

Liberty Utilities (Midstates Natural Gas) Corp

2022-2023 Design Day and RFP Plan Summary
File Last Updated: November 18, 2022

Design Day Summary and Deliverable Capacity

Load Study:	SEMO
Weather Station Location:	Paducah, KY
Weather Station Code:	KPAH
Data Sample:	1/1/2020 3/31/2022
HDD Selection Method:	Coldest Day Since 1970

Forecasted Design Day DTH	
Forecasted DTH:	30,561
S.E. of Regression:	580
S.E. 95% Adjustment	1,137
3rd Party Obligations DTH:	0
Total Forecasted DTH:	32,279

Design Day Weather	Date	HDD
Coldest HDD on Record:	1/20/1985	72
HDD of Prior Day:	1/19/1985	48.5

Reserve Margin Summary	
Final Deliverable Capacity DTH:	31,463
Reserve Capacity DTH:	(816)
Reserve Capacity %:	-2.53%

Summary of Final Delivery Capacity

Pipeline	Contract # & Description	MDQ DTH	Notes
Tetco	CDS 910962	9,826	
Tetco	SS1 400246	9,637	MDWQ is at the W2 ratchet.
Ozark	FT 820169	6,000	
Tetco	TwinEagle AMA TC, May 4, 2021	6,000	AMA ends on March 31, 2022.
Total Capacity		31,463	

Summary of Upstream Storage and Storage Capacity

Pipeline	Contract # & Description	MDQ DTH	Notes
Total Upstream and Storage Capacity		-	

Planned Volumes

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	899	417,757	989	459,184	809	376,330	1,078	500,612	719	334,903
February	2023	698	320,187	767	352,486	628	287,888	837	384,785	558	255,589
March	2023	503	215,921	554	236,861	453	196,762	604	259,045	403	179,920
April	2023	221	94,969	243	100,258	199	89,680	265	105,548	177	84,391
May	2023	55	58,449	60	59,773	49	57,126	66	61,097	44	55,802
June	2023	2	41,014	2	41,058	2	40,970	2	41,102	1	40,927
July	2023	0	40,965	0	40,965	0	40,965	0	40,965	0	40,965
August	2023	0	47,501	0	47,501	0	47,501	0	47,501	0	47,501
September	2023	28	74,497	30	75,129	25	73,864	33	75,762	22	73,232
October	2023	213	113,587	235	118,564	192	108,610	256	123,541	171	103,633
November	2022	515	221,925	566	243,374	463	201,882	618	265,894	412	183,830
December	2022	791	347,849	870	384,188	712	311,510	949	420,527	633	275,171
Firm Winter DTH		3,405	1,523,639	3,746	1,676,093	3,065	1,374,373	4,086	1,830,862	2,724	1,229,414
Firm Annual DTH		3,924	1,994,622	4,316	2,159,342	3,531	1,833,090	4,709	2,326,378	3,139	1,675,866

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	899	9,058	989	9,941	809	8,176	1,078	10,823	719	7,294
February	2023	698	7,794	767	8,484	628	7,104	837	9,175	558	6,414
March	2023	503	7,147	554	7,648	453	6,646	604	8,149	403	6,145
April	2023	221	4,451	243	4,661	199	4,242	265	4,870	177	4,033
May	2023	55	3,721	60	3,774	49	3,669	66	3,826	44	3,616
June	2023	2	3,278	2	3,279	2	3,276	2	3,281	1	3,274
July	2023	0	3,086	0	3,086	0	3,086	0	3,086	0	3,086
August	2023	0	3,061	0	3,061	0	3,061	0	3,061	0	3,061
September	2023	28	3,301	30	3,325	25	3,277	33	3,349	22	3,253
October	2023	213	4,542	235	4,732	192	4,351	256	4,923	171	4,161
November	2022	515	7,010	566	7,507	463	6,514	618	8,004	412	6,017
December	2022	791	9,202	870	9,974	712	8,430	949	10,746	633	7,658
INT Winter DTH		3,405	40,212	3,746	43,554	3,065	36,870	4,086	46,896	2,724	33,529
INT Annual DTH		3,924	65,651	4,316	69,471	3,531	61,832	4,709	73,291	3,139	58,012
Total Winter DTH		3,405	1,563,851	3,746	1,719,647	3,065	1,411,243	4,086	1,877,758	2,724	1,262,942
Total Annual DTH		3,924	2,060,274	4,316	2,228,813	3,531	1,894,922	4,709	2,399,669	3,139	1,733,877

The SS1 storage has ratchets; planned storage balance is to be at 30,159 April 1st per Tetco storage withdrawal requirements.

