

Dependent Variable: MANCHESTER_FIRM
Method: Least Squares
Date: 05/13/22 Time: 15:33
Sample (adjusted): 1/02/2015 4/01/2015 11/01/2015 4/01/2016 11/01/2016 4/01/2017 11/01/2017 3/31/2018 11/01/2018 3/31/2019 11/01/2019 3/31/2020 11/01/2020 3/31/2021 11/01/2021 3/31/2022
Included observations: 1151 after adjustments
HAC standard errors & covariance (Bartlett kernel, Newey-West fixed bandwidth = 7.0000)

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	1.139888	1.30E+00	8.79E-01	0.3798
MANCHESTER_HDD	8.430213	1.95E-01	43.20957	0
MANCHESTER_HDD(-1)	-5.897767	0.271586	-21.71598	0
MANCHESTER_FIRM(-1)	0.810296	0.029153	27.79425	0

R-squared	9.52E-01	Mean dependent var	1.54E+02
Adjusted R-squared	9.52E-01	S.D. dependent var	101.2452
S.E. of regression	22.15546	Akaike info criterion	9.04E+00
Sum squared resid	563021.4	Schwarz criterion	9.055058
Log likelihood	-5197.089	Hannan-Quinn criter.	9.044136
F-statistic	7622.715	Durbin-Watson stat	2.056898
Prob(F-statistic)	0	Wald F-statistic	7805.054
Prob(Wald F-statistic)	0		

Note: Due to the limited sample size, the sample was not truncated.

Quandt-Andrews unknown breakpoint test
Null Hypothesis: No breakpoints within 10% trimmed data
Equation Sample: 1/02/2015 4/01/2015 11/01/2015 4/01/2016 11/01/2016 4/01/2017 11/01/2017 3/31/2018 11/01/2018 3/31/2019 11/01/2019 3/31/2020 11/01/2020 3/31/2021 11/01/2021 3/31/2022
Test Sample: 11/27/2015 12/06/2021
Number of breaks compared: 920

Statistic	Value	Prob.
Maximum LR F-statistic (3/26/2020)	112.4445	0
Exp LR F-statistic	52.9669	0
Ave LR F-statistic	49.60357	0

Note: probabilities calculated using Hansen's (1997) method
WARNING: estimation sample is non-continuous (probabilities calculated assuming a continuous sample)

Liberty Utilities (Midstates Natural Gas) Corp				Planned Volumes																															
2022-2023 Design Day and RFP Plan Summary File Last Updated: November 10, 2022																																			
Design Day Summary and Deliverable Capacity				Firm Sales Customers																															
				Month	Year	Normal Weather		10% Colder		10% Warmer		20% Colder		20% Warmer																					
						HDD	DTH	HDD	DTH	HDD	DTH	HDD	DTH	HDD	DTH																				
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2" style="background-color: #FFD700; text-align: center;">Forecasted Design Day DTH</td> </tr> <tr> <td>Forecasted DTH:</td> <td style="text-align: right;">9,147</td> </tr> <tr> <td>S.E. of Regression:</td> <td style="text-align: right;">172</td> </tr> <tr> <td>S.E. 95% Adjustment</td> <td style="text-align: right;">337</td> </tr> <tr> <td>3rd Party Obligations DTH:</td> <td style="text-align: right;">0</td> </tr> <tr> <td>Total Forecasted DTH:</td> <td style="text-align: right;">9,656</td> </tr> <tr> <td colspan="2" style="background-color: #FFD700; text-align: center;">Reserve Margin Summary</td> </tr> <tr> <td>Final Deliverable Capacity DTH:</td> <td style="text-align: right;">9,965</td> </tr> <tr> <td>Reserve Capacity DTH:</td> <td style="text-align: right;">309</td> </tr> <tr> <td>Reserve Capacity %:</td> <td style="text-align: right;">3.20%</td> </tr> </table>				Forecasted Design Day DTH		Forecasted DTH:	9,147	S.E. of Regression:	172	S.E. 95% Adjustment	337	3rd Party Obligations DTH:	0	Total Forecasted DTH:	9,656	Reserve Margin Summary		Final Deliverable Capacity DTH:	9,965	Reserve Capacity DTH:	309	Reserve Capacity %:	3.20%	January	2023	1,215	152,044	1,337	164,807	1,094	139,281	1,458	177,570	972	126,518
				Forecasted Design Day DTH																															
				Forecasted DTH:	9,147																														
				S.E. of Regression:	172																														
				S.E. 95% Adjustment	337																														
				3rd Party Obligations DTH:	0																														
				Total Forecasted DTH:	9,656																														
				Reserve Margin Summary																															
				Final Deliverable Capacity DTH:	9,965																														
				Reserve Capacity DTH:	309																														
				Reserve Capacity %:	3.20%																														
				February	2023	979	120,526	1,076	130,839	881	110,213	1,174	141,152	783	99,900																				
March	2023	739	93,058	813	100,871	665	85,244	887	108,685	591	77,431																								
April	2023	394	44,541	434	48,863	355	40,541	473	53,346	315	36,971																								
May	2023	156	23,625	171	23,974	140	23,290	187	24,412	125	22,955																								
June	2023	16	16,624	17	16,654	14	16,593	19	16,685	12	16,563																								
July	2023	2	16,304	3	16,309	2	16,299	3	16,314	2	16,294																								
August	2023	6	16,558	6	16,573	5	16,543	7	16,587	5	16,528																								
September	2023	91	20,095	100	20,316	82	19,875	109	20,537	73	19,654																								
October	2023	363	37,557	400	40,855	327	34,556	436	44,357	291	31,906																								
November	2022	719	83,981	791	91,498	647	76,463	863	99,015	575	68,946																								
December	2022	1,066	124,131	1,173	135,301	960	112,961	1,280	146,472	853	101,790																								
				Firm Winter DTH		4,719	573,740	5,190	623,317	4,247	524,162	5,662	672,894	3,775	474,585																				
				Firm Annual DTH		5,747	749,044	6,321	806,861	5,172	691,858	6,896	865,132	4,597	635,455																				
Summary of Final Delivery Capacity				Interruptible Sales Customers																															
Pipeline	Contract # & Description	MDQ DTH	Notes	Month	Year	Normal Weather		10% Colder		10% Warmer		20% Colder		20% Warmer																					
						HDD	DTH	HDD	DTH	HDD	DTH	HDD	DTH	HDD	DTH																				
ANR	FTS 123226	1,500		January	2023	1,215	8,369	1,337	9,259	1,094	7,480	1,458	10,148	972	6,590																				
ANR	ETS 123225	3,115	Assumes W3 stg ratchet on FSS 123229 thru March 1st;	February	2023	979	7,135	1,076	7,854	881	6,415	1,174	8,574	783	5,695																				
ANR	ETS 123228	3,850		March	2023	739	7,871	813	8,417	665	7,325	887	8,963	591	6,780																				
Winter Peaking Service		1,500	December 2020 to February 2021 estimate peaking service requirement in range of 100-200 Dth/d.	April	2023	394	5,738	434	5,991	355	5,486	473	6,244	315	5,233																				
		Total Capacity		May	2023	156	5,046	171	5,144	140	4,947	187	5,242	125	4,849																				
				June	2023	16	3,604	17	3,615	14	3,594	19	3,625	12	3,584																				
				July	2023	2	3,469	3	3,471	2	3,468	3	3,472	2	3,466																				
				August	2023	6	3,700	6	3,703	5	3,696	7	3,707	5	3,693																				
				September	2023	91	4,407	100	4,463	82	4,352	109	4,518	73	4,296																				
				October	2023	363	6,118	400	6,342	327	5,895	436	6,566	291	5,671																				
				November	2022	719	7,317	791	7,836	647	6,797	863	8,355	575	6,278																				
				December	2022	1,066	9,411	1,173	10,189	960	8,633	1,280	10,967	853	7,855																				
				INT Winter DTH		4,719	40,103	5,190	43,555	4,247	36,651	5,662	47,007	3,775	33,198																				
				INT Annual DTH		5,747	72,186	6,321	76,284	5,172	68,089	6,896	80,382	4,597	63,991																				
				Total Winter DTH		4,719	613,842	5,190	666,872	4,247	560,813	5,662	719,901	3,775	507,783																				
				Total Annual DTH		5,747	821,231	6,321	883,145	5,172	759,947	6,896	945,514	4,597	699,446																				
Summary of Upstream Storage and Storage Capacity																																			
Pipeline	Contract # & Description	MDQ DTH	Notes																																
ANR	FSS 123229	3,881	Rides on ETS 123225 Transport contract;																																
ANR	FSS 123230	3814	Rides on FTS 123226 Transport contract;																																
ANR	NNS 123231	1500	Rides on ETS 123225 Transport contract;																																
		Total Upstream and Storage Capacity																																	

