

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 2022-2023 Design Day and RFP Plan Summary File Last Updated: November 15, 2022	Planned Volumes
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Design Day Summary and Deliverable Capacity		
Load Study:	Bowling Green, MO	
Weather Station Location:	Quincy, IL	
Weather Station Code:	KUIIN	
Data Sample:	1/1/2020 to 3/31/2022	
HDD Selection Method:	Coldest Day Since 1970	
Forecasted Design Day DTH		
Forecasted DTH:	1,768	
S.E. of Regression:	38	
S.E. 95% Adjustment	75	
3rd Party Obligations DTH:	0	
Total Forecasted DTH:	1,881	
Reserve Margin Summary		
Final Deliverable Capacity DTH:	2,600	
Reserve Capacity DTH:	719	
Reserve Capacity %:	38.25%	
Design Day Weather	Date	HDD
Coldest HDD on Record:	12/22/1989	79
HDD of Prior Day:	12/21/1989	72

Summary of Final Delivery Capacity			
Pipeline	Contract # & Description	MDQ DTH	Notes
PEPL	SCT 11474	2,600	Small customer rate; only pays for what is used.
Total Capacity		2,600	

Summary of Upstream Storage and Storage Capacity			
Pipeline	Contract # & Description	MDQ DTH	Notes
PEPL	IOS 11794	520	
Total Upstream and Storage Capacity		520	

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
January	2023	1,190	26,548	1,309	29,282	1,071	23,813	1,428	32,017	952	21,079
February	2023	946	21,219	1,041	23,399	852	19,039	1,135	25,579	757	16,859
March	2023	714	14,313	785	15,879	643	12,859	857	17,519	571	11,557
April	2023	367	7,009	403	7,471	330	6,547	440	7,950	293	6,085
May	2023	130	3,528	143	3,692	117	3,363	156	3,857	104	3,199
June	2023	13	2,155	14	2,172	12	2,139	16	2,188	10	2,122
July	2023	0	1,944	0	1,944	0	1,944	0	1,945	0	1,943
August	2023	4	2,072	4	2,077	3	2,067	5	2,081	3	2,063
September	2023	73	2,462	80	2,553	66	2,371	87	2,644	58	2,281
October	2023	331	6,003	365	6,418	298	5,588	398	6,832	265	5,174
November	2022	682	12,786	750	14,226	614	11,444	818	15,739	545	10,239
December	2022	1,035	21,289	1,139	23,662	932	18,915	1,242	26,036	828	18,541
Firm Winter DTH		4,568	96,155	5,024	106,949	4,111	86,071	5,481	116,890	3,654	76,275
Firm Annual DTH		5,486	121,328	6,034	132,775	4,937	110,091	6,583	144,387	4,388	99,141

Interruptible Sales Customers											
Month	Year	Normal Weather		10% Colder		10% Warmer		20% Colder		20% Warmer	
		HDD	DTH	HDD	DTH	HDD	DTH	HDD	DTH	HDD	DTH
January	2023	1,190	6,487	1,309	7,160	1,071	5,815	1,428	7,833	952	5,142
February	2023	946	4,456	1,041	4,996	852	3,916	1,135	5,536	757	3,377
March	2023	714	3,953	785	4,354	643	3,569	857	4,764	571	3,209
April	2023	367	2,373	403	2,521	330	2,226	440	2,674	293	2,080
May	2023	130	1,300	143	1,353	117	1,248	156	1,405	104	1,196
June	2023	13	863	14	868	12	858	16	874	10	853
July	2023	0	668	0	668	0	667	0	668	0	667
August	2023	4	598	4	600	3	597	5	601	3	596
September	2023	73	728	80	757	66	700	87	785	58	671
October	2023	331	1,568	365	1,698	298	1,438	398	1,829	265	1,308
November	2022	682	3,471	750	3,826	614	3,131	818	4,194	545	2,814
December	2022	1,035	5,336	1,139	5,918	932	4,755	1,242	6,499	828	4,174
INT Winter DTH		4,568	23,704	5,024	26,255	4,111	21,187	5,481	28,826	3,654	18,715
INT Annual DTH		5,486	31,803	6,034	34,719	4,937	28,921	6,583	37,661	4,388	26,086
Total Winter DTH		4,568	119,859	5,024	132,703	4,111	107,257	5,481	145,715	3,654	94,990
Total Annual DTH		5,486	153,131	6,034	167,494	4,937	139,012	6,583	182,048	4,388	125,227

April	9,382	10,625	8,165
May	4,828	5,261	4,395
June	3,018	3,062	2,975
July	2,612	2,612	2,611
August	2,670	2,683	2,658
September	3,191	3,429	2,952
October	7,571	8,661	6,482
November	16,257	19,933	13,053
December	26,625	32,535	20,715
January	33,035	39,850	26,221
February	25,675	31,115	20,235
March	18,267	22,283	14,766
	153,131	182,048	125,227

W/ Firm DTH(-1) Model				
Dependent Variable: BOWLING_GREEN_FIRM				
Method: Least Squares				
Date: 11/15/22 Time: 07:11				
Sample: 1/01/2020 3/31/2022				
Included observations: 821				
HAC standard errors & covariance (Bartlett kernel, Newey-West fixed bandwidth = 7.0000)				
Variable	Coefficient	Std. Error	t-Statistic	Prob.
BOWLING_GREEN_HDD	11.6427	0.452818	25.7116373	0.0000
BOWLING_GREEN_HDD45	6.8849	0.7120447	9.66925066	0.0000
BOWLING_GREEN_HDD(-1)	-2.9916	0.7201789	-4.1540074	0.0000
BOWLING_GREEN_FIRM(-1)	0.3240	0.0372695	8.69252546	0.0000
MONTH12	41.9320	10.732448	3.90703044	0.0001
MONTH02	80.9700	11.803029	6.86010464	0.0000
MONTH01	78.1964	12.286982	6.36416879	0.0000
MONTH03	44.8106	6.6482476	6.74020645	0.0000
MONTH11	28.2219	5.4399962	5.18784917	0.0000
WEEKDAY01	44.7398	3.4230192	13.07028	0.0000
WEEKDAY02	38.9168	3.6622443	10.6264821	0.0000
WEEKDAY03	48.6495	4.5703518	10.6445909	0.0000
WEEKDAY04	48.9161	4.5279478	10.8031589	0.0000
WEEKDAY05	46.5229	4.0431865	11.5064902	0.0000
WEEKDAY06	38.3040	4.1870048	9.14829525	0.0000
WEEKDAY07	32.9824	4.2930238	7.68278771	0.0000
R-squared	0.987318949	Mean dependent var	370.3812	
Adjusted R-squared	0.987082656	S.D. dependent var	336.0354	
S.E. of regression	38.19193561	Akaike info criterion	10.14242	
Sum squared resid	1.17E+06	Schwarz criterion	10.23422	
Log likelihood	-4147.464173	Hannan-Quinn criter.	10.17764	
Durbin-Watson stat	1.74701697			

W/O Firm DTH(-1) Model				
Dependent Variable: BOWLING_GREEN_FIRM				
Method: Least Squares				
Date: 11/15/22 Time: 07:12				
Sample: 1/01/2020 3/31/2022				
Included observations: 821				
HAC standard errors & covariance (Bartlett kernel, Newey-West fixed bandwidth = 7.0000)				
Variable	Coefficient	Std. Error	t-Statistic	Prob.
BOWLING_GREEN_HDD	10.2966	0.47405907	21.720037	0.0000
BOWLING_GREEN_HDD45	8.9045	0.76361017	11.661074	0.0000
BOWLING_GREEN_HDD(-1)	2.7708	0.32961571	8.4061489	0.0000
MONTH12	66.6539	16.3419655	4.078695	0.0000
MONTH02	136.7614	11.4778172	11.915281	0.0000
MONTH01	127.5354	14.4594965	8.8201801	0.0000
MONTH03	67.6234	7.97351311	8.4810083	0.0000
MONTH11	41.2026	6.98036465	5.9026424	0.0000
WEEKDAY01	61.2385	3.30816227	18.511334	0.0000
WEEKDAY02	58.4064	3.1499715	18.541877	0.0000
WEEKDAY03	67.1513	3.45831052	19.417368	0.0000
WEEKDAY04	70.6091	3.58142283	19.715365	0.0000
WEEKDAY05	67.9798	3.58192785	18.978548	0.0000
WEEKDAY06	59.3261	3.42203626	17.336482	0.0000
WEEKDAY07	51.4172	3.67054575	14.008062	0.0000
R-squared	0.985122468	Mean dependent var	370.3812	
Adjusted R-squared	0.98486405	S.D. dependent var	336.0354	
S.E. of regression	41.34185036	Akaike info criterion	10.29973	
Sum squared resid	1.38E+06	Schwarz criterion	10.38579	
Log likelihood	-4213.038808	Hannan-Quinn criter.	10.33275	
Durbin-Watson stat	1.175073511			