From	To	MDWQ
211434	753969	11303
142016	211433	9637
70319	142015	7970
0.1	70318	1162

W/ Firm DTH(-1) Model				
Dependent Variable: SEMO_FIRM				
Method: Least Squares				
Date: 11/23/22 Time: 12:57				
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.
SEMO_EDD	187.798933	8.7835406	21.3807783	0.00
SEMO_EDD50	148.7788007	11.720006	12.6944307	0.00
SEMO_EDD(-1)	-29.27011533	12.513048	-2.3391676	0.02
SEMO_FIRM(-1)	0.333423879	0.0376708	8.85098872	0.00
MONTH12	818.1860785	146.64164	5.57949342	0.00
MONTH02	1076.947916	163.70851	6.57844814	0.00
MONTH01	1227.637424	194.41353	6.31456791	0.00
MONTH03	661.4574085	129.56784	5.10510504	0.00
MONTH11	769.9368016	131.63496	5.84902969	0.00
WEEKDAY01	947.3807058	73.880335	12.8231782	0.00
WEEKDAY02	1279.394289	66.255756	19.3099342	0.00
WEEKDAY03	1219.627692	79.093576	15.42006	0.00
WEEKDAY04	1261.472994	91.495806	13.7872221	0.00
WEEKDAY05	1160.427231	87.261791	13.2982284	0.00
WEEKDAY06	1017.004871	77.827905	13.0673551	0.00
WEEKDAY07	712.1984259	78.4102	9.08298183	0.00
R-squared	0.988005276	Mean dependent var	6150.395	
Adjusted R-squared	0.987781772	S.D. dependent var	5249.142	
S.E. of regression	580.2196556	Akaike info criterion	15.58399	
Sum squared resid	2.71E+08	Schwarz criterion	15.67579	
Log likelihood	-6381.226495	Hannan-Quinn criter.	15.61921	
Durbin-Watson stat	1.751250409			

W/O Firm DTH(-1) Model				
Dependent Variable: SEMO_FIRM				
Method: Least Squares				
Date: 11/23/22 Time: 13:01				
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.
SEMO_EDD	162.2157748	10.2880223	15.76744	0.00
SEMO_EDD50	189.5107766	14.4606782	13.105248	0.00
SEMO_EDD(-1)	82.54388981	4.60161011	17.938045	0.00
MONTH12	1374.050672	156.827782	8.7615259	0.00
MONTH02	1964.75768	172.40312	11.3963	0.00
MONTH01	2109.27	208.948041	10.094708	0.00
MONTH03	1023.646297	168.348261	6.0805279	0.00
MONTH11	1160.016837	170.95754	6.785409	0.00
WEEKDAY01	1356.721527	71.25033	19.041617	0.00
WEEKDAY02	1734.14	68.1592695	25.442529	0.00
WEEKDAY03	1795.840917	71.3813731	25.158397	0.00
WEEKDAY04	1852.74	75.0684736	24.680684	0.00
WEEKDAY05	1749.86517	74.4066326	23.517597	0.00
WEEKDAY06	1561.852226	76.9689946	20.291966	0.00
WEEKDAY07	1240.672244	81.3607963	15.249018	0.00
R-squared	0.984950441	Mean dependent var	6150.395	
Adjusted R-squared	0.984689034	S.D. dependent var	5249.142	
S.E. of regression	649.5156553	Akaike info criterion	15.80843	
Sum squared resid	3.40E+08	Schwarz criterion	15.8945	
Log likelihood	-6474.361493	Hannan-Quinn criter.	15.84145	
Durbin-Watson stat	1.014051188			