W/ Firm DTH(-1) Model				
Dependent Variable: KIRKSVILLE_FIRM				
Method: Least Squares				
Date: 11/09/22 Time: 17:32				
Sample: 4/01/2020 3/31/2022				
Included observations: 730				
HAC standard errors & covariance (Bartlett kernel, Newey-West fixed bandwidth = 7.0000)				
Variable	Coefficient	Std. Error	t-Statistic	Prob.
KIRKSVILLE_HDD	45.90921854	4.3061212	10.6613856	0.00
KIRKSVILLE_HDD55	35.72805609	5.4630322	6.53996808	0.00
KIRKSVILLE_HDD(-1)	-17.7723355	4.7273559	-3.7594663	0.00
KIRKSVILLE_FIRM(-1)	0.392113928	0.0485842	8.07081626	0.00
MONTH12	251.4400149	49.587368	5.07064654	0.00
MONTH02	381.4579948	65.738181	5.80268562	0.00
MONTH01	490.5744386	61.036316	8.03741891	0.00
MONTH03	295.7387881	37.394515	7.90861418	0.00
MONTH11	189.5992555	35.661442	5.3166458	0.00
WEEKDAY01	351.9630312	27.19695	12.9412685	0.00
WEEKDAY02	338.5462373	28.221242	11.9961493	0.00
WEEKDAY03	361.7576075	36.568058	9.89272132	0.00
WEEKDAY04	388.616973	38.529552	10.0862053	0.00
WEEKDAY05	359.0565255	30.442273	11.7946689	0.00
WEEKDAY06	350.8767153	30.934259	11.3426577	0.00
WEEKDAY07	306.0390432	31.147736	9.82540251	0.00
R-squared	0.99063132	Mean dependent var	2077.375	
Adjusted R-squared	0.990434499	S.D. dependent var	1756.25	
S.E. of regression	171.7671778	Akaike info criterion	13.15183	
Sum squared resid	2.11E+07	Schwarz criterion	13.2525	
Log likelihood	-4784.418314	Hannan-Quinn criter.	13.19067	
Durbin-Watson stat	1.79116367			

W/O Firm DTH(-1) Model				
Dependent Variable: KIRKSVILLE_FIRM				
Method: Least Squares				
Date: 11/09/22 Time: 17:35				
Sample: 4/01/2020 3/31/2022				
Included observations: 730				
HAC standard errors & covariance (Bartlett kernel, Newey-West fixed bandwidth = 7.0000)				
Variable	Coefficient	Std. Error	t-Statistic	Prob.
KIRKSVILLE_HDD	36.50407689	4.92792694	7.407593	0.00
KIRKSVILLE_HDD55	47.65049963	6.02749094	7.9055282	0.00
KIRKSVILLE_HDD(-1)	15.77898566	2.01122602	7.8454562	0.00
MONTH12	451.8938488	79.4158959	5.6902191	0.00
MONTH02	756.9387075	66.7584694	11.338467	0.00
MONTH01	902.31	84.2076565	10.715279	0.00
MONTH03	501.9818984	43.4127115	11.563016	0.00
MONTH11	323.7958158	51.4220691	6.2968259	0.00
WEEKDAY01	556.3351053	18.2220852	30.530815	0.00
WEEKDAY02	550.73	16.6937662	32.99011	0.00
WEEKDAY03	573.1780986	17.7211724	32.344254	0.00
WEEKDAY04	614.88	21.0582378	29.198909	0.00
WEEKDAY05	584.5331804	17.7004345	33.023663	0.00
WEEKDAY06	565.2659911	17.7668443	31.815779	0.00
WEEKDAY07	528.0650752	18.9222309	27.907126	0.00
R-squared	0.988081575	Mean dependent var	2077.375	
Adjusted R-squared	0.987848208	S.D. dependent var	1756.25	
S.E. of regression	193.6005085	Akaike info criterion	13.3898	
Sum squared resid	2.68E+07	Schwarz criterion	13.48418	
Log likelihood	-4872.278672	Hannan-Quinn criter.	13.42622	
Durbin-Watson stat	0.962436272			

Design Day DTH Calculations	
Design Day Date	HDD
12/24/1983	80.5
12/23/1983	75
Is HDD(-2) Known?	NO
N/A	75
Calendar Load	879.19
Weather Load	4881.59
DTH Lag Load	3386.65
Total Forecasted D	9147.44
DTH(-1) Calculations	
NO DTH	
Calendar Load	1517.19
Weather Load	7018.51
Total Forecast DTH	8535.70
DTH LRV method	
Calendar Load	879.19
Weather Load	4432.59
Total Forecast DTH	8738.12

Dependent Variable: KIRKSVILLE_FIRM
Method: Least Squares
Date: 11/10/22 Time: 10:00
Sample: 11/01/2017 3/31/2018 11/01/2018 3/31/2019 11/01/2019 3/31/2020 11/01/2020 3/31/2021 11/01/2021 3/31/2022
Included observations: 756
HAC standard errors & covariance (Bartlett kernel, Newey-West fixed bandwidth = 7.0000)

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	106.6295	3.39E+01	3.14E+00	0.00174
KIRKSVILLE_HDD	89.9721	1.63E+00	55.17239452	0.00000
KIRKSVILLE_HDD(-1)	-33.1454	4.064373571	-8.155118392	0.00000
KIRKSVILLE_FIRM(-1)	0.5071	0.034046985	14.89515903	0.00000

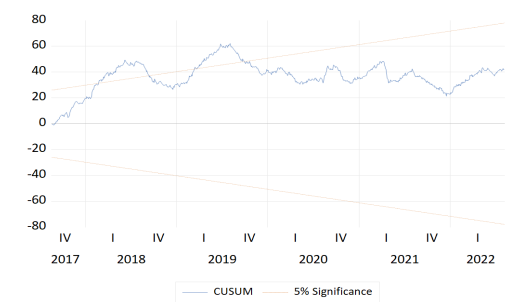
R-squared	0.9695	Mean dependent var	3808.54365
Adjusted R-squared	0.9694	S.D. dependent var	1436.40331
S.E. of regression	251.1994	Akaike info criterion	13.89565
Sum squared resid	47452072.5400	Schwarz criterion	13.92014
Log likelihood	-5248.5551	Hannan-Quinn criter.	13.90508
F-statistic	7978.2212	Durbin-Watson stat	2.09437
Prob(F-statistic)	0.0000	Wald F-statistic	3703.51223
Prob(Wald F-statistic)	0.0000		

Note: Due to the limited sample size, the sample was not truncated.

Quandt-Andrews unknown breakpoint test
Null Hypothesis: No breakpoints within 15% trimmed data
Equation Sample: 11/01/2017 3/31/2018 11/01/2018 3/31/2019 11/01/2019 3/31/2020 11/01/2020 3/31/2021 11/01/2021 3/31/2022
Test Sample: 2/23/2018 12/08/2021
Number of breaks compared: 529

Statistic	Value	Prob.
Maximum LR F-statistic (2/28/2020)	10.38789	0.00000
Exp LR F-statistic	3.47493	0.00001
Ave LR F-statistic	4.79774	0.00001

Note: probabilities calculated using Hansen's (1997) method
WARNING: estimation sample is non-continuous (probabilities calculated assuming a continuous sample)



Dependent Variable: KIRKSVILLE_FIRM
Method: Least Squares
Date: 11/10/22 Time: 10:02
Sample: 11/01/2020 3/31/2021 11/01/2021 3/31/2022
Included observations: 302
HAC standard errors & covariance (Bartlett kernel, Newey-West fixed bandwidth = 6.0000)

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	175.7143435	46.0460992	3.8160527	0.0001649
KIRKSVILLE_HDD	83.5785023	2.6825970	31.1558175	0.0000000
KIRKSVILLE_HDD(-1)	-35.6368349	5.3837640	-6.6193160	0.0000000
KIRKSVILLE_FIRM(-1)	0.5623351	0.0480297	11.7080769	0.0000000

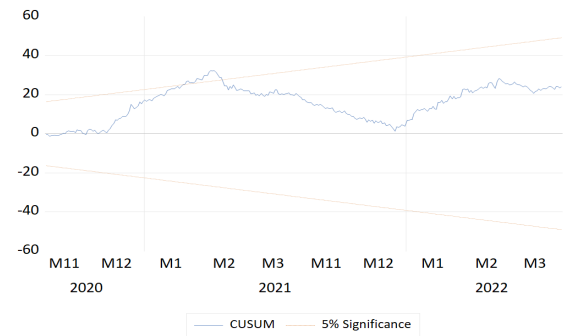
R-squared	0.9733	Mean dependent var	3732.2086
Adjusted R-squared	0.9730	S.D. dependent var	1488.5954
S.E. of regression	244.6636	Akaike info criterion	13.8508
Sum squared resid	17838359.8108	Schwarz criterion	13.8999
Log likelihood	-2087.4711	Hannan-Quinn criter.	13.8705
F-statistic	3614.8210	Durbin-Watson stat	2.0623
Prob(F-statistic)	0.0000	Wald F-statistic	1766.1330
Prob(Wald F-statistic)	0.0000		

Note: Due to the limited sample size, the sample was not truncated.