Design Day DTH Calculations	
Design Day Date	HDD
12/22/1989	79
12/21/1989	72
Is HDD(-2) Known?	NO
N/A	72
Calendar Load	129.89
Weather Load	1110.59
DTH Lag Load	527.15
Total Forecasted D	1767.62
DTH(-1) Calculations	
NO DTH	
Calendar Load	207.37
Weather Load	1403.89
Total Forecast DTH	1611.26
DTH LRV method	
Calendar Load	129.89
Weather Load	980.89
Total Forecast DTH	1643.08

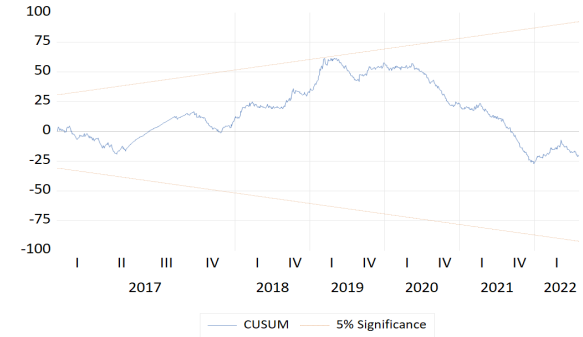
Dependent Variable: BOWLING_GREEN_FIRM
Method: Least Squares
Date: 11/15/22 Time: 09:43
Sample (adjusted): 1/02/2017 3/31/2018 11/01/2018 3/31/2019 11/01/2019 3/31/2020 11/01/2020 3/31/2021 11/01/2021 3/31/2022
Included observations: 1059 after adjustments
HAC standard errors & covariance (Bartlett kernel, Newey-West fixed bandwidth = 7.0000)

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	9.2993	3.50E+00	2.66E+00	0.00795
BOWLING_GREEN_HDD	17.4512	3.18E-01	54.80275346	0.00000
BOWLING_GREEN_HDD(-1)	-7.6581	0.582054548	-13.15698787	0.00000
BOWLING_GREEN_FIRM(-1)	0.5476	0.025855011	21.17779184	0.00000
R-squared	0.9738	Mean dependent var		548.47309
Adjusted R-squared	0.9738	S.D. dependent var		340.29149
S.E. of regression	55.1119	Akaike info criterion		10.86038
Sum squared resid	3204372.2390	Schwarz criterion		10.87913
Log likelihood	-5746.5700	Hannan-Quinn criter.		10.86749
F-statistic	13093.8065	Durbin-Watson stat		1.96950
Prob(F-statistic)	0.0000	Wald F-statistic		9751.78421
Prob(Wald F-statistic)	0.0000			

Quandt-Andrews unknown breakpoint test
Null Hypothesis: No breakpoints within 15% trimmed data
Equation Sample: 1/02/2017 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: 6/10/2017 3/24/2021
Number of breaks compared: 742

Statistic	Value	Prob.
Maximum LR F-statistic (12/04/2017)	17.89911	0.00000
Exp LR F-statistic	6.01606	0.00000
Ave LR F-statistic	7.40013	0.00000

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



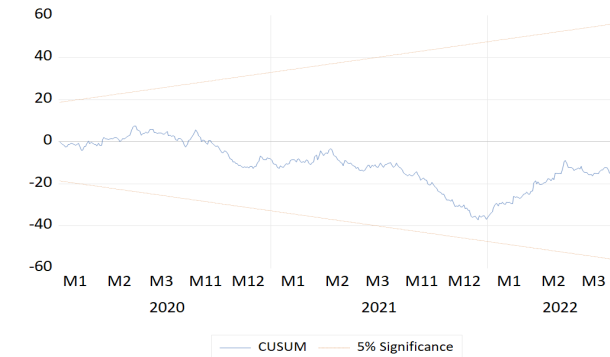
Dependent Variable: BOWLING_GREEN_FIRM
Method: Least Squares
Date: 11/15/22 Time: 09:44
Sample: 1/01/2020 3/31/2020 11/01/2020 3/31/2021 11/01/2021 3/31/2022
Included observations: 393
HAC standard errors & covariance (Bartlett kernel, Newey-West fixed bandwidth = 6.0000)

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-14.7757515	7.4389255	-1.9862750	0.0477042
BOWLING_GREEN_HDD	17.7031894	0.4544517	38.9550528	0.0000000
BOWLING_GREEN_HDD(-1)	-6.2714995	0.7910403	-7.9281666	0.0000000
BOWLING_GREEN_FIRM(-1)	0.4960357	0.0329305	15.0631211	0.0000000
R-squared	0.9662	Mean dependent var		638.8142
Adjusted R-squared	0.9659	S.D. dependent var		292.1825
S.E. of regression	53.9531	Akaike info criterion		10.8242
Sum squared resid	1132352.5768	Schwarz criterion		10.8647
Log likelihood	-2122.9615	Hannan-Quinn criter.		10.8403
F-statistic	3702.4724	Durbin-Watson stat		1.9201
Prob(F-statistic)	0.0000	Wald F-statistic		2802.8633
Prob(Wald F-statistic)	0.0000			

Quandt-Andrews unknown breakpoint test
Null Hypothesis: No breakpoints within 15% trimmed data
Equation Sample: 1/01/2020 3/31/2020 11/01/2020 3/31/2021 11/01/2021 3/31/2022
Test Sample: 2/29/2020 2/01/2022
Number of breaks compared: 276

Statistic	Value	Prob.
Maximum LR F-statistic (1/01/2022)	6.71573	0.00063
Exp LR F-statistic	1.43269	0.02931
Ave LR F-statistic	1.99679	0.03716

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



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

<u>Gas Day</u>	<u>HDD</u>	Bowling Green Firm <u>Dth</u>	Bowling Green Interruptible <u>Dth</u>
1/1/2020	21	552	147
1/2/2020	23	489	130
1/3/2020	31	613	163
1/4/2020	33	709	188
1/5/2020	28	626	166
1/6/2020	31	607	161
1/7/2020	33	654	173
1/8/2020	29	637	169
1/9/2020	13	318	85
1/10/2020	28	487	129
1/11/2020	39	820	217
1/12/2020	36	817	217
1/13/2020	29	712	189
1/14/2020	22	499	132
1/15/2020	37	714	189
1/16/2020	46	944	251
1/17/2020	34	865	230
1/18/2020	50	1117	296
1/19/2020	55	1206	320
1/20/2020	53	1113	295
1/21/2020	40	954	253
1/22/2020	33	875	232
1/23/2020	32	748	198
1/24/2020	33	809	153
1/25/2020	38	903	171
1/26/2020	36	763	144
1/27/2020	35	823	156
1/28/2020	39	826	156
1/29/2020	38	824	156
1/30/2020	34	765	144
1/31/2020	30	652	123
2/1/2020	27	670	127
2/2/2020	20	421	80
2/3/2020	22	448	85
2/4/2020	34	828	156
2/5/2020	39	918	173
2/6/2020	42	899	170
2/7/2020	38	860	162
2/8/2020	36	814	154
2/9/2020	32	744	141
2/10/2020	34	760	143
2/11/2020	32	713	135
2/12/2020	41	898	170
2/13/2020	65	1380	261
2/14/2020	49	1164	220

