	41 29	41 29	0	161300	0 962754	39 75	39 77
AWR	3/9/2016 P	0	1	41 42	41 67	41	41 54	41 54	0	172400	0 962754	39 99	40 01
AWR	3/8/2016 P	0	1	41 39	41 85	41 21	41 39	41 39	0	278300	0 962754	39 85	39 86
AWR	3/7/2016 P	0	1	41 71	41 79	41 15	41 38	41 38	0	209900	0 962754	39 84	39 85
AWR	3/4/2016 P	0	1	41 42	42 09	41 13	41 73	41 73	0	219700	0 962754	40 18	40 19
AWR	3/3/2016 P	0	1	42 36	42 9	41 19	41 47	41 47	0	257100	0 962754	39 93	39 94
AWR	3/2/2016 P	0	1	42 07	42 58	41 3	42 44	42 44	0	188200	0 962754	40 86	40 87
AWR	3/1/2016 P	0	1	42 59	43 08	41 57	41 98	41 98	0	188900	0 962754	40 42	40 43
AWR	2/29/2016 P	0	1	42 5	43 53	42 06	42 41	42 41	0	303900	0 962754	40 83	40 84
AWR	2/26/2016 P	0	1	45 44	45 5	41 83	42 53	42 53	0	532100	0 962754	40 96	40 96
AWR	2/25/2016 P	0	1	46 74	47 18	46 02	46 87	46 87	0	165900	0 962754	45 12	45 14
AWR	2/24/2016 P	0	1	46 73	47 24	46 47	47 18	47 18	0	114100	0 962754	45 42	45 44
AWR	2/23/2016 P	0	1	46 63	47 19	46 3	46 97	46 97	0	121400	0 962754	45 22	45 24
AWR	2/22/2016 P	0	1	46 96	47 22	46 6	46 84	46 84	0	221400	0 962754	45 1	45 11
AWR	2/19/2016 P	0	1	46 49	47 24	46 43	46 56	46 56	0	145200	0 962754	44 83	44 84
AWR	2/18/2016 P	0	1	45 97	46 84	45 51	46 54	46 54	0	173900	0 962754	44 81	44 82
AWR	2/17/2016 P	0	1	46 17	46 56	45 54	46 05	46 05	0	153600	0 962754	44 33	44 35
AWR	2/16/2016 P	0	1	46 6	46 69	44 93	45 95	45 95	0	183300	0 962754	44 24	44 25
AWR	2/12/2016 P	0	1	46 49	46 59	45 7	46 48	46 48	0	299900	0 962754	44 75	44 76
AWR	2/11/2016 P	0	1	45 71	46 54	45 52	46 43	46 43	0 224	226200	0 962754	44 7	44 72
AWR	2/10/2016 P	0	1	46 37	46 7	46	46 38	46 38	0	155800	0 958109	44 44	44 45
AWR	2/9/2016 P	0	1	45 32	46 65	45 17	46 23	46 23	0	147300	0 958109	44 29	44 31
AWR	2/8/2016 P	0	1	43 68	45 7	43 61	45 65	45 65	0	169600	0 958109	43 74	43 75
AWR	2/5/2016 P	0	1	45 01	45 25	43 67	44 16	44 16	0	296100	0 958109	42 31	42 32
AWR	2/4/2016 P	0	1	45 84	45 98	45 07	45 16	45 16	0	202600	0 958109	43 27	43 28
AWR	2/3/2016 P	0	1	46 3	46 96	45 62	45 91	45 91	0	223200	0 958109	43 99	44
AWR	2/2/2016 P	0	1	45 9	46 81	45 56	46 54	46 54	0	175100	0 958109	44 59	44 61
AWR	2/1/2016 P	0	1	44 94	46 74	44 94	46 11	46 11	0	277500	0 958109	44 18	44 19
AWR	1/29/2016 P	0	1	43 88	45 47	43 65	45 4	45 4	0	258600	0 958109	43 5	43 51
AWR	1/28/2016 P	0	1	41 41	43 92	41 26	43 86	43 86	0	342500	0 958109	42 02	42 04
AWR	1/27/2016 P	0	1	41 12	41 85	40 92	41 25	41 25	0	148600	0 958109	39 52	39 54
AWR	1/26/2016 P	0	1	41	41 5	40 85	41 13	41 13	0	98700	0 958109	39 41	39 42
AWR	1/25/2016 P	0	1	41	41 13	40 66	40 8	40 8	0	105400	0 958109	39 09	39 1
AWR	1/22/2016 P	0	1	40 42	41 38	40 1	41 03	41 03	0	160400	0 958109	39 31	39 32
AWR	1/21/2016 P	0	1	40 15	40 47	39 5	40 18	40 18	0	140300	0 958109	38 5	38 51
AWR	1/20/2016 P	0	1	40 78	40 95	39 16	40 14	40 14	0	230700	0 958109	38 46	38 47
AWR	1/19/2016 P	0	1	40 21	41 3	40 13	41 02	41 02	0	224200	0 958109	39 3	39 31
AWR	1/15/2016 P	0	1	40 32	40 42	39 22	40 12	40 12	0	262300	0 958109	38 44	38 45
AWR	1/14/2016 P	0	1	40 46	41 15	40 25	40 79	40 79	0	226200	0 958109	39 08	39 09
AWR	1/13/2016 P	0	1	40 92	41 46	40 36	40 44	40 44	0	209300	0 958109	38 75	38 76
AWR	1/12/2016 P	0	1	41	41	40 29	40 92	40 92	0	146600	0 958109	39 21	39 22
AWR	1/11/2016 P	0	1	40 32	40 97	40 25	40 81	40 81	0	142200	0 958109	39 1	39 11
AWR	1/8/2016 P	0	1	40 6	41 1	40 27	40 46	40 46	0	233000	0 958109	38 77	38 78
AWR	1/7/2016 P	0	1	40 86	40 98	40 1	40 49	40 49	0	247300	0 958109	38 79	38 81
AWR	1/6/2016 P	0	1	40 47	41 49	40 47	41 35	41 35	0	396200	0 958109	39 62	39 63
AWR	1/5/2016 P	0	1	40 49	40 91	40 12	40 79	40 79	0	164600	0 958109	39 08	39 09
AWR	1/4/2016 P	0	1	41 17	39 66	40 5	40 5	40 5	0	537900	0 958109	38 8	38 82
AWR	12/31/2015 P	0	1	43 1	43 1	41 92	41 95	41 95	0	168000	0 958109	40 19	40 21
AWR	12/30/2015 P	0	1	43 33	43 53	43 01	43 06	43 06	0	91300			

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AWR	12/7/2015 P	0	1	41.77	42 03	41 6	41 82	41 82	0	105700	0 958109	40 07	40 08
AWR	12/4/2015 P	0	1	41 35	42 14	41 35	41 93	41 93	0	83900	0 958109	40 17	40 19
AWR	12/3/2015 P	0	1	41 69	41 97	41 27	41 33	41 33	0	96500	0 958109	39 6	39 61
AWR	12/2/2015 P	0	1	41 92	42 13	41 45	41 73	41 73	0	93000	0 958109	39 98	40
AWR	12/1/2015 P	0	1	41 96	42 23	41 68	42 01	42 01	0	98800	0 958109	40 25	40 26
AWR	11/30/2015 P	0	1	41 87	42 4	41 83	41 83	41 83	0	132400	0 958109	40 08	40 09
AWR	11/27/2015 P	0	1	40 8	41 87	40 8	41 82	41 82	0	74100	0 958109	40 07	40 08
AWR	11/25/2015 P	0	1	40 72	40 87	40 48	40 8	40 8	0	107300	0 958109	39 09	39 1
AWR	11/24/2015 P	0	1	40 93	40 93	40 26	40 73	40 73	0	83100	0 958109	39 02	39 04
AWR	11/23/2015 P	0	1	41 39	41 57	40 92	41 04	41 04	0	97200	0 958109	39 32	39 33
AWR	11/20/2015 P	0	1	41 05	41 53	40 82	41 29	41 29	0	138700	0 958109	39 56	39 57
AWR	11/19/2015 P	0	1	40 52	40 92	40 52	40 89	40 89	0	68000	0 958109	39 18	39 19
AWR	11/18/2015 P	0	1	40 13	40 63	39 67	40 53	40 53	0	129500	0 958109	38 83	38 85
AWR	11/17/2015 P	0	1	40 87	40 94	40 21	40 22	40 22	0	91900	0 958109	38 54	38 55
AWR	11/16/2015 P	0	1	40 08	40 85	39 96	40 79	40 79	0	98600	0 958109	39 08	39 09
AWR	11/13/2015 P	0	1	40 07	40 86	39 94	40 08	40 08	0	119600	0 958109	38 4	38 41
AWR	11/12/2015 P	0	1	40 69	41 04	40 16	40 22	40 22	0 224	97700	0 958109	38 54	38 55
AWR	11/11/2015 P	0	1	40 96	41 33	40 89	40 95	40 95	0	81000	0 952773	39 02	39 03
AWR	11/10/2015 P	0	1	40 47	41 05	40 33	40 81	40 81	0	116700	0 952773	38 88	38 9
AWR	11/9/2015 P	0	1	40 28	40 88	40	40 5	40 5	0	235400	0 952773	38 59	38 6
AWR	11/6/2015 P	0	1	41 05	41 12	39 92	40 17	40 17	0	250100	0 952773	38 27	38 29
AWR	11/5/2015 P	0	1	41 1	41 55	40 97	41 51	41 51	0	110100	0 952773	39 55	39 57
AWR	11/4/2015 P	0	1	40 84	41 36	40 21	40 97	40 97	0	170400	0 952773	39 04	39 05
AWR	11/3/2015 P	0	1	40 51	41 27	40 1	41 13	41 13	0	146900	0 952773	39 19	39 2
AWR	11/2/2015 P	0	1	40 7	41 08	40 21	40 58	40 58	0	244100	0 952773	38 66	38 68
AWR	10/30/2015 P	0	1	40 68	41 23	40 63	40 75	40 75	0	159600	0 952773	38 83	38 84
AWR	10/29/2015 P	0	1	40 8	40 93	40 31	40 68	40 68	0	180700	0 952773	38 76	38 78
AWR	10/28/2015 P	0	1	41 08	41 49	40 62	41 03	41 03	0	280500	0 952773	39 09	39 11
AWR	10/27/2015 P	0	1	41 05	41 55	40 86	41 06	41 06	0	132600	0 952773	39 12	39 14
AWR	10/26/2015 P	0	1	41 08	41 42	40 85	41 12	41 12	0	98500	0 952773	39 18	39 2
AWR	10/23/2015 P	0	1	41 39	41 5	40 85	41 14	41 14	0	103700	0 952773	39 2	39 21
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AWR	10/20/2015 P	0	1	41 58	42 11	41 58	41 93	41 93	0	118900	0 952773	39 95	39 97
AWR	10/19/2015 P	0	1	40 82	41 7	40 76	41 59	41 59	0	182200	0 952773	39 63	39 64
AWR	10/16/2015 P	0	1	41 93	42 31	40 66	40 95	40 95	0	339400	0 952773	39 02	39 03
AWR	10/15/2015 P	0	1	41 54	42 32	41 29	42 31	42 31	0	184100	0 952773	40 31	40 33
AWR	10/14/2015 P	0	1	41 74	42 15	41 23	41 38	41 38	0	132400	0 952773	39 43	39 44
AWR	10/13/2015 P	0	1	41 69	42	41 61	41 61	41 61	0	167600	0 952773	39 64	39 66
AWR	10/12/2015 P	0	1	41 55	42 2	41 53	41 88	41 88	0	147700	0 952773	39 9	39 92
AWR	10/9/2015 P	0	1	41 85	41 85	41 48	41 5	41 5	0	125900	0 952773	39 54	39 56
AWR	10/8/2015 P	0	1	41 21	41 99	41 02	41 8	41 8	0	170700	0 952773	39 83	39 84
AWR	10/7/2015 P	0	1	41 47	41 78	40 84	41 23	41 23	0	294500	0 952773	39 28	39 3
AWR	10/6/2015 P	0	1	42 32	42 32	41 25	41 33	41 33	0	294800	0 952773	39 38	39 4
AWR	10/5/2015 P	0	1	42	42 4	41 68	42 34	42 34	0	153200	0 952773	40 34	40 36
AWR	10/2/2015 P	0	1	41 11	41 89	40 69	41 88	41 88	0	122900	0 952773	39 9	39 92
AWR	10/1/2015 P	0	1	41 32	41 64	40 66	41 26	41 26	0	149400	0 952773	39 31	39 33
AWR	9/30/2015 P	0	1	41 31	41 59	41 06	41 4	41 4	0	151800	0 952773	39 44	39 46
AWR	9/29/2015 P	0	1	41 08	41 36	40 58	41 09	41 09	0	192100	0 952773	39 15	39 17
AWR	9/28/2015 P	0	1	40 9	41 19	40 65	40 98	40 98	0	237400	0 952773	39 04	39 06
AWR	9/25/2015 P	0	1	41 5	41 84	40 92	41 03	41 03	0	213900	0 952773	39 09	39 11
AWR	9/24/2015 P	0	1	40 43	41 36	40 43	41 29	41 29	0	150100	0 952773	39 34	39 36
AWR	9/23/2015 P	0	1	40 18	40 9	40 05	40 73	40 73	0	178500	0 952773	38 81	38 82
AWR	9/22/2015 P	0	1	40 04	40 55	39 81	40 06	40 06	0	249000	0 952773	38 17	38 18
AWR	9/21/2015 P	0	1	39 81	40 7	39 81	40 43	40 43	0	188500	0 952773	38 52	38 54
AWR	9/18/2015 P	0	1	39 05	39 95	39 05	39 6	39 6	0	319500	0 952773	37 73	37 75
AWR	9/17/2015 P	0	1	38 76	39 75	38 76	39 49	39 49	0	157200	0 952773	37 63	37 64
AWR	9/16/2015 P	0	1	38 97	39 16	38 75	38 94	38 94	0	113200	0 952773	37 1	37 12
AWR	9/15/2015 P	0	1	38 96	39 08	38 57	39 01	39 01	0	115500	0 952773	37 17	37 18
AWR	9/14/2015 P	0	1	38 33	39 13	38 21	38 99	38 99	0	128800	0 952773	37 15	37 16
AWR	9/11/2015 P	0	1	37 4	38 33	37 4	38 29	38 29	0	71300	0 952773	36 48	36 5
AWR	9/10/2015 P	0	1	37 48	37 95	37 39	37 55	37 55	0	85600	0 952773	35 78	35 79
AWR	9/9/2015 P	0	1	38 2	38 37	37 52	37 56	37 56	0	193900	0 952773	35 79	35 8
AWR	9/8/2015 P	0	1	37 34	38 12	37 17	37 98	37 98	0	166200	0 952773	36 19	36 2
AWR	9/4/2015 P	0	1	36 73	37 12	36 73	36 98	36 98	0	194100	0 952773	35 23	35 25
AWR	9/3/2015 P	0	1	37 2	37 66	37	37 22	37 22	0	143500	0 952773	35 46	35 48
AWR	9/2/2015 P	0	1	37 3	37 32	36 78	37 16	37 16	0	151900	0 952773	35 41	35 42
AWR	9/1/2015 P	0	1	37 47	37 81	36 89	36 95	36 95	0	242700	0 952773	35 2	35 22
AWR	8/31/2015 P	0	1	37 7	37 98	37 29	37 75	37 75	0	322400	0 952773	35 97	35 98
AWR	8/28/2015 P	0	1	37 21	37 91	37 01	37 9	37 9	0	255200	0 952773	36 11	36 13
AWR	8/27/2015 P	0	1	37 16	37 5	36 6	37 36	37 36	0	171000	0 952773	35 6	35 61
AWR	8/26/2015 P	0	1	36 64	36 88	36 01	36 8	36 8	0	226300	0 952773	35 06	35 08
AWR	8/25/2015 P	0	1	37 04	37 47	35 97	36	36	0	275900	0 952773	34 3	34 31
AWR	8/24/2015 P	0	1	36 85	37 47	35 8	36 31	36 31	0	317700	0 952773	34 6	34 61
AWR	8/21/2015 P	0	1	37 44	38 47	37 2	37 9	37 9	0	249300	0 952773	36 11	36 13
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AWR	8/19/2015 P	0	1	38 81	38 92	38 39	38 83	38 83	0	109600	0 952773	37	37 01
AWR	8/18/2015 P	0	1	39 21	39 28	38 69	38 97	38 97	0	83700	0 952773	37 13	37 15
AWR	8/17/2015 P	0	1	39	39 48	38 66	39 29	39 29	0	104900	0 952773	37 43	37 45
AWR	8/14/2015 P	0	1	38 5	39 1	38 41	39 09	39 09	0	72800	0 952773	37 24	37 26
AWR	8/13/2015 P	0	1	38 38	39 09	38 38	38 65	38 65	0	93100	0 952773	36 82	36 84
AWR	8/12/2015 P	0	1	37 95	38 66	37 95	38 63	38 63	0 224	111300	0 952773	36 81	36 82
AWR	8/11/2015 P	0	1	38 21	38 93	38 15	38 63	38 63	0	125200	0 947248	36 59	36 61
AWR	8/10/2015 P	0	1	39 01	39 26	38 27	38 45	38 45	0	420200	0 947248	36 42	36 44
AWR	8/7/2015 P	0	1	38 28	38 95	38 04	38 81	38 81	0	129800	0 947248	36 76	36 78
AWR	8/6/2015 P	0	1	37 77	38 66	37 32	38 52	38 52	0	208000	0 947248	36 49	36 5
AWR	8/5/2015 P	0	1	37 66	38 38	36 56	37 74	37 74	0	218000	0 947248	35 75	35 76
AWR	8/4/2015 P	0	1	38 57	38 68	37 88	37 96	37 96	0	413400	0 947248	35 96	35 97
AWR	8/3/2015 P	0	1	38 5	38 83	37 91	38 53						

AWR	7/13/2015 P	0	1	39 09	39 3	38 76	38 95	38 95	0	111700	0 947248	36 9	36 91
AWR	7/10/2015 P	0	1	38 37	38 91	38 17	38 85	38 85	0	90800	0 947248	36 8	36 82
AWR	7/9/2015 P	0	1	39 16	39 21	38 12	38 16	38 16	0	199100	0 947248	36 15	36 16
AWR	7/8/2015 P	0	1	38 58	39 05	38 53	38 85	38 85	0	175400	0 947248	36 8	36 82
AWR	7/7/2015 P	0	1	38 41	38 95	38 3	38 79	38 79	0	156400	0 947248	36 74	36 76
AWR	7/6/2015 P	0	1	37 66	38 35	37 53	38 31	38 31	0	114000	0 947248	36 29	36 3
AWR	7/2/2015 P	0	1	37 72	37 98	37 53	37 81	37 81	0	97200	0 947248	35 82	35 83
AWR	7/1/2015 P	0	1	37 55	37 8	37 09	37 57	37 57	0	164000	0 947248	35 59	35 6
AWR	6/30/2015 P	0	1	37 73	37 73	37 19	37 39	37 39	0	197600	0 947248	35 42	35 43
AWR	6/29/2015 P	0	1	37 97	38 5	37 38	37 43	37 43	0	275600	0 947248	35 46	35 47
AWR	6/26/2015 P	0	1	37 76	38 24	37 45	38 11	38 11	0	404000	0 947248	36 1	36 12
AWR	6/25/2015 P	0	1	37 79	37 79	37 38	37 68	37 68	0	153400	0 947248	35 69	35 71
AWR	6/24/2015 P	0	1	37 68	37 79	37 46	37 69	37 69	0	159700	0 947248	35 7	35 72
AWR	6/23/2015 P	0	1	37 57	37 76	37 2	37 73	37 73	0	197000	0 947248	35 74	35 76
AWR	6/22/2015 P	0	1	37 4	37 89	37 08	37 65	37 65	0	184500	0 947248	35 66	35 68