Quandt-Andrews unknown breakpoint test
Null Hypothesis: No breakpoints within 15% trimmed data
Equation Sample: 11/01/2020 3/31/2021 11/01/2021 3/31/2022
Test Sample: 12/17/2020 2/14/2022
Number of breaks compared: 211

Statistic	Value	Prob.
Maximum LR F-statistic (12/26/2021)	14.19374	0.00000
Exp LR F-statistic	4.55146	0.00000
Ave LR F-statistic	6.35882	0.00000

Note: probabilities calculated using Hansen's (1997) method
WARNING: estimation sample is non-continuous (probabilities calculated assuming a continuous sample)



Kirksville Firm Kirksville Interruptible

<u>Gas Day</u>	<u>HDD</u>	<u>Dth</u>	<u>Dth</u>
4/1/2020	11	1577	170
4/2/2020	8	1477	159
4/3/2020	31	3025	326
4/4/2020	27	2605	280
4/5/2020	14	1638	176
4/6/2020	5	1316	142
4/7/2020	0	853	92
4/8/2020	8	1223	132
4/9/2020	25	2447	263
4/10/2020	18	1795	193
4/11/2020	9	1218	131
4/12/2020	22	2145	231
4/13/2020	30	3066	330
4/14/2020	28	2849	307
4/15/2020	27	2619	282
4/16/2020	31	3401	366
4/17/2020	29	3066	330
4/18/2020	14	1866	201
4/19/2020	14	1540	166
4/20/2020	10	1398	150
4/21/2020	11	1403	151
4/22/2020	4	968	104
4/23/2020	5	877	94
4/24/2020	11	1309	141
4/25/2020	15	1462	157
4/26/2020	7	1041	112
4/27/2020	1	874	94
4/28/2020	4	931	100
4/29/2020	14	1697	183
4/30/2020	8	1070	115
5/1/2020	0	704	123
5/2/2020	0	634	110
5/3/2020	7	792	138
5/4/2020	14	1342	234
5/5/2020	14	1509	263
5/6/2020	14	1334	232
5/7/2020	10	1125	196
5/8/2020	20	1582	276
5/9/2020	11	1234	215
5/10/2020	20	1755	306
5/11/2020	15	1489	260
5/12/2020	13	1326	231
5/13/2020	8	1253	218
5/14/2020	0	707	123
5/15/2020	1	703	123

<u>Gas Day</u>	<u>HDD</u>	<u>Dth</u>	<u>Dth</u>
5/16/2020	0	635	111
5/17/2020	7	726	127
5/18/2020	9	869	151
5/19/2020	6	762	133
5/20/2020	6	732	128
5/21/2020	5	955	166
5/22/2020	0	658	115
5/23/2020	0	600	105
5/24/2020	0	570	99
5/25/2020	0	599	104
5/26/2020	0	596	104
5/27/2020	0	614	107
5/28/2020	3	714	124
5/29/2020	3	682	119
5/30/2020	2	678	118
5/31/2020	0	647	113
6/1/2020	0	608	123
6/2/2020	0	554	112
6/3/2020	0	564	114
6/4/2020	0	647	131
6/5/2020	0	541	109
6/6/2020	0	504	102
6/7/2020	0	511	103
6/8/2020	0	521	105
6/9/2020	0	567	115
6/10/2020	2	625	126
6/11/2020	0	568	115
6/12/2020	0	565	114
6/13/2020	0	522	106
6/14/2020	0	533	108
6/15/2020	0	547	111
6/16/2020	0	591	119
6/17/2020	0	568	115
6/18/2020	0	561	113
6/19/2020	0	536	108
6/20/2020	0	503	102
6/21/2020	0	503	102
6/22/2020	0	553	112
6/23/2020	0	639	129
6/24/2020	0	728	147
6/25/2020	0	623	126
6/26/2020	0	503	102
6/27/2020	0	508	103
6/28/2020	0	514	104
6/29/2020	0	521	105
6/30/2020	0	537	109

<u>Gas Day</u>	<u>HDD</u>	<u>Dth</u>	<u>Dth</u>
7/1/2020	0	565	121
7/2/2020	0	501	107
7/3/2020	0	503	107
7/4/2020	0	546	116
7/5/2020	0	553	118
7/6/2020	0	556	119
7/7/2020	0	558	119
7/8/2020	0	518	111
7/9/2020	0	518	110
7/10/2020	0	491	105
7/11/2020	0	474	101
7/12/2020	0	521	111
7/13/2020	0	543	116
7/14/2020	0	540	115
7/15/2020	0	557	119
7/16/2020	0	604	129
7/17/2020	0	511	109
7/18/2020	0	456	97
7/19/2020	0	500	107
7/20/2020	0	527	112
7/21/2020	0	534	114
7/22/2020	0	508	108
7/23/2020	0	497	106
7/24/2020	0	487	104
7/25/2020	0	472	101
7/26/2020	0	489	104
7/27/2020	0	567	121
7/28/2020	0	567	121
7/29/2020	0	544	116
7/30/2020	0	527	112
7/31/2020	0	532	113
8/1/2020	0	510	119
8/2/2020	0	538	125
8/3/2020	2	610	142
8/4/2020	2	674	157
8/5/2020	0	622	145
8/6/2020	0	567	132
8/7/2020	0	522	121
8/8/2020	0	495	115
8/9/2020	0	495	115
8/10/2020	0	538	125
8/11/2020	0	599	139
8/12/2020	0	558	130
8/13/2020	0	511	119
8/14/2020	0	496	115
8/15/2020	0	532	124

<u>Gas Day</u>	<u>HDD</u>	<u>Dth</u>	<u>Dth</u>
8/16/2020	0	521	121
8/17/2020	0	622	145
8/18/2020	0	605	141
8/19/2020	0	560	130
8/20/2020	0	609	142
8/21/2020	0	530	123
8/22/2020	0	501	116
8/23/2020	0	512	119
8/24/2020	0	511	119
8/25/2020	0	530	123
8/26/2020	0	562	131
8/27/2020	0	554	129
8/28/2020	0	566	132
8/29/2020	0	650	151
8/30/2020	0	592	138
8/31/2020	0	633	147
9/1/2020	0	662	136
9/2/2020	0	685	140
9/3/2020	0	717	147
9/4/2020	0	633	130
9/5/2020	0	559	115
9/6/2020	0	585	120
9/7/2020	0	702	144
9/8/2020	12	934	192
9/9/2020	11	965	198
9/10/2020	9	987	202
9/11/2020	1	719	147
9/12/2020	1	648	133
9/13/2020	3	659	135
9/14/2020	1	656	134
9/15/2020	0	635	130
9/16/2020	0	611	125
9/17/2020	5	723	148
9/18/2020	8	768	157
9/19/2020	9	801	164
9/20/2020	7	840	172
9/21/2020	3	707	145
9/22/2020	1	666	136
9/23/2020	0	709	145
9/24/2020	0	657	135
9/25/2020	0	711	146
9/26/2020	0	668	137
9/27/2020	10	970	199
9/28/2020	11	1079	221
9/29/2020	8	853	175
9/30/2020	9	1102	226

<u>Gas Day</u>	<u>HDD</u>	<u>Dth</u>	<u>Dth</u>
10/1/2020	18	1546	184
10/2/2020	15	1379	164
10/3/2020	18	1675	199
10/4/2020	19	1538	183
10/5/2020	7	1275	152
10/6/2020	0	916	109
10/7/2020	0	885	105
10/8/2020	0	862	103
10/9/2020	0	768	91
10/10/2020	0	748	89
10/11/2020	0	737	88
10/12/2020	10	1010	120
10/13/2020	6	981	117
10/14/2020	1	929	111
10/15/2020	23	1724	205
10/16/2020	15	1770	211
10/17/2020	7	1369	163
10/18/2020	26	2297	273
10/19/2020	26	2796	333
10/20/2020	20	2462	293
10/21/2020	16	2019	240
10/22/2020	3	1325	158
10/23/2020	26	2680	319
10/24/2020	26	2768	329
10/25/2020	29	3229	384
10/26/2020	34	3761	447
10/27/2020	30	3281	390
10/28/2020	23	2838	338
10/29/2020	31	3306	393
10/30/2020	23	2591	308
10/31/2020	12	2095	249
11/1/2020	32	3034	271
11/2/2020	16	2346	210
11/3/2020	4	1522	136
11/4/2020	3	1419	127
11/5/2020	8	1465	131
11/6/2020	4	1390	124
11/7/2020	5	1209	108
11/8/2020	0	1116	100
11/9/2020	0	1007	90
11/10/2020	26	2569	229
11/11/2020	25	2661	238
11/12/2020	25	2792	249
11/13/2020	28	3077	275
11/14/2020	16	2373	212
11/15/2020	25	2904	259