<u>Gas Day</u>	<u>HDD</u>	<u>Dth</u>	<u>Dth</u>
2/15/2020	37	852	161
2/16/2020	28	617	117
2/17/2020	28	651	123
2/18/2020	35	795	150
2/19/2020	39	841	159
2/20/2020	46	1041	197
2/21/2020	34	832	157
2/22/2020	23	596	113
2/23/2020	17	417	79
2/24/2020	27	654	123
2/25/2020	33	845	160
2/26/2020	37	864	223
2/27/2020	32	746	192
2/28/2020	36	715	184
2/29/2020	25	562	145
3/1/2020	15	328	85
3/2/2020	25	419	108
3/3/2020	19	436	112
3/4/2020	21	455	117
3/5/2020	21	505	131
3/6/2020	25	517	133
3/7/2020	16	374	96
3/8/2020	6	245	63
3/9/2020	19	393	102
3/10/2020	26	552	142
3/11/2020	20	376	97
3/12/2020	20	411	106
3/13/2020	23	463	120
3/14/2020	31	654	169
3/15/2020	27	608	157
3/16/2020	25	562	145
3/17/2020	20	437	113
3/18/2020	16	357	92
3/19/2020	8	241	62
3/20/2020	31	637	165
3/21/2020	31	574	148
3/22/2020	32	683	176
3/23/2020	27	586	151
3/24/2020	24	551	142
3/25/2020	14	327	85
3/26/2020	15	244	80
3/27/2020	9	154	51
3/28/2020	7	191	63
3/29/2020	15	301	100
3/30/2020	12	226	74
3/31/2020	19	292	96

<u>Gas Day</u>	<u>HDD</u>	<u>Dth</u>	<u>Dth</u>
4/1/2020	14	281	93
4/2/2020	7	180	59
4/3/2020	24	344	114
4/4/2020	26	472	156
4/5/2020	13	286	95
4/6/2020	2	144	48
4/7/2020	0	105	34
4/8/2020	7	164	54
4/9/2020	24	402	133
4/10/2020	16	315	104
4/11/2020	10	198	65
4/12/2020	18	338	112
4/13/2020	29	513	169
4/14/2020	26	496	164
4/15/2020	28	463	153
4/16/2020	29	489	161
4/17/2020	30	592	196
4/18/2020	14	299	99
4/19/2020	13	221	73
4/20/2020	10	198	65
4/21/2020	12	232	76
4/22/2020	3	141	47
4/23/2020	7	150	50
4/24/2020	9	149	49
4/25/2020	19	349	115
4/26/2020	8	181	60
4/27/2020	2	141	46
4/28/2020	4	117	44
4/29/2020	16	314	116
4/30/2020	7	165	61
5/1/2020	0	98	37
5/2/2020	0	88	33
5/3/2020	6	113	42
5/4/2020	14	185	69
5/5/2020	18	227	85
5/6/2020	13	217	80
5/7/2020	8	159	59
5/8/2020	18	272	101
5/9/2020	11	176	66
5/10/2020	19	308	114
5/11/2020	16	250	93
5/12/2020	13	211	78
5/13/2020	9	198	73
5/14/2020	0	96	36
5/15/2020	1	93	34
5/16/2020	0	87	33

<u>Gas Day</u>	<u>HDD</u>	<u>Dth</u>	<u>Dth</u>
5/17/2020	5	99	37
5/18/2020	9	141	52
5/19/2020	6	132	49
5/20/2020	6	123	46
5/21/2020	4	112	42
5/22/2020	0	86	32
5/23/2020	0	77	29
5/24/2020	0	74	28
5/25/2020	0	78	29
5/26/2020	0	77	28
5/27/2020	0	73	34
5/28/2020	0	77	36
5/29/2020	1	78	37
5/30/2020	0	74	35
5/31/2020	0	69	33
6/1/2020	0	71	33
6/2/2020	0	71	33
6/3/2020	0	71	33
6/4/2020	0	74	34
6/5/2020	0	69	33
6/6/2020	0	65	31
6/7/2020	0	64	30
6/8/2020	0	65	31
6/9/2020	0	69	32
6/10/2020	1	73	34
6/11/2020	0	70	33
6/12/2020	0	68	32
6/13/2020	0	66	31
6/14/2020	0	67	31
6/15/2020	0	68	32
6/16/2020	0	69	32
6/17/2020	0	67	31
6/18/2020	0	67	31
6/19/2020	0	65	31
6/20/2020	0	64	30
6/21/2020	0	67	31
6/22/2020	0	65	30
6/23/2020	0	67	32
6/24/2020	0	68	32
6/25/2020	0	65	30
6/26/2020	0	70	24
6/27/2020	0	70	24
6/28/2020	0	66	23
6/29/2020	0	68	24
6/30/2020	0	73	25
7/1/2020	0	70	24

<u>Gas Day</u>	<u>HDD</u>	<u>Dth</u>	<u>Dth</u>
7/2/2020	0	67	23
7/3/2020	0	69	24
7/4/2020	0	63	22
7/5/2020	0	68	23
7/6/2020	0	67	23
7/7/2020	0	67	23
7/8/2020	0	65	22
7/9/2020	0	64	22
7/10/2020	0	64	22
7/11/2020	0	62	21
7/12/2020	0	61	21
7/13/2020	0	63	22
7/14/2020	0	62	22
7/15/2020	0	65	23
7/16/2020	0	64	22
7/17/2020	0	62	22
7/18/2020	0	59	21
7/19/2020	0	59	21
7/20/2020	0	62	21
7/21/2020	0	65	22
7/22/2020	0	62	22
7/23/2020	0	61	21
7/24/2020	0	60	21
7/25/2020	0	59	20
7/26/2020	0	58	20
7/27/2020	0	60	21
7/28/2020	0	61	17
7/29/2020	0	64	18
7/30/2020	0	66	18
7/31/2020	0	63	18
8/1/2020	0	66	19
8/2/2020	0	62	17
8/3/2020	2	69	19
8/4/2020	0	72	20
8/5/2020	0	71	20
8/6/2020	0	69	19
8/7/2020	0	65	18
8/8/2020	0	67	19
8/9/2020	0	62	18
8/10/2020	0	62	17
8/11/2020	0	66	19
8/12/2020	0	66	18
8/13/2020	0	66	18
8/14/2020	0	64	18
8/15/2020	0	64	18
8/16/2020	0	64	18

<u>Gas Day</u>	<u>HDD</u>	<u>Dth</u>	<u>Dth</u>
8/17/2020	0	66	19
8/18/2020	0	69	20
8/19/2020	0	71	20
8/20/2020	0	70	20
8/21/2020	0	68	19
8/22/2020	0	66	18
8/23/2020	0	66	19
8/24/2020	0	65	18
8/25/2020	0	66	18
8/26/2020	0	66	18
8/27/2020	0	66	17
8/28/2020	0	64	17
8/29/2020	0	66	17
8/30/2020	0	63	17
8/31/2020	0	66	17
9/1/2020	0	68	18
9/2/2020	0	66	18
9/3/2020	0	72	19
9/4/2020	0	68	18
9/5/2020	0	64	17
9/6/2020	0	61	16
9/7/2020	0	66	18
9/8/2020	6	71	19
9/9/2020	5	76	20
9/10/2020	3	74	20
9/11/2020	0	68	18
9/12/2020	1	71	19
9/13/2020	0	72	19
9/14/2020	0	72	19
9/15/2020	0	74	20
9/16/2020	0	73	19
9/17/2020	4	76	20
9/18/2020	8	80	22
9/19/2020	8	85	23
9/20/2020	5	83	22
9/21/2020	0	78	21
9/22/2020	0	83	22
9/23/2020	0	85	19
9/24/2020	0	85	19
9/25/2020	0	81	18
9/26/2020	0	77	17
9/27/2020	6	88	19
9/28/2020	11	115	25
9/29/2020	8	130	28
9/30/2020	8	126	27
10/1/2020	16	185	40