AWR	6/19/2015 P	0	1	37 31	37 54	36 9	37 09	37 09	0	667900	0 947248	35 13	35 15
AWR	6/18/2015 P	0	1	36 54	37 37	36 47	37 25	37 25	0	261800	0 947248	35 28	35 3
AWR	6/17/2015 P	0	1	36 33	37 01	36 13	36 51	36 51	0	222400	0 947248	34 58	34 6
AWR	6/16/2015 P	0	1	36 33	36 52	35 87	36 25	36 25	0	254400	0 947248	34 34	34 35
AWR	6/15/2015 P	0	1	36 92	37 09	35 93	36 31	36 31	0	398300	0 947248	34 39	34 41
AWR	6/12/2015 P	0	1	37 53	37 82	37 33	37 4	37 4	0	130100	0 947248	35 43	35 44
AWR	6/11/2015 P	0	1	37 89	38 05	37 4	37 61	37 61	0	190600	0 947248	35 63	35 64
AWR	6/10/2015 P	0	1	37 66	38 16	37 53	37 79	37 79	0	194200	0 947248	35 8	35 81
AWR	6/9/2015 P	0	1	37 28	37 69	37 26	37 44	37 44	0	154000	0 947248	35 46	35 48
AWR	6/8/2015 P	0	1	36 97	37 5	36 81	37 32	37 32	0	187100	0 947248	35 35	35 37
AWR	6/5/2015 P	0	1	37 26	37 43	36 24	37 03	37 03	0	255100	0 947248	35 08	35 09
AWR	6/4/2015 P	0	1	37 58	37 9	37 45	37 52	37 52	0	125300	0 947248	35 54	35 56
AWR	6/3/2015 P	0	1	38 55	38 66	37 83	37 86	37 86	0	192600	0 947248	35 86	35 88
AWR	6/2/2015 P	0	1	38 42	38 69	38 11	38 59	38 59	0	191300	0 947248	36 55	36 57
AWR	6/1/2015 P	0	1	38 71	38 79	38 14	38 61	38 61	0	147800	0 947248	36 57	36 59
AWR	5/29/2015 P	0	1	38 6	38 74	38 12	38 43	38 43	0	183100	0 947248	36 4	36 42
AWR	5/28/2015 P	0	1	38 76	38 86	37 85	38 72	38 72	0	239400	0 947248	36 68	36 69
AWR	5/27/2015 P	0	1	38 11	38 88	37 76	38 78	38 78	0	225800	0 947248	36 73	36 75
AWR	5/26/2015 P	0	1	38 48	38 59	37 73	38 02	38 02	0	170200	0 947248	36 01	36 03
AWR	5/22/2015 P	0	1	39 31	39 33	38 43	38 66	38 66	0	175900	0 947248	36 62	36 64
AWR	5/21/2015 P	0	1	39 4	39 57	38 6	39 26	39 26	0	181000	0 947248	37 19	37 21
AWR	5/20/2015 P	0	1	38 73	39 12	38 51	39 07	39 07	0	161700	0 947248	37 01	37 03
AWR	5/19/2015 P	0	1	38 68	38 81	38 22	38 79	38 79	0	186500	0 947248	36 74	36 76
AWR	5/18/2015 P	0	1	38 19	38 75	38 11	38 73	38 73	0	144100	0 947248	36 69	36 7
AWR	5/15/2015 P	0	1	38 94	38 94	38 18	38 38	38 38	0	150400	0 947248	36 36	36 37
AWR	5/14/2015 P	0	1	37 97	38 97	37 83	38 95	38 95	0	184400	0 947248	36 9	36 91
AWR	5/13/2015 P	0	1	38 19	38 34	37 55	37 83	37 83	0 213	124600	0 947248	35 83	35 85
AWR	5/12/2015 P	0	1	38 32	38 32	37 57	38 15	38 15	0	155900	0 941915	35 93	35 95
AWR	5/11/2015 P	0	1	38 05	38 69	37 92	38 5	38 5	0	235600	0 941915	36 26	36 28
AWR	5/8/2015 P	0	1	38 93	38 93	37 89	38 27	38 27	0	115100	0 941915	36 05	36 06
AWR	5/7/2015 P	0	1	38 78	39	38 34	38 48	38 48	0	101300	0 941915	36 24	36 26
AWR	5/6/2015 P	0	1	37 9	38 84	37 54	38 54	38 54	0	232400	0 941915	36 3	36 32
AWR	5/5/2015 P	0	1	39 04	39 34	37 52	37 91	37 91	0	234100	0 941915	35 71	35 73
AWR	5/4/2015 P	0	1	38 64	39 52	38 53	39 01	39 01	0	147600	0 941915	36 74	36 76
AWR	5/1/2015 P	0	1	38 49	38 99	38 25	38 6	38 6	0	155000	0 941915	36 36	36 38
AWR	4/30/2015 P	0	1	39 39	39 65	38 27	38 39	38 39	0	215100	0 941915	36 16	36 18
AWR	4/29/2015 P	0	1	39 78	39 97	39 44	39 53	39 53	0	111600	0 941915	37 23	37 25
AWR	4/28/2015 P	0	1	39 55	40 26	39 53	39 95	39 95	0	94400	0 941915	37 63	37 65
AWR	4/27/2015 P	0	1	40 15	40 39	39 43	39 64	39 64	0	99500	0 941915	37 34	37 36
AWR	4/24/2015 P	0	1	39 68	40 4	39 51	39 92	39 92	0	129300	0 941915	37 6	37 62
AWR	4/23/2015 P	0	1	39 44	39 72	39 32	39 62	39 62	0	91100	0 941915	37 32	37 34
AWR	4/22/2015 P	0	1	39 5	39 67	38 95	39 42	39 42	0	98600	0 941915	37 13	37 15
AWR	4/21/2015 P	0	1	39 87	40	39 29	39 51	39 51	0	117600	0 941915	37 22	37 23
AWR	4/20/2015 P	0	1	39 24	40 26	39 24	39 8	39 8	0	124300	0 941915	37 49	37 51
AWR	4/17/2015 P	0	1	39 52	39 7	38 93	39 07	39 07	0	140800	0 941915	36 8	36 82
AWR	4/16/2015 P	0	1	39 46	39 7	39 17	39 64	39 64	0	106500	0 941915	37 34	37 36
AWR	4/15/2015 P	0	1	40	40 24	39 49	39 54	39 54	0	161700	0 941915	37 24	37 26
AWR	4/14/2015 P	0	1	39 56	40 13	39 45	40 07	40 07	0	105900	0 941915	37 74	37 76
AWR	4/13/2015 P	0	1	40 12	40 28	39 17	39 57	39 57	0	107700	0 941915	37 27	37 29
AWR	4/10/2015 P	0	1	39 51	40 05	39 38	40 04	40 04	0	127100	0 941915	37 71	37 73
AWR	4/9/2015 P	0	1	39 44	39 66	39	39 21	39 21	0	131300	0 941915	36 93	36 95
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AWR	4/7/2015 P	0	1	40 61	40 65	39 73	39 76	39 76	0	139300	0 941915	37 45	37 47
AWR	4/6/2015 P	0	1	40 32	40 7	40 11	40 51	40 51	0	141500	0 941915	38 16	38 18
AWR	4/2/2015 P	0	1	39 98	40 44	39 94	40 37	40 37	0	89600	0 941915	38 03	38 04
AWR	4/1/2015 P	0	1	39 72	39 94	39 37	39 89	39 89	0	98600	0 941915	37 57	37 59
AWR	3/31/2015 P	0	1	39 73	40 28	39 33	39 89	39 89	0	135000	0 941915	37 57	37 59
AWR	3/30/2015 P	0	1	39 57	40 01	39 47	39 85	39 85	0	102100	0 941915	37 54	37 55
AWR	3/27/2015 P	0	1	39 36	39 74	39 22	39 41	39 41	0	114700	0 941915	37 12	37 14
AWR	3/26/2015 P	0	1	39 26	40 11	39 26	39 4	39 4	0	148300	0 941915	37 11	37 13
AWR	3/25/2015 P	0	1	40 67	40 86	39 43	39 44	39 44	0	187600	0 941915	37 15	37 17
AWR	3/24/2015 P	0	1	41 11	41 66	40 38	40 54	40 54	0	171200	0 941915	38 19	38 2
AWR	3/23/2015 P	0	1	41 26	41 38	40 83	41 22	41 22	0	173700	0 941915	38 83	38 84
AWR	3/20/2015 P	0	1	41 27	41 73	40 93	41 4	41 4	0	400300	0 941915	39	39 01
AWR	3/19/2015 P	0	1	40 83	41 27	40 56	40 95	40 95	0	104900	0 941915	38 57	38 59
AWR	3/18/2015 P	0	1	40 55	41 05	40 02	40 86	40 86	0	180300	0 941915	38 49	38 51
AWR	3/17/2015 P	0	1	40 3	40 72	40 24	40 59	40 59	0	167700	0 941915	38 23	38 25
AWR	3/16/2015 P	0	1	40 36	41 2	40 35	40 49	40 49	0	187900	0 941915	38 14	38 16
AWR	3/13/2015 P	0	1	40 08	40 32	39 36	40 17	40 17	0	162100	0 941915	37 84	37 85
AWR	3/12/2015 P	0	1	39 55	40 21	39 55	40 09	40 09	0	140800	0 941915	37 76	37 78
AWR	3/11/2015 P	0	1	38 48	39 3	38 48	39 18	39 18	0	163100	0 941915	36 9	36 92
AWR	3/10/2015 P	0	1	38 88	39 16	38 49	38 59	38 59	0	170000	0 941915	36 35	36 37
AWR	3/9/2015 P	0	1	38 23	39 47	38 23	39 12	39 12	0	201800	0 941915	36 85	36 87
AWR	3/6/2015 P	0	1	39	39 21	38 01	38 3	38 3	0	239600	0 941915	36 08	36 09
AWR	3/5/2015 P	0	1	39 14	39 61	38 96	39 34	39 34	0				

AWR	2/11/2015 P	0	1	40 06	40 06	38 67	39 06	39 06	0	206600	0 936806	36 59	36 61
AWR	2/10/2015 P	0	1	39 85	40 55	39 65	40 27	40 27	0	231400	0 936806	37 73	37 74
AWR	2/9/2015 P	0	1	40 01	40 63	39 56	39 72	39 72	0	178000	0 936806	37 21	37 23
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AWR	2/5/2015 P	0	1	40 12	41 48	40 12	41 31	41 31	0	198000	0 936806	38 7	38 72
AWR	2/4/2015 P	0	1	40 65	40 92	39 81	39 9	39 9	0	180000	0 936806	37 38	37 4
AWR	2/3/2015 P	0	1	39 86	40 71	39 86	40 65	40 65	0	224900	0 936806	38 08	38 1
AWR	2/2/2015 P	0	1	39 67	39 93	39 17	39 71	39 71	0	232100	0 936806	37 2	37 22
AWR	1/30/2015 P	0	1	41 23	41 45	39 6	39 64	39 64	0	249900	0 936806	37 13	37 15
AWR	1/29/2015 P	0	1	40 4	41 57	40 4	41 53	41 53	0	148000	0 936806	38 91	38 92
AWR	1/28/2015 P	0	1	41 38	41 7	40 19	40 4	40 4	0	169400	0 936806	37 85	37 86
AWR	1/27/2015 P	0	1	41	41 46	40 89	41 25	41 25	0	144800	0 936806	38 64	38 66
AWR	1/26/2015 P	0	1	41 11	41 44	40 51	41 4	41 4	0	153500	0 936806	38 78	38 8
AWR	1/23/2015 P	0	1	41 01	41 27	40 68	41 12	41 12	0	127500	0 936806	38 52	38 54
AWR	1/22/2015 P	0	1	40 69	41 04	39 81	40 93	40 93	0	138400	0 936806	38 34	38 36
AWR	1/21/2015 P	0	1	41 02	41 29	40 38	40 53	40 53	0	157400	0 936806	37 97	37 99
AWR	1/20/2015 P	0	1	40 49	41 13	40 43	41	41	0	253100	0 936806	38 41	38 43
AWR	1/16/2015 P	0	1	39 06	40 44	39 06	40 37	40 37	0	158600	0 936806	37 82	37 84
AWR	1/15/2015 P	0	1	39 84	39 84	38 96	39 17	39 17	0	125300	0 936806	36 69	36 71
AWR	1/14/2015 P	0	1	38 12	39 77	38 12	39 63	39 63	0	169800	0 936806	37 13	37 14
AWR	1/13/2015 P	0	1	38 64	39 5	38 05	38 53	38 53	0	217200	0 936806	36 1	36 11
AWR	1/12/2015 P	0	1	38 15	38 52	37 71	38 48	38 48	0	151600	0 936806	38 05	38 06
AWR	1/9/2015 P	0	1	38 44	38 57	37 6	38 07	38 07	0	156900	0 936806	35 66	35 68
AWR	1/8/2015 P	0	1	37 49	38 47	37 22	38 42	38 42	0	287300	0 936806	35 99	36 01
AWR	1/7/2015 P	0	1	37 25	37 56	36 86	37 08	37 08	0	248100	0 936806	34 74	34 75
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AWR	1/5/2015 P	0	1	38 05	38 21	37 38	37 5	37 5	0	205700	0 936806	35 13	35 15
AWR	1/2/2015 P	0	1	37 81	38 33	37 5	38 15	38 15	0	223300	0 936806	35 74	35 76
AWR	12/31/2014 P	0	1	38	38 62	37 59	37 66	37 66	0	220800	0 936806	35 28	35 3
AWR	12/30/2014 P	0	1	38 53	38 67	37 91	37 98	37 98	0	309000	0 936806	35 58	35 6
AWR	12/29/2014 P	0	1	37 49	38 74	37 37	38 71	38 71	0	181400	0 936806	36 26	36 28
AWR	12/26/2014 P	0	1	37 28	37 75	37 13	37 53	37 53	0	93700	0 936806	35 16	35 17
AWR	12/24/2014 P	0	1	36 62	37 17	36 55	37 12	37 12	0	84000	0 936806	34 77	34 79
AWR	12/23/2014 P	0	1	36 24	36 6	35 9	36 59	36 59	0	170100	0 936806	34 28	34 29
AWR	12/22/2014 P	0	1	35 43	36	35 36	35 98	35 98	0	134500	0 936806	33 71	33 72
AWR	12/19/2014 P	0	1	35 82	35 87	34 67	35 44	35 44	0	691800	0 936806	33 2	33 22
AWR	12/18/2014 P	0	1	34 74	35 86	34 43	35 82	35 82	0	174400	0 936806	33 56	33 57
AWR	12/17/2014 P	0	1	33 77	34 48	33 57	34 44	34 44	0	254200	0 936806	32 26	32 28
AWR	12/16/2014 P	0	1	34 15	34 45	33 75	33 8	33 8	0	282800	0 936806	31 66	31 68
AWR	12/15/2014 P	0	1	34 36	34 59	33 95	34 19	34 19	0	156500	0 936806	32 03	32 04
AWR	12/12/2014 P	0	1	34 26	34 66	34 19	34 3	34 3	0	150900	0 936806	32 13	32 15
AWR	12/11/2014 P	0	1	34 42	35 04	34 42	34 62	34 62	0	247400	0 936806	32 43	32 45
AWR	12/10/2014 P	0	1	35 44	35 57	34 32	34 33	34 33	0	215000	0 936806	32 16	32 18
AWR	12/9/2014 P	0	1	33 96	35 53	33 95	35 5	35 5	0	209800	0 936806	33 26	33 27
AWR	12/8/2014 P	0	1	34 18	35 31	34 14	34 18	34 18	0	221300	0 936806	32 02	32 03
AWR	12/5/2014 P	0	1	34 07	34 6	34	34 18	34 18	0	131200	0 936806	32 02	32 03
AWR	12/4/2014 P	0	1	34 42	34 75	34 03	34 2	34 2	0	212200	0 936806	32 04	32 05
AWR	12/3/2014 P	0	1	34 93	35 08	34 32	34 37	34 37	0	237000	0 936806	32 2	32 21
AWR	12/2/2014 P	0	1	34 46	35 28	34 46	34 94	34 94	0	160300	0 936806	32 73	32 75
AWR	12/1/2014 P	0	1	34 97	35 07	34 29	34 31	34 31	0	97500	0 936806	32 14	32 16
AWR	11/28/2014 P	0	1	35 18	35 89	34 89	34 89	34 89	0	87400	0 936806	32 69	32 7
AWR	11/26/2014 P	0	1	34 69	35 28	34 6	35 25	35 25	0	107900	0 936806	33 02	33 04
AWR	11/25/2014 P	0	1	34 76	34 93	34 56	34 58	34 58	0	89900	0 936806	32 39	32 41
AWR	11/24/2014 P	0	1	34 81	34 95	34 63	34 76	34 76	0	91700	0 936806	32 56	32 58
AWR	11/21/2014 P	0	1	35 3	35 34	34 69	34 82	34 82	0	123300	0 936806	32 62	32 63
AWR	11/20/2014 P	0	1	34 79	34 99	34 59	34 84	34 84	0	96300	0 936806	32 64	32 65
AWR	11/19/2014 P	0	1	34 78	34 98	34 3	34 85	34 85	0	119800	0 936806	32 65	32 66
AWR	11/18/2014 P	0	1	34 38	35 07	34 38	34 92	34 92	0	170200	0 936806	32 71	32 73
AWR	11/17/2014 P	0	1	34 11	34 65	34 07	34 4	34 4	0	140000	0 936806	32 23	32 24
AWR	11/14/2014 P	0	1	34 51	34 65	34 15	34 24	34 24	0	128700	0 936806	32 08	32 09
AWR	11/13/2014 P	0	1	35 25	35 32	34 4	34 45	34 45	0	107900	0 936806	32 27	32 29
AWR	11/12/2014 P	0	1	34 69	35 21	34 26	35 19	35 19	0 213	156700	0 936806	32 97	32 98
AWR	11/11/2014 P	0	1	35	35 14	34 68	35 02	35 02	0	159500	0 931136	32 61	32 62
AWR	11/10/2014 P	0	1	35 15	35 18	34 81	34 93	34 93	0	216200	0 931136	32 52	32 54
AWR	11/7/2014 P	0	1	35 26	35 26	35 03	35 08	35 08	0	157400	0 931136	32 66	32 68
AWR	11/6/2014 P	0	1	34 91	35 5	34 81	35 16	35 16	0	143600	0 931136	32 74	32 75
AWR	11/5/2014 P	0	1	37	37	34 39	34 9	34 9	0	232500	0 931136	32 5	32 51
AWR	11/4/2014 P	0	1	35 74	36 21	35 55	36 06	36 06	0	158300	0 931136	33 58	33 59
AWR	11/3/2014 P	0	1	35 89	36 18	35 58	35 79	35 79	0	134500	0 931136	33 33	33 34
AWR	10/31/2014 P	0	1	35 35	35 78	35 2	35 78	35 78	0	188700	0 931136	33 32	33 33
AWR	10/30/2014 P	0	1	34 82	35 91	34 82	35 87	35 87	0	131200	0 931136	33 4	33 41
AWR	10/29/2014 P	0	1	35 25	35 44	34 3	34 83	34 83	0	166500	0 931136	32 43	32 45
AWR	10/28/2014 P	0	1	33 97	35 18	33 9	35 14	35 14	0	159500	0 931136	32 72	32 73
AWR	10/27/2014 P	0	1	33 65	34 11	33 65	34 04	34 04	0	104000	0 931136	31 7	31 71
AWR	10/24/2014 P	0	1	34 1	34 26	33 7	33 82	33 82	0	107100	0 931136	31 49	31 5
AWR	10/23/2014 P	0	1	33 84	34 3	33 75	33 99	33 99	0	125000	0 931136	31 65	31 66
AWR	10/22/2014 P	0	1	33 6	33 97	33 44	33 5	33 5	0	82600	0 931136	31 19	31 21