Design Day DTH Calculations	
Design Day Date	HDD
1/20/1985	72
1/19/1985	48.5
Is HDD(-2) Known?	NO
	N/A
	48.5
Calendar Load	2489.11
Weather Load	20582.31
DTH Lag Load	7489.92
Total Forecasted D	30561.35
DTH(-1) Calculations	
NO DTH	
Calendar Load	3962.01
Weather Load	18219.45
Total Forecast DTH	22181.47
DTH LRV method	
Calendar Load	2489.11
Weather Load	12672.74
Total Forecast DTH	22745.86

57
33.5

Dependent Variable: SEMO_FIRM
Method: Least Squares
Date: 11/28/22 Time: 12:01
Sample (adjusted): 11/02/2018 3/31/2019 11/01/2019 3/31/2020 11/01/2020 3/31/2021 11/01/2021 3/31/2022
/2020 3/31/2021 11/01/2021 3/31/2022
Included observations: 604 after adjustments
HAC standard errors & covariance (Bartlett kernel, Newey-West fixed bandwidth = 6.0000)

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	777.5068	1.60E+02	4.87E+00	0.00000
SEMO_HDD	292.7090	7.08E+00	41.33562612	0.00000
SEMO_HDD(-1)	-83.4335	14.25819692	-5.851619292	0.00000
SEMO_FIRM(-1)	0.5010	0.040825631	12.27162761	0.00000

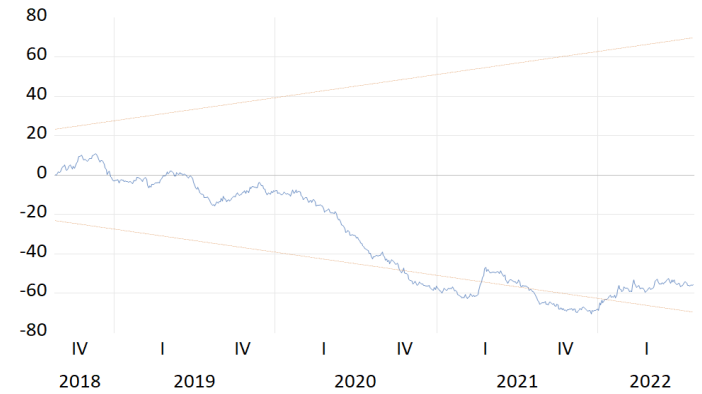
R-squared	0.9385	Mean dependent var	10696.35099
Adjusted R-squared	0.9382	S.D. dependent var	4454.44347
S.E. of regression	1107.1667	Akaike info criterion	16.86360
Sum squared resid	735490907.3947	Schwarz criterion	16.89276
Log likelihood	-5088.8062	Hannan-Quinn criter.	16.87495
F-statistic	3053.5456	Durbin-Watson stat	2.01748
Prob(F-statistic)	0.0000	Wald F-statistic	2265.33640
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 10% trimmed data
Equation Sample: 11/02/2018 3/31/2019 11/01/2019 3/31/2020 11/01/2020 3/31/2021 11/01/2021 3/31/2022
Test Sample: 1/02/2019 1/30/2022
Number of breaks compared: 483

Statistic	Value	Prob.
Maximum LR F-statistic (1/02/2022)	4.74013	0.02152
Exp LR F-statistic	1.16396	0.08104
Ave LR F-statistic	1.98763	0.03176

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



— CUSUM — 5% Significance

Dependent Variable: SEMO_FIRM
Method: Least Squares
Date: 11/28/22 Time: 12:02
Sample: 1/01/2020 3/31/2020 11/01/2020 3/31/2021 11/01/2021 3/31/2022
/2022
Included observations: 393
HAC standard errors & covariance (Bartlett kernel, Newey-West fixed bandwidth = 6.0000)

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	641.2649704	195.3052000	3.2833994	0.0011185
SEMO_HDD	289.0954768	8.9967271	32.1334053	0.0000000
SEMO_HDD(-1)	-76.2383798	19.3903374	-3.9317717	0.0000998
SEMO_FIRM(-1)	0.4983260	0.0549901	9.0621054	0.0000000