<u>Gas Day</u>	<u>HDD</u>	<u>Dth</u>	<u>Dth</u>
10/2/2020	15	168	37
10/3/2020	16	182	40
10/4/2020	18	204	45
10/5/2020	9	171	38
10/6/2020	0	106	23
10/7/2020	0	93	20
10/8/2020	0	92	20
10/9/2020	0	90	20
10/10/2020	0	87	19
10/11/2020	0	84	18
10/12/2020	9	121	27
10/13/2020	3	120	26
10/14/2020	0	102	22
10/15/2020	21	256	56
10/16/2020	15	273	60
10/17/2020	5	155	34
10/18/2020	24	345	75
10/19/2020	24	381	83
10/20/2020	17	321	70
10/21/2020	15	261	57
10/22/2020	0	112	25
10/23/2020	25	401	88
10/24/2020	25	381	113
10/25/2020	26	430	128
10/26/2020	33	615	183
10/27/2020	27	527	156
10/28/2020	21	394	117
10/29/2020	28	512	152
10/30/2020	22	375	111
10/31/2020	13	297	88
11/1/2020	30	516	153
11/2/2020	19	370	110
11/3/2020	5	201	60
11/4/2020	1	143	43
11/5/2020	5	142	42
11/6/2020	4	145	43
11/7/2020	3	116	35
11/8/2020	0	104	31
11/9/2020	0	100	30
11/10/2020	19	310	92
11/11/2020	25	399	119
11/12/2020	23	413	122
11/13/2020	30	493	146
11/14/2020	16	375	111
11/15/2020	25	498	148
11/16/2020	21	413	122

<u>Gas Day</u>	<u>HDD</u>	<u>Dth</u>	<u>Dth</u>
11/17/2020	28	521	154
11/18/2020	12	379	112
11/19/2020	4	179	53
11/20/2020	16	266	79
11/21/2020	22	393	117
11/22/2020	27	484	143
11/23/2020	28	537	159
11/24/2020	18	420	124
11/25/2020	22	428	127
11/26/2020	24	440	98
11/27/2020	29	502	112
11/28/2020	23	454	102
11/29/2020	30	657	147
11/30/2020	41	836	187
12/1/2020	36	730	163
12/2/2020	30	586	131
12/3/2020	30	560	125
12/4/2020	27	548	122
12/5/2020	27	502	112
12/6/2020	28	561	126
12/7/2020	32	606	136
12/8/2020	27	571	128
12/9/2020	19	385	86
12/10/2020	14	326	73
12/11/2020	23	410	92
12/12/2020	32	595	133
12/13/2020	36	731	163
12/14/2020	41	843	188
12/15/2020	38	834	187
12/16/2020	41	852	190
12/17/2020	38	866	194
12/18/2020	25	635	142
12/19/2020	34	685	153
12/20/2020	26	610	137
12/21/2020	24	567	127
12/22/2020	17	508	114
12/23/2020	34	771	172
12/24/2020	53	1208	270
12/25/2020	44	1016	227
12/26/2020	28	654	146
12/27/2020	28	622	139
12/28/2020	41	845	189
12/29/2020	33	789	245
12/30/2020	38	813	253
12/31/2020	38	832	258
1/1/2021	37	766	238

<u>Gas Day</u>	<u>HDD</u>	<u>Dth</u>	<u>Dth</u>
1/2/2021	38	735	229
1/3/2021	38	766	238
1/4/2021	36	761	237
1/5/2021	32	629	195
1/6/2021	32	646	201
1/7/2021	34	767	238
1/8/2021	36	765	238
1/9/2021	40	831	258
1/10/2021	38	867	270
1/11/2021	33	820	255
1/12/2021	27	640	199
1/13/2021	24	584	181
1/14/2021	30	734	228
1/15/2021	33	754	235
1/16/2021	35	775	241
1/17/2021	35	770	240
1/18/2021	36	732	227
1/19/2021	36	826	257
1/20/2021	28	684	212
1/21/2021	30	619	192
1/22/2021	47	895	278
1/23/2021	32	748	233
1/24/2021	30	649	202
1/25/2021	34	789	245
1/26/2021	41	878	273
1/27/2021	51	991	308
1/28/2021	45	931	290
1/29/2021	33	785	169
1/30/2021	30	735	158
1/31/2021	34	903	194
2/1/2021	39	942	203
2/2/2021	41	813	175
2/3/2021	29	733	158
2/4/2021	39	1005	216
2/5/2021	46	1002	215
2/6/2021	60	1179	253
2/7/2021	63	1350	290
2/8/2021	58	1323	284
2/9/2021	57	1277	275
2/10/2021	55	1319	283
2/11/2021	57	1347	290
2/12/2021	64	1408	303
2/13/2021	67	1322	284
2/14/2021	68	1403	301
2/15/2021	68	1436	308
2/16/2021	62	1281	275

<u>Gas Day</u>	<u>HDD</u>	<u>Dth</u>	<u>Dth</u>
2/17/2021	56	1206	259
2/18/2021	55	1151	247
2/19/2021	45	996	214
2/20/2021	37	783	168
2/21/2021	30	808	174
2/22/2021	24	612	131
2/23/2021	18	407	87
2/24/2021	30	593	128
2/25/2021	30	634	136
2/26/2021	25	521	144
2/27/2021	16	353	98
2/28/2021	28	543	151
3/1/2021	32	584	162
3/2/2021	21	487	135
3/3/2021	18	342	95
3/4/2021	23	440	122
3/5/2021	23	491	136
3/6/2021	18	379	105
3/7/2021	12	310	86
3/8/2021	8	262	73
3/9/2021	1	162	45
3/10/2021	6	181	50
3/11/2021	20	314	87
3/12/2021	17	393	109
3/13/2021	15	320	89
3/14/2021	21	470	130
3/15/2021	27	497	138
3/16/2021	23	466	129
3/17/2021	26	587	163
3/18/2021	28	672	186
3/19/2021	25	513	142
3/20/2021	18	366	102
3/21/2021	8	280	77
3/22/2021	7	207	58
3/23/2021	12	294	82
3/24/2021	17	366	101
3/25/2021	20	442	122
3/26/2021	16	283	78
3/27/2021	14	242	67
3/28/2021	21	436	121
3/29/2021	5	248	69
3/30/2021	17	315	97
3/31/2021	31	524	162
4/1/2021	29	521	161
4/2/2021	17	392	121
4/3/2021	6	191	59

<u>Gas Day</u>	<u>HDD</u>	<u>Dth</u>	<u>Dth</u>
4/4/2021	0	119	37
4/5/2021	0	105	33
4/6/2021	0	105	33
4/7/2021	8	149	46
4/8/2021	15	328	102
4/9/2021	6	147	45
4/10/2021	18	344	107
4/11/2021	14	249	77
4/12/2021	14	221	69
4/13/2021	16	245	76
4/14/2021	20	312	97
4/15/2021	19	306	95
4/16/2021	15	250	78
4/17/2021	16	248	77
4/18/2021	15	256	79
4/19/2021	23	341	106
4/20/2021	30	594	184
4/21/2021	26	485	150
4/22/2021	16	313	97
4/23/2021	14	256	80
4/24/2021	14	252	78
4/25/2021	9	162	50
4/26/2021	0	103	32
4/27/2021	0	86	27
4/28/2021	0	93	29
4/29/2021	5	111	34
4/30/2021	1	97	33
5/1/2021	0	87	29
5/2/2021	0	89	30
5/3/2021	13	91	30
5/4/2021	13	191	64
5/5/2021	7	127	42
5/6/2021	13	199	67
5/7/2021	7	139	46
5/8/2021	15	236	79
5/9/2021	20	341	114
5/10/2021	11	214	71
5/11/2021	14	262	87
5/12/2021	12	224	75
5/13/2021	7	151	51
5/14/2021	3	115	39
5/15/2021	10	142	48
5/16/2021	3	106	36
5/17/2021	2	110	37
5/18/2021	0	113	38
5/19/2021	0	85	29