AWR	10/21/2014 P	0	1	33 6	33 7	33 38	33 58	33 58	0	84700	0 931136	31 27	31 28
AWR	10/20/2014 P	0	1	32 64	33 6	32 64	33 6	33 6	0	113800	0 931136	31 29	31 3
AWR	10/17/2014 P	0	1	33 82	33 82	32 68	32 69	32 69	0	150400	0 931136	30 44	30 45
AWR	10/16/2014 P	0	1	32 56	33 67	32 51	33 51	33 51	0	161400	0 931136	31 2	31 22
AWR	10/15/2014 P	0	1	33 18	33 18	32 51	32 91	32 91	0	239500	0 931136	30 64	30 66
AWR	10/14/2014 P	0	1	32 6	33 29	32 43	33 26	33 26	0	184600	0 931136	30 97	30 98
AWR	10/13/2014 P	0	1	31 83	32 56	31 69	32 31	32 31	0	148900	0 931136	30 09	30 1
AWR	10/10/2014 P	0	1	31 45	32 43	31 45	31 8	31 8	0	167500	0 931136	29 61	29 62
AWR	10/9/2014 P	0	1	31 56	31 85	31 44	31 62	31 62	0	266100	0 931136	29 44	29 45
AWR	10/8/2014 P	0	1	30 42	31 69	30 42	31 59	31 59	0	202700	0 931136	29 41	29 43
AWR	10/7/2014 P	0	1	30 38	30 79	30 3	30 52	30 52	0	129900	0 931136	28 42	28 43
AWR	10/6/2014 P	0	1	30 82	30 89	30 44	30 47	30 47	0	143500	0 931136	28 37	28 38
AWR	10/3/2014 P	0	1	30 99	31 03								

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AWR	9/11/2014 P	0	1	31 75	31 97	31 54	31 85	31 85	0	94700	0 931136	29 66	29 67
AWR	9/10/2014 P	0	1	31 64	32	31 32	31 79	31 79	0	230800	0 931136	29 6	29 61
AWR	9/9/2014 P	0	1	32 05	32 05	31 5	31 69	31 69	0	118100	0 931136	29 51	29 52
AWR	9/8/2014 P	0	1	32 47	32 47	31 95	32 02	32 02	0	88100	0 931136	29 81	29 83
AWR	9/5/2014 P	0	1	32 08	32 48	32 03	32 45	32 45	0	84100	0 931136	30 22	30 23
AWR	9/4/2014 P	0	1	32 32	32 51	32 05	32 12	32 12	0	71800	0 931136	29 91	29 92
AWR	9/3/2014 P	0	1	32 37	32 72	32 19	32 32	32 32	0	109100	0 931136	30 09	30 11
AWR	9/2/2014 P	0	1	32 45	32 5	32 01	32 26	32 26	0	90300	0 931136	30 04	30 05
AWR	8/29/2014 P	0	1	32 18	32 45	32 03	32 3	32 3	0	79100	0 931136	30 08	30 09
AWR	8/28/2014 P	0	1	32 23	32 44	32 12	32 13	32 13	0	59100	0 931136	29 92	29 93
AWR	8/27/2014 P	0	1	32 07	32 37	32 07	32 26	32 26	0	107200	0 931136	30 04	30 05
AWR	8/26/2014 P	0	1	31 74	32 13	31 73	32 04	32 04	0	107900	0 931136	29 83	29 85
AWR	8/25/2014 P	0	1	31 89	32 2	31 65	31 71	31 71	0	78000	0 931136	29 53	29 54
AWR	8/22/2014 P	0	1	32 27	32 3	31 64	31 75	31 75	0	147700	0 931136	29 56	29 58
AWR	8/21/2014 P	0	1	31 08	32 32	31 06	32 26	32 26	0	212900	0 931136	30 04	30 05
AWR	8/20/2014 P	0	1	31 38	31 41	30 88	31 01	31 01	0	179100	0 931136	28 87	28 89
AWR	8/19/2014 P	0	1	31 62	31 95	31 42	31 45	31 45	0	168500	0 931136	29 28	29 3
AWR	8/18/2014 P	0	1	31 54	31 74	31 34	31 56	31 56	0	122000	0 931136	29 39	29 4
AWR	8/15/2014 P	0	1	31 49	31 69	30 97	31 26	31 26	0	142900	0 931136	29 11	29 12
AWR	8/14/2014 P	0	1	30 96	31 49	30 81	31 17	31 17	0	123100	0 931136	29 02	29 04
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AWR	8/12/2014 P	0	1	30 77	31	30 65	30 81	30 81	0	150700	0 92473	28 49	28 5
AWR	8/11/2014 P	0	1	31 38	31 57	30 92	30 95	30 95	0	253400	0 92473	28 62	28 63
AWR	8/8/2014 P	0	1	31 02	31 71	31 02	31 6	31 6	0	182600	0 92473	29 22	29 23
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AWR	8/6/2014 P	0	1	30 8	31 06	30 7	30 84	30 84	0	109100	0 92473	28 52	28 53
AWR	8/5/2014 P	0	1	30 66	30 94	30 43	30 5	30 5	0	116700	0 92473	28 2	28 22
AWR	8/4/2014 P	0	1	30 95	31	30 33	30 77	30 77	0	136700	0 92473	28 45	28 47
AWR	8/1/2014 P	0	1	30 52	30 92	30 52	30 79	30 79	0	126600	0 92473	28 47	28 48
AWR	7/31/2014 P	0	1	30 5	31	30 38	30 55	30 55	0	222300	0 92473	28 25	28 26
AWR	7/30/2014 P	0	1	31 09	31 09	30 4	30 64	30 64	0	143400	0 92473	28 33	28 34
AWR	7/29/2014 P	0	1	31 2	31 31	30 79	30 9	30 9	0	133000	0 92473	28 57	28 59
AWR	7/28/2014 P	0	1	30 63	31 18	30 5	31 06	31 06	0	105800	0 92473	28 72	28 73
AWR	7/25/2014 P	0	1	31 19	31 43	30 57	30 68	30 68	0	175600	0 92473	28 37	28 38
AWR	7/24/2014 P	0	1	31 86	32 19	31 35	31 42	31 42	0	95400	0 92473	29 06	29 07
AWR	7/23/2014 P	0	1	31 74	31 94	31 58	31 71	31 71	0	85900	0 92473	29 32	29 33
AWR	7/22/2014 P	0	1	31 68	32 09	31 67	31 75	31 75	0	135900	0 92473	29 36	29 37
AWR	7/21/2014 P	0	1	31 3	31 6	31 16	31 48	31 48	0	128200	0 92473	29 11	29 12
AWR	7/18/2014 P	0	1	30 7	31 63	30 7	31 5	31 5	0	190000	0 92473	29 13	29 14
AWR	7/17/2014 P	0	1	30 76	31 21	30 68	30 7	30 7	0	138100	0 92473	28 39	28 4
AWR	7/16/2014 P	0	1	31 3	31 38	30 81	31	31	0	141700	0 92473	28 67	28 68
AWR	7/15/2014 P	0	1	31 69	31 81	30 99	31 06	31 06	0	131000	0 92473	28 72	28 73
AWR	7/14/2014 P	0	1	31 78	31 8	31 54	31 72	31 72	0	85900	0 92473	29 33	29 34
AWR	7/11/2014 P	0	1	31 82	31 87	31 36	31 5	31 5	0	100300	0 92473	29 13	29 14
AWR	7/10/2014 P	0	1	31 61	31 94	31 34	31 75	31 75	0	210200	0 92473	29 36	29 37
AWR	7/9/2014 P	0	1	32 47	32 56	32 04	32 06	32 06	0	107600	0 92473	29 65	29 66
AWR	7/8/2014 P	0	1	32 19	32 4	32 03	32 29	32 29	0	156800	0 92473	29 86	29 87
AWR	7/7/2014 P	0	1	32 58	32 72	32 16	32 21	32 21	0	129300	0 92473	29 79	29 8
AWR	7/3/2014 P	0	1	32 88	33 01	32 5	32 6	32 6	0	75600	0 92473	30 15	30 16
AWR	7/2/2014 P	0	1	33 56	33 56	32 79	32 92	32 92	0	114800	0 92473	30 44	30 45
AWR	7/1/2014 P	0	1	33 21	34	33 08	33 57	33 57	0	293600	0 92473	31 04	31 06
AWR	6/30/2014 P	0	1	32 83	33 27	32 61	33 23	33 23	0	131400	0 92473	30 73	30 74
AWR	6/27/2014 P	0	1	32 2	33	32 2	32 97	32 97	0	254300	0 92473	30 49	30 5
AWR	6/26/2014 P	0	1	32 39	32 47	32 17	32 39	32 39	0	101600	0 92473	29 95	29 96
AWR	6/25/2014 P	0	1	31 72	32 35	31 72	32 33	32 33	0	98300	0 92473	29 9	29 91
AWR	6/24/2014 P	0	1	31 8	32 35	31 72	31 82	31 82	0	93900	0 92473	29 42	29 44
AWR	6/23/2014 P	0	1	32 2	32 36	31 67	31 76	31 76	0	138100	0 92473	29 37	29 38
AWR	6/20/2014 P	0	1	32 33	32 4	31 78	32 15	32 15	0	281900	0 92473	29 73	29 74
AWR	6/19/2014 P	0	1	32 08	32 37	31 94	32 34	32 34	0	110100	0 92473	29 91	29 92
AWR	6/18/2014 P	0	1	31 68	32 04	31 59	32 01	32 01	0	129800	0 92473	29 6	29 61
AWR	6/17/2014 P	0	1	31 35	31 94	31 35	31 59	31 59	0	111900	0 92473	29 21	29 22
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AWR	6/13/2014 P	0	1	31 1	31 44	31 01	31 36	31 36	0	99800	0 92473	29	29 01
AWR	6/12/2014 P	0	1	30 64	31 09	30 38	31 06	31 06	0	118600	0 92473	28 72	28 73
AWR	6/11/2014 P	0	1	30 56	30 73	30 22	30 73	30 73	0	113400	0 92473	28 42	28 43
AWR	6/10/2014 P	0	1	30 73	30 9	30 52	30 7	30 7	0	72600	0 92473	28 39	28 4
AWR	6/9/2014 P	0	1	30 73	30 97	30 51	30 8	30 8	0	84500	0 92473	28 46	28 49
AWR	6/6/2014 P	0	1	30 87	31 06	30 62	30 75	30 75	0	137000	0 92473	28 44	28 45
AWR	6/5/2014 P	0	1	29 91	30 75	29 65	30 75	30 75	0	148300	0 92473	28 44	28 45
AWR	6/4/2014 P	0	1	29 53	29 81	29 41	29 8	29 8	0	123900	0 92473	27 56	27 57
AWR	6/3/2014 P	0	1	29 88	29 88	29 41	29 5	29 5	0	127700	0 92473	27 28	27 29
AWR	6/2/2014 P	0	1	30 47	30 47	29 83	29 9	29 9	0	172400	0 92473	27 65	27 66
AWR	5/30/2014 P	0	1	29 93	30 42	29 71	30 28	30 28	0	165700	0 92473	28	28 01
AWR	5/29/2014 P	0	1	29 91	30 06	29 57	29 83	29 83	0	115000	0 92473	27 58	27 6
AWR	5/28/2014 P	0	1	29 78	30 02	29 55	29 97	29 97	0	160500	0 92473	27 71	27 72
AWR	5/27/2014 P	0	1	29 46	29 85	29 39	29 73	29 73	0	155500	0 92473	27 49	27 5
AWR	5/23/2014 P	0	1	29 14	29 27	28 91	29 26	29 26	0	108300	0 92473	27 06	27 07
AWR	5/22/2014 P	0	1	28 62	29 12	28 53	29 04	29 04	0	116100	0 92473	26 85	26 86
AWR	5/21/2014 P	0	1	28 32	28 57	28 11	28 53	28 53	0	174100	0 92473	26 38	26 39
AWR	5/20/2014 P	0	1	28 5	28 58	27 82	28 12	28 12	0	229500	0 92473	26	26 01
AWR	5/19/2014 P	0	1	28 5	28 67	28 37	28 49	28 49	0	81200	0 92473	26 35	26 36
AWR	5/18/2014 P	0	1	28 43	28 59	28 16	28 53	28 53	0	107500	0 92473	26 38	26 39
AWR	5/15/2014 P	0	1	28 54	28 76	28 44	28 49	28 49	0	179200	0 92473	26 35	26 36
AWR	5/14/2014 P	0	1	28 79	29 14	28 49	28 7	28 7	0 203	223200	0 92473	26 54	26 55
AWR	5/13/2014 P	0	1	29 48	29 69	29 01	29 02	29 02	0	201600	0 918189	26 65	26 66
AWR	5/12/2014 P	0	1	29 34	29 62	29 23	29 52	29 52	0	157400	0 918189	27 1	27 12
AWR	5/9/2014 P	0	1	28 54	29 17	28 51	29 14	29 14	0	104400	0 918189	26 76	26 77
AWR	5/8/2014 P	0	1	29 19	29 63	28 6	28 63	28 63	0	117400	0 918189	26 29	26 3
AWR	5/7/2014 P	0	1	29 5	29 5	28 66	29 29	29 29	0	190000	0 918189	26 89	26 91
AWR	5/6/2014 P	0	1	30 06	30 32	29 58	29 6	29 6	0	189200	0 918189	27 18	27 19
AWR													

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AWR	4/11/2014 P	0	1	30 86	31 11	30 36	30 63	30 63	0	179700	0 918189	28 12	28 14
AWR	4/10/2014 P	0	1	31 94	32 02	31 03	31 1	31 1	0	122400	0 918189	28 56	28 57
AWR	4/9/2014 P	0	1	32	32 04	31 51	31 91	31 91	0	90900	0 918189	29 3	29 31
AWR	4/8/2014 P	0	1	31 62	32	31 36	31 85	31 85	0	166100	0 918189	29 24	29 26
AWR	4/7/2014 P	0	1	31 66	31 94	31 51	31 61	31 61	0	161800	0 918189	29 02	29 04
AWR	4/4/2014 P	0	1	32 02	32 21	31 6	31 73	31 73	0	146600	0 918189	29 13	29 15
AWR	4/3/2014 P	0	1	32 3	32 44	31 83	31 85	31 85	0	96700	0 918189	29 24	29 26
AWR	4/2/2014 P	0	1	32 26	32 37	32 07	32 23	32 23	0	78400	0 918189	29 59	29 61
AWR	4/1/2014 P	0	1	32 48	32 48	31 95	32 19	32 19	0	146400	0 918189	29 56	29 57
AWR	3/31/2014 P	0	1	32 1	32 6	31 92	32 29	32 29	0	135500	0 918189	29 65	29 66
AWR	3/28/2014 P	0	1	31 57	32 26	31 57	31 92	31 92	0	158600	0 918189	29 31	29 32
AWR	3/27/2014 P	0	1	31 7	31 89	31 08	31 46	31 46	0	244500	0 918189	28 89	28 9
AWR	3/26/2014 P	0	1	32 67	32 67	31 71	31 73	31 73	0	208500	0 918189	29 13	29 15
AWR	3/25/2014 P	0	1	32 64	32 71	32 18	32 43	32 43	0	180100	0 918189	29 78	29 79
AWR	3/24/2014 P	0	1	32 68	32 91	32 07	32 43	32 43	0	210500	0 918189	29 78	29 79
AWR	3/21/2014 P	0	1	32 16	32 97	32 12	32 6	32 6	0	619900	0 918189	29 93	29 95
AWR	3/20/2014 P	0	1	31 67	32 04	31 47	32 02	32 02	0	130100	0 918189	29 4	29 41
AWR	3/19/2014 P	0	1	32 46	32 46	31 46	31 75	31 75	0	143600	0 918189	29 15	29 17
AWR	3/18/2014 P	0	1	31 78	32 47	31 53	32 39	32 39	0	200400	0 918189	29 74	29 75
AWR	3/17/2014 P	0	1	32	32 04	31 75	31 78	31 78	0	195900	0 918189	29 18	29 19
AWR	3/14/2014 P	0	1	31 89	32 28	31 62	32 07	32 07	0	135200	0 918189	29 45	29 46
AWR	3/13/2014 P	0	1	31 32	32	31 24	31 87	31 87	0	205100	0 918189	29 26	29 28
AWR	3/12/2014 P	0	1	30 82	31 26	30 69	31 23	31 23	0	133700	0 918189	28 68	28 69
AWR	3/11/2014 P	0	1	31 09	31 25	30 71	31	31	0	154800	0 918189	28 46	28 48
AWR	3/10/2014 P	0	1	30 81	31 17	30 76	31 11	31 11	0	174100	0 918189	28 56	28 58
AWR	3/7/2014 P	0	1	30 99	31	30 63	30 94	30 94	0	191800	0 918189	28 41	28 42
AWR	3/6/2014 P	0	1	30 72	30 88	30 61	30 79	30 79	0	142400	0 918189	28 27	28 28
AWR	3/5/2014 P	0	1	30 85	30 85	30 45	30 76	30 76	0	183600	0 918189	28 24	28 26
AWR	3/4/2014 P	0	1	30 28	31 12	30 23	30 88	30 88	0	325500	0 918189	28 35	28 37
AWR	3/3/2014 P	0	1	29 95	30 21	29 79	30 02	30 02	0	239700	0 918189	27 56	27 58
AWR	2/28/2014 P	0	1	29 54	30 21	29 4	30 03	30 03	0	246000	0 918189	27 57	27 59
AWR	2/27/2014 P	0	1	28 44	29 5	28 41	29 4	29 4	0	172700	0 918189	26 99	27 01
AWR	2/26/2014 P	0	1	28 64	28 9	28 28	28 46	28 46	0	232300	0 918189	26 13	26 14
AWR	2/25/2014 P	0	1	28 93	29 1	28 38	28 47	28 47	0	164900	0 918189	26 14	26 15
AWR	2/24/2014 P	0	1	29 1	29 3	28 72	28 81	28 81	0	137700	0 918189	26 45	26 47
AWR	2/21/2014 P	0	1	28 79	28 9	28 53	28 71	28 71	0	237100	0 918189	26 36	26 37
AWR	2/20/2014 P	0	1	27 98	28 74	27 94	28 7	28 7	0	181400	0 918189	26 35	26 36
AWR	2/19/2014 P	0	1	28 39	28 73	28	28 01	28 01	0	158500	0 918189	25 72	25 73
AWR	2/18/2014 P	0	1	28 24	28 7	28 13	28 52	28 52	0	132700	0 918189	26 19	26 2
AWR	2/14/2014 P	0	1	28 32	28 43	27 67	28 19	28 19	0	253700	0 918189	25 88	25 9
AWR	2/13/2014 P	0	1	27 51	28 36	27 51	28 31	28 31	0	130500	0 918189	25 99	26 01
AWR	2/12/2014 P	0	1	27 86	27 91	27 48	27 66	27 66	0 203	145100	0 918189	25 4	25 41
AWR	2/11/2014 P	0	1	27 28	28	27 21	27 98	27 98	0	127100	0 91145	25 5	25 52
AWR	2/10/2014 P	0	1	27 46	27 46	27 02	27 21	27 21	0	212200	0 91145	24 8	24 81
AWR	2/7/2014 P	0	1	27 21	27 44	27 09	27 41	27 41	0	136700	0 91145	24 98	25
AWR	2/6/2014 P	0	1	27 19	27 5	27 04	27 17	27 17	0	105400	0 91145	24 76	24 78
AWR	2/5/2014 P	0	1	27 67	27 71	27 13	27 15	27 15	0	129400	0 91145	24 75	24 76
AWR	2/4/2014 P	0	1	27 8	27 99	27 5	27 74	27 74	0	176200	0 91145	25 28	25 3
AWR	2/3/2014 P	0	1	28 44	28 74	27 54	27 71	27 71	0	211000	0 91145	25 26	25 27
AWR	1/31/2014 P	0	1	28 73	28 94	27 8	28 4	28 4	0	256200	0 91145	25 89	25 9