<u>Gas Day</u>	<u>HDD</u>	<u>Dth</u>	<u>Dth</u>
11/16/2020	21	2603	233
11/17/2020	28	3209	287
11/18/2020	8	2106	188
11/19/2020	4	1434	128
11/20/2020	19	2222	199
11/21/2020	24	2694	241
11/22/2020	27	2822	252
11/23/2020	29	3440	307
11/24/2020	18	2503	224
11/25/2020	24	2761	247
11/26/2020	25	2586	231
11/27/2020	28	2937	262
11/28/2020	21	2504	224
11/29/2020	33	3812	341
11/30/2020	44	4513	403
12/1/2020	36	3934	256
12/2/2020	34	3482	226
12/3/2020	31	3511	228
12/4/2020	30	3146	205
12/5/2020	29	3019	196
12/6/2020	27	3153	205
12/7/2020	32	3601	234
12/8/2020	28	3367	219
12/9/2020	19	2412	157
12/10/2020	17	2205	143
12/11/2020	26	3143	204
12/12/2020	34	3773	245
12/13/2020	39	4398	286
12/14/2020	43	4769	310
12/15/2020	41	4910	319
12/16/2020	40	4541	295
12/17/2020	37	4379	285
12/18/2020	25	3507	228
12/19/2020	38	4333	282
12/20/2020	25	3429	223
12/21/2020	24	3188	207
12/22/2020	14	2663	173
12/23/2020	40	4612	300
12/24/2020	54	6368	414
12/25/2020	43	5164	336
12/26/2020	29	3732	243
12/27/2020	28	3670	239
12/28/2020	40	4667	304
12/29/2020	35	4748	309
12/30/2020	42	4780	311
12/31/2020	41	5011	326

<u>Gas Day</u>	<u>HDD</u>	<u>Dth</u>	<u>Dth</u>
1/1/2021	43	5199	292
1/2/2021	41	4750	267
1/3/2021	36	4559	256
1/4/2021	35	4391	247
1/5/2021	29	3706	208
1/6/2021	32	4137	233
1/7/2021	35	4398	247
1/8/2021	36	4460	251
1/9/2021	41	4888	275
1/10/2021	37	4694	264
1/11/2021	31	4029	227
1/12/2021	26	3464	195
1/13/2021	24	3442	194
1/14/2021	31	4255	239
1/15/2021	33	4319	243
1/16/2021	36	4544	256
1/17/2021	36	4464	251
1/18/2021	38	4535	255
1/19/2021	37	4640	261
1/20/2021	28	4019	226
1/21/2021	30	3756	211
1/22/2021	47	5287	297
1/23/2021	33	4526	255
1/24/2021	31	4159	234
1/25/2021	37	4870	274
1/26/2021	42	5196	292
1/27/2021	52	5634	317
1/28/2021	44	5202	293
1/29/2021	31	4164	234
1/30/2021	31	4238	238
1/31/2021	35	4779	269
2/1/2021	42	5120	311
2/2/2021	40	4811	292
2/3/2021	26	3732	226
2/4/2021	41	5272	320
2/5/2021	48	5689	345
2/6/2021	62	6807	413
2/7/2021	64	7521	456
2/8/2021	60	7403	449
2/9/2021	58	7103	431
2/10/2021	57	6983	424
2/11/2021	60	6901	419
2/12/2021	66	7118	432
2/13/2021	67	7045	427
2/14/2021	70	7494	455
2/15/2021	70	7134	433

<u>Gas Day</u>	<u>HDD</u>	<u>Dth</u>	<u>Dth</u>
2/16/2021	65	6394	388
2/17/2021	57	6059	367
2/18/2021	54	5453	331
2/19/2021	46	5455	331
2/20/2021	36	4418	268
2/21/2021	31	4428	269
2/22/2021	23	3320	201
2/23/2021	20	2620	159
2/24/2021	32	3670	223
2/25/2021	31	3770	229
2/26/2021	25	3281	199
2/27/2021	17	2454	149
2/28/2021	30	3458	210
3/1/2021	32	3641	325
3/2/2021	20	2856	255
3/3/2021	17	2170	193
3/4/2021	21	2623	234
3/5/2021	23	2861	255
3/6/2021	18	2204	197
3/7/2021	10	1828	163
3/8/2021	11	1629	145
3/9/2021	0	1191	106
3/10/2021	10	1505	134
3/11/2021	20	2203	196
3/12/2021	19	2547	227
3/13/2021	14	2025	181
3/14/2021	22	3073	274
3/15/2021	27	3355	299
3/16/2021	24	3039	271
3/17/2021	28	3749	334
3/18/2021	27	3636	324
3/19/2021	26	2967	265
3/20/2021	18	2406	215
3/21/2021	9	1803	161
3/22/2021	8	1587	141
3/23/2021	13	1963	175
3/24/2021	20	2557	228
3/25/2021	22	2833	253
3/26/2021	15	2081	185
3/27/2021	14	2031	181
3/28/2021	21	2546	227
3/29/2021	4	1557	139
3/30/2021	19	2349	209
3/31/2021	34	3403	303
4/1/2021	28	2991	366
4/2/2021	15	2228	272

<u>Gas Day</u>	<u>HDD</u>	<u>Dth</u>	<u>Dth</u>
4/3/2021	5	1336	163
4/4/2021	0	968	118
4/5/2021	0	935	114
4/6/2021	0	910	111
4/7/2021	10	1287	157
4/8/2021	15	1806	221
4/9/2021	8	1229	150
4/10/2021	20	2424	296
4/11/2021	13	1752	214
4/12/2021	16	1839	225
4/13/2021	18	1934	236
4/14/2021	22	2259	276
4/15/2021	20	1995	244
4/16/2021	17	1923	235
4/17/2021	13	1622	198
4/18/2021	14	1768	216
4/19/2021	26	2693	329
4/20/2021	31	3240	396
4/21/2021	28	2944	360
4/22/2021	16	1985	243
4/23/2021	13	1759	215
4/24/2021	14	1509	184
4/25/2021	8	1406	172
4/26/2021	0	789	96
4/27/2021	0	701	86
4/28/2021	4	859	105
4/29/2021	5	952	116
4/30/2021	0	784	96
5/1/2021	0	650	124
5/2/2021	0	653	124
5/3/2021	14	868	165
5/4/2021	14	1280	244
5/5/2021	7	982	187
5/6/2021	14	1259	240
5/7/2021	5	1010	192
5/8/2021	14	1571	299
5/9/2021	20	1581	301
5/10/2021	11	1018	194
5/11/2021	15	1167	222
5/12/2021	15	1075	204
5/13/2021	10	1142	217
5/14/2021	4	913	174
5/15/2021	8	1078	205
5/16/2021	5	1007	192
5/17/2021	2	906	172
5/18/2021	0	742	141

<u>Gas Day</u>	<u>HDD</u>	<u>Dth</u>	<u>Dth</u>
5/19/2021	0	656	125
5/20/2021	0	611	116
5/21/2021	0	603	115
5/22/2021	0	635	121
5/23/2021	0	587	112
5/24/2021	0	595	113
5/25/2021	0	602	115
5/26/2021	0	563	107
5/27/2021	3	707	134
5/28/2021	18	1278	243
5/29/2021	12	963	183
5/30/2021	6	781	149
5/31/2021	8	984	187
6/1/2021	2	754	176
6/2/2021	0	654	152
6/3/2021	0	585	136
6/4/2021	0	539	126
6/5/2021	0	525	122
6/6/2021	0	523	122
6/7/2021	0	555	129
6/8/2021	0	555	129
6/9/2021	0	559	130
6/10/2021	0	573	133
6/11/2021	0	525	122
6/12/2021	0	509	119
6/13/2021	0	527	123
6/14/2021	0	549	128
6/15/2021	0	585	136
6/16/2021	0	542	126
6/17/2021	0	547	127
6/18/2021	0	542	126
6/19/2021	0	485	113
6/20/2021	0	520	121
6/21/2021	5	673	157
6/22/2021	0	562	131
6/23/2021	0	523	122
6/24/2021	0	536	125
6/25/2021	0	539	126
6/26/2021	0	532	124
6/27/2021	0	515	120
6/28/2021	0	501	117
6/29/2021	0	363	85
6/30/2021	0	338	79
7/1/2021	0	342	70
7/2/2021	0	334	68
7/3/2021	0	313	64