<u>Gas Day</u>	<u>HDD</u>	<u>Dth</u>	<u>Dth</u>
5/20/2021	0	79	27
5/21/2021	0	80	27
5/22/2021	0	76	26
5/23/2021	0	76	25
5/24/2021	0	72	24
5/25/2021	0	73	25
5/26/2021	1	74	25
5/27/2021	1	88	30
5/28/2021	17	201	75
5/29/2021	10	132	49
5/30/2021	2	80	30
5/31/2021	4	83	31
6/1/2021	0	76	29
6/2/2021	0	79	30
6/3/2021	0	73	27
6/4/2021	0	69	26
6/5/2021	0	67	25
6/6/2021	0	70	26
6/7/2021	0	68	26
6/8/2021	0	68	25
6/9/2021	0	65	24
6/10/2021	0	67	25
6/11/2021	0	63	23
6/12/2021	0	68	26
6/13/2021	0	63	24
6/14/2021	0	62	23
6/15/2021	0	64	24
6/16/2021	0	68	26
6/17/2021	0	62	23
6/18/2021	0	62	23
6/19/2021	0	60	23
6/20/2021	0	61	23
6/21/2021	3	71	27
6/22/2021	0	68	25
6/23/2021	0	63	24
6/24/2021	0	65	24
6/25/2021	0	65	25
6/26/2021	0	62	23
6/27/2021	0	63	24
6/28/2021	0	66	25
6/29/2021	0	68	26
6/30/2021	0	67	25
7/1/2021	0	67	23
7/2/2021	0	67	23
7/3/2021	0	65	23
7/4/2021	0	60	21

<u>Gas Day</u>	<u>HDD</u>	<u>Dth</u>	<u>Dth</u>
7/5/2021	0	61	22
7/6/2021	0	64	22
7/7/2021	0	61	21
7/8/2021	0	64	23
7/9/2021	0	62	22
7/10/2021	0	63	22
7/11/2021	0	62	22
7/12/2021	0	64	23
7/13/2021	0	66	23
7/14/2021	0	64	22
7/15/2021	0	67	23
7/16/2021	0	68	24
7/17/2021	0	60	21
7/18/2021	0	65	23
7/19/2021	0	63	22
7/20/2021	0	64	23
7/21/2021	0	68	24
7/22/2021	0	64	23
7/23/2021	0	64	22
7/24/2021	0	59	21
7/25/2021	0	59	21
7/26/2021	0	63	22
7/27/2021	0	60	21
7/28/2021	0	59	21
7/29/2021	0	61	22
7/30/2021	0	64	18
7/31/2021	1	65	18
8/1/2021	0	70	20
8/2/2021	0	65	18
8/3/2021	0	69	20
8/4/2021	0	64	18
8/5/2021	0	72	21
8/6/2021	0	64	18
8/7/2021	0	60	17
8/8/2021	0	62	17
8/9/2021	0	61	17
8/10/2021	0	63	18
8/11/2021	0	63	18
8/12/2021	0	62	18
8/13/2021	0	62	18
8/14/2021	0	59	17
8/15/2021	0	63	18
8/16/2021	0	65	18
8/17/2021	0	66	19
8/18/2021	0	65	19
8/19/2021	0	63	18

<u>Gas Day</u>	<u>HDD</u>	<u>Dth</u>	<u>Dth</u>
8/20/2021	0	65	19
8/21/2021	0	60	17
8/22/2021	0	62	17
8/23/2021	0	62	17
8/24/2021	0	62	18
8/25/2021	0	63	18
8/26/2021	0	65	18
8/27/2021	0	66	19
8/28/2021	0	61	17
8/29/2021	0	63	18
8/30/2021	0	65	18
8/31/2021	0	61	24
9/1/2021	0	67	25
9/2/2021	0	67	25
9/3/2021	0	66	25
9/4/2021	0	66	25
9/5/2021	0	60	23
9/6/2021	0	61	24
9/7/2021	0	69	26
9/8/2021	0	69	27
9/9/2021	0	72	27
9/10/2021	0	62	24
9/11/2021	0	58	22
9/12/2021	0	64	24
9/13/2021	0	61	24
9/14/2021	0	67	25
9/15/2021	0	64	25
9/16/2021	0	64	25
9/17/2021	0	59	22
9/18/2021	0	56	22
9/19/2021	0	58	22
9/20/2021	0	61	24
9/21/2021	5	76	29
9/22/2021	7	81	31
9/23/2021	5	76	29
9/24/2021	1	67	26
9/25/2021	5	66	25
9/26/2021	0	62	24
9/27/2021	0	61	23
9/28/2021	0	63	24
9/29/2021	0	71	16
9/30/2021	0	79	18
10/1/2021	0	75	17
10/2/2021	0	73	16
10/3/2021	2	78	17
10/4/2021	1	77	17

<u>Gas Day</u>	<u>HDD</u>	<u>Dth</u>	<u>Dth</u>
10/5/2021	0	78	18
10/6/2021	0	87	19
10/7/2021	1	87	20
10/8/2021	0	79	18
10/9/2021	0	74	16
10/10/2021	0	69	15
10/11/2021	5	85	19
10/12/2021	0	84	19
10/13/2021	0	82	18
10/14/2021	5	88	20
10/15/2021	15	139	31
10/16/2021	15	159	36
10/17/2021	8	141	31
10/18/2021	5	122	27
10/19/2021	4	125	28
10/20/2021	5	119	27
10/21/2021	16	217	49
10/22/2021	16	217	48
10/23/2021	11	154	34
10/24/2021	9	180	40
10/25/2021	21	335	75
10/26/2021	14	242	54
10/27/2021	11	213	48
10/28/2021	15	325	73
10/29/2021	16	335	84
10/30/2021	17	251	63
10/31/2021	21	347	87
11/1/2021	28	510	129
11/2/2021	28	505	128
11/3/2021	26	454	115
11/4/2021	23	437	110
11/5/2021	22	416	105
11/6/2021	15	304	77
11/7/2021	8	243	61
11/8/2021	8	176	44
11/9/2021	12	216	54
11/10/2021	7	192	48
11/11/2021	19	401	101
11/12/2021	29	612	155
11/13/2021	27	519	131
11/14/2021	31	555	140
11/15/2021	22	378	95
11/16/2021	5	182	46
11/17/2021	23	457	116
11/18/2021	33	616	155
11/19/2021	25	516	130

<u>Gas Day</u>	<u>HDD</u>	<u>Dth</u>	<u>Dth</u>
11/20/2021	18	314	79
11/21/2021	26	453	114
11/22/2021	34	659	166
11/23/2021	19	501	127
11/24/2021	18	370	93
11/25/2021	42	728	213
11/26/2021	30	590	173
11/27/2021	23	432	126
11/28/2021	29	538	158
11/29/2021	20	405	118
11/30/2021	20	378	110
12/1/2021	14	305	89
12/2/2021	15	251	74
12/3/2021	20	279	81
12/4/2021	25	434	127
12/5/2021	20	395	115
12/6/2021	40	720	211
12/7/2021	37	784	229
12/8/2021	28	539	158
12/9/2021	19	350	102
12/10/2021	18	367	108
12/11/2021	30	566	166
12/12/2021	23	520	152
12/13/2021	21	421	123
12/14/2021	6	181	53
12/15/2021	5	181	53
12/16/2021	30	463	136
12/17/2021	31	589	172
12/18/2021	38	684	200
12/19/2021	35	698	204
12/20/2021	34	559	164
12/21/2021	34	621	182
12/22/2021	29	603	177
12/23/2021	15	398	82
12/24/2021	8	197	40
12/25/2021	27	440	90
12/26/2021	16	432	89
12/27/2021	25	489	101
12/28/2021	28	588	121
12/29/2021	35	726	149
12/30/2021	31	624	128
	25	491	101
	48	959	197
	58	1219	250
	41	1006	207
	35	873	179