AWR	1/30/2014 P	0	1	28 32	29 37	28 15	29 2	29 2	0	183200	0 91145	26 61	26 63
AWR	1/29/2014 P	0	1	28 32	28 59	28 1	28 17	28 17	0	140800	0 91145	25 68	25 69
AWR	1/28/2014 P	0	1	28 98	28 98	28 18	28 47	28 47	0	282500	0 91145	25 95	25 96
AWR	1/27/2014 P	0	1	28 83	29 22	28 58	28 97	28 97	0	213500	0 91145	26 4	26 42
AWR	1/24/2014 P	0	1	28 72	29 18	28 53	28 69	28 69	0	231300	0 91145	26 15	26 16
AWR	1/23/2014 P	0	1	28 09	28 99	27 87	28 95	28 95	0	411600	0 91145	26 39	26 4
AWR	1/22/2014 P	0	1	27 76	27 64	27 5	27 58	27 58	0	141400	0 91145	25 14	25 15
AWR	1/21/2014 P	0	1	27 86	27 9	27 6	27 79	27 79	0	117600	0 91145	25 33	25 34
AWR	1/17/2014 P	0	1	27 42	27 7	27 37	27 64	27 64	0	101200	0 91145	25 19	25 21
AWR	1/16/2014 P	0	1	27 33	27 56	27 28	27 52	27 52	0	163700	0 91145	25 08	25 1
AWR	1/15/2014 P	0	1	27 39	27 54	27 27	27 42	27 42	0	176200	0 91145	24 99	25 01
AWR	1/14/2014 P	0	1	27 42	27 58	27 11	27 31	27 31	0	109600	0 91145	24 89	24 91
AWR	1/13/2014 P	0	1	27 58	27 61	27 06	27 26	27 26	0	179200	0 91145	24 85	24 86
AWR	1/10/2014 P	0	1	27 72	27 99	27 49	27 65	27 65	0	206300	0 91145	25 2	25 22
AWR	1/9/2014 P	0	1	27 89	27 93	27 29	27 63	27 63	0	213900	0 91145	25 18	25 2
AWR	1/8/2014 P	0	1	28 08	28 15	27 07	27 72	27 72	0	314500	0 91145	25 27	25 28
AWR	1/7/2014 P	0	1	27 73	28 2	27 58	28 15	28 15	0	147200	0 91145	25 66	25 67
AWR	1/6/2014 P	0	1	28 03	28 03	27 41	27 57	27 57	0	129300	0 91145	25 13	25 14
AWR	1/3/2014 P	0	1	27 96	28 15	27 62	27 86	27 86	0	89400	0 91145	25 39	25 41
AWR	1/2/2014 P	0	1	28 73	28 82	27 9	27 97	27 97	0	158900	0 91145	25 49	25 51
AWR	12/31/2013 P	0	1	28 81	28 88	28 6	28 73	28 73	0	133200	0 91145	26 19	26 2
AWR	12/30/2013 P	0	1	28 9	29 07	28 76	28 85	28 85	0	56100	0 91145	26 3	26 31
AWR	12/27/2013 P	0	1	29 18	29 18	28 77	28 95	28 95	0	196600	0 91145	26 39	26 4
AWR	12/26/2013 P	0	1	29 52	29 59	28 99	29 05	29 05	0	152100	0 91145	26 48	26 49
AWR	12/24/2013 P	0	1	29 48	29 79	29 29	29 49	29 49	0	99400	0 91145	26 88	26 89
AWR	12/23/2013 P	0	1	29 73	29 89	29 32	29 36	29 36	0	224500	0 91145	26 76	26 77
AWR	12/20/2013 P	0	1	28 91	29 73	28 74	29 71	29 71	0	689500	0 91145	27 08	27 09
AWR	12/19/2013 P	0	1	28 6	28 81	28 4	28 74	28 74	0	184900	0 91145	26 2	26 21
AWR	12/18/2013 P	0	1	28 33	28 86	28 18	28 6	28 6	0	316900	0 91145	26 07	26 08
AWR	12/17/2013 P	0	1	27 87	28 35	27 8	28 22	28 22	0	189000	0 91145	25 72	25 74
AWR	12/16/2013 P	0	1	27 24	27 95	27 09	27 8	27 8	0	199300	0 91145	25 34	25 35
AWR	12/13/2013 P	0	1	27 06	27 33	26 86	27 18	27 18	0	253000	0 91145	24 77	24 79
AWR	12/12/2013 P	0	1	26 77	27 16	26 75	27 07	27 07	0	149000	0 91145	24 67	24 69
AWR	12/11/2013 P	0	1	27 78	27 94	26 72	26 81	26 81	0	181400	0 91145	24 44	24 45
AWR	12/10/2013 P	0	1	27 66	28	27 14	27 82	27 82	0	252700	0 91145	25 38	25 37
AWR	12/9/2013 P	0	1	27 82	27 83	27 44	27 65	27 65	0	82800	0 91145	25 2	25 22
AWR	12/6/2013 P	0	1	27 89	28 09	27 7	27 83	27 83	0	103100	0 91145	25 37	25 38
AWR	12/5/2013 P	0	1	27 5	27 71	27 27	27 57	27 57	0	76400	0 91145	25 13	25 14
AWR													

AWR	11/13/2013 P	0	1	28 16	28 51	27 87	28 36	28 36	0 203	109000	0 91145	25 85	25 86
AWR	11/12/2013 P	0	1	28 71	28 82	28 34	28 46	28 46	0	74800	0 904926	25 75	25 77
AWR	11/11/2013 P	0	1	28 75	28 8	28 36	28 77	28 77	0	98800	0 904926	26 03	26 05
AWR	11/8/2013 P	0	1	28 49	28 79	28 06	28 77	28 77	0	154500	0 904926	26 03	26 05
AWR	11/7/2013 P	0	1	28 87	28 88	28 39	28 52	28 52	0	108300	0 904926	25 81	25 82
AWR	11/6/2013 P	0	1	28 49	28 82	28 45	28 82	28 82	0	130000	0 904926	26 08	26 1
AWR	11/5/2013 P	0	1	28 4	28 68	28	28 34	28 34	0	122900	0 904926	25 65	25 66
AWR	11/4/2013 P	0	1	27 99	28 41	27 82	28 35	28 35	0	142300	0 904926	25 85	25 87
AWR	11/1/2013 P	0	1	28 41	28 51	27 78	27 94	27 94	0	173700	0 904926	25 28	25 3
AWR	10/31/2013 P	0	1	28 6	28 78	28 3	28 48	28 48	0	134300	0 904926	25 77	25 79
AWR	10/30/2013 P	0	1	28 89	28 89	28 47	28 62	28 62	0	124400	0 904926	25 9	25 91
AWR	10/29/2013 P	0	1	28 69	28 91	28 61	28 81	28 81	0	107900	0 904926	26 07	26 09
AWR	10/28/2013 P	0	1	28 44	28 75	28 43	28 64	28 64	0	182800	0 904926	25 92	25 93
AWR	10/25/2013 P	0	1	27 92	28 38	27 68	28 36	28 36	0	143300	0 904926	25 66	25 68
AWR	10/24/2013 P	0	1	27 87	27 9	27 59	27 78	27 78	0	131200	0 904926	25 14	25 15
AWR	10/23/2013 P	0	1	27 76	27 96	27 54	27 76	27 76	0	233200	0 904926	25 12	25 14
AWR	10/22/2013 P	0	1	28 66	29 17	27 86	27 92	27 92	0	329300	0 904926	25 27	25 28
AWR	10/21/2013 P	0	1	28 5	28 87	28 4	28 48	28 48	0	175300	0 904926	25 77	25 79
AWR	10/18/2013 P	0	1	28 04	28 5	27 9	28 4	28 4	0	365900	0 904926	25 7	25 71
AWR	10/17/2013 P	0	1	27 2	27 85	27 07	27 84	27 84	0	183000	0 904926	25 19	25 21
AWR	10/16/2013 P	0	1	27 14	27 41	27 11	27 22	27 22	0	272100	0 904926	24 63	24 65
AWR	10/15/2013 P	0	1	27 37	27 68	27 03	27 04	27 04	0	215700	0 904926	24 47	24 48
AWR	10/14/2013 P	0	1	27 68	27 77	27 23	27 5	27 5	0	197000	0 904926	24 89	24 9
AWR	10/11/2013 P	0	1	27 22	27 91	27 17	27 91	27 91	0	158600	0 904926	25 26	25 27
AWR	10/10/2013 P	0	1	26 96	27 45	26 77	27 34	27 34	0	87800	0 904926	24 74	24 75
AWR	10/9/2013 P	0	1	26 81	26 89	26 47	26 7	26 7	0	125700	0 904926	24 16	24 18
AWR	10/8/2013 P	0	1	26 8	26 92	26 45	26 48	26 48	0	147300	0 904926	23 96	23 98
AWR	10/7/2013 P	0	1	27	27 03	26 75	26 8	26 8	0	161900	0 904926	24 25	24 27
AWR	10/4/2013 P	0	1	27 23	27 42	27 04	27 06	27 06	0	91900	0 904926	24 49	24 5
AWR	10/3/2013 P	0	1	27 46	27 57	27 12	27 25	27 25	0	497100	0 904926	24 66	24 67
AWR	10/2/2013 P	0	1	27 42	27 68	27 21	27 52	27 52	0	274900	0 904926	24 9	24 92
AWR	10/1/2013 P	0	1	27 58	27 81	27 45	27 67	27 67	0	140100	0 904926	25 04	25 05
AWR	9/30/2013 P	0	1	27 18	27 56	27 09	27 56	27 56	0	301600	0 904926	24 94	24 95
AWR	9/27/2013 P	0	1	27 21	27 44	27 18	27 31	27 31	0	244700	0 904926	24 71	24 73
AWR	9/26/2013 P	0	1	27 28	27 49	27 11	27 41	27 41	0	192900	0 904926	24 8	24 82
AWR	9/25/2013 P	0	1	27 16	27 25	27	27 17	27 17	0	300300	0 904926	24 59	24 6
AWR	9/24/2013 P	0	1	26 82	27 18	26 73	27 05	27 05	0	195100	0 904926	24 48	24 49
AWR	9/23/2013 P	0	1	26 29	26 9	26 21	26 71	26 71	0	219300	0 904926	24 17	24 18
AWR	9/20/2013 P	0	1	26 76	26 95	26 2	26 2	26 2	0	854200	0 904926	23 71	23 72
AWR	9/19/2013 P	0	1	26 82	26 87	26 37	26 61	26 61	0	220500	0 904926	24 08	24 09
AWR	9/18/2013 P	0	1	26	26 61	25 91	26 51	26 51	0	249600	0 904926	23 99	24
AWR	9/17/2013 P	0	1	25 77	26 22	25 32	25 99	25 99	0	346200	0 904926	23 52	23 53
AWR	9/16/2013 P	0	1	26 5	26 58	25 07	25 22	25 22	0	530900	0 904926	22 82	22 84
AWR	9/13/2013 P	0	1	26 06	26 21	26	26 16	26 16	0	288600	0 904926	23 67	23 69
AWR	9/12/2013 P	0	1	26 25	26 39	25 76	25 82	25 82	0	304400	0 904926	23 37	23 38
AWR	9/11/2013 P	0	1	26 4	26 46	26 16	26 21	26 21	0	247200	0 904926	23 72	23 73
AWR	9/10/2013 P	0	1	26 39	26 53	26 18	26 46	26 46	0	302500	0 904926	23 94	23 96
AWR	9/9/2013 P	0	1	26 01	26 21	25 77	26 12	26 12	0	251700	0 904926	23 64	23 65
AWR	9/6/2013 P	0	1	25 96	26 07	25 71	25 84	25 84	0	255000	0 904926	23 38	23 4
AWR	9/5/2013 P	0	1	26 26	26 26	25 17	25 77	25 77	0	351400	0 904926	23 32	23 33
AWR	9/4/2013 P	0 5	1	26 32	26 38	25 85	26 11	26 11	0	374700	0 904926	23 63	23 64
AWR	9/3/2013 P	0	1	26 63	26 63	25 66	25 85	25 85	0	443600	0 904926	23 39	23 4
AWR	8/30/2013 P	0	1	26 7	27 02	26 2	26 3	26 3	0	197400	0 904926	23 8	23 81
AWR	8/29/2013 P	0	1	27 51	27 63	26 66	26 81	26 81	0	351000	0 904926	24 26	24 27
AWR	8/28/2013 P	0	1	27 44	27 66	27 33	27 5	27 5	0	99200	0 904926	24 89	24 9
AWR	8/27/2013 P	0	1	27 5	27 78	27 35	27 37	27 37	0	105200	0 904926	24 77	24 78
AWR	8/26/2013 P	0	1	28 1	28 25	27 63	27 72	27 72	0	131200	0 904926	25 08	25 1
AWR	8/23/2013 P	0	1	28 12	28 14	27 68	28 01	28 01	0	118600	0 904926	25 35	25 36
AWR	8/22/2013 P	0	1	27 63	28 04	27 42	27 96	27 96	0	171400	0 904926	25 3	25 31
AWR	8/21/2013 P	0	1	28 02	28 02	27 38	27 46	27 46	0	209400	0 904926	24 85	24 86
AWR	8/20/2013 P	0	1	27 79	28 41	27 75	28 15	28 15	0	164000	0 904926	25 47	25 49
AWR	8/19/2013 P	0	1	28 62	28 65	27 83	27 84	27 84	0	277000	0 904926	25 19	25 21
AWR	8/16/2013 P	0	1	29 05	29 13	28 64	28 74	28 74	0	223000	0 904926	26 01	26 02
AWR	8/15/2013 P	0	1	29 28	29 53	29 17	29 26	29 26	0	276600	0 904926	26 48	26 49
AWR	8/14/2013 P	0	1	31 07	31 19	29 6	29 71	29 71	0	348800	0 904926	26 89	26 9
AWR	8/13/2013 P	0	1	31 25	31 37	30 83	31	31	0 2025	149200	0 904926	28 05	28 06
AWR	8/12/2013 P	0	1	31 63	31 63	31 3	31 46	31 46	0	137200	0 899015	28 28	28 3
AWR	8/9/2013 P	0	1	31 75	32 06	31 61	31 73	31 73	0	158400	0 899015	28 53	28 54
AWR	8/8/2013 P	0	1	33	33 09	31 62	31 7	31 7	0	431400	0 899015	28 5	28 52
AWR	8/7/2013 P	0	1	32 46	32 99	32 28	32 86	32 86	0	561600	0 899015	29 54	29 56
AWR	8/6/2013 P	0	1	32 42	32 8	32 32	32 46	32 46	0	166400	0 899015	29 18	29 2
AWR	8/5/2013 P	0	1	32 35	32 71	32 19	32 61	32 61	0	157800	0 899015	29 32	29 33
AWR	8/2/2013 P	0	1	32 44	32 57	32 32	32 35	32 35	0	94800	0 899015	29 08	29 1
AWR	8/1/2013 P	0	1	32 31	32 58	32 24	32 41	32 41	0	190400	0 899015	29 14	29 15
AWR	7/31/2013 P	0	1	31 58	32 36	31 49	32 11	32 11	0	250400	0 899015	28 87	28 89
AWR	7/30/2013 P	0	1	31 5	31 88	31 28	31 54	31 54	0	162800	0 899015	28 35	28 37
AWR	7/29/2013 P	0	1	31 55	31 77	31 37	31 43	31 43	0	196600	0 899015	28 26	28 28
AWR	7/26/2013 P	0	1	31 25	31 72	31 2	31 59	31 59	0	331200	0 899015	28 4	28 42
AWR	7/25/2013 P	0	1	30 23	31 36	30 2	31 36	31 36	0	292400	0 899015	28 19	28 21
AWR	7/24/2013 P	0	1	30 73	30 79	30 13	30 22	30 22	0	196000	0 899015	27 17	27 18
AWR	7/23/2013 P	0	1	30 66	30 81	30 42	30 58	30 58	0	206200	0 899015	27 49	27 51
AWR	7/22/2013 P	0	1	30 14	30 55	30 13	30 47	30 47	0	177600	0 899015	27 39	27 41
AWR	7/19/2013 P	0	1	29 67	30 09	29 51	30 02	30 02	0	231800	0 899015	26 99	27 01
AWR	7/18/2013 P	0	1	29 36	29 73	29 36	29 67	29 67	0	149600	0 899015	26 67	26 69
AWR	7/17/2013 P	0	1	29 46	29 73	29 29	29 34	29 34	0	205600	0 899015	26 38	26 39
AWR	7/16/2013 P	0	1	29 69	29 71	29 07	29 26	29 26	0	277600	0 899015	26 31	26 32
AWR	7/15/2013 P	0	1	29 28	29 88	29 15	29 6	29 6	0	300000	0 899015	26 61	26 62
AWR	7/12/2013 P	0	1	28 51	29 19	28 26	29 14	29 14	0	291000	0 899015	26 2	26 21
AWR	7/11/2013 P	0	1	28 47	28 59	28 01	28 48	28 48	0	273800	0 899015	25 6	25 62
AWR	7/10/2013 P	0	1	27 58	28 14	27 58							

AWR	6/18/2013 P	0	1	27 03	27 41	26 97	27 35	27 35	0	185200	0 899015	24 59	24 6
AWR	6/17/2013 P	0	1	26 77	27 16	26 77	26 97	26 97	0	177600	0 899015	24 25	24 26
AWR	6/14/2013 P	0	1	27 03	27 05	26 37	26 58	26 58	0	262000	0 899015	23 9	23 91
AWR	6/13/2013 P	0	1	26 4	27 09	26 29	26 99	26 99	0	217400	0 899015	24 26	24 28
AWR	6/12/2013 P	0	1	26 81	26 63	26 26	26 48	26 48	0	253000	0 899015	23 81	23 82
AWR	6/11/2013 P	0	1	26 16	26 67	26 07	26 51	26 51	0	541400	0 899015	23 83	23 85
AWR	6/10/2013 P	0	1	26 53	26 53	26 14	26 46	26 46	0	467600	0 899015	23 79	23 8
AWR	6/7/2013 P	0	1	26 73	26 99	26 38	26 5	26 5	0	512800	0 899015	23 82	23 84
AWR	6/6/2013 P	0	1	26 35	26 65	26 33	26 63	26 63	0	253800	0 899015	23 94	23 96
AWR	6/5/2013 P	0	1	26 66	26 8	26 26	26 42	26 42	0	247400	0 899015	23 75	23 76
AWR	6/4/2013 P	0	1	27 11	27 23	26 67	26 77	26 77	0	505400	0 899015	24 07	24 08
AWR	6/3/2013 P	0	1	26 63	27 09	26 27	27 05	27 05	0	506600	0 899015	24 32	24 33
AWR	5/31/2013 P	0	1	27 37	27 45	26 55	26 57	26 57	0	429000	0 899015	23 89	23 9
AWR	5/30/2013 P	0	1	26 8	27 51	26 76	27 5	27 5	0	430400	0 899015	24 72	24 74
AWR	5/29/2013 P	0	1	27 42	27 42	26 66	26 73	26 73	0	302600	0 899015	24 03	24 05
AWR	5/28/2013 P	0	1	27 47	27 76	27 08	27 36	27 36	0	417600	0 899015	24 6	24 61
AWR	5/24/2013 P	0	1	26 8	27 22	26 77	27 17	27 17	0	267800	0 899015	24 43	24 44
AWR	5/23/2013 P	0	1	26 5	26 96	26 5	26 82	26 82	0	550000	0 899015	24 11	24 13
AWR	5/22/2013 P	0	1	27 56	27 75	26 64	26 7	26 7	0	381600	0 899015	24	24 02
AWR	5/21/2013 P	0	1	27 33	27 5	27 25	27 47	27 47	0	388400	0 899015	24 7	24 71
AWR	5/20/2013 P	0	1	26 96	27 22	26 81	27 21	27 21	0	372200	0 899015	24 46	24 48
AWR	5/17/2013 P	0	1	27 13	27 25	27	27 13	27 13	0	371800	0 899015	24 39	24 4
AWR	5/16/2013 P	0	1	27 03	27 27	26 95	27 12	27 12	0	169800	0 899015	24 38	24 39