<u>Gas Day</u>	<u>HDD</u>	<u>Dth</u>	<u>Dth</u>
7/4/2021	0	295	60
7/5/2021	0	403	83
7/6/2021	0	594	122
7/7/2021	0	574	118
7/8/2021	0	604	124
7/9/2021	0	559	115
7/10/2021	0	497	102
7/11/2021	0	552	113
7/12/2021	0	575	118
7/13/2021	0	601	123
7/14/2021	0	564	116
7/15/2021	0	594	122
7/16/2021	0	596	122
7/17/2021	0	575	118
7/18/2021	0	581	119
7/19/2021	0	620	127
7/20/2021	0	601	123
7/21/2021	0	584	120
7/22/2021	0	553	113
7/23/2021	0	521	107
7/24/2021	0	510	104
7/25/2021	0	557	114
7/26/2021	0	588	120
7/27/2021	0	535	110
7/28/2021	0	506	104
7/29/2021	0	485	99
7/30/2021	0	465	95
7/31/2021	0	510	109
8/1/2021	0	496	106
8/2/2021	0	518	110
8/3/2021	0	540	115
8/4/2021	0	534	114
8/5/2021	0	510	109
8/6/2021	0	504	107
8/7/2021	0	442	94
8/8/2021	0	469	100
8/9/2021	0	453	97
8/10/2021	0	490	104
8/11/2021	0	505	108
8/12/2021	0	555	118
8/13/2021	0	538	115
8/14/2021	0	472	101
8/15/2021	0	462	98
8/16/2021	0	519	111
8/17/2021	0	504	107
8/18/2021	0	485	103

<u>Gas Day</u>	<u>HDD</u>	<u>Dth</u>	<u>Dth</u>
8/19/2021	0	475	101
8/20/2021	0	449	96
8/21/2021	0	459	98
8/22/2021	0	492	105
8/23/2021	0	514	110
8/24/2021	0	500	107
8/25/2021	0	483	103
8/26/2021	0	483	103
8/27/2021	0	510	109
8/28/2021	0	445	95
8/29/2021	0	473	101
8/30/2021	0	477	102
8/31/2021	0	523	111
9/1/2021	0	506	115
9/2/2021	0	514	117
9/3/2021	0	498	113
9/4/2021	0	511	116
9/5/2021	0	486	110
9/6/2021	0	486	110
9/7/2021	0	509	115
9/8/2021	0	608	138
9/9/2021	0	549	125
9/10/2021	0	472	107
9/11/2021	0	458	104
9/12/2021	0	474	108
9/13/2021	0	465	106
9/14/2021	0	505	115
9/15/2021	0	545	124
9/16/2021	0	538	122
9/17/2021	0	473	107
9/18/2021	0	455	103
9/19/2021	0	487	110
9/20/2021	0	591	134
9/21/2021	5	693	157
9/22/2021	9	772	175
9/23/2021	3	682	155
9/24/2021	4	713	162
9/25/2021	4	670	152
9/26/2021	0	672	153
9/27/2021	0	715	162
9/28/2021	0	574	130
9/29/2021	0	593	135
9/30/2021	0	623	141
10/1/2021	0	620	109
10/2/2021	0	628	111
10/3/2021	3	789	139

<u>Gas Day</u>	<u>HDD</u>	<u>Dth</u>	<u>Dth</u>
10/4/2021	1	691	122
10/5/2021	0	436	77
10/6/2021	0	716	126
10/7/2021	0	702	124
10/8/2021	0	658	116
10/9/2021	0	637	112
10/10/2021	0	668	118
10/11/2021	10	798	141
10/12/2021	0	636	112
10/13/2021	2	633	112
10/14/2021	6	690	122
10/15/2021	17	1117	197
10/16/2021	16	1188	209
10/17/2021	10	956	168
10/18/2021	7	790	139
10/19/2021	3	680	120
10/20/2021	9	867	153
10/21/2021	19	1637	288
10/22/2021	18	1772	312
10/23/2021	13	1347	237
10/24/2021	13	1341	236
10/25/2021	24	2003	353
10/26/2021	12	1540	271
10/27/2021	13	1536	271
10/28/2021	18	1984	350
10/29/2021	18	1937	341
10/30/2021	17	1669	141
10/31/2021	20	2049	173
11/1/2021	30	2896	244
11/2/2021	30	2846	240
11/3/2021	27	2873	243
11/4/2021	25	2637	223
11/5/2021	20	2386	201
11/6/2021	14	1924	162
11/7/2021	8	1534	130
11/8/2021	9	1320	111
11/9/2021	12	1531	129
11/10/2021	9	1540	130
11/11/2021	21	2316	195
11/12/2021	32	3445	291
11/13/2021	27	3095	261
11/14/2021	30	3224	272
11/15/2021	21	2470	209
11/16/2021	7	1573	133
11/17/2021	24	2671	226
11/18/2021	35	3664	309

<u>Gas Day</u>	<u>HDD</u>	<u>Dth</u>	<u>Dth</u>
11/19/2021	24	3068	259
11/20/2021	18	2174	184
11/21/2021	27	2808	237
11/22/2021	36	3716	314
11/23/2021	17	2577	218
11/24/2021	20	2551	215
11/25/2021	43	4302	363
11/26/2021	27	3464	292
11/27/2021	20	2630	222
11/28/2021	29	3142	265
11/29/2021	18	2426	205
11/30/2021	20	2338	197
12/1/2021	13	1933	176
12/2/2021	16	1872	170
12/3/2021	20	2185	199
12/4/2021	26	2828	257
12/5/2021	22	2780	253
12/6/2021	41	4087	372
12/7/2021	37	4234	385
12/8/2021	28	3342	304
12/9/2021	21	2489	226
12/10/2021	22	2894	263
12/11/2021	30	3334	303
12/12/2021	23	2988	272
12/13/2021	24	2716	247
12/14/2021	5	1650	150
12/15/2021	10	1635	149
12/16/2021	34	3424	311
12/17/2021	31	3589	326
12/18/2021	39	3871	352
12/19/2021	37	4117	374
12/20/2021	37	3832	348
12/21/2021	36	3983	362
12/22/2021	28	3614	328
12/23/2021	17	2475	225
12/24/2021	12	1798	163
12/25/2021	27	2525	229
12/26/2021	20	2856	260
12/27/2021	29	3318	302
12/28/2021	32	3680	334
12/29/2021	39	4540	413
12/30/2021	37	4315	392
12/31/2021	33	3934	358
1/1/2022	58	6578	355
1/2/2022	61	6793	366
1/3/2022	39	5255	283

<u>Gas Day</u>	<u>HDD</u>	<u>Dth</u>	<u>Dth</u>
1/4/2022	36	4772	257
1/5/2022	55	6764	365
1/6/2022	61	7311	394
1/7/2022	50	6643	358
1/8/2022	36	5084	274
1/9/2022	47	5770	311
1/10/2022	47	5666	306
1/11/2022	24	4017	217
1/12/2022	25	3545	191
1/13/2022	27	3360	181
1/14/2022	34	4267	230
1/15/2022	53	5615	303
1/16/2022	41	5177	279
1/17/2022	38	4504	243
1/18/2022	30	3841	207
1/19/2022	58	6872	371
1/20/2022	64	7257	391
1/21/2022	50	6428	347
1/22/2022	31	4367	236
1/23/2022	39	4917	265
1/24/2022	48	5553	299
1/25/2022	60	6833	369
1/26/2022	42	5868	316
1/27/2022	40	5020	271
1/28/2022	50	5997	323
1/29/2022	35	4470	241
1/30/2022	40	4851	262
1/31/2022	24	3544	191
2/1/2022	39	4661	285
2/2/2022	54	6820	416
2/3/2022	57	6941	424
2/4/2022	51	6212	379
2/5/2022	37	5142	314
2/6/2022	37	4434	271
2/7/2022	33	4355	266
2/8/2022	24	3175	194
2/9/2022	30	3828	234
2/10/2022	26	3528	215
2/11/2022	40	4670	285
2/12/2022	47	5463	333
2/13/2022	46	5563	340
2/14/2022	35	4403	269
2/15/2022	16	2982	182
2/16/2022	26	3366	205
2/17/2022	55	6214	379
2/18/2022	39	5125	313