R-squared	0.9460	Mean dependent var	10289.5776
Adjusted R-squared	0.9456	S.D. dependent var	4751.3635
S.E. of regression	1108.3621	Akaike info criterion	16.8693
Sum squared resid	477873444.6636	Schwarz criterion	16.9097
Log likelihood	-3310.8136	Hannan-Quinn criter.	16.8853
F-statistic	2271.5870	Durbin-Watson stat	1.9804
Prob(F-statistic)	0.0000	Wald F-statistic	1364.8264
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 10% trimmed data
Equation Sample: 1/01/2020 3/31/2020 11/01/2020 3/31/2021 11/01/2021 3/31/2022
Test Sample: 2/10/2020 2/20/2022
Number of breaks compared: 314

Statistic	Value	Prob.
Maximum LR F-statistic (12/26/2021)	7.47458	0.00019
Exp LR F-statistic	1.74959	0.00888
Ave LR F-statistic	2.71870	0.00349

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



— CUSUM — 5% Significance

<u>Gas Day</u>	SEMO <u>EDD</u>	SEMO Firm <u>Dth</u>	SEMO Interruptible <u>Dth</u>
1/1/2020	19	9916	150
1/2/2020	15	8379	127
1/3/2020	20	8754	133
1/4/2020	29	12791	194
1/5/2020	21	10782	163
1/6/2020	24	11166	169
1/7/2020	23	11072	168
1/8/2020	19	10625	161
1/9/2020	9	7546	114
1/10/2020	6	4963	75
1/11/2020	29	10417	158
1/12/2020	28	12029	182
1/13/2020	23	10336	157
1/14/2020	16	8664	131
1/15/2020	16	7850	119
1/16/2020	32	15114	229
1/17/2020	23	12738	193
1/18/2020	26	10699	162
1/19/2020	41	17035	258
1/20/2020	43	19882	301
1/21/2020	37	17534	266
1/22/2020	31	15896	241
1/23/2020	28	13260	201
1/24/2020	28	12909	196
1/25/2020	26	11987	182
1/26/2020	21	9513	144
1/27/2020	25	10535	160
1/28/2020	31	14115	451
1/29/2020	30	14368	460
1/30/2020	26	12875	412
1/31/2020	21	10582	338
2/1/2020	21	9139	292
2/2/2020	10	6759	216
2/3/2020	5	5250	168
2/4/2020	22	8205	262
2/5/2020	31	13466	431
2/6/2020	35	14912	477
2/7/2020	30	12664	405
2/8/2020	25	11004	352
2/9/2020	10	7084	227
2/10/2020	28	11352	363
2/11/2020	26	12025	385
2/12/2020	27	12564	402
2/13/2020	42	16638	456
2/14/2020	40	18240	500
2/15/2020	23	11256	308
2/16/2020	16	7964	218
2/17/2020	11	6820	187
2/18/2020	29	12080	331
2/19/2020	26	12206	334

<u>Gas Day</u>	<u>EDD</u>	<u>Dth</u>	<u>Dth</u>
2/20/2020	37	16008	438
2/21/2020	35	14548	398
2/22/2020	24	11294	309
2/23/2020	20	9952	273
2/24/2020	16	8736	259
2/25/2020	24	10909	324
2/26/2020	33	15140	450
2/27/2020	25	11815	351
2/28/2020	25	10567	314
2/29/2020	22	9462	281
3/1/2020	9	6391	190
3/2/2020	6	3787	112
3/3/2020	13	5539	165
3/4/2020	15	7044	209
3/5/2020	14	6863	204
3/6/2020	24	9050	269
3/7/2020	22	7551	224
3/8/2020	8	5164	153
3/9/2020	6	5101	151
3/10/2020	18	7944	236
3/11/2020	10	5235	155
3/12/2020	5	4247	126
3/13/2020	19	8076	240
3/14/2020	24	10134	301
3/15/2020	25	11034	328
3/16/2020	21	9888	294
3/17/2020	14	6988	208
3/18/2020	6	5115	152
3/19/2020	0	1815	54
3/20/2020	18	6038	179
3/21/2020	23	8537	254
3/22/2020	20	8252	245
3/23/2020	15	6127	182
3/24/2020	16	6891	205
3/25/2020	14	5495	163
3/26/2020	0	2426	72
3/27/2020	0	1564	70
3/28/2020	1	1604	72
3/29/2020	7	2431	108
3/30/2020	9	3795	169
3/31/2020	14	5484	245
4/1/2020	12	4219	188
4/2/2020	5	3500	156
4/3/2020	6	2755	123
4/4/2020	13	3877	173
4/5/2020	7	3287	147
4/6/2020	0	2319	103
4/7/2020	0	1897	85
4/8/2020	1	1806	81
4/9/2020	11	3375	151
4/10/2020	18	4850	216