AWR	5/15/2013 P	0	1	27 23	27 49	27 07	27 19	27 19	0	448400	0 899015	24 44	24 46
AWR	5/14/2013 P	0	1	26 57	27 22	26 51	27 21	27 21	0	284600	0 899015	24 46	24 48
AWR	5/13/2013 P	0	1	26 97	27 05	26 54	26 62	26 62	0 1775	290000	0 899015	23 93	23 94
AWR	5/10/2013 P	0	1	27 58	27 63	27 08	27 19	27 19	0	336000	0 89302	24 28	24 3
AWR	5/9/2013 P	0	1	27 39	27 62	27 02	27 26	27 26	0	415000	0 89302	24 34	24 36
AWR	5/8/2013 P	0	1	27 4	27 6	27 32	27 49	27 49	0	115000	0 89302	24 55	24 56
AWR	5/7/2013 P	0	1	27 07	27 4	26 93	27 39	27 39	0	357200	0 89302	24 46	24 48
AWR	5/6/2013 P	0	1	27 39	27 83	27 06	27 14	27 14	0	411800	0 89302	24 24	24 25
AWR	5/3/2013 P	0	1	27 7	27 98	27 28	27 46	27 46	0	551800	0 89302	24 52	24 54
AWR	5/2/2013 P	0	1	27 22	27 61	27 07	27 49	27 49	0	400400	0 89302	24 55	24 56
AWR	5/1/2013 P	0	1	27 65	27 76	27 1	27 11	27 11	0	288800	0 89302	24 21	24 23
AWR	4/30/2013 P	0	1	27 68	27 74	27 47	27 74	27 74	0	351000	0 89302	24 77	24 79
AWR	4/29/2013 P	0	1	27 69	28	27 64	27 76	27 76	0	187400	0 89302	24 79	24 81
AWR	4/28/2013 P	0	1	27 53	28 1	27 5	27 57	27 57	0	347400	0 89302	24 62	24 64
AWR	4/25/2013 P	0	1	27 96	28 15	27 61	27 62	27 62	0	193000	0 89302	24 67	24 68
AWR	4/24/2013 P	0	1	27 9	28 04	27 71	27 9	27 9	0	183400	0 89302	24 92	24 94
AWR	4/23/2013 P	0	1	27 68	28	27 51	27 86	27 86	0	159000	0 89302	24 88	24 9
AWR	4/22/2013 P	0	1	27 81	27 91	27 31	27 66	27 66	0	198400	0 89302	24 7	24 72
AWR	4/19/2013 P	0	1	27 76	28	27 56	27 87	27 87	0	277000	0 89302	24 89	24 9
AWR	4/18/2013 P	0	1	27 41	27 88	27 41	27 77	27 77	0	282000	0 89302	24 8	24 81
AWR	4/17/2013 P	0	1	27 67	27 84	27 13	27 4	27 4	0	286400	0 89302	24 47	24 48
AWR	4/16/2013 P	0	1	27 12	27 96	26 91	27 84	27 84	0	280800	0 89302	24 86	24 88
AWR	4/15/2013 P	0	1	28 14	28 3	26 88	26 94	26 94	0	413800	0 89302	24 06	24 08
AWR	4/12/2013 P	0	1	28 6	28 6	28 27	28 36	28 36	0	260400	0 89302	25 33	25 35
AWR	4/11/2013 P	0	1	28 71	28 75	28 33	28 62	28 62	0	275400	0 89302	25 56	25 58
AWR	4/10/2013 P	0	1	28 22	28 78	28 13	28 65	28 65	0	331400	0 89302	25 59	25 6
AWR	4/9/2013 P	0	1	28 19	28 27	28	28 11	28 11	0	342000	0 89302	25 1	25 12
AWR	4/8/2013 P	0	1	28 23	28 35	27 91	28 2	28 2	0	240200	0 89302	25 18	25 2
AWR	4/5/2013 P	0	1	27 7	28 14	27 7	28 12	28 12	0	182000	0 89302	25 11	25 13
AWR	4/4/2013 P	0	1	27 87	28 07	27 63	28 03	28 03	0	261400	0 89302	25 03	25 05
AWR	4/3/2013 P	0	1	28 23	28 24	27 7	27 79	27 79	0	173600	0 89302	24 82	24 84
AWR	4/2/2013 P	0	1	28 19	28 56	28 08	28 18	28 18	0	262200	0 89302	25 17	25 18
AWR	4/1/2013 P	0	1	28 79	28 9	27 8	27 97	27 97	0	442800	0 89302	24 98	25
AWR	3/28/2013 P	0	1	28 67	28 88	28 4	28 79	28 79	0	225600	0 89302	25 71	25 73
AWR	3/27/2013 P	0	1	28 24	28 66	28 14	28 58	28 58	0	359200	0 89302	25 52	25 54
AWR	3/26/2013 P	0	1	28 32	28 44	28 14	28 37	28 37	0	283800	0 89302	25 33	25 35
AWR	3/25/2013 P	0	1	28 2	28 44	28 06	28 13	28 13	0	211800	0 89302	25 12	25 14
AWR	3/22/2013 P	0	1	27 96	28 3	27 88	28 2	28 2	0	232200	0 89302	25 18	25 2
AWR	3/21/2013 P	0	1	27 75	27 96	27 6	27 83	27 83	0	206600	0 89302	24 85	24 87
AWR	3/20/2013 P	0	1	28 1	28 29	27 84	27 92	27 92	0	221800	0 89302	24 93	24 95
AWR	3/19/2013 P	0	1	27 25	28 08	27 02	28 03	28 03	0	330400	0 89302	25 03	25 05
AWR	3/18/2013 P	0	1	27 31	27 46	27 07	27 12	27 12	0	214400	0 89302	24 22	24 24
AWR	3/15/2013 P	0	1	27 66	27 73	27 4	27 44	27 44	0	537600	0 89302	24 5	24 52
AWR	3/14/2013 P	0	1	27 39	27 71	27 38	27 63	27 63	0	329400	0 89302	24 67	24 69
AWR	3/13/2013 P	0	1	27 48	27 55	27 37	27 39	27 39	0	90000	0 89302	24 46	24 48
AWR	3/12/2013 P	0	1	27 55	27 62	27 3	27 46	27 46	0	156000	0 89302	24 52	24 54
AWR	3/11/2013 P	0	1	27 77	27 87	27 38	27 52	27 52	0	267600	0 89302	24 58	24 59
AWR	3/8/2013 P	0	1	27 69	27 87	27 55	27 75	27 75	0	192000	0 89302	24 78	24 8
AWR	3/7/2013 P	0	1	27 72	27 8	27 5	27 59	27 59	0	151000	0 89302	24 64	24 66
AWR	3/6/2013 P	0	1	27 85	27 9	27 45	27 65	27 65	0	214000	0 89302	24 69	24 71
AWR	3/5/2013 P	0	1	27 68	28 07	27 59	27 77	27 77	0	304600	0 89302	24 8	24 81
AWR	3/4/2013 P	0	1	26 9	27 71	26 9	27 68	27 68	0	346600	0 89302	24 72	24 73
AWR	3/1/2013 P	0	1	26 5	27 07	26 32	26 86	26 86	0	241000	0 89302	23 99	24
AWR	2/28/2013 P	0	1	26 01	26 77	26 01	26 48	26 48	0	164200	0 89302	23 65	23 67
AWR	2/27/2013 P	0	1	26 21	26 37	25 88	26 03	26 03	0	176600	0 89302	23 25	23 26
AWR	2/26/2013 P	0	1	25 95	26 5	25 84	26 15	26 15	0	302400	0 89302	23 35	23 37
AWR	2/25/2013 P	0	1	26 35	26 35	25 75	25 78	25 78	0	195400	0 89302	23 02	23 04
AWR	2/22/2013 P	0	1	26 05	26 29	25 93	26 2	26 2	0	102200	0 89302	23 4	23 41
AWR	2/21/2013 P	0	1	26 09	26 31	25 8	26	26	0	166000	0 89302	23 22	23 23
AWR	2/20/2013 P	0	1	26 3	26 51	26 07	26 13	26 13	0	203000	0 89302	23 33	23 35
AWR	2/19/2013 P	0	1	25 85	26 3	25 74	26 27	26 27	0	327600	0 89302	23 46	23 47
AWR	2/15/2013 P	0	1	25 87	26 02	25 56	25 76	25 76	0	210400	0 89302	23	23 02
AWR	2/14/2013 P	0	1	25 85	26	25 43	25 67	25 67	0	195400	0 89302	22 92	22 94
AWR	2/13/2013 P	0	1	26 09	26 3	25 71	25 98	25 98	0 1775	199600	0 89302	23 2	23 22
AWR	2/12/2013 P	0	1	26 05	26 28	26 02	26 26	26 26	0	83200	0 886919	23 29	23 31
AWR	2/11/2013 P	0	1	26 02	26 08	25 81	25 98	25 98	0	134600	0 886919	23 04	23 06
AWR	2/8/2013 P	0	1	25 97	26 02	25 85	25 97	25 97	0	127800	0 886919	23 03	23 05
AWR	2/7/2013 P	0	1	25									

AWR	1/17/2013 P	0	1	25 15	25 39	25 02	25 3	25 3	0	81400	0 886919	22 44	22 45
AWR	1/16/2013 P	0	1	25 06	25 17	24 99	25 09	25 09	0	126400	0 886919	22 25	22 27
AWR	1/15/2013 P	0	1	25 09	25 09	24 81	25 04	25 04	0	162800	0 886919	22 21	22 23
AWR	1/14/2013 P	0	1	24 95	25 19	24 88	25 15	25 15	0	183600	0 886919	22 31	22 33
AWR	1/11/2013 P	0	1	24 67	24 99	24 58	24 95	24 95	0	129800	0 886919	22 13	22 15
AWR	1/10/2013 P	0	1	24 62	24 76	24 46	24 61	24 61	0	184800	0 886919	21 83	21 85
AWR	1/9/2013 P	0	1	24 38	24 58	24 26	24 55	24 55	0	175600	0 886919	21 77	21 79
AWR	1/8/2013 P	0	1	24 35	24 42	24 01	24 29	24 29	0	373200	0 886919	21 54	21 56
AWR	1/7/2013 P	0	1	24 51	24 52	24 3	24 3	24 3	0	163600	0 886919	21 55	21 57
AWR	1/4/2013 P	0	1	24 48	24 68	24 42	24 52	24 52	0	215600	0 886919	21 75	21 76
AWR	1/3/2013 P	0	1	24 63	24 68	24 15	24 36	24 36	0	257000	0 886919	21 61	21 62
AWR	1/2/2013 P	0	1	24 36	24 64	24 29	24 62	24 62	0	245000	0 886919	21 84	21 85
AWR	12/31/2012 P	0	1	23 69	24 07	23 55	23 99	23 99	0	193800	0 886919	21 28	21 3
AWR	12/28/2012 P	0	1	23 63	23 85	23 54	23 61	23 61	0	135200	0 886919	20 94	20 95
AWR	12/27/2012 P	0	1	23 73	23 77	23 36	23 66	23 66	0	118000	0 886919	20 98	21
AWR	12/26/2012 P	0	1	23 94	23 96	23 71	23 72	23 72	0	117200	0 886919	21 04	21 05
AWR	12/24/2012 P	0	1	23 88	24	23 7	23 99	23 99	0	98400	0 886919	21 28	21 29
AWR	12/21/2012 P	0	1	23 8	24 03	23 75	23 85	23 85	0	705800	0 886919	21 15	21 17
AWR	12/20/2012 P	0	1	23 76	24 07	23 71	23 91	23 91	0	217800	0 886919	21 21	21 22
AWR	12/19/2012 P	0	1	23 93	23 93	23 63	23 67	23 67	0	233000	0 886919	20 99	21 01
AWR	12/18/2012 P	0	1	23 61	23 88	23 43	23 87	23 87	0	329000	0 886919	21 17	21 19
AWR	12/17/2012 P	0	1	23 45	23 57	23 24	23 55	23 55	0	217800	0 886919	20 89	20 91
AWR	12/14/2012 P	0	1	23 26	23 51	23 26	23 42	23 42	0	174200	0 886919	20 77	20 79
AWR	12/13/2012 P	0	1	23 1	23 34	23 1	23 23	23 23	0	157800	0 886919	20 6	20 62
AWR	12/12/2012 P	0	1	23 43	23 44	23 04	23 15	23 15	0	167600	0 886919	20 53	20 55
AWR	12/11/2012 P	0	1	23 26	23 84	22 88	23 41	23 41	0	345600	0 886919	20 76	20 78
AWR	12/10/2012 P	0	1	23 18	23 44	23 15	23 32	23 32	0	170600	0 886919	20 68	20 7
AWR	12/7/2012 P	0	1	23 14	23 35	22 86	23 22	23 22	0	182400	0 886919	20 59	20 61
AWR	12/6/2012 P	0	1	22 86	23 12	22 7	23 02	23 02	0	136000	0 886919	20 42	20 43
AWR	12/5/2012 P	0	1	22 96	23	22 64	22 77	22 77	0	229200	0 886919	20 2	20 21
AWR	12/4/2012 P	0	1	22 78	22 9	22 54	22 85	22 85	0	326000	0 886919	20 27	20 28
AWR	12/3/2012 P	0	1	22 79	22 82	22 53	22 75	22 75	0	140400	0 886919	20 18	20 2
AWR	11/30/2012 P	0	1	22 91	22 91	22 52	22 75	22 75	0	198400	0 886919	20 18	20 2
AWR	11/29/2012 P	0	1	22 72	22 98	22 37	22 81	22 81	0	218200	0 886919	20 23	20 25
AWR	11/28/2012 P	0	1	22 47	22 64	22 2	22 55	22 55	0	219800	0 886919	20	20 02
AWR	11/27/2012 P	0	1	22 36	22 58	22 11	22 46	22 46	0	245600	0 886919	19 92	19 94
AWR	11/26/2012 P	0	1	21 57	22 37	21 57	22 36	22 36	0	253600	0 886919	19 83	19 84
AWR	11/23/2012 P	0	1	21 5	21 63	21 36	21 59	21 59	0	123400	0 886919	19 15	19 16
AWR	11/21/2012 P	0	1	21 5	21 78	21 43	21 65	21 65	0	130000	0 886919	19 2	19 21
AWR	11/20/2012 P	0	1	21 2	21 5	20 97	21 5	21 5	0	152800	0 886919	19 07	19 09
AWR	11/19/2012 P	0	1	21 14	21 36	20 92	21 26	21 26	0	192600	0 886919	18 86	18 87
AWR	11/16/2012 P	0	1	20 75	21 05	20 32	20 97	20 97	0	236600	0 886919	18 6	18 61
AWR	11/15/2012 P	0	1	21 05	21 24	20 65	20 82	20 82	0	120800	0 886919	18 47	18 48
AWR	11/14/2012 P	0	1	21 38	21 49	21 02	21 13	21 13	0	128200	0 886919	18 74	18 75
AWR	11/13/2012 P	0	1	21 5	21 7	21 33	21 39	21 39	0	229600	0 886919	18 97	18 99
AWR	11/12/2012 P	0	1	21 71	21 79	21 5	21 52	21 52	0	106000	0 886919	19 09	19 1
AWR	11/9/2012 P	0	1	21 7	21 93	21 62	21 62	21 62	0	166000	0 886919	19 18	19 19
AWR	11/8/2012 P	0	1	21 81	22 15	21 81	21 82	21 82	0	236400	0 886919	19 35	19 37
AWR	11/7/2012 P	0	1	22 2	22 23	21 79	21 9	21 9	0 1775	247200	0 886919	19 42	19 44
AWR	11/6/2012 P	0	1	22 49	22 75	22 23	22 43	22 43	0	191600	0 879731	19 73	19 75
AWR	11/5/2012 P	0	1	21 85	22 9	21 85	22 37	22 37	0	359600	0 879731	19 68	19 7
AWR	11/2/2012 P	0	1	22 27	22 27	21 72	21 74	21 74	0	116000	0 879731	19 13	19 15
AWR	11/1/2012 P	0	1	22 04	22 12	21 75	22 12	22 12	0	217600	0 879731	19 46	19 48
AWR	10/31/2012 P	0	1	21 97	22 05	21 81	22 01	22 01	0	107800	0 879731	19 36	19 38
AWR	10/26/2012 P	0	1	22 08	22 08	21 74	21 97	21 97	0	178800	0 879731	19 33	19 35
AWR	10/25/2012 P	0	1	22 06	22 12	21 79	22 09	22 09	0	132200	0 879731	19 43	19 45
AWR	10/24/2012 P	0	1	21 74	21 92	21 62	21 85	21 85	0	154200	0 879731	19 22	19 24
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AWR	10/22/2012 P	0	1	21 57	22 25	21 57	22 11	22 11	0	279600	0 879731	19 45	19 47
AWR	10/19/2012 P	0	1	22 01	22 04	21 62	21 62	21 62	0	257800	0 879731	19 02	19 04
AWR	10/18/2012 P	0	1	22 26	22 3	22 11	22 11	22 11	0	143400	0 879731	19 45	19 47
AWR	10/17/2012 P	0	1	21 96	22 27	21 85	22 26	22 26	0	133600	0 879731	19 58	19 6
AWR	10/16/2012 P	0	1	21 98	22 07	21 83	21 93	21 93	0	162000	0 879731	19 29	19 31
AWR	10/15/2012 P	0	1	22 1	22 1	21 95	21 95	21 95	0	195400	0 879731	19 31	19 33
AWR	10/12/2012 P	0	1	22 06	22 13	21 94	22 01	22 01	0	192600	0 879731	19 36	19 38
AWR	10/11/2012 P	0	1	22 19	22 19	21 93	22 09	22 09	0	127800	0 879731	19 43	19 45
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AWR	10/8/2012 P	0	1	22 1	22 18	22	22 15	22 15	0	89800	0 879731	19 49	19 51
AWR	10/5/2012 P	0	1	22 2	22 46	22 1	22 14	22 14	0	130600	0 879731	19 48	19 5
AWR	10/4/2012 P	0	1	22 21	22 3	21 96	22 2	22 2	0	137400	0 879731	19 53	19 55
AWR	10/3/2012 P	0	1	22 12	22 28	21 93	22 12	22 12	0	86800	0 879731	19 46	19 48
AWR	10/2/2012 P	0	1	22 01	22 08	21 84	22 06	22 06	0	147000	0 879731	19 41	19 42
AWR	10/1/2012 P	0	1	22 27	22 3	21 85	21 97	21 97	0	198200	0 879731	19 33	19 35
AWR	9/28/2012 P	0	1	21 73	22 29	21 73	22 22	22 22	0	191200	0 879731	19 55	19 56
AWR	9/27/2012 P	0	1	21 91	21 91	21 57	21 73	21 73	0	186800	0 879731	19 12	19 14
AWR	9/26/2012 P	0	1	21 9	22 03	21 7	21 82	21 82	0	187400	0 879731	19 2	19 21
AWR	9/25/2012 P	0	1	22 24	22 33	21 81	21 83	21 83	0	252200	0 879731	19 2	19 22
AWR	9/24/2012 P	0	1	21 75	22 3	21 75	22 21	22 21	0	350600	0 879731	19 54	19 56
AWR	9/21/2012 P	0	1	21 74	22 15	21 59	21 86	21 86	0	928000	0 879731	19 23	19 25
AWR	9/20/2012 P	0	1	21 44	21 6	21 44	21 51	21 51	0	267800	0 879731	18 92	18 94
AWR	9/19/2012 P	0	1	21 96	21 96	21 4	21 46	21 46	0	359200	0 879731	18 88	18 9
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AWR	9/17/2012 P	0	1	21 67	21 85	21 53	21 84	21 84	0	294800	0 879731	19 21	19 23
AWR	9/14/2012 P	0	1	21 89	21 97	21 66	21 8	21 8	0	363400	0 879731	19 18	19 2
AWR	9/13/2012 P	0	1	21 71	22 03	21 55	21 9	21 9	0	234000	0 879731	19 27	19 28