<u>Gas Day</u>	<u>HDD</u>	<u>Dth</u>	<u>Dth</u>
2/19/2022	38	4785	292
2/20/2022	22	3035	185
2/21/2022	18	2324	142
2/22/2022	50	5907	361
2/23/2022	50	6229	380
2/24/2022	47	5735	350
2/25/2022	48	5496	335
2/26/2022	36	4440	271
2/27/2022	27	3473	212
2/28/2022	18	2687	164
3/1/2022	14	2024	167
3/2/2022	14	2088	173
3/3/2022	30	3394	281
3/4/2022	15	2509	208
3/5/2022	16	2141	177
3/6/2022	32	3462	286
3/7/2022	42	4404	364
3/8/2022	33	3783	313
3/9/2022	37	4087	338
3/10/2022	47	5221	432
3/11/2022	48	5353	443
3/12/2022	40	4643	384
3/13/2022	19	2673	221
3/14/2022	13	1920	159
3/15/2022	15	1833	152
3/16/2022	7	1487	123
3/17/2022	11	1709	141
3/18/2022	26	3221	266
3/19/2022	19	2452	203
3/20/2022	6	1511	125
3/21/2022	7	1465	121
3/22/2022	17	2132	176
3/23/2022	29	3329	275
3/24/2022	27	3439	284
3/25/2022	23	3047	252
3/26/2022	30	3424	283
3/27/2022	30	3354	277
3/28/2022	25	3435	284
3/29/2022	11	2180	180
3/30/2022	28	3123	258
3/31/2022	34	3893	322

Calendar Date	KIRK	KBRL	KIRK	KMCI	KMWA	KPAH	KPOF	KSPI	KSTL	KUIN	KCSG	KGVL
January1	38.10	41	38	36	33	30	31	38	33	38	17	22.3
January2	38.30	41	38	36	33	30	31	38	33	38	17	22.4
January3	38.40	41	38	36	33	30	31	38	33	38	17	22.5
January4	38.60	41	39	36	33	31	31	38	33	38	17	22.5
January5	38.70	41	39	36	33	31	31	38	33	39	17	22.6
January6	38.80	41	39	36	33	31	31	38	33	39	17	22.6
January7	39.00	42	39	36	33	31	31	38	33	39	17	22.7
January8	39.10	42	39	36	33	31	31	38	34	39	17	22.7
January9	39.20	42	39	36	33	31	31	38	34	39	17	22.8
January10	39.30	42	39	36	33	31	31	38	34	39	17	22.8
January11	39.40	42	39	36	33	31	31	38	34	39	17	22.8
January12	39.40	42	39	36	33	31	31	39	34	39	17	22.8
January13	39.50	42	40	36	33	31	31	39	34	39	17	22.8
January14	39.60	42	40	36	33	31	31	39	34	39	17	22.8
January15	39.60	42	40	36	33	31	31	39	34	39	17	22.8
January16	39.60	42	40	36	33	31	31	39	33	39	17	22.8
January17	39.70	42	40	36	33	31	31	39	33	39	17	22.8
January18	39.70	42	40	36	33	31	31	39	33	39	17	22.8
January19	39.70	42	40	36	33	31	31	38	33	39	17	22.7
January20	39.70	42	40	36	33	31	31	38	33	39	17	22.7
January21	39.60	42	40	36	33	30	31	38	33	39	17	22.7
January22	39.60	42	40	36	32	30	31	38	33	39	17	22.6
January23	39.50	42	40	36	32	30	31	38	33	39	17	22.5
January24	39.50	42	40	36	32	30	30	38	33	39	16	22.5
January25	39.40	41	39	36	32	30	30	38	33	38	16	22.4
January26	39.30	41	39	36	32	30	30	38	33	38	16	22.3
January27	39.20	41	39	36	32	30	30	38	33	38	16	22.2
January28	39.10	41	39	36	32	30	30	38	33	38	16	22.2
January29	39.00	41	39	36	32	30	30	38	32	38	16	22.1
January30	38.90	41	39	35	31	30	30	38	32	38	16	22
January31	38.70	41	39	35	31	29	30	37	32	38	16	21.8
February1	38.50	41	39	35	31	29	29	37	32	38	15	21.7
February2	38.40	40	38	35	31	29	29	37	32	37	15	21.6
February3	38.20	40	38	35	31	29	29	37	32	37	15	21.5
February4	38.00	40	38	35	31	29	29	37	31	37	15	21.3
February5	37.80	40	38	34	30	28	29	37	31	37	15	21.2
February6	37.60	40	38	34	30	28	28	36	31	37	15	21
February7	37.30	39	37	34	30	28	28	36	31	36	14	20.9
February8	37.10	39	37	34	30	28	28	36	31	36	14	20.7
February9	36.80	39	37	33	30	27	28	36	30	36	14	20.5
February10	36.60	39	37	33	29	27	27	35	30	36	14	20.4
February11	36.30	38	36	33	29	27	27	35	30	35	14	20.2
February12	36.00	38	36	33	29	27	27	35	30	35	14	20
February13	35.70	38	36	32	29	26	27	35	29	35	13	19.8
February14	35.40	37	35	32	28	26	26	34	29	35	13	19.6
February15	35.10	37	35	32	28	26	26	34	29	34	13	19.4
February16	34.80	37	35	31	28	26	26	34	29	34	13	19.2
February17	34.40	36	34	31	28	25	25	33	28	34	12	19
February18	34.10	36	34	31	27	25	25	33	28	33	12	18.8
February19	33.70	36	34	30	27	25	25	33	28	33	12	18.6

Station Name	Date	HDD	HDD(-1)
KBRL	2/3/1996	83	80
KMWA	1/19/1994	73.5	57.5
KSPI	12/24/1983	78.5	73
KUIN	12/22/1989	79	72
KPAH	1/20/1985	72	48.5
KIRK	12/24/1983	80.5	75
KMCI	12/22/1989	80.5	73.5
KPOF	1/21/1985	69	54.5
KSTL	1/20/1985	73.5	60
KCSG	1/21/1985	54.5	41.5
KGVL	1/21/1985	56	46

Calendar Date	KIRK	KBRL	KIRK	KMCI	KMWA	KPAH	KPOF	KSPI	KSTL	KUIN	KCSG	KGVL
February20	33.40	35	33	30	27	24	25	32	27	33	12	18.3
February21	33.00	35	33	29	27	24	24	32	27	32	12	18.1
February22	32.60	34	33	29	26	24	24	31	27	32	11	17.9
February23	32.30	34	32	29	26	23	24	31	26	32	11	17.7
February24	31.90	34	32	28	26	23	23	31	26	31	11	17.4
February25	31.50	33	32	28	25	23	23	30	26	31	11	17.2
February26	31.10	33	31	28	25	22	23	30	25	30	11	16.9
February27	30.70	32	31	27	25	22	22	30	25	30	10	16.7
February28	30.30	32	30	27	24	22	22	29	25	30	10	16.4
February29	30.10	32	30	27	24	22	22	29	24	29	10	16.3
March1	29.90	31	30	26	24	21	22	29	24	29	10	16.2
March2	29.50	31	30	26	24	21	21	28	24	29	10	15.9
March3	29.10	31	29	26	23	21	21	28	24	28	10	15.7
March4	28.70	30	29	25	23	21	21	28	23	28	9	15.4
March5	28.30	30	28	25	23	20	20	27	23	28	9	15.2
March6	27.90	29	28	25	22	20	20	27	23	27	9	14.9
March7	27.50	29	28	24	22	20	20	26	22	27	9	14.7
March8	27.00	28	27	24	22	19	19	26	22	26	9	14.4
March9	26.60	28	27	23	21	19	19	26	21	26	8	14.2
March10	26.20	28	26	23	21	19	19	25	21	26	8	13.9
March11	25.80	27	26	23	21	18	18	25	21	25	8	13.6
March12	25.40	27	25	22	20	18	18	24	20	25	8	13.4
March13	25.00	26	25	22	20	18	18	24	20	24	8	13.1
March14	24.60	26	25	21	20	17	17	24	20	24	7	12.9
March15	24.20	26	24	21	19	17	17	23	19	23	7	12.6
March16	23.80	25	24	21	19	17	17	23	19	23	7	12.4
March17	23.30	25	23	20	19	17	16	22	19	23	7	12.1
March18	23.00	24	23	20	18	16	16	22	18	22	7	11.9
March19	22.60	24	23	20	18	16	16	22	18	22	7	11.6
March20	22.20	23	22	19	17	16	15	21	17	22	6	11.4
March21	21.80	23	22	19	17	15	15	21	17	21	6	11.1
March22	21.40	23	21	19	17	15	15	21	17	21	6	10.9
March23	21.00	22	21	18	16	15	15	20	16	20	6	10.6
March24	20.60	22	21	18	16	14	14	20	16	20	6	10.3
March25	20.20	22	20	18	16	14	14	19	16	20	6	10.1
March26	19.80	21	20	17	15	14	14	19	15	19	5	9.8
March27	19.50	21	20	17	15	14	13	19	15	19	5	9.5
March28	19.10	20	19	17	15	13	13	18	15	19	5	9.3
March29	18.80	20	19	16	14	13	13	18	14	18	5	9
March30	18.40	20	18	16	14	13	12	18	14	18	5	8.8
March31	18.00	19	18	16	14	12	12	17	14	17	5	8.5
April1	17.70	19	18	15	13	12	12	17	14	17	4	8.3
April2	17.40	18	17	15	13	12	11	17	13	17	4	8.1
April3	17.00	18	17	15	13	12	11	16	13	16	4	7.9
April4	16.70	18	17	14	13	11	11	16	13	16	4	7.7
April5	16.30	17	16	14	12	11	10	16	12	16	4	7.5
April6	16.00	17	16	14	12	11	10	15	12	15	4	7.2
April7	15.70	16	16	14	12	10	10	15	11	15	4	7
April8	15.40	16	15	13	11	10	10	15	11	15	3	6.8
April9	15.10	16	15	13	11	10	9	14	11	14	3	6.7
April10	14.80	15	15	13	11	10	9	14	11	14	3	6.5