<u>Gas Day</u>	<u>EDD</u>	<u>Dth</u>	<u>Dth</u>
4/11/2020	5	3313	148
4/12/2020	12	3660	163
4/13/2020	19	6346	283
4/14/2020	23	7679	343
4/15/2020	15	6405	282
4/16/2020	9	4262	188
4/17/2020	16	5275	232
4/18/2020	14	4494	198
4/19/2020	11	4275	188
4/20/2020	5	3028	133
4/21/2020	6	2757	121
4/22/2020	8	3823	168
4/23/2020	8	3760	165
4/24/2020	2	2067	91
4/25/2020	13	3721	164
4/26/2020	8	3261	148
4/27/2020	2	2944	134
4/28/2020	1	2154	127
4/29/2020	8	2993	177
4/30/2020	6	2855	169
5/1/2020	0	2183	129
5/2/2020	0	1535	91
5/3/2020	1	1769	105
5/4/2020	2	2159	128
5/5/2020	4	2481	147
5/6/2020	10	3741	221
5/7/2020	5	2797	165
5/8/2020	14	3951	234
5/9/2020	10	3424	203
5/10/2020	9	2976	176
5/11/2020	12	3889	230
5/12/2020	14	4693	278
5/13/2020	2	3271	194
5/14/2020	0	1969	117
5/15/2020	0	1728	102
5/16/2020	0	1412	84
5/17/2020	1	1513	90
5/18/2020	2	2072	123
5/19/2020	1	2073	123
5/20/2020	1	1922	114
5/21/2020	0	1851	110
5/22/2020	0	1594	94
5/23/2020	0	1502	89
5/24/2020	0	1262	75
5/25/2020	0	1358	80
5/26/2020	0	1590	94
5/27/2020	0	1506	136
5/28/2020	0	1535	138
5/29/2020	0	1586	143
5/30/2020	0	1392	125
5/31/2020	0	1269	114

<u>Gas Day</u>	<u>EDD</u>	<u>Dth</u>	<u>Dth</u>
6/1/2020	0	1563	141
6/2/2020	0	1470	133
6/3/2020	0	1385	125
6/4/2020	0	1388	125
6/5/2020	0	1439	130
6/6/2020	0	1255	113
6/7/2020	0	1191	107
6/8/2020	0	1393	126
6/9/2020	0	1380	124
6/10/2020	0	1492	134
6/11/2020	0	1504	135
6/12/2020	0	1527	138
6/13/2020	0	1218	110
6/14/2020	0	1120	101
6/15/2020	0	1393	126
6/16/2020	0	1370	123
6/17/2020	0	1342	121
6/18/2020	0	1334	120
6/19/2020	0	1278	115
6/20/2020	0	1157	104
6/21/2020	0	1179	106
6/22/2020	0	1226	110
6/23/2020	0	1380	124
6/24/2020	0	1468	132
6/25/2020	0	1338	121
6/26/2020	0	1350	122
6/27/2020	0	1156	104
6/28/2020	0	1138	103
6/29/2020	0	1446	130
6/30/2020	0	1420	128
7/1/2020	0	1367	123
7/2/2020	0	1450	131
7/3/2020	0	1281	116
7/4/2020	0	1253	113
7/5/2020	0	1155	104
7/6/2020	0	1190	107
7/7/2020	0	1561	141
7/8/2020	0	1214	109
7/9/2020	0	1310	118
7/10/2020	0	1161	105
7/11/2020	0	147	13
7/12/2020	0	1115	100
7/13/2020	0	1163	105
7/14/2020	0	2497	225
7/15/2020	0	1224	110
7/16/2020	0	1192	107
7/17/2020	0	1303	117
7/18/2020	0	1029	93
7/19/2020	0	1162	105
7/20/2020	0	1408	127
7/21/2020	0	1180	106