AWR	9/12/2012 P	0	1	21 74	21 83	21 53	21 63	21 63	0	304200	0 879731	19 03	19 05
AWR	9/11/2012 P	0	1	22 2	22 2	21 58	21 74	21 74	0	278400	0 879731	19 13	19 15
AWR	9/10/2012 P	0	1	22 01	22 18	21 66	22 12	22 12	0	222200	0 879731	19 46	19 48
AWR	9/7/2012 P	0</											

AWR	8/16/2012 P	0	1	22 24	22 67	22 2	22 64	22 64	0	302000	0 879731	19 92	19 93
AWR	8/15/2012 P	0	1	22 37	22 57	22 14	22 2	22 2	0	312600	0 879731	19 53	19 55
AWR	8/14/2012 P	0	1	22 25	22 46	22 15	22 37	22 37	0	478400	0 879731	19 68	19 7
AWR	8/13/2012 P	0	1	21 9	22 2	21 84	22 16	22 16	0	340000	0 879731	19 49	19 51
AWR	8/10/2012 P	0	1	21 98	22 08	21 57	21 88	21 88	0	384200	0 879731	19 25	19 26
AWR	8/9/2012 P	0	1	21 66	22 13	21 57	21 97	21 97	0 1775	268000	0 879731	19 33	19 34
AWR	8/8/2012 P	0	1	21 76	21 87	21 57	21 75	21 75	0	279400	0 872623	18 98	19
AWR	8/7/2012 P	0	1	20 92	21 9	20 92	21 76	21 76	0	311600	0 872623	18 99	19
AWR	8/6/2012 P	0	1	21 38	21 46	20 28	20 89	20 89	0	421400	0 872623	18 23	18 25
AWR	8/3/2012 P	0	1	20 45	20 79	20 26	20 72	20 72	0	357200	0 872623	18 08	18 1
AWR	8/2/2012 P	0	1	20 08	20 33	20 06	20 28	20 28	0	170800	0 872623	17 7	17 71
AWR	8/1/2012 P	0	1	20 48	20 81	20 14	20 17	20 17	0	246600	0 872623	17 6	17 61
AWR	7/31/2012 P	0	1	20 66	20 77	20 28	20 33	20 33	0	147800	0 872623	17 74	17 75
AWR	7/30/2012 P	0	1	20 38	20 76	20 38	20 66	20 66	0	214800	0 872623	18 03	18 05
AWR	7/27/2012 P	0	1	19 98	20 46	19 98	20 3	20 3	0	159400	0 872623	17 71	17 73
AWR	7/26/2012 P	0	1	20 3	20 3	19 88	19 98	19 98	0	195600	0 872623	17 44	17 45
AWR	7/25/2012 P	0	1	20 31	20 31	20 02	20 11	20 11	0	124800	0 872623	17 55	17 56
AWR	7/24/2012 P	0	1	20 2	20 24	20 06	20 2	20 2	0	110600	0 872623	17 63	17 64
AWR	7/23/2012 P	0	1	20 21	20 4	20 14	20 26	20 26	0	181200	0 872623	17 68	17 7
AWR	7/20/2012 P	0	1	20 19	20 49	20 14	20 44	20 44	0	182400	0 872623	17 84	17 85
AWR	7/19/2012 P	0	1	20 47	20 47	20 19	20 25	20 25	0	111800	0 872623	17 67	17 68
AWR	7/18/2012 P	0	1	20 43	20 57	20 38	20 46	20 46	0	110600	0 872623	17 85	17 87
AWR	7/17/2012 P	0	1	20 58	20 7	20 41	20 49	20 49	0	157000	0 872623	17 88	17 9
AWR	7/16/2012 P	0	1	20 55	20 61	20 39	20 48	20 48	0	118800	0 872623	17 87	17 89
AWR	7/13/2012 P	0	1	20 37	20 63	20 26	20 62	20 62	0	185200	0 872623	17 99	18 01
AWR	7/12/2012 P	0	1	20 57	20 86	20 1	20 25	20 25	0	296600	0 872623	17 67	17 69
AWR	7/11/2012 P	0	1	20 57	20 86	20 57	20 76	20 76	0	146000	0 872623	18 12	18 13
AWR	7/10/2012 P	0	1	20 5	20 6	20 37	20 57	20 57	0	112600	0 872623	17 95	17 97
AWR	7/9/2012 P	0	1	20 08	20 48	20 07	20 47	20 47	0	271200	0 872623	17 86	17 88
AWR	7/6/2012 P	0	1	20 09	20 24	19 97	20 09	20 09	0	178000	0 872623	17 53	17 54
AWR	7/5/2012 P	0	1	20 18	20 28	20 06	20 22	20 22	0	91400	0 872623	17 64	17 66
AWR	7/3/2012 P	0	1	19 88	20 22	19 88	20 22	20 22	0	93800	0 872623	17 64	17 66
AWR	7/2/2012 P	0	1	19 85	19 95	19 72	19 91	19 91	0	285200	0 872623	17 37	17 39
AWR	6/29/2012 P	0	1	19 96	19 96	19 68	19 79	19 79	0	170200	0 872623	17 27	17 29
AWR	6/28/2012 P	0	1	19 58	19 73	19 43	19 71	19 71	0	144400	0 872623	17 2	17 22
AWR	6/27/2012 P	0	1	19 4	19 68	19 27	19 62	19 62	0	110800	0 872623	17 12	17 14
AWR	6/26/2012 P	0	1	19 13	19 36	19 02	19 29	19 29	0	157400	0 872623	16 83	16 85
AWR	6/25/2012 P	0	1	18 99	19 28	18 73	19 12	19 12	0	222800	0 872623	16 68	16 7
AWR	6/22/2012 P	0	1	19 06	19 32	19 05	19 2	19 2	0	402400	0 872623	16 75	16 77
AWR	6/21/2012 P	0	1	19 33	19 39	18 93	18 96	18 96	0	140200	0 872623	16 54	16 56
AWR	6/20/2012 P	0	1	19 35	19 42	19 17	19 3	19 3	0	150000	0 872623	16 84	16 86
AWR	6/19/2012 P	0	1	19 15	19 48	19 14	19 33	19 33	0	202000	0 872623	16 87	16 88
AWR	6/18/2012 P	0	1	18 97	19 25	18 9	19 21	19 21	0	136200	0 872623	16 76	16 78
AWR	6/15/2012 P	0	1	19 17	19 25	18 99	19 02	19 02	0	423400	0 872623	16 6	16 61
AWR	6/14/2012 P	0	1	18 97	19 17	18 83	19 14	19 14	0	210200	0 872623	16 7	16 71
AWR	6/13/2012 P	0	1	18 84	19	18 78	18 99	18 99	0	194000	0 872623	16 57	16 58
AWR	6/12/2012 P	0	1	18 73	18 97	18 6	18 9	18 9	0	227000	0 872623	16 49	16 51
AWR	6/11/2012 P	0	1	18 95	19	18 72	18 73	18 73	0	222200	0 872623	16 34	16 36
AWR	6/8/2012 P	0	1	18 59	18 9	18 49	18 83	18 83	0	141200	0 872623	16 43	16 44
AWR	6/7/2012 P	0	1	18 74	18 94	18 45	18 64	18 64	0	280200	0 872623	16 27	16 28
AWR	6/6/2012 P	0	1	18 62	18 66	18 44	18 66	18 66	0	175800	0 872623	16 28	16 3
AWR	6/5/2012 P	0	1	18 33	18 62	18 31	18 59	18 59	0	124800	0 872623	16 22	16 23
AWR	6/4/2012 P	0	1	18 34	18 5	18 28	18 35	18 35	0	158800	0 872623	16 01	16 03
AWR	6/1/2012 P	0	1	18 1	18 49	18 1	18 31	18 31	0	151400	0 872623	15 98	15 99
AWR	5/31/2012 P	0	1	18 32	18 47	18 21	18 4	18 4	0	234600	0 872623	16 06	16 07
AWR	5/30/2012 P	0	1	18 21	18 35	18 21	18 27	18 27	0	155200	0 872623	15 94	15 95
AWR	5/29/2012 P	0	1	18 37	18 38	18 2	18 31	18 31	0	118600	0 872623	15 98	15 99
AWR	5/25/2012 P	0	1	18 5	18 5	18 15	18 27	18 27	0	219200	0 872623	15 94	15 96
AWR	5/24/2012 P	0	1	18 25	18 5	18 17	18 5	18 5	0	139800	0 872623	16 14	16 16
AWR	5/23/2012 P	0	1	18 16	18 45	18 1	18 23	18 23	0	250000	0 872623	15 91	15 92
AWR	5/22/2012 P	0	1	18 44	18 46	18 14	18 25	18 25	0	244000	0 872623	15 93	15 94
AWR	5/21/2012 P	0	1	18 45	18 46	18 17	18 35	18 35	0	180600	0 872623	16 01	16 03
AWR	5/18/2012 P	0	1	18 17	18 47	18 17	18 3	18 3	0	160600	0 872623	15 97	15 98
AWR	5/17/2012 P	0	1	18 44	18 46	18 21	18 21	18 21	0	132400	0 872623	15 89	15 91
AWR	5/16/2012 P	0	1	18 55	18 63	18 45	18 53	18 53	0	133400	0 872623	16 17	16 18
AWR	5/15/2012 P	0	1	18 48	18 63	18 31	18 48	18 48	0	180000	0 872623	16 13	16 14
AWR	5/14/2012 P	0	1	18 24	18 59	18 24	18 44	18 44	0	208800	0 872623	16 09	16 1
AWR	5/11/2012 P	0	1	18 45	18 53	18 23	18 39	18 39	0	250000	0 872623	16 05	16 06
AWR	5/10/2012 P	0	1	18 4	18 62	18 31	18 52	18 52	0 14	201200	0 872623	16 16	16 18
AWR	5/9/2012 P	0	1	18 42	18 5	18 31	18 37	18 37	0	184000	0 866026	15 91	15 92
AWR	5/8/2012 P	0	1	18 29	18 7	18 29	18 53	18 53	0	247200	0 866026	16 05	16 06
AWR	5/7/2012 P	0	1	18 11	18 7	18 1	18 4	18 4	0	234000	0 866026	15 93	15 95
AWR	5/4/2012 P	0	1	17 88	18	17 82	17 9	17 9	0	154600	0 866026	15 5	15 52
AWR	5/3/2012 P	0	1	17 99	18 25	17 87	17 92	17 92	0	289200	0 866026	15 52	15 53
AWR	5/2/2012 P	0	1	18 03	18 04	17 82	17 97	17 97	0	216000	0 866026	15 56	15 58
AWR	5/1/2012 P	0	1	18 19	18 44	18 06	18 08	18 08	0	118600	0 866026	15 66	15 67
AWR	4/30/2012 P	0	1	18 41	18 41	18 17	18 22	18 22	0	220000	0 866026	15 78	15 79
AWR	4/27/2012 P	0	1	18 23	18 48	18 09	18 45	18 45	0	138200	0 866026	15 98	15 99
AWR	4/26/2012 P	0	1	18 14	18 2	18	18 16	18 16	0	142200	0 866026	15 73	15 74
AWR	4/25/2012 P	0	1	18 14	18 23	18 01	18 17	18 17	0	248000	0 866026	15 74	15 75
AWR	4/24/2012 P	0	1	17 6	17 99	17 6	17 98	17 98	0	231800	0 866026	15 57	15 59
AWR	4/23/2012 P	0	1	17 64	17 74	17 49	17 61	17 61	0	191600	0 866026	15 25	15 26
AWR	4/20/2012 P	0	1	17 66	17 9	17 58	17 82	17 82	0	255400	0 866026	15 43	15 44
AWR	4/19/2012 P	0	1	17 65	17 75	17 5	17 53	17 53	0	131200	0 866026	15 18	15 19
AWR	4/18/2012 P	0	1	17 73	17 86	17 55	17 63	17 63	0	128000	0 866026	15 27	15 28
AWR	4/17/2012 P	0	1	17 79	17 99	17 69	17 85	17 85	0	92400	0 866026	15 46	15 47
AWR	4/16/2012 P	0	1	17 56	17 8	17 51	17 66	17 66	0	241600	0 866026	15 29	15 31
AWR	4/13/2012 P	0	1	17 65	17 78	17 53	17 58	17 58	0	131800	0 866026	15 22	15 24
AWR	4/12/2012 P	0	1	17 64	17 9	17 6	17 72	17 72	0	210000	0 866026	15 35	15 36
AWR	4/11/2012 P	0	1	17 7	17 8	17 51	17 67	17 67	0	214			

AWR	3/20/2012 P	0	1	18 38	18 53	18 28	18 34	18 34	0	166800	0 866026	15 88	15 89
AWR	3/19/2012 P	0	1	18 37	18 7	18 29	18 47	18 47	0	171000	0 866026	16	16 01
AWR	3/16/2012 P	0	1	18 46	18 54	18 37	18 48	18 48	0	392600	0 866026	16	16 01
AWR	3/15/2012 P	0	1	18 55	18 64	18 34	18 47	18 47	0	167800	0 866026	16	16 01
AWR	3/14/2012 P	0	1	18 97	19	18 4	18 53	18 53	0	327600	0 866026	16 05	16 06
AWR	3/13/2012 P	0	1	18 45	19	18 43	19	19	0	392400	0 866026	16 45	16 47
AWR	3/12/2012 P	0	1	18 52	18 84	18 26	18 33	18 33	0	221000	0 866026	15 87	15 88
AWR	3/9/2012 P	0	1	18 6	18 8	18 49	18 74	18 74	0	222600	0 866026	16 23	16 24
AWR	3/8/2012 P	0	1	18 61	18 65	18 34	18 57	18 57	0	167200	0 866026	16 08	16 09
AWR	3/7/2012 P	0	1	18 42	18 66	18 19	18 56	18 56	0	326800	0 866026	16 07	16 09
AWR	3/6/2012 P	0	1	18 42	18 58	18 25	18 36	18 36	0	298800	0 866026	15 9	15 91
AWR	3/5/2012 P	0	1	18 17	18 54	18 06	18 53	18 53	0	196800	0 866026	16 05	16 06
AWR	3/2/2012 P	0	1	18 23	18 46	18 14	18 23	18 23	0	395200	0 866026	15 79	15 8
AWR	3/1/2012 P	0	1	18 53	18 64	18 14	18 19	18 19	0	236000	0 866026	15 75	15 77
AWR	2/29/2012 P	0	1	18 51	18 83	18 39	18 43	18 43	0	425400	0 866026	15 96	15 98
AWR	2/28/2012 P	0	1	18 66	18 72	18 34	18 43	18 43	0	155400	0 866026	15 96	15 98
AWR	2/27/2012 P	0	1	18 55	18 66	18 37	18 6	18 6	0	161000	0 866026	16 11	16 12
AWR	2/24/2012 P	0	1	18 69	18 7	18 2	18 61	18 61	0	231800	0 866026	16 12	16 13
AWR	2/23/2012 P	0	1	18 43	18 94	18 43	18 73	18 73	0	249600	0 866026	16 22	16 24
AWR	2/22/2012 P	0	1	18 44	18 59	18 37	18 43	18 43	0	104800	0 866026	15 96	15 98
AWR	2/21/2012 P	0	1	18 56	18 68	18 38	18 53	18 53	0	128800	0 866026	16 05	16 06
AWR	2/17/2012 P	0	1	18 74	18 76	18 26	18 52	18 52	0	305000	0 866026	16 04	16 05
AWR	2/16/2012 P	0	1	18 35	18 87	18 33	18 67	18 67	0	244600	0 866026	16 17	16 18
AWR	2/15/2012 P	0	1	18 4	18 48	18 21	18 32	18 32	0	172400	0 866026	15 87	15 88
AWR	2/14/2012 P	0	1	18 5	18 52	18 2	18 38	18 38	0	154000	0 866026	15 92	15 93
AWR	2/13/2012 P	0	1	18 37	18 75	18 37	18 53	18 53	0	180800	0 866026	16 05	16 06
AWR	2/10/2012 P	0	1	18 64	18 69	18 27	18 27	18 27	0 14	199000	0 866026	15 82	15 84
AWR	2/9/2012 P	0	1	18 92	18 96	18 7	18 82	18 82	0	253800	0 85939	16 17	16 19
AWR	2/8/2012 P	0	1	18 75	18 91	18 62	18 85	18 85	0	185800	0 85939	16 2	16 22
AWR	2/7/2012 P	0	1	18 56	18 75	18 56	18 74	18 74	0	176200	0 85939	16 1	16 12
AWR	2/6/2012 P	0	1	18 6	18 71	18 45	18 52	18 52	0	273000	0 85939	15 92	15 93
AWR	2/3/2012 P	0	1	18 75	18 75	18 46	18 53	18 53	0	333200	0 85939	15 92	15 94
AWR	2/2/2012 P	0	1	18 38	18 69	18 38	18 55	18 55	0	165000	0 85939	15 94	15 96
AWR	2/1/2012 P	0	1	18 16	18 5	17 98	18 44	18 44	0	377600	0 85939	15 85	15 86
AWR	1/31/2012 P	0	1	17 76	18 17	17 72	18 09	18 09	0	369600	0 85939	15 55	15 56
AWR	1/30/2012 P	0	1	17 8	17 86	17 68	17 71	17 71	0	202200	0 85939	15 22	15 23
AWR	1/27/2012 P	0	1	18 14	18 14	17 76	17 84	17 84	0	247600	0 85939	15 33	15 35
AWR	1/26/2012 P	0	1	17 94	18 2	17 88	18 14	18 14	0	223600	0 85939	15 59	15 61
AWR	1/25/2012 P	0	1	17 75	17 94	17 7	17 91	17 91	0	204600	0 85939	15 39	15 41
AWR	1/24/2012 P	0	1	17 79	17 82	17 65	17 79	17 79	0	154600	0 85939	15 29	15 3
AWR	1/23/2012 P	0	1	17 87	17 9	17 71	17 81	17 81	0	195800	0 85939	15 31	15 32
AWR	1/20/2012 P	0	1	17 6	17 87	17 6	17 84	17 84	0	253600	0 85939	15 33	15 35
AWR	1/19/2012 P	0	1	17 65	17 7	17 44	17 56	17 56	0	134200	0 85939	15 09	15 1
AWR	1/18/2012 P	0	1	17 69	17 7	17 23	17 61	17 61	0	297400	0 85939	15 13	15 15
AWR	1/17/2012 P	0	1	17 34	17 77	17 34	17 63	17 63	0	342800	0 85939	15 15	15 17
AWR	1/13/2012 P	0	1	17 18	17 29	17 11	17 24	17 24	0	86600	0 85939	14 82	14 83
AWR	1/12/2012 P	0	1	17 3	17 37	17 16	17 31	17 31	0	171000	0 85939	14 88	14 89
AWR	1/11/2012 P	0	1	17 15	17 38	17 15	17 29	17 29	0	314600	0 85939	14 86	14 87
AWR	1/10/2012 P	0	1	17 3	17 3	17 09	17 15	17 15	0	205000	0 85939	14 74	14 75
AWR	1/9/2012 P	0	1	17 29	17 37	17 1	17 17	17 17	0	384400	0 85939	14 76	14 77
AWR	1/6/2012 P	0	1	17 2	17 25	17 04	17 19	17 19	0	167000	0 85939	14 77	14 79
AWR	1/5/2012 P	0	1	17 19	17 28	17 06	17 17	17 17	0	192000	0 85939	14 76	14 77
AWR	1/4/2012 P	0	1	17 47	17 57	17 2	17 2	17 2	0	195800	0 85939	14 78	14 8
AWR	1/3/2012 P	0	1	17 71	17 71	17 45	17 48	17 48	0	224600	0 85939	15 02	15 04
AWR	12/30/2011 P	0	1	17 64	17 73	17 42	17 45	17 45	0	76600	0 85939	15	15 01
AWR	12/29/2011 P	0	1	17 6	17 7	17 47	17 61	17 61	0	135200	0 85939	15 13	15 15
AWR	12/28/2011 P	0	1	17 84	17 84	17 47	17 53	17 53	0	142200	0 85939	15 07	15 08
AWR	12/27/2011 P	0	1	17 63	17 86	17 36	17 8	17 8	0	142800	0 85939	15 3	15 31