Calendar Date	KIRK	KBRL	KIRK	KMCI	KMWA	KPAH	KPOF	KSPI	KSTL	KUIN	KCSG	KGVL
April11	14.50	15	15	12	10	9	9	14	10	14	3	6.3
April12	14.20	15	14	12	10	9	9	13	10	13	3	6.1
April13	13.90	14	14	12	10	9	8	13	10	13	3	5.9
April14	13.60	14	14	11	10	9	8	13	9	13	3	5.6
April15	13.20	13	13	11	9	8	8	12	9	12	2	5.4
April16	12.90	13	13	11	9	8	7	12	9	12	2	5.2
April17	12.60	13	13	11	9	8	7	12	8	12	2	5
April18	12.30	12	12	10	8	7	7	11	8	12	2	4.7
April19	12.00	12	12	10	8	7	7	11	8	11	2	4.6
April20	11.70	12	12	10	8	7	6	11	8	11	2	4.4
April21	11.40	11	11	9	8	7	6	10	7	11	2	4.2
April22	11.10	11	11	9	7	6	6	10	7	10	1	4.1
April23	10.80	11	11	9	7	6	6	10	7	10	1	3.9
April24	10.50	10	11	8	7	6	5	9	6	10	1	3.7
April25	10.30	10	10	8	6	5	5	9	6	9	1	3.5
April26	10.00	10	10	8	6	5	5	9	6	9	1	3.3
April27	9.70	9	10	7	6	5	5	8	6	9	1	3.2
April28	9.40	9	9	7	6	5	4	8	5	8	1	3.1
April29	9.20	9	9	7	5	5	4	8	5	8	1	3
April30	8.90	8	9	7	5	4	4	7	5	8	1	2.8
May1	8.60	8	9	6	5	4	4	7	5	8	1	2.7
May2	8.40	8	8	6	5	4	3	7	4	7	1	2.6
May3	8.10	7	8	6	4	4	3	7	4	7	1	2.4
May4	7.90	7	8	5	4	3	3	6	4	7	1	2.3
May5	7.70	7	8	5	4	3	3	6	4	6	1	2.2
May6	7.40	7	7	5	4	3	3	6	4	6	0	2.1
May7	7.20	6	7	5	4	3	3	6	3	6	0	1.9
May8	6.90	6	7	5	3	3	2	5	3	6	0	1.8
May9	6.70	6	7	4	3	3	2	5	3	6	0	1.7
May10	6.50	6	7	4	3	3	2	5	3	5	0	1.7
May11	6.20	5	6	4	3	3	2	5	3	5	0	1.6
May12	6.00	5	6	4	3	2	2	5	3	5	0	1.5
May13	5.70	5	6	4	3	2	2	4	3	5	0	1.4
May14	5.50	5	6	4	3	2	2	4	3	5	0	1.3
May15	5.20	5	5	3	3	2	2	4	3	4	0	1.2
May16	5.00	4	5	3	3	2	2	4	2	4	0	1.1
May17	4.80	4	5	3	2	2	2	4	2	4	0	1.1
May18	4.50	4	5	3	2	2	2	4	2	4	0	1
May19	4.30	4	4	3	2	2	1	3	2	4	0	0.9
May20	4.00	4	4	3	2	2	1	3	2	4	0	0.8
May21	3.80	3	4	2	2	1	1	3	2	3	0	0.7
May22	3.50	3	4	2	2	1	1	3	2	3	0	0.7
May23	3.20	3	3	2	2	1	1	3	1	3	0	0.7
May24	3.00	3	3	2	2	1	1	3	1	3	0	0.6
May25	2.80	3	3	2	1	1	1	2	1	3	0	0.5
May26	2.60	3	3	2	1	1	1	2	1	3	0	0.5
May27	2.40	2	2	2	1	1	1	2	1	2	0	0.4
May28	2.20	2	2	2	1	1	1	2	1	2	0	0.3
May29	2.10	2	2	1	1	1	1	2	1	2	0	0.3
May30	1.90	2	2	1	1	1	1	2	1	2	0	0.3
May31	1.80	2	2	1	1	1	0	2	1	2	0	0.3

Calendar Date	KIRK	KBRL	KIRK	KMCI	KMWA	KPAH	KPOF	KSPI	KSTL	KUIN	KCSG	KGVL
July22	0.10	0	0	0	0	0	0	0	0	0	0	0
July23	0.10	0	0	0	0	0	0	0	0	0	0	0
July24	0.10	0	0	0	0	0	0	0	0	0	0	0
July25	0.10	0	0	0	0	0	0	0	0	0	0	0
July26	0.10	0	0	0	0	0	0	0	0	0	0	0
July27	0.10	0	0	0	0	0	0	0	0	0	0	0
July28	-	0	0	0	0	0	0	0	0	0	0	0
July29	-	0	0	0	0	0	0	0	0	0	0	0
July30	-	0	0	0	0	0	0	0	0	0	0	0
July31	-	0	0	0	0	0	0	0	0	0	0	0
August1	-	0	0	0	0	0	0	0	0	0	0	0
August2	-	0	0	0	0	0	0	0	0	0	0	0
August3	-	0	0	0	0	0	0	0	0	0	0	0
August4	-	0	0	0	0	0	0	0	0	0	0	0
August5	-	0	0	0	0	0	0	0	0	0	0	0
August6	0.10	0	0	0	0	0	0	0	0	0	0	0
August7	0.10	0	0	0	0	0	0	0	0	0	0	0
August8	0.10	0	0	0	0	0	0	0	0	0	0	0
August9	0.10	0	0	0	0	0	0	0	0	0	0	0
August10	0.10	0	0	0	0	0	0	0	0	0	0	0
August11	0.10	0	0	0	0	0	0	0	0	0	0	0
August12	0.10	0	0	0	0	0	0	0	0	0	0	0
August13	0.10	0	0	0	0	0	0	0	0	0	0	0
August14	0.10	0	0	0	0	0	0	0	0	0	0	0
August15	0.10	0	0	0	0	0	0	0	0	0	0	0
August16	0.10	0	0	0	0	0	0	0	0	0	0	0
August17	0.10	0	0	0	0	0	0	0	0	0	0	0
August18	0.20	0	0	0	0	0	0	0	0	0	0	0
August19	0.20	0	0	0	0	0	0	0	0	0	0	0
August20	0.20	0	0	0	0	0	0	0	0	0	0	0
August21	0.20	0	0	0	0	0	0	0	0	0	0	0
August22	0.20	0	0	0	0	0	0	0	0	0	0	0
August23	0.20	0	0	0	0	0	0	0	0	0	0	0
August24	0.20	0	0	0	0	0	0	0	0	0	0	0
August25	0.30	0	0	0	0	0	0	0	0	0	0	0
August26	0.30	0	0	0	0	0	0	0	0	0	0	0
August27	0.40	0	0	0	0	0	0	0	0	0	0	0
August28	0.40	0	0	0	0	0	0	0	0	0	0	0
August29	0.50	0	1	0	0	0	0	0	0	0	0	0
August30	0.60	1	1	0	0	0	0	0	0	0	0	0
August31	0.70	1	1	0	0	0	0	0	0	0	0	0
September1	0.80	1	1	0	0	0	0	0	0	0	0	0
September2	0.80	1	1	0	0	0	0	0	0	1	0	0
September3	0.90	1	1	0	0	0	0	0	0	1	0	0
September4	1.00	1	1	0	0	0	0	1	0	1	0	0
September5	1.20	1	1	0	0	0	0	1	0	1	0	0
September6	1.30	1	1	1	0	0	0	1	0	1	0	0
September7	1.40	1	1	1	0	0	0	1	0	1	0	0.1
September8	1.50	1	2	1	0	0	0	1	0	1	0	0.1
September9	1.70	1	2	1	0	0	0	1	0	1	0	0.1
September10	1.80	1	2	1	1	0	0	1	0	1	0	0.1