<u>Gas Day</u>	<u>EDD</u>	<u>Dth</u>	<u>Dth</u>
7/22/2020	0	1147	103
7/23/2020	0	1162	105
7/24/2020	0	1161	105
7/25/2020	0	1083	98
7/26/2020	0	1037	93
7/27/2020	0	1145	94
7/28/2020	0	1272	104
7/29/2020	0	1228	100
7/30/2020	0	1337	109
7/31/2020	0	1469	120
8/1/2020	0	1032	84
8/2/2020	0	1154	94
8/3/2020	0	1341	110
8/4/2020	0	1423	116
8/5/2020	0	1391	114
8/6/2020	0	1336	109
8/7/2020	0	1373	112
8/8/2020	0	1133	93
8/9/2020	0	1148	94
8/10/2020	0	1289	105
8/11/2020	0	1328	109
8/12/2020	0	1325	108
8/13/2020	0	1238	101
8/14/2020	0	1277	104
8/15/2020	0	1219	100
8/16/2020	0	1041	85
8/17/2020	0	1564	128
8/18/2020	0	1383	113
8/19/2020	0	1407	115
8/20/2020	0	1343	110
8/21/2020	0	1316	108
8/22/2020	0	1172	96
8/23/2020	0	1076	88
8/24/2020	0	1668	137
8/25/2020	0	1652	135
8/26/2020	0	1655	135
8/27/2020	0	1704	139
8/28/2020	0	1484	72
8/29/2020	0	1566	76
8/30/2020	0	1481	72
8/31/2020	0	2106	102
9/1/2020	0	1193	58
9/2/2020	0	1452	70
9/3/2020	0	1514	73
9/4/2020	0	1753	85
9/5/2020	0	1851	90
9/6/2020	0	1614	78
9/7/2020	0	1738	84
9/8/2020	0	2477	120
9/9/2020	0	2442	119
9/10/2020	0	2670	130

<u>Gas Day</u>	<u>EDD</u>	<u>Dth</u>	<u>Dth</u>
9/11/2020	0	2462	120
9/12/2020	0	2495	121
9/13/2020	0	2167	105
9/14/2020	0	2530	123
9/15/2020	0	3064	149
9/16/2020	0	2997	146
9/17/2020	0	2851	138
9/18/2020	3	3279	159
9/19/2020	4	2960	144
9/20/2020	2	2769	134
9/21/2020	3	3094	150
9/22/2020	3	2865	139
9/23/2020	4	2859	139
9/24/2020	2	2586	126
9/25/2020	0	2506	122
9/26/2020	1	2749	120
9/27/2020	1	2586	113
9/28/2020	7	3113	136
9/29/2020	8	3624	159
9/30/2020	4	3294	144
10/1/2020	10	3218	141
10/2/2020	13	3789	166
10/3/2020	7	3230	141
10/4/2020	15	3884	170
10/5/2020	14	4466	196
10/6/2020	6	3940	173
10/7/2020	3	3025	132
10/8/2020	3	2716	119
10/9/2020	0	2476	108
10/10/2020	0	1809	79
10/11/2020	0	1817	80
10/12/2020	8	2941	129
10/13/2020	9	3389	148
10/14/2020	3	3056	134
10/15/2020	15	4314	189
10/16/2020	17	4896	214
10/17/2020	4	4135	181
10/18/2020	7	3739	164
10/19/2020	12	5376	235
10/20/2020	6	4043	177
10/21/2020	1	2967	130
10/22/2020	0	2826	124
10/23/2020	12	3962	174
10/24/2020	18	6469	283
10/25/2020	15	5604	182
10/26/2020	19	8445	275
10/27/2020	20	8933	291
10/28/2020	14	7420	241
10/29/2020	23	9346	304
10/30/2020	20	8231	268
10/31/2020	14	6076	198