<u>Gas Day</u>	<u>HDD</u>	<u>Dth</u>	<u>Dth</u>
	52	1218	250
	61	1410	290
	50	1222	251
	34	827	170
	48	1082	222
	46	1014	208
	25	699	144
	25	577	118
	28	599	123
	32	715	147
	49	977	201
	40	888	183
	39	825	169
	30	682	140
	57	1317	271
	63	1355	278
	49	1148	236
	33	825	169
	41	879	181
	46	988	203
	59	1285	264
	44	1072	213
	37	915	182
	50	1119	222
	36	818	163
	41	889	176
	24	672	133
	37	833	165
	52	1276	253
	56	1345	267
	54	1178	234
	41	1020	203
	39	853	169
	37	821	163
	25	612	122
	29	677	135
	28	649	129
	38	838	167
	47	1045	207
	47	1035	206
	34	761	151
	16	516	103
	22	484	96
	53	1176	234
	40	956	190
	40	897	178

<u>Gas Day</u>	<u>HDD</u>	<u>Dth</u>	<u>Dth</u>
	19	541	107
	10	291	58
	45	1007	200
	46	1171	232
	42	1065	212
	46	995	278
	37	743	208
	28	613	171
	20	471	131
	15	335	94
	15	272	76
	29	565	158
	15	360	100
	10	270	75
	28	530	148
	38	804	224
	32	621	174
	34	641	179
	44	861	241
	47	968	271
	40	841	235
	18	443	124
	11	302	84
	11	218	61
	5	183	51
	5	139	39
	22	388	108
	21	413	115
	5	203	57
	5	193	54
	12	252	71
	25	532	149
	25	549	153
	22	482	135
	30	560	156
	30	518	145
	25	535	150
	14	259	77
	24	474	142
	31	673	201

Calendar Date	KUIN	KBRL	KIRK	KMCI	KMWA	KPAH	KPOF	KSPI	KSTL	KUIN	KCSG	KGVL
January1	37.30	41	38	36	33	30	31	38	33	37	17	22
January2	37.40	41	38	36	33	30	31	38	33	37	17	22
January3	37.60	41	38	36	33	30	31	38	33	38	17	23
January4	37.80	41	39	36	33	31	31	38	33	38	17	23
January5	37.90	41	39	36	33	31	31	38	33	38	17	23
January6	38.10	41	39	36	33	31	31	38	33	38	17	23
January7	38.20	42	39	36	33	31	31	38	33	38	17	23
January8	38.30	42	39	36	33	31	31	38	34	38	17	23
January9	38.40	42	39	36	33	31	31	38	34	38	17	23
January10	38.50	42	39	36	33	31	31	38	34	39	17	23
January11	38.60	42	39	36	33	31	31	38	34	39	17	23
January12	38.70	42	39	36	33	31	31	39	34	39	17	23
January13	38.70	42	40	36	33	31	31	39	34	39	17	23
January14	38.80	42	40	36	33	31	31	39	34	39	17	23
January15	38.80	42	40	36	33	31	31	39	34	39	17	23
January16	38.90	42	40	36	33	31	31	39	33	39	17	23
January17	38.90	42	40	36	33	31	31	39	33	39	17	23
January18	38.90	42	40	36	33	31	31	39	33	39	17	23
January19	38.90	42	40	36	33	31	31	38	33	39	17	23
January20	38.90	42	40	36	33	31	31	38	33	39	17	23
January21	38.80	42	40	36	33	30	31	38	33	39	17	23
January22	38.80	42	40	36	32	30	31	38	33	39	17	23
January23	38.70	42	40	36	32	30	31	38	33	39	17	23
January24	38.70	42	40	36	32	30	30	38	33	39	16	23
January25	38.60	41	39	36	32	30	30	38	33	39	16	22
January26	38.50	41	39	36	32	30	30	38	33	39	16	22
January27	38.40	41	39	36	32	30	30	38	33	38	16	22
January28	38.20	41	39	36	32	30	30	38	33	38	16	22
January29	38.10	41	39	36	32	30	30	38	32	38	16	22
January30	37.90	41	39	35	31	30	30	38	32	38	16	22
January31	37.80	41	39	35	31	29	30	37	32	38	16	22
February1	37.60	41	39	35	31	29	29	37	32	38	15	22
February2	37.40	40	38	35	31	29	29	37	32	37	15	22
February3	37.20	40	38	35	31	29	29	37	32	37	15	22
February4	37.00	40	38	35	31	29	29	37	31	37	15	21
February5	36.80	40	38	34	30	28	29	37	31	37	15	21
February6	36.50	40	38	34	30	28	28	36	31	37	15	21
February7	36.30	39	37	34	30	28	28	36	31	36	14	21
February8	36.00	39	37	34	30	28	28	36	31	36	14	21
February9	35.70	39	37	33	30	27	28	36	30	36	14	21
February10	35.40	39	37	33	29	27	27	35	30	35	14	20
February11	35.10	38	36	33	29	27	27	35	30	35	14	20
February12	34.80	38	36	33	29	27	27	35	30	35	14	20
February13	34.50	38	36	32	29	26	27	35	29	35	13	20
February14	34.20	37	35	32	28	26	26	34	29	34	13	20
February15	33.90	37	35	32	28	26	26	34	29	34	13	19
February16	33.50	37	35	31	28	26	26	34	29	34	13	19
February17	33.20	36	34	31	28	25	25	33	28	33	12	19
February18	32.80	36	34	31	27	25	25	33	28	33	12	19
February19	32.50	36	34	30	27	25	25	33	28	33	12	19

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	KUIN	KBRL	KIRK	KMCI	KMWA	KPAH	KPOF	KSPI	KSTL	KUIN	KCSG	KGVL
February20	32.10	35	33	30	27	24	25	32	27	32	12	18
February21	31.80	35	33	29	27	24	24	32	27	32	12	18
February22	31.40	34	33	29	26	24	24	31	27	31	11	18
February23	31.00	34	32	29	26	23	24	31	26	31	11	18
February24	30.70	34	32	28	26	23	23	31	26	31	11	17
February25	30.30	33	32	28	25	23	23	30	26	30	11	17
February26	29.90	33	31	28	25	22	23	30	25	30	11	17
February27	29.50	32	31	27	25	22	22	30	25	30	10	17
February28	29.10	32	30	27	24	22	22	29	25	29	10	16
February29	28.90	32	30	27	24	22	22	29	24	29	10	16
March1	28.70	31	30	26	24	21	22	29	24	29	10	16
March2	28.40	31	30	26	24	21	21	28	24	28	10	16
March3	28.00	31	29	26	23	21	21	28	24	28	10	16
March4	27.60	30	29	25	23	21	21	28	23	28	9	15
March5	27.20	30	28	25	23	20	20	27	23	27	9	15
March6	26.80	29	28	25	22	20	20	27	23	27	9	15
March7	26.40	29	28	24	22	20	20	26	22	26	9	15
March8	26.00	28	27	24	22	19	19	26	22	26	9	14
March9	25.70	28	27	23	21	19	19	26	21	26	8	14
March10	25.30	28	26	23	21	19	19	25	21	25	8	14
March11	24.90	27	26	23	21	18	18	25	21	25	8	14
March12	24.50	27	25	22	20	18	18	24	20	25	8	13
March13	24.10	26	25	22	20	18	18	24	20	24	8	13
March14	23.70	26	25	21	20	17	17	24	20	24	7	13
March15	23.40	26	24	21	19	17	17	23	19	23	7	13
March16	23.00	25	24	21	19	17	17	23	19	23	7	12
March17	22.60	25	23	20	19	17	16	22	19	23	7	12
March18	22.20	24	23	20	18	16	16	22	18	22	7	12
March19	21.90	24	23	20	18	16	16	22	18	22	7	12
March20	21.50	23	22	19	17	16	15	21	17	22	6	11
March21	21.10	23	22	19	17	15	15	21	17	21	6	11
March22	20.70	23	21	19	17	15	15	21	17	21	6	11
March23	20.40	22	21	18	16	15	15	20	16	20	6	11
March24	20.00	22	21	18	16	14	14	20	16	20	6	10
March25	19.60	22	20	18	16	14	14	19	16	20	6	10
March26	19.30	21	20	17	15	14	14	19	15	19	5	10
March27	18.90	21	20	17	15	14	13	19	15	19	5	10
March28	18.60	20	19	17	15	13	13	18	15	19	5	9
March29	18.20	20	19	16	14	13	13	18	14	18	5	9
March30	17.80	20	18	16	14	13	12	18	14	18	5	9
March31	17.50	19	18	16	14	12	12	17	14	18	5	9
April1	17.10	19	18	15	13	12	12	17	14	17	4	8
April2	16.80	18	17	15	13	12	11	17	13	17	4	8
April3	16.40	18	17	15	13	12	11	16	13	16	4	8
April4	16.10	18	17	14	13	11	11	16	13	16	4	8
April5	15.70	17	16	14	12	11	10	16	12	16	4	8
April6	15.40	17	16	14	12	11	10	15	12	15	4	7
April7	15.10	16	16	14	12	10	10	15	11	15	4	7
April8	14.70	16	15	13	11	10	10	15	11	15	3	7
April9	14.40	16	15	13	11	10	9	14	11	14	3	7
April10	14.10	15	15	13	11	10	9	14	11	14	3	7