Calendar Date	KIRK	KBRL	KIRK	KMCI	KMWA	KPAH	KPOF	KSPI	KSTL	KUIN	KCSG	KGVL
September11	2.00	2	2	1	1	0	0	1	0	1	0	0.1
September12	2.10	2	2	1	1	0	0	1	1	2	0	0.1
September13	2.30	2	2	1	1	1	0	2	1	2	0	0.1
September14	2.50	2	3	2	1	1	0	2	1	2	0	0.1
September15	2.70	2	3	2	1	1	1	2	1	2	0	0.2
September16	2.90	3	3	2	1	1	1	2	1	2	0	0.2
September17	3.00	3	3	2	2	1	1	3	1	3	0	0.2
September18	3.20	3	3	2	2	1	1	3	1	3	0	0.3
September19	3.40	3	3	3	2	1	1	3	2	3	0	0.3
September20	3.60	4	4	3	2	2	1	3	2	3	0	0.4
September21	3.90	4	4	3	2	2	1	3	2	4	0	0.4
September22	4.10	4	4	3	3	2	2	4	2	4	0	0.5
September23	4.30	4	4	3	3	2	2	4	2	4	0	0.5
September24	4.60	5	5	4	3	2	2	4	2	5	0	0.6
September25	4.90	5	5	4	3	3	2	5	3	5	0	0.7
September26	5.20	5	5	4	3	3	2	5	3	5	0	0.8
September27	5.50	6	6	4	4	3	3	5	3	6	0	1
September28	5.80	6	6	5	4	3	3	6	3	6	0	1.1
September29	6.10	6	6	5	4	4	3	6	4	6	0	1.2
September30	6.30	7	6	5	4	4	3	6	4	6	0	1.3
October1	6.60	7	7	5	5	4	4	6	4	7	0	1.4
October2	6.90	7	7	6	5	4	4	7	4	7	0	1.6
October3	7.20	8	7	6	5	4	4	7	4	7	0	1.7
October4	7.50	8	8	6	5	5	4	7	5	7	0	1.9
October5	7.90	8	8	6	5	5	4	8	5	8	1	2
October6	8.20	9	8	7	6	5	5	8	5	8	1	2.2
October7	8.50	9	9	7	6	5	5	8	5	8	1	2.3
October8	8.80	9	9	7	6	6	5	8	6	9	1	2.4
October9	9.20	10	9	7	6	6	5	9	6	9	1	2.6
October10	9.50	10	10	8	7	6	5	9	6	9	1	2.8
October11	9.80	10	10	8	7	6	6	9	6	9	1	3.1
October12	10.10	10	10	8	7	6	6	9	6	10	1	3.3
October13	10.40	11	10	8	7	7	6	10	7	10	1	3.5
October14	10.70	11	11	9	8	7	6	10	7	10	1	3.7
October15	11.10	11	11	9	8	7	7	10	7	10	1	4
October16	11.50	12	12	9	8	7	7	11	7	11	1	4.2
October17	11.80	12	12	10	8	7	7	11	8	11	2	4.5
October18	12.20	12	12	10	9	8	7	11	8	11	2	4.8
October19	12.60	13	13	10	9	8	8	11	8	12	2	5.1
October20	13.00	13	13	10	9	8	8	12	8	12	2	5.4
October21	13.40	13	13	11	9	8	8	12	9	12	2	5.7
October22	13.80	14	14	11	10	9	8	12	9	12	3	6.1
October23	14.20	14	14	11	10	9	9	12	9	13	3	6.4
October24	14.60	14	15	12	10	9	9	13	10	13	3	6.7
October25	15.00	15	15	12	11	9	9	13	10	13	3	7
October26	15.40	15	15	12	11	10	9	13	10	14	4	7.3
October27	15.80	16	16	13	11	10	10	14	10	14	4	7.6
October28	16.30	16	16	13	12	10	10	14	11	14	4	7.9
October29	16.70	16	17	13	12	11	10	14	11	15	4	8.2
October30	17.10	17	17	14	12	11	11	15	11	15	5	8.6
October31	17.50	17	18	14	13	11	11	15	12	15	5	8.9

Calendar Date	KIRK	KBRL	KIRK	KMCI	KMWA	KPAH	KPOF	KSPI	KSTL	KUIN	KCSG	KGVL
November1	17.90	18	18	14	13	12	11	15	12	16	5	9.2
November2	18.40	18	18	15	13	12	12	16	12	16	5	9.5
November3	18.80	19	19	15	13	12	12	16	13	17	6	9.8
November4	19.20	19	19	16	14	12	12	17	13	17	6	10.1
November5	19.60	19	20	16	14	13	13	17	14	17	6	10.3
November6	20.00	20	20	17	14	13	13	17	14	18	6	10.6
November7	20.50	20	21	17	15	14	13	18	14	18	7	10.9
November8	20.90	21	21	18	15	14	14	18	15	19	7	11.2
November9	21.30	21	21	18	16	14	14	19	15	19	7	11.5
November10	21.70	22	22	19	16	15	14	19	16	20	7	11.8
November11	22.20	23	22	19	16	15	15	20	16	20	8	12.1
November12	22.60	23	23	19	17	15	15	20	17	21	8	12.4
November13	23.00	24	23	20	17	16	16	21	17	21	8	12.6
November14	23.40	24	23	21	17	16	16	21	17	22	8	12.9
November15	23.90	25	24	21	18	17	16	21	18	22	8	13.2
November16	24.30	25	24	22	18	17	17	22	18	23	9	13.5
November17	24.70	26	25	22	19	17	17	22	19	23	9	13.7
November18	25.10	26	25	23	19	18	18	23	19	24	9	14
November19	25.50	27	26	23	19	18	18	24	20	24	9	14.3
November20	25.90	27	26	24	20	19	19	24	20	25	10	14.5
November21	26.30	28	26	24	20	19	19	25	21	25	10	14.8
November22	26.70	29	27	25	21	20	20	25	21	26	10	15.1
November23	27.10	29	27	25	21	20	20	26	22	26	10	15.3
November24	27.50	30	28	26	22	20	20	26	22	27	11	15.6
November25	27.90	30	28	26	22	21	21	27	23	27	11	15.8
November26	28.20	31	28	27	22	21	21	27	23	28	11	16.1
November27	28.60	31	29	27	23	22	22	28	24	28	11	16.3
November28	29.00	32	29	28	23	22	22	28	24	29	11	16.6
November29	29.30	32	29	28	24	23	23	29	25	29	12	16.8
November30	29.70	33	30	29	24	23	23	29	25	30	12	17.1
December1	30.00	33	30	29	25	23	23	30	26	30	12	17.3
December2	30.40	34	30	30	25	24	24	30	26	31	12	17.5
December3	30.70	34	31	30	25	24	24	30	26	31	12	17.8
December4	31.10	35	31	30	26	24	25	31	27	32	13	18
December5	31.40	35	31	31	26	25	25	31	27	32	13	18.2
December6	31.70	35	32	31	27	25	25	32	28	32	13	18.4
December7	32.00	36	32	31	27	26	26	32	28	33	13	18.6
December8	32.30	36	32	32	27	26	26	33	28	33	13	18.8
December9	32.60	37	33	32	28	26	26	33	29	34	14	19
December10	32.90	37	33	32	28	26	27	33	29	34	14	19.2
December11	33.20	37	33	33	28	27	27	34	29	34	14	19.4
December12	33.50	38	34	33	29	27	27	34	30	35	14	19.6
December13	33.80	38	34	33	29	27	28	34	30	35	14	19.8
December14	34.10	38	34	34	29	28	28	35	30	35	14	20
December15	34.40	38	34	34	29	28	28	35	31	35	15	20.1
December16	34.60	39	35	34	30	28	28	35	31	36	15	20.3
December17	34.90	39	35	34	30	28	29	35	31	36	15	20.5
December18	35.10	39	35	35	30	28	29	36	31	36	15	20.6
December19	35.40	39	35	35	30	29	29	36	31	36	15	20.8
December20	35.60	40	36	35	31	29	29	36	32	37	15	20.9
December21	35.90	40	36	35	31	29	30	36	32	37	15	21.1

Calendar Date	KIRK	KBRL	KIRK	KMCI	KMWA	KPAH	KPOF	KSPI	KSTL	KUIN	KCSG	KGVL
December22	36.10	40	36	35	31	29	30	37	32	37	16	21.2
December23	36.30	40	36	35	31	29	30	37	32	37	16	21.4
December24	36.60	40	37	35	32	29	30	37	32	37	16	21.5
December25	36.80	40	37	36	32	30	30	37	33	38	16	21.6
December26	37.00	41	37	36	32	30	30	37	33	38	16	21.7
December27	37.20	41	37	36	32	30	30	37	33	38	16	21.9
December28	37.40	41	37	36	32	30	31	37	33	38	16	22
December29	37.60	41	38	36	32	30	31	38	33	38	16	22.1
December30	37.80	41	38	36	32	30	31	38	33	38	17	22.2
December31	37.90	41	38	36	32	30	31	38	33	38	17	22.2