AWR	12/23/2011 P	0	1	17 49	17 68	17 4	17 61	17 61	0	71400	0 85939	15 13	15 15
AWR	12/22/2011 P	0	1	17 48	17 55	17 36	17 44	17 44	0	134200	0 85939	14 99	15 01
AWR	12/21/2011 P	0	1	17 45	17 61	17 33	17 45	17 45	0	164800	0 85939	15	15 01
AWR	12/20/2011 P	0	1	17 25	17 6	17 24	17 52	17 52	0	231200	0 85939	15 06	15 07
AWR	12/19/2011 P	0	1	17 33	17 56	17 08	17 08	17 08	0	137800	0 85939	14 68	14 69
AWR	12/16/2011 P	0	1	17 25	17 36	17 13	17 25	17 25	0	503800	0 85939	14 82	14 84
AWR	12/15/2011 P	0	1	17 37	17 38	17 14	17 25	17 25	0	188200	0 85939	14 82	14 84
AWR	12/14/2011 P	0	1	17 17	17 38	17 17	17 21	17 21	0	178600	0 85939	14 79	14 8
AWR	12/13/2011 P	0	1	17 62	17 66	17 16	17 28	17 28	0	218600	0 85939	14 85	14 87
AWR	12/12/2011 P	0	1	17 24	17 49	17 21	17 49	17 49	0	233400	0 85939	15 03	15 05
AWR	12/9/2011 P	0	1	17 11	17 46	17 11	17 37	17 37	0	222800	0 85939	14 93	14 94
AWR	12/8/2011 P	0	1	17 66	17 66	17 1	17 14	17 14	0	211200	0 85939	14 73	14 74
AWR	12/7/2011 P	0	1	17 79	17 88	17 56	17 78	17 78	0	133400	0 85939	15 28	15 29
AWR	12/6/2011 P	0	1	17 93	17 95	17 49	17 82	17 82	0	218000	0 85939	15 31	15 33
AWR	12/5/2011 P	0	1	17 84	18 06	17 75	17 89	17 89	0	269600	0 85939	15 37	15 39
AWR	12/2/2011 P	0	1	17 85	17 9	17 58	17 62	17 62	0	120400	0 85939	15 14	15 16
AWR	12/1/2011 P	0	1	17 58	17 93	17 51	17 68	17 68	0	243200	0 85939	15 19	15 21
AWR	11/30/2011 P	0	1	17 53	17 68	17 31	17 64	17 64	0	552600	0 85939	15 16	15 18
AWR	11/29/2011 P	0	1	17 13	17 33	17 08	17 15	17 15	0	127800	0 85939	14 74	14 75
AWR	11/28/2011 P	0	1	17 01	17 14	16 81	17 13	17 13	0	318800	0 85939	14 72	14 73
AWR	11/25/2011 P	0	1	16 85	17 11	16 78	16 79	16 79	0	120200	0 85939	14 43	14 44
AWR	11/23/2011 P	0	1	17 17	17 42	16 89	16 9	16 9	0	172600	0 85939	14 52	14 54
AWR	11/22/2011 P	0	1	17 74	17 84	17 3	17 32	17 32	0	198400	0 85939	14 88	14 9
AWR	11/21/2011 P	0	1	17 91	17 98	17 67	17 71	17 71	0	132600	0 85939	15 22	15 24
AWR	11/18/2011 P	0	1	17 95	18 14	17 9	18 1	18 1	0	151200	0 85939	15 55	15 57
AWR	11/17/2011 P	0	1	17 78	18 07	17 66	17 9	17 9	0	286600	0 85939	15 38	15 4
AWR	11/16/2011 P	0	1	17 67	17 99	17 67	17 73	17 73	0	897600	0 85939	15 24	15 25
AWR	11/15/2011 P	0	1	17 73	17 75	17 66	17 75	17 75	0	617200	0 85939	15 25	15 27
AWR	11/14/2011 P	0	1	17 6	17 75	17 59	17 75	17 75	0	317600	0 85939	15 25	15 27
AWR	11/11/2011 P	0	1	17 6	17 7	17 59	17 68	17 68	0	165000	0 85939	15 19	15 21
AWR	11/10/2011 P	0	1	17 6	17 6	17 37	17 5	17 5	0	109000	0 85939	15 04	15 05
AWR	11/9/2011 P	0	1	17 43	17 69	17 37	17 4	17 4	0	255800	0 85939	14 95	14 9

AWR	10/19/2011 P	0	1	17.4	17.67	17.36	17.51	17.51	0	242200	0.852577	14.93	14.94
AWR	10/18/2011 P	0	1	17.42	17.56	17.13	17.43	17.43	0	146200	0.852577	14.86	14.88
AWR	10/17/2011 P	0	1	17.46	17.51	17.19	17.32	17.32	0	124000	0.852577	14.77	14.78
AWR	10/14/2011 P	0	1	17.62	17.62	17.36	17.54	17.54	0	144400	0.852577	14.95	14.97
AWR	10/13/2011 P	0	1	17.17	17.6	17.07	17.56	17.56	0	169000	0.852577	14.97	14.99
AWR	10/12/2011 P	0	1	17.32	17.49	17.16	17.28	17.28	0	188600	0.852577	14.73	14.75
AWR	10/11/2011 P	0	1	17.28	17.47	17	17.25	17.25	0	272800	0.852577	14.71	14.72
AWR	10/10/2011 P	0	1	17.26	17.45	17.19	17.43	17.43	0	176600	0.852577	14.86	14.87
AWR	10/7/2011 P	0	1	17.26	17.3	16.88	17.06	17.06	0	200200	0.852577	14.54	14.56
AWR	10/6/2011 P	0	1	17.03	17.25	16.85	17.24	17.24	0	176000	0.852577	14.7	14.72
AWR	10/5/2011 P	0	1	17	17.39	16.72	17.04	17.04	0	338800	0.852577	14.53	14.54
AWR	10/4/2011 P	0	1	16.15	16.97	16.15	16.94	16.94	0	326000	0.852577	14.44	14.46
AWR	10/3/2011 P	0	1	16.85	16.89	16.17	16.22	16.22	0	441200	0.852577	13.83	13.85
AWR	9/30/2011 P	0	1	16.48	17.18	16.48	16.97	16.97	0	349200	0.852577	14.47	14.48
AWR	9/29/2011 P	0	1	16.66	16.83	16.43	16.68	16.68	0	610800	0.852577	14.22	14.24
AWR	9/28/2011 P	0	1	16.8	16.8	16.38	16.41	16.41	0	407800	0.852577	13.99	14.01
AWR	9/27/2011 P	0	1	16.86	17.15	16.76	16.91	16.91	0	238200	0.852577	14.42	14.43
AWR	9/26/2011 P	0	1	16.69	16.69	16.36	16.61	16.61	0	189400	0.852577	14.16	14.17
AWR	9/23/2011 P	0	1	16.3	16.7	16.26	16.63	16.63	0	264600	0.852577	14.18	14.2
AWR	9/22/2011 P	0	1	16.1	16.44	16.1	16.33	16.33	0	402800	0.852577	13.92	13.94
AWR	9/21/2011 P	0	1	16.81	16.88	16.33	16.34	16.34	0	156400	0.852577	13.93	13.95
AWR	9/20/2011 P	0	1	16.95	17.16	16.76	16.79	16.79	0	117200	0.852577	14.31	14.33
AWR	9/19/2011 P	0	1	16.89	17.01	16.73	16.89	16.89	0	105000	0.852577	14.4	14.41
AWR	9/16/2011 P	0	1	17.17	17.26	16.96	17.09	17.09	0	233600	0.852577	14.57	14.59
AWR	9/15/2011 P	0	1	17.19	17.28	16.85	17.07	17.07	0	202600	0.852577	14.55	14.57
AWR	9/14/2011 P	0	1	16.9	17.15	16.69	17.02	17.02	0	279600	0.852577	14.51	14.53
AWR	9/13/2011 P	0	1	16.79	16.82	16.52	16.75	16.75	0	148200	0.852577	14.28	14.3
AWR	9/12/2011 P	0	1	16.41	16.71	16.34	16.67	16.67	0	231800	0.852577	14.21	14.23
AWR	9/9/2011 P	0	1	16.84	16.88	16.38	16.5	16.5	0	241800	0.852577	14.07	14.08
AWR	9/8/2011 P	0	1	17.26	17.26	16.91	16.94	16.94	0	166400	0.852577	14.44	14.46
AWR	9/7/2011 P	0	1	17.02	17.31	16.84	17.31	17.31	0	321000	0.852577	14.76	14.78
AWR	9/6/2011 P	0	1	16.85	17.14	16.51	16.83	16.83	0	514200	0.852577	14.35	14.36
AWR	9/2/2011 P	0	1	17.2	17.54	17.1	17.1	17.1	0	180000	0.852577	14.58	14.59
AWR	9/1/2011 P	0	1	17.75	17.75	17.38	17.52	17.52	0	295800	0.852577	14.94	14.95
AWR	8/31/2011 P	0	1	17.7	17.75	17.56	17.75	17.75	0	282400	0.852577	15.13	15.15
AWR	8/30/2011 P	0	1	17.55	17.73	17.5	17.66	17.66	0	191200	0.852577	15.06	15.07
AWR	8/29/2011 P	0	1	17.38	17.64	17.17	17.64	17.64	0	147000	0.852577	15.04	15.06
AWR	8/26/2011 P	0	1	16.99	17.31	16.72	17.27	17.27	0	93800	0.852577	14.72	14.74
AWR	8/25/2011 P	0	1	17.64	17.64	16.79	17.05	17.05	0	267200	0.852577	14.54	14.55
AWR	8/24/2011 P	0	1	17.29	17.62	17.18	17.56	17.56	0	204800	0.852577	14.97	14.99
AWR	8/23/2011 P	0	1	16.82	17.29	16.69	17.28	17.28	0	230800	0.852577	14.73	14.75
AWR	8/22/2011 P	0	1	17.13	17.14	16.71	16.79	16.79	0	203200	0.852577	14.31	14.33
AWR	8/19/2011 P	0	1	16.65	17.2	16.65	16.81	16.81	0	178600	0.852577	14.33	14.34
AWR	8/18/2011 P	0	1	16.99	17.28	16.78	16.92	16.92	0	283600	0.852577	14.43	14.44
AWR	8/17/2011 P	0	1	17.38	17.59	17.24	17.33	17.33	0	125600	0.852577	14.78	14.79
AWR	8/16/2011 P	0	1	17.2	17.41	17	17.32	17.32	0	179600	0.852577	14.77	14.78
AWR	8/15/2011 P	0	1	17.1	17.58	17.1	17.33	17.33	0	224200	0.852577	14.78	14.79
AWR	8/12/2011 P	0	1	17.22	17.32	16.84	17.02	17.02	0	179600	0.852577	14.51	14.52
AWR	8/11/2011 P	0	1	16.55	17.54	16.42	17.14	17.14	0	344600	0.852577	14.61	14.63
AWR	8/10/2011 P	0	1	16.9	17.35	16.44	16.47	16.47	0	264800	0.852577	14.04	14.05
AWR	8/9/2011 P	0	1	16.24	17.36	15.27	17.3	17.3	0.14	652600	0.852577	14.75	14.77
AWR	8/8/2011 P	0	1	16.76	16.76	15.64	15.64	15.64	0	585800	0.845678	13.23	13.23
AWR	8/5/2011 P	0	1	17.18	17.18	16.51	16.69	16.69	0	293000	0.845678	14.11	14.12
AWR	8/4/2011 P	0	1	16.94	17.28	16.94	17.04	17.04	0	271600	0.845678	14.41	14.41
AWR	8/3/2011 P	0	1	16.96	17.14	16.83	17.13	17.13	0	104600	0.845678	14.49	14.49
AWR	8/2/2011 P	0	1	17.06	17.34	16.89	16.9	16.9	0	163000	0.845678	14.29	14.3
AWR	8/1/2011 P	0	1	17.23	17.23	16.9	17.09	17.09	0	133200	0.845678	14.45	14.45
AWR	7/29/2011 P	0	1	16.85	17.25	16.75	17.1	17.1	0	257000	0.845678	14.46	14.46
AWR	7/28/2011 P	0	1	16.98	17.11	16.9	16.94	16.94	0	163000	0.845678	14.33	14.33
AWR	7/27/2011 P	0	1	17.11	17.25	16.92	16.94	16.94	0	208200	0.845678	14.33	14.33
AWR	7/26/2011 P	0	1	17.36	17.36	17.16	17.18	17.18	0	77000	0.845678	14.53	14.53
AWR	7/25/2011 P	0	1	17.23	17.54	17.23	17.33	17.33	0	126600	0.845678	14.66	14.66
AWR	7/22/2011 P	0	1	17.61	17.61	17.07	17.38	17.38	0	176000	0.845678	14.7	14.7
AWR	7/21/2011 P	0	1	17.44	17.65	17.41	17.62	17.62	0	87400	0.845678	14.9	14.91
AWR	7/20/2011 P	0	1	17.36	17.43	17.29	17.37	17.37	0	95600	0.845678	14.69	14.69
AWR	7/19/2011 P	0	1	17.36	17.49	17.28	17.4	17.4	0	229200	0.845678	14.71	14.72
AWR	7/18/2011 P	0	1	17.48	17.49	17.24	17.31	17.31	0	128400	0.845678	14.64	14.64
AWR	7/15/2011 P	0	1	17.5	17.65	17.46	17.53	17.53	0	124600	0.845678	14.82	14.83
AWR	7/14/2011 P	0	1	17.7	17.78	17.45	17.5	17.5	0	91800	0.845678	14.8	14.8
AWR	7/13/2011 P	0	1	17.59	17.84	17.56	17.7	17.7	0	95200	0.845678	14.97	14.97
AWR	7/12/2011 P	0	1	17.5	17.64	17.47	17.53	17.53	0	109000	0.845678	14.82	14.83
AWR	7/11/2011 P	0	1	17.49	17.68	17.49	17.56	17.56	0	109200	0.845678	14.85	14.85
AWR	7/8/2011 P	0	1	17.63	17.74	17.44	17.7	17.7	0	174600	0.845678	14.97	14.97
AWR	7/7/2011 P	0	1	17.64	17.88	17.51	17.77	17.77	0	161000	0.845678	15.03	15.03
AWR	7/6/2011 P	0	1	17.5	17.6	17.48	17.57	17.57	0	88600	0.845678	14.86	14.86
AWR	7/5/2011 P	0	1	17.53	17.57	17.27	17.52	17.52	0	142200	0.845678	14.82	14.82
AWR	7/1/2011 P	0	1	17.4	17.6	17.4	17.51	17.51	0	157600	0.845678	14.81	14.81
AWR	6/30/2011 P	0	1	17.15	17.42	17.07	17.33	17.33	0	167200	0.845678	14.66	14.66
AWR	6/29/2011 P	0	1	17.31	17.31	16.98	17.17	17.17	0	263800	0.845678	14.52	14.52
AWR	6/28/2011 P	0	1	17.1	17.34	17.1	17.24	17.24	0	130400	0.845678	14.58	14.58
AWR	6/27/2011 P	0	1	17.08	17.19	16.98	17.02	17.02	0	137400	0.845678	14.39	14.39
AWR	6/24/2011 P	0	1	16.96	17.11	16.91	17.04	17.04	0	229000	0.845678	14.41	14.41
AWR	6/23/2011 P	0	1	16.74	16.93	16.63	16.92	16.92	0	126600	0.845678	14.31	14.31
AWR	6/22/2011 P	0	1	16.85	17.02	16.82	16.85	16.85	0	70000	0.845678	14.25	14.25
AWR	6/21/2011 P	0	1	16.99	17.01	16.72	16.95	16.95	0	156400	0.845678	14.33	14.34
AWR	6/20/2011 P	0	1	16.73	17.06	16.73	16.86	16.86	0	122200	0.845678	14.26	14.26
AWR	6/17/2011 P	0	1	16.86	16.94	16.56	16.76	16.76	0	362400	0.845678	14.17	14.18
AWR	6/16/2011 P	0	1	16.61	16.95	16.61	16.79	16.79	0	143800	0.845678	14.2	14.2
AWR	6/15/2011 P	0	1	16.63	16.76	16.52	16.63	16.63	0	161800	0.845678	14.06	14.06
AWR	6/14/2011 P	0	1	16.82	16.82	16.68	16						

AWR	5/23/2011 P	0	1	16 38	16 61	16 38	16 4	16 4	0	146600	0 845678	13 87	13 87
AWR	5/20/2011 P	0	1	16 64	16 64	16 53	16 55	16 55	0	210800	0 845678	14	14
AWR	5/19/2011 P	0	1	16 77	16 86	16 58	16 63	16 63	0	189800	0 845678	14 06	14 07
AWR	5/18/2011 P	0	1	16 68	16 75	16 55	16 72	16 72	0	119800	0 845678	14 14	14 14
AWR	5/17/2011 P	0	1	16 62	16 74	16 61	16 62	16 62	0	107800	0 845678	14 06	14 06
AWR	5/16/2011 P	0	1	16 71	16 77	16 64	16 67	16 67	0	152800	0 845678	14 1	14 1
AWR	5/13/2011 P	0	1	17 05	17 12	16 63	16 76	16 76	0	104200	0 845678	14 17	14 18
AWR	5/12/2011 P	0	1	16 77	17 04	16 75	17 01	17 01	0	152000	0 845678	14 38	14 39
AWR	5/11/2011 P	0	1	17 03	17 12	16 75	16 79	16 79	0	211000	0 845678	14 2	14 2
AWR	5/10/2011 P	0	1	16 92	17 08	16 83	17 05	17 05	0 14	138000	0 845678	14 42	14 42
AWR	5/9/2011 P	0	1	16 79	17 08	16 75	16 97	16 97	0	132000	0 838734	14 23	14 23
AWR	5/6/2011 P	0	1	17	17 4	16 8	16 83	16 83	0	149000	0 838734	14 12	14 12
AWR	5/5/2011 P	0	1	17 08	17 19	16 77	16 95	16 95	0	159200	0 838734	14 22	14 22
AWR	5/4/2011 P	0	1	17 36	17 41	17 17	17 17	17 17	0	86000	0 838734	14 4	14 4
AWR	5/3/2011 P	0	1	17 37	17 43	17 22	17 36	17 36	0	108000	0 838734	14 56	14 56
AWR	5/2/2011 P	0	1	17 53	17 58	17 38	17 41	17 41	0	146000	0 838734	14 6	14 6
AWR	4/29/2011 P	0	1	17 51	17 57	17 42	17 46	17 46	0	122000	0 838734	14 64	14 64
AWR	4/28/2011 P	0	1	17 4	17 49	17 35	17 48	17 48	0	111800	0 838734	14 66	14 66
AWR	4/27/2011 P	0	1	17 31	17 47	17 19	17 42	17 42	0	137800	0 838734	14 61	14 61
AWR	4/26/2011 P	0	1	17 25	17 38	17 14	17 34	17 34	0	114000	0 838734	14 54	14 55
AWR	4/25/2011 P	0	1	17 2	17 28	17 14	17 18	17 18	0	121000	0 838734	14 41	14 41
AWR	4/21/2011 P	0	1	17 36	17 4	17 09	17 2	17 2	0	201000	0 838734	14 43	14 43
AWR	4/20/2011 P	0	1	17 49	17 49	17 24	17 25	17 25	0	233400	0 838734	14 47	14 47
AWR	4/19/2011 P	0	1	17 52	17 53	17 24	17 25	17 25	0	249200	0 838734	14 47	14 47
AWR	4/18/2011 P	0	1	17 63	17 68	17 21	17 48	17 48	0	225200	0 838734	14 66	14 67
AWR	4/15/2011 P	0	1	17 32	18 07	17 32	17 84	17 84	0	325400	0 838734	14 96	14 97
AWR	4/14/2011 P	0	1	17 2	17 4	17 14	17 38	17 38	0	80200	0 838734	14 58	14 58
AWR	4/13/2011 P	0	1	17 22	17 56	17 22	17 31	17 31	0	114400	0 838734	14 52	14 52
AWR	4/12/2011 P	0	1	17 53	17 75	17 15	17 17	17 17	0	16000	0 838734	14 4	14 4