Calendar Date	KUIN	KBRL	KIRK	KMCI	KMWA	KPAH	KPOF	KSPI	KSTL	KUIN	KCSG	KGVL
April11	13.70	15	15	12	10	9	9	14	10	14	3	6
April12	13.40	15	14	12	10	9	9	13	10	13	3	6
April13	13.00	14	14	12	10	9	8	13	10	13	3	6
April14	12.70	14	14	11	10	9	8	13	9	13	3	6
April15	12.30	13	13	11	9	8	8	12	9	12	2	5
April16	12.00	13	13	11	9	8	7	12	9	12	2	5
April17	11.60	13	13	11	9	8	7	12	8	12	2	5
April18	11.30	12	12	10	8	7	7	11	8	11	2	5
April19	11.00	12	12	10	8	7	7	11	8	11	2	5
April20	10.60	12	12	10	8	7	6	11	8	11	2	4
April21	10.30	11	11	9	8	7	6	10	7	10	2	4
April22	10.00	11	11	9	7	6	6	10	7	10	1	4
April23	9.60	11	11	9	7	6	6	10	7	10	1	4
April24	9.30	10	11	8	7	6	5	9	6	9	1	4
April25	9.00	10	10	8	6	5	5	9	6	9	1	4
April26	8.70	10	10	8	6	5	5	9	6	9	1	3
April27	8.50	9	10	7	6	5	5	8	6	9	1	3
April28	8.20	9	9	7	6	5	4	8	5	8	1	3
April29	7.90	9	9	7	5	5	4	8	5	8	1	3
April30	7.60	8	9	7	5	4	4	7	5	8	1	3
May1	7.30	8	9	6	5	4	4	7	5	7	1	3
May2	7.00	8	8	6	5	4	3	7	4	7	1	3
May3	6.80	7	8	6	4	4	3	7	4	7	1	2
May4	6.60	7	8	5	4	3	3	6	4	7	1	2
May5	6.30	7	8	5	4	3	3	6	4	6	1	2
May6	6.10	7	7	5	4	3	3	6	4	6	0	2
May7	5.90	6	7	5	4	3	3	6	3	6	0	2
May8	5.70	6	7	5	3	3	2	5	3	6	0	2
May9	5.50	6	7	4	3	3	2	5	3	6	0	2
May10	5.30	6	7	4	3	3	2	5	3	5	0	2
May11	5.10	5	6	4	3	3	2	5	3	5	0	2
May12	4.90	5	6	4	3	2	2	5	3	5	0	2
May13	4.70	5	6	4	3	2	2	4	3	5	0	1
May14	4.50	5	6	4	3	2	2	4	3	5	0	1
May15	4.30	5	5	3	3	2	2	4	3	4	0	1
May16	4.10	4	5	3	3	2	2	4	2	4	0	1
May17	3.90	4	5	3	2	2	2	4	2	4	0	1
May18	3.70	4	5	3	2	2	2	4	2	4	0	1
May19	3.60	4	4	3	2	2	1	3	2	4	0	1
May20	3.40	4	4	3	2	2	1	3	2	3	0	1
May21	3.20	3	4	2	2	1	1	3	2	3	0	1
May22	3.00	3	4	2	2	1	1	3	2	3	0	1
May23	2.80	3	3	2	2	1	1	3	1	3	0	1
May24	2.60	3	3	2	2	1	1	3	1	3	0	1
May25	2.40	3	3	2	1	1	1	2	1	2	0	1
May26	2.30	3	3	2	1	1	1	2	1	2	0	1
May27	2.10	2	2	2	1	1	1	2	1	2	0	0
May28	2.00	2	2	2	1	1	1	2	1	2	0	0
May29	1.80	2	2	1	1	1	1	2	1	2	0	0
May30	1.70	2	2	1	1	1	1	2	1	2	0	0
May31	1.60	2	2	1	1	1	0	2	1	2	0	0

Calendar Date	KUIN	KBRL	KIRK	KMCI	KMWA	KPAH	KPOF	KSPI	KSTL	KUIN	KCSG	KGVL
July22	-	0	0	0	0	0	0	0	0	0	0	0
July23	-	0	0	0	0	0	0	0	0	0	0	0
July24	-	0	0	0	0	0	0	0	0	0	0	0
July25	-	0	0	0	0	0	0	0	0	0	0	0
July26	-	0	0	0	0	0	0	0	0	0	0	0
July27	-	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	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	0.10	0	0	0	0	0	0	0	0	0	0	0
August19	0.10	0	0	0	0	0	0	0	0	0	0	0
August20	0.10	0	0	0	0	0	0	0	0	0	0	0
August21	0.10	0	0	0	0	0	0	0	0	0	0	0
August22	0.10	0	0	0	0	0	0	0	0	0	0	0
August23	0.10	0	0	0	0	0	0	0	0	0	0	0
August24	0.10	0	0	0	0	0	0	0	0	0	0	0
August25	0.20	0	0	0	0	0	0	0	0	0	0	0
August26	0.20	0	0	0	0	0	0	0	0	0	0	0
August27	0.20	0	0	0	0	0	0	0	0	0	0	0
August28	0.30	0	0	0	0	0	0	0	0	0	0	0
August29	0.30	0	1	0	0	0	0	0	0	0	0	0
August30	0.40	1	1	0	0	0	0	0	0	0	0	0
August31	0.40	1	1	0	0	0	0	0	0	0	0	0
September1	0.50	1	1	0	0	0	0	0	0	1	0	0
September2	0.50	1	1	0	0	0	0	0	0	1	0	0
September3	0.60	1	1	0	0	0	0	0	0	1	0	0
September4	0.60	1	1	0	0	0	0	1	0	1	0	0
September5	0.70	1	1	0	0	0	0	1	0	1	0	0
September6	0.80	1	1	1	0	0	0	1	0	1	0	0
September7	0.90	1	1	1	0	0	0	1	0	1	0	0
September8	1.00	1	2	1	0	0	0	1	0	1	0	0
September9	1.20	1	2	1	0	0	0	1	0	1	0	0
September10	1.30	1	2	1	1	0	0	1	0	1	0	0

Calendar Date	KUIN	KBRL	KIRK	KMCI	KMWA	KPAH	KPOF	KSPI	KSTL	KUIN	KCSG	KGVL
September11	1.40	2	2	1	1	0	0	1	0	1	0	0
September12	1.60	2	2	1	1	0	0	1	1	2	0	0
September13	1.70	2	2	1	1	1	0	2	1	2	0	0
September14	1.90	2	3	2	1	1	0	2	1	2	0	0
September15	2.10	2	3	2	1	1	1	2	1	2	0	0
September16	2.30	3	3	2	1	1	1	2	1	2	0	0
September17	2.50	3	3	2	2	1	1	3	1	3	0	0
September18	2.70	3	3	2	2	1	1	3	1	3	0	0
September19	2.80	3	3	3	2	1	1	3	2	3	0	0
September20	3.00	4	4	3	2	2	1	3	2	3	0	0
September21	3.20	4	4	3	2	2	1	3	2	3	0	0
September22	3.40	4	4	3	3	2	2	4	2	3	0	1
September23	3.60	4	4	3	3	2	2	4	2	4	0	1
September24	3.80	5	5	4	3	2	2	4	2	4	0	1
September25	4.10	5	5	4	3	3	2	5	3	4	0	1
September26	4.40	5	5	4	3	3	2	5	3	4	0	1
September27	4.70	6	6	4	4	3	3	5	3	5	0	1
September28	4.90	6	6	5	4	3	3	6	3	5	0	1
September29	5.20	6	6	5	4	4	3	6	4	5	0	1
September30	5.50	7	6	5	4	4	3	6	4	6	0	1
October1	5.70	7	7	5	5	4	4	6	4	6	0	1
October2	6.00	7	7	6	5	4	4	7	4	6	0	2
October3	6.30	8	7	6	5	4	4	7	4	6	0	2
October4	6.60	8	8	6	5	5	4	7	5	7	0	2
October5	6.90	8	8	6	5	5	4	8	5	7	1	2
October6	7.20	9	8	7	6	5	5	8	5	7	1	2
October7	7.60	9	9	7	6	5	5	8	5	8	1	2
October8	7.90	9	9	7	6	6	5	8	6	8	1	2
October9	8.20	10	9	7	6	6	5	9	6	8	1	3
October10	8.50	10	10	8	7	6	5	9	6	9	1	3
October11	8.80	10	10	8	7	6	6	9	6	9	1	3
October12	9.10	10	10	8	7	6	6	9	6	9	1	3
October13	9.40	11	10	8	7	7	6	10	7	9	1	4
October14	9.70	11	11	9	8	7	6	10	7	10	1	4
October15	10.10	11	11	9	8	7	7	10	7	10	1	4
October16	10.40	12	12	9	8	7	7	11	7	10	1	4
October17	10.80	12	12	10	8	7	7	11	8	11	2	5
October18	11.20	12	12	10	9	8	7	11	8	11	2	5
October19	11.60	13	13	10	9	8	8	11	8	12	2	5
October20	12.00	13	13	10	9	8	8	12	8	12	2	5
October21	12.40	13	13	11	9	8	8	12	9	12	2	6
October22	12.70	14	14	11	10	9	8	12	9	13	3	6
October23	13.10	14	14	11	10	9	9	12	9	13	3	6
October24	13.50	14	15	12	10	9	9	13	10	14	3	7
October25	13.90	15	15	12	11	9	9	13	10	14	3	7
October26	14.30	15	15	12	11	10	9	13	10	14	4	7
October27	14.70	16	16	13	11	10	10	14	10	15	4	8
October28	15.10	16	16	13	12	10	10	14	11	15	4	8
October29	15.50	16	17	13	12	11	10	14	11	16	4	8
October30	15.90	17	17	14	12	11	11	15	11	16	5	9
October31	16.30	17	18	14	13	11	11	15	12	16	5	9

Calendar Date	KUIN	KBRL	KIRK	KMCI	KMWA	KPAH	KPOF	KSPI	KSTL	KUIN	KCSG	KGVL
November1	16.70	18	18	14	13	12	11	15	12	17	5	9
November2	17.10	18	18	15	13	12	12	16	12	17	5	10
November3	17.60	19	19	15	13	12	12	16	13	18	6	10
November4	18.00	19	19	16	14	12	12	17	13	18	6	10
November5	18.40	19	20	16	14	13	13	17	14	18	6	10
November6	18.80	20	20	17	14	13	13	17	14	19	6	11
November7	19.20	20	21	17	15	14	13	18	14	19	7	11
November8	19.60	21	21	18	15	14	14	18	15	20	7	11
November9	20.10	21	21	18	16	14	14	19	15	20	7	12
November10	20.50	22	22	19	16	15	14	19	16	21	7	12
November11	20.90	23	22	19	16	15	15	20	16	21	8	12
November12	21.30	23	23	19	17	15	15	20	17	21	8	12
November13	21.70	24	23	20	17	16	16	21	17	22	8	13
November14	22.20	24	23	21	17	16	16	21	17	22	8	13
November15	22.60	25	24	21	18	17	16	21	18	23	8	13
November16	23.00	25	24	22	18	17	17	22	18	23	9	14
November17	23.40	26	25	22	19	17	17	22	19	23	9	14
November18	23.80	26	25	23	19	18	18	23	19	24	9	14
November19	24.20	27	26	23	19	18	18	24	20	24	9	14
November20	24.60	27	26	24	20	19	19	24	20	25	10	15
November21	25.10	28	26	24	20	19	19	25	21	25	10	15
November22	25.50	29	27	25	21	20	20	25	21	26	10	15
November23	25.90	29	27	25	21	20	20	26	22	26	10	15
November24	26.20	30	28	26	22	20	20	26	22	26	11	16
November25	26.60	30	28	26	22	21	21	27	23	27	11	16
November26	27.00	31	28	27	22	21	21	27	23	27	11	16
November27	27.40	31	29	27	23	22	22	28	24	27	11	16
November28	27.80	32	29	28	23	22	22	28	24	28	11	17
November29	28.10	32	29	28	24	23	23	29	25	28	12	17
November30	28.50	33	30	29	24	23	23	29	25	29	12	17
December1	28.90	33	30	29	25	23	23	30	26	29	12	17
December2	29.20	34	30	30	25	24	24	30	26	29	12	18
December3	29.60	34	31	30	25	24	24	30	26	30	12	18
December4	29.90	35	31	30	26	24	25	31	27	30	13	18
December5	30.30	35	31	31	26	25	25	31	27	30	13	18
December6	30.60	35	32	31	27	25	25	32	28	31	13	18
December7	30.90	36	32	31	27	26	26	32	28	31	13	19
December8	31.20	36	32	32	27	26	26	33	28	31	13	19
December9	31.60	37	33	32	28	26	26	33	29	32	14	19
December10	31.90	37	33	32	28	26	27	33	29	32	14	19
December11	32.20	37	33	33	28	27	27	34	29	32	14	19
December12	32.50	38	34	33	29	27	27	34	30	33	14	20
December13	32.80	38	34	33	29	27	28	34	30	33	14	20
December14	33.10	38	34	34	29	28	28	35	30	33	14	20
December15	33.30	38	34	34	29	28	28	35	31	33	15	20
December16	33.60	39	35	34	30	28	28	35	31	34	15	20
December17	33.90	39	35	34	30	28	29	35	31	34	15	21
December18	34.20	39	35	35	30	28	29	36	31	34	15	21
December19	34.40	39	35	35	30	29	29	36	31	34	15	21
December20	34.70	40	36	35	31	29	29	36	32	35	15	21
December21	34.90	40	36	35	31	29	30	36	32	35	15	21

Calendar Date	KUIN	KBRL	KIRK	KMCI	KMWA	KPAH	KPOF	KSPI	KSTL	KUIN	KCSG	KGVL
December22	35.20	40	36	35	31	29	30	37	32	35	16	21
December23	35.40	40	36	35	31	29	30	37	32	35	16	21
December24	35.60	40	37	35	32	29	30	37	32	36	16	22
December25	35.90	40	37	36	32	30	30	37	33	36	16	22
December26	36.10	41	37	36	32	30	30	37	33	36	16	22
December27	36.30	41	37	36	32	30	30	37	33	36	16	22
December28	36.50	41	37	36	32	30	31	37	33	37	16	22
December29	36.70	41	38	36	32	30	31	38	33	37	16	22
December30	36.90	41	38	36	32	30	31	38	33	37	17	22
December31	37.10	41	38	36	32	30	31	38	33	37	17	22

Calendar Date

KUIN

KBRL

KIRK

KMCI

KMWA

KPAH

KPOF

KSPI

KSTL

KUIN

KCSG

KGVL