AWR	4/11/2011 P	0	1	17 63	17 78	17 47	17 63	17 63	0	156000	0 838734	14 79	14 79
AWR	4/8/2011 P	0	1	17 92	18 01	17 58	17 66	17 66	0	76000	0 838734	14 81	14 81
AWR	4/7/2011 P	0	1	18 14	18 14	17 73	17 81	17 81	0	148400	0 838734	14 94	14 94
AWR	4/6/2011 P	0	1	18 16	18 23	18 03	18 1	18 1	0	137400	0 838734	15 18	15 19
AWR	4/5/2011 P	0	1	18 11	18 12	17 93	18 06	18 06	0	157400	0 838734	15 15	15 15
AWR	4/4/2011 P	0	1	17 95	18 19	17 92	18 16	18 16	0	165200	0 838734	15 23	15 24
AWR	4/1/2011 P	0	1	18	18 11	17 92	17 98	17 98	0	134200	0 838734	15 08	15 08
AWR	3/31/2011 P	0	1	17 62	17 96	17 6	17 93	17 93	0	243200	0 838734	15 04	15 04
AWR	3/30/2011 P	0	1	18	18	17 55	17 62	17 62	0	740400	0 838734	14 78	14 78
AWR	3/29/2011 P	0	1	17 05	18 04	17 04	17 91	17 91	0	473600	0 838734	15 02	15 02
AWR	3/28/2011 P	0	1	17 14	17 24	16 93	16 95	16 95	0	125400	0 838734	14 22	14 22
AWR	3/25/2011 P	0	1	17 01	17 25	16 87	17 08	17 08	0	232800	0 838734	14 33	14 33
AWR	3/24/2011 P	0	1	16 98	17	16 88	16 92	16 92	0	73800	0 838734	14 19	14 2
AWR	3/23/2011 P	0	1	17 06	17 06	16 69	16 91	16 91	0	107400	0 838734	14 18	14 19
AWR	3/22/2011 P	0	1	16 89	17 07	16 89	17 01	17 01	0	112200	0 838734	14 27	14 27
AWR	3/21/2011 P	0	1	16 79	16 97	16 74	16 88	16 88	0	153800	0 838734	14 16	14 16
AWR	3/18/2011 P	0	1	16 52	16 76	16 39	16 66	16 66	0	275200	0 838734	13 97	13 97
AWR	3/17/2011 P	0	1	16 68	16 69	16 36	16 42	16 42	0	130200	0 838734	13 77	13 77
AWR	3/16/2011 P	0	1	16 68	16 78	16 34	16 46	16 46	0	258000	0 838734	13 81	13 81
AWR	3/15/2011 P	0	1	16 8	16 89	16 66	16 69	16 69	0	169400	0 838734	14	14
AWR	3/14/2011 P	0	1	16 92	17 15	16 65	17 05	17 05	0	379600	0 838734	14 3	14 3
AWR	3/11/2011 P	0	1	16 63	16 87	16 45	16 47	16 47	0	237600	0 838734	13 81	13 81
AWR	3/10/2011 P	0	1	16 98	17 04	16 61	16 62	16 62	0	151800	0 838734	13 94	13 94
AWR	3/9/2011 P	0	1	17 08	17 21	17 08	17 12	17 12	0	53400	0 838734	14 36	14 36
AWR	3/8/2011 P	0	1	16 87	17 19	16 82	17 1	17 1	0	107000	0 838734	14 34	14 35
AWR	3/7/2011 P	0	1	17 1	17 22	16 83	16 86	16 86	0	150400	0 838734	14 14	14 14
AWR	3/4/2011 P	0	1	17 15	17 15	16 72	17 05	17 05	0	247800	0 838734	14 3	14 3
AWR	3/3/2011 P	0	1	16 98	17 24	16 96	17 15	17 15	0	186000	0 838734	14 38	14 39
AWR	3/2/2011 P	0	1	16 64	16 79	16 53	16 76	16 76	0	160000	0 838734	14 06	14 06
AWR	3/1/2011 P	0	1	16 85	16 88	16 53	16 55	16 55	0	94200	0 838734	13 88	13 88
AWR	2/28/2011 P	0	1	16 86	16 99	16 7	16 77	16 77	0	129000	0 838734	14 07	14 07
AWR	2/25/2011 P	0	1	16 55	16 85	16 49	16 84	16 84	0	139600	0 838734	14 12	14 13
AWR	2/24/2011 P	0	1	16 61	16 61	16 38	16 52	16 52	0	247200	0 838734	13 86	13 86
AWR	2/23/2011 P	0	1	16 96	17	16 6	16 61	16 61	0	189400	0 838734	13 93	13 93
AWR	2/22/2011 P	0	1	16 95	17 15	16 83	17 01	17 01	0	214800	0 838734	14 27	14 27
AWR	2/18/2011 P	0	1	16 8	17 04	16 8	17 01	17 01	0	214200	0 838734	14 27	14 27
AWR	2/17/2011 P	0	1	16 68	16 81	16 59	16 74	16 74	0	161800	0 838734	14 04	14 04
AWR	2/16/2011 P	0	1	16 61	16 65	16 46	16 64	16 64	0	131200	0 838734	13 96	13 96
AWR	2/15/2011 P	0	1	16 69	16 81	16 48	16 53	16 53	0	230800	0 838734	13 86	13 87
AWR	2/14/2011 P	0	1	16 59	16 81	16 56	16 73	16 73	0	240400	0 838734	14 03	14 04
AWR	2/11/2011 P	0	1	16 43	16 64	16 43	16 61	16 61	0	85800	0 838734	13 93	13 94
AWR	2/10/2011 P	0	1	16 5	16 65	16 47	16 5	16 5	0 13	200200	0 838734	13 84	13 84
AWR	2/9/2011 P	0	1	16 69	16 7	16 56	16 61	16 61	0	129600	0 832126	13 82	13 83
AWR	2/8/2011 P	0	1	16 86	16 86	16 6	16 71	16 71	0	134000	0 832126	13 9	13 91
AWR	2/7/2011 P	0	1	16 82	16 91	16 75	16 85	16 85	0	151800	0 832126	14 02	14 02
AWR	2/4/2011 P	0	1	16 87	16 92	16 75	16 8	16 8	0	186000	0 832126	13 98	13 98
AWR	2/3/2011 P	0	1	17 01	17 01	16 71	16 88	16 88	0	194600	0 832126	14 05	14 05
AWR	2/2/2011 P	0	1	17 02	17 22	16 96	17 04	17 04	0	119600	0 832126	14 18	14 18
AWR	2/1/2011 P	0	1	17 05	17 14	16 93	17 12	17 12	0	133800	0 832126	14 25	14 25
AWR	1/31/2011 P	0	1	17 04	17 11	16 8	17	17	0	210000	0 832126	14 15	14 15
AWR	1/28/2011 P	0	1	17 35	17 4	16 94	16 95	16 95	0	198600	0 832126	14 1	14 11
AWR	1/27/2011 P	0	1	17 56	17 56	17 34	17 4	17 4	0	114400	0 832126	14 48	14 48
AWR	1/26/2011 P	0	1	17 41	17 58	17 36	17 55	17 55	0	157000	0 832126	14 6	14 61
AWR	1/25/2011 P	0	1	17 09	17 42	17 06	17 4	17 4	0	235400	0 832126	14 48	14 48
AWR	1/24/2011 P	0	1	17 05	17 28	17 05	17 19	17 19	0	192600	0 832126	14 3	14 31
AWR	1/21/2011 P	0	1	17 33	17 33	17 06	17 09	17 09	0	204600	0 832126	14 22	14 23
AWR	1/20/2011 P	0	1	17 22	17 42	17 22	17 26	17 26	0	157400	0 832126	14 36	14 37
AWR	1/19/2011 P	0	1	17 36	17 5	17 25	17 27	17 27	0	135400	0 832126	14 37	14 37
AWR	1/18/2011 P	0	1	17 55	17 55	17 26	17 41	17 41	0	179400	0 832126	14 49	14 49
AWR	1/14/2011 P	0	1	17 26	17 64	17 21	17 62	17 62	0	87800	0 832126	14 66	14 67
AWR	1/13/2011 P	0	1	17 38	17 46	17 21	17 34	17 34	0	131400			

AWR	12/22/2010 P	0	1	17 03	17 18	17 03	17 1	17 1	0	163200	0 832126	14 23	14 23
AWR	12/21/2010 P	0	1	17 65	17 65	16 9	17 01	17 01	0	610400	0 832126	14 15	14 15
AWR	12/20/2010 P	0	1	17 73	17 94	17 64	17 72	17 72	0	176800	0 832126	14 75	14 75
AWR	12/17/2010 P	0	1	17 72	17 72	17 26	17 66	17 66	0	424800	0 832126	14 7	14 7
AWR	12/16/2010 P	0	1	17 36	17 72	17 2	17 69	17 69	0	156400	0 832126	14 72	14 72
AWR	12/15/2010 P	0	1	17 47	17 54	17 27	17 31	17 31	0	167400	0 832126	14 4	14 4
AWR	12/14/2010 P	0	1	17 57	17 62	17 36	17 45	17 45	0	186800	0 832126	14 52	14 52
AWR	12/13/2010 P	0	1	17 44	17 62	17 28	17 56	17 56	0	263000	0 832126	14 61	14 61
AWR	12/10/2010 P	0	1	16 97	17 35	16 97	17 33	17 33	0	182800	0 832126	14 42	14 42
AWR	12/9/2010 P	0	1	17 06	17 08	16 92	16 95	16 95	0	162400	0 832126	14 1	14 11
AWR	12/8/2010 P	0	1	16 84	17 55	16 84	16 96	16 96	0	475800	0 832126	14 11	14 11
AWR	12/7/2010 P	0	1	17 62	17 71	16 51	16 8	16 8	0	3335400	0 832126	13 98	13 98
AWR	12/6/2010 P	0	1	17 51	18 25	17 28	17 44	17 44	0	882000	0 832126	14 51	14 52
AWR	12/3/2010 P	0	1	17 04	17 68	16 95	17 49	17 49	0	1141400	0 832126	14 55	14 56
AWR	12/2/2010 P	0	1	18 59	18 59	17 02	17 04	17 04	0	1037200	0 832126	14 18	14 18
AWR	12/1/2010 P	0	1	18 63	19 05	18 57	18 63	18 63	0	257000	0 832126	15 5	15 51
AWR	11/30/2010 P	0	1	18 31	18 42	18 03	18 29	18 29	0	285600	0 832126	15 22	15 22
AWR	11/29/2010 P	0	1	18 73	18 74	18 16	18 54	18 54	0	202000	0 832126	15 43	15 43
AWR	11/26/2010 P	0	1	18 86	19 02	18 66	18 87	18 87	0	134600	0 832126	15 7	15 7
AWR	11/24/2010 P	0	1	18 76	19 04	18 6	19 03	19 03	0	204400	0 832126	15 84	15 84
AWR	11/23/2010 P	0	1	18 31	18 65	18 27	18 64	18 64	0	134800	0 832126	15 51	15 52
AWR	11/22/2010 P	0	1	18 38	18 52	18 24	18 45	18 45	0	84400	0 832126	15 35	15 35
AWR	11/19/2010 P	0	1	18 26	18 47	18 2	18 43	18 43	0	131400	0 832126	15 34	15 34
AWR	11/18/2010 P	0	1	18 13	18 37	17 9	18 31	18 31	0	117800	0 832126	15 24	15 24
AWR	11/17/2010 P	0	1	18 2	18 27	17 92	18 06	18 06	0	85800	0 832126	15 03	15 03
AWR	11/16/2010 P	0	1	18 56	18 59	18 04	18 18	18 18	0	161200	0 832126	15 13	15 13
AWR	11/15/2010 P	0	1	18 6	18 85	18 59	18 67	18 67	0	77200	0 832126	15 54	15 54
AWR	11/12/2010 P	0	1	18 43	18 64	18 34	18 51	18 51	0	126600	0 832126	15 4	15 4
AWR	11/1/2010 P	0	1	18 44	18 72	18 44	18 63	18 63	0	75800	0 832126	15 5	15 51
AWR	11/10/2010 P	0	1	18 41	18 69	18 27	18 66	18 66	0	178400	0 832126	15 53	15 53
AWR	11/9/2010 P	0	1	18 71	18 71	18 19	18 39	18 39	0	119800	0 832126	15 3	15 31
AWR	11/8/2010 P	0	1	19 11	19 3	18 48	18 64	18 64	0	144000	0 832126	15 51	15 52
AWR	11/5/2010 P	0	1	19 1	19 13	18 97	19 07	19 07	0	113600	0 832126	15 87	15 87
AWR	11/4/2010 P	0	1	18 97	19 05	18 9	19 03	19 03	0 13	156400	0 832126	15 84	15 84
AWR	11/3/2010 P	0	1	18 83	18 9	18 62	18 82	18 82	0	77400	0 826441	15 55	15 56
AWR	11/2/2010 P	0	1	18 7	18 87	18 69	18 82	18 82	0	111400	0 826441	15 55	15 55
AWR	11/1/2010 P	0	1	18 73	18 83	18 29	18 52	18 52	0	115800	0 826441	15 31	15 31
AWR	10/29/2010 P	0	1	18 53	18 75	18 43	18 68	18 68	0	128600	0 826441	15 44	15 44
AWR	10/28/2010 P	0	1	18 9	18 94	18 62	18 67	18 67	0	93400	0 826441	15 43	15 43
AWR	10/27/2010 P	0	1	18 54	18 79	18 45	18 74	18 74	0	146200	0 826441	15 49	15 49
AWR	10/26/2010 P	0	1	18 47	18 73	18 42	18 62	18 62	0	62600	0 826441	15 39	15 39
AWR	10/25/2010 P	0	1	18 82	18 92	18 54	18 58	18 58	0	118200	0 826441	15 36	15 35
AWR	10/22/2010 P	0	1	18 69	18 75	18 5	18 72	18 72	0	78800	0 826441	15 47	15 47
AWR	10/21/2010 P	0	1	18 94	19 03	18 45	18 62	18 62	0	185200	0 826441	15 39	15 39
AWR	10/20/2010 P	0	1	18 67	19 03	18 67	18 92	18 92	0	291600	0 826441	15 64	15 64
AWR	10/19/2010 P	0	1	18 52	18 72	18 5	18 63	18 63	0	430800	0 826441	15 4	15 4
AWR	10/18/2010 P	0	1	18 61	18 81	18 61	18 77	18 77	0	137400	0 826441	15 51	15 51
AWR	10/15/2010 P	0	1	18 74	18 77	18 55	18 58	18 58	0	208600	0 826441	15 36	15 35
AWR	10/14/2010 P	0	1	18 53	18 66	18 45	18 55	18 55	0	114200	0 826441	15 33	15 33
AWR	10/13/2010 P	0	1	18 25	18 58	18 14	18 5	18 5	0	207600	0 826441	15 29	15 29
AWR	10/12/2010 P	0	1	18 41	18 41	18	18 18	18 18	0	113800	0 826441	15 02	15 02
AWR	10/11/2010 P	0	1	18 49	18 62	18 34	18 42	18 42	0	100000	0 826441	15 22	15 23
AWR	10/8/2010 P	0	1	18 24	18 58	18 1	18 5	18 5	0	268400	0 826441	15 29	15 29
AWR	10/7/2010 P	0	1	18 7	18 79	18 03	18 19	18 19	0	293200	0 826441	15 03	15 03
AWR	10/6/2010 P	0	1	18 46	18 67	18 39	18 66	18 66	0	147400	0 826441	15 42	15 43
AWR	10/5/2010 P	0	1	18 28	18 58	18 12	18 55	18 55	0	159600	0 826441	15 33	15 33
AWR	10/4/2010 P	0	1	18 12	18 28	17 76	18 07	18 07	0	216200	0 826441	14 93	14 94
AWR	10/1/2010 P	0	1	18 06	18 28	17 88	18 23	18 23	0	171000	0 826441	15 07	15 07
AWR	9/30/2010 P	0	1	18	18 11	17 65	17 89	17 89	0	265200	0 826441	14 79	14 79
AWR	9/29/2010 P	0	1	17 54	17 93	17 54	17 9	17 9	0	206600	0 826441	14 79	14 79
AWR	9/28/2010 P	0	1	17 54	17 66	17 19	17 63	17 63	0	231200	0 826441	14 57	14 57
AWR	9/27/2010 P	0	1	17 51	17 66	17 48	17 57	17 57	0	158600	0 826441	14 52	14 52
AWR	9/24/2010 P	0	1	17 15	17 47	17 05	17 47	17 47	0	229400	0 826441	14 44	14 44
AWR	9/23/2010 P	0	1	17 02	17 15	16 86	16 87	16 87	0	161200	0 826441	13 94	13 95
AWR	9/22/2010 P	0	1	17 13	17 38	17 01	17 19	17 19	0	165000	0 826441	14 21	14 21
AWR	9/21/2010 P	0	1	17 21	17 39	17	17 15	17 15	0	216800	0 826441	14 17	14 17
AWR	9/20/2010 P	0	1	16 76	17 24	16 65	17 22	17 22	0	172600	0 826441	14 23	14 23
AWR	9/17/2010 P	0	1	16 79	16 84	16 46	16 77	16 77	0	225000	0 826441	13 86	13 86
AWR	9/16/2010 P	0	1	16 93	16 93	16 46	16 66	16 66	0	178200	0 826441	13 77	13 77
AWR	9/15/2010 P	0	1	16 78	17	16 62	16 96	16 96	0	132800	0 826441	14 02	14 02
AWR	9/14/2010 P	0	1	16 9	17 09	16 84	16 89	16 89	0	104400	0 826441	13 96	13 96
AWR	9/13/2010 P	0	1	16 79	16 98	16 78	16 93	16 93	0	149400	0 826441	13 99	14
AWR	9/10/2010 P	0	1	16 5	16 76	16 5	16 68	16 68	0	268000	0 826441	13 79	13 78
AWR	9/9/2010 P	0	1	16 42	16 64	16 33	16 45	16 45	0	210000	0 826441	13 59	13 6
AWR	9/8/2010 P	0	1	16 67	16 68	16 19	16 21	16 21	0	743200	0 826441	13 4	13 4
AWR	9/7/2010 P	0	1	16 96	16 97	16 56	16 59	16 59	0	279200	0 826441	13 71	13 71
AWR	9/3/2010 P	0	1	17 13	17 13	16 75	17	17	0	190800	0 826441	14 05	14 05
AWR	9/2/2010 P	0	1	17 2	17 2	16 74	16 99	16 99	0	147000	0 826441	14 04	14 04
AWR	9/1/2010 P	0	1	16 84	17 15	16 76	17 15	17 15	0	156600	0 826441	14 17	14 17
AWR	8/31/2010 P	0	1	16 58	16 77	16 44	16 67	16 67	0	179200	0 826441	13 78	13 78
AWR	8/30/2010 P	0	1	16 91	17	16 6	16 61	16 61	0	122800	0 826441	13 73	13 73
AWR	8/27/2010 P	0	1	16 7	17	16 46	16 97	16 97	0	185000	0 826441	14 02	14 03
AWR	8/26/2010 P	0	1	16 63	16 71	16 48	16 55	16 55	0	202400	0 826441	13 68	13 68
AWR	8/25/2010 P	0	1	15 97	16 58	15 88	16 54	16 54	0	254000	0 826441	13 67	13 67
AWR	8/24/2010 P	0	1	15 64	16 16	15 64	16 03	16 03	0	332200	0 826441	13 25	13 25
AWR	8/23/2010 P	0	1	15 86	16 01	15 72	15 8	15 8	0	217400	0 826441	13 06	13 06
AWR	8/20/2010 P	0	1	15 85	15 87	15 62	15 84	15 84	0	164800	0 826441	13 09	13 09
AWR	8/19/2010 P	0	1	16 27	16 28	15 81	15 86	15 86	0	303600	0 826441	13 11	13 11
AWR	8/18/2010 P	0	1	16 56	16 66	16 32	16 37	16 37	0	253400	0 826441	13 53	13 53
AWR	8/17/2010 P	0	1	16 58	16 76	16 41	16 63	16 63	0	197200	0 826441	13 74	