<u>Gas Day</u>	<u>EDD</u>	<u>Dth</u>	<u>Dth</u>
11/1/2020	22	8215	267
11/2/2020	21	9692	315
11/3/2020	11	6392	208
11/4/2020	9	5427	177
11/5/2020	11	5649	184
11/6/2020	10	5090	166
11/7/2020	1	3275	107
11/8/2020	0	2683	87
11/9/2020	0	2942	96
11/10/2020	4	3353	109
11/11/2020	18	6290	205
11/12/2020	13	6051	197
11/13/2020	17	6577	214
11/14/2020	4	4323	141
11/15/2020	20	6616	215
11/16/2020	16	7133	232
11/17/2020	22	8987	292
11/18/2020	15	8113	264
11/19/2020	8	6222	202
11/20/2020	5	3857	125
11/21/2020	11	4646	151
11/22/2020	25	8747	285
11/23/2020	20	8323	271
11/24/2020	12	7211	187
11/25/2020	15	6117	159
11/26/2020	21	6717	175
11/27/2020	19	7411	193
11/28/2020	26	9312	242
11/29/2020	25	10895	283
11/30/2020	35	15566	405
12/1/2020	34	13928	362
12/2/2020	24	12314	320
12/3/2020	24	11223	292
12/4/2020	25	10991	286
12/5/2020	23	9168	238
12/6/2020	25	10592	275
12/7/2020	29	12393	322
12/8/2020	26	10879	283
12/9/2020	18	8286	215
12/10/2020	12	6717	175
12/11/2020	9	5933	154
12/12/2020	24	7824	203
12/13/2020	30	10405	270
12/14/2020	34	14610	380
12/15/2020	33	14751	383
12/16/2020	36	15638	406
12/17/2020	36	15525	403
12/18/2020	24	12477	324
12/19/2020	24	10868	282
12/20/2020	25	10694	278
12/21/2020	19	9338	243

<u>Gas Day</u>	<u>EDD</u>	<u>Dth</u>	<u>Dth</u>
12/22/2020	17	8652	225
12/23/2020	24	9815	255
12/24/2020	43	16426	385
12/25/2020	40	16594	389
12/26/2020	25	11432	268
12/27/2020	16	8647	203
12/28/2020	29	12645	296
12/29/2020	22	11603	272
12/30/2020	26	10898	255
12/31/2020	32	14438	338
1/1/2021	25	10711	251
1/2/2021	30	11818	277
1/3/2021	29	12466	292
1/4/2021	23	10685	250
1/5/2021	27	11411	267
1/6/2021	26	12316	289
1/7/2021	33	15211	357
1/8/2021	31	14196	333
1/9/2021	33	14224	333
1/10/2021	35	15296	359
1/11/2021	39	17612	413
1/12/2021	32	14984	351
1/13/2021	25	12571	295
1/14/2021	24	11366	266
1/15/2021	31	14138	370
1/16/2021	29	12469	326
1/17/2021	26	11482	300
1/18/2021	20	10348	271
1/19/2021	25	10960	287
1/20/2021	24	9747	255
1/21/2021	24	10103	264
1/22/2021	32	12875	337
1/23/2021	26	11720	306
1/24/2021	22	10122	265
1/25/2021	20	10170	266
1/26/2021	25	10700	219
1/27/2021	36	15941	298
1/28/2021	34	15229	285
1/29/2021	25	12091	226
1/30/2021	18	10160	190
1/31/2021	31	13241	247
2/1/2021	33	15397	288
2/2/2021	32	14375	269
2/3/2021	26	12473	233
2/4/2021	29	13717	256
2/5/2021	27	12572	235
2/6/2021	35	15067	282
2/7/2021	41	18048	337
2/8/2021	33	15896	297
2/9/2021	40	19526	365
2/10/2021	44	21491	402

<u>Gas Day</u>	<u>EDD</u>	<u>Dth</u>	<u>Dth</u>
2/11/2021	45	21618	404
2/12/2021	49	23639	442
2/13/2021	57	25283	472
2/14/2021	62	28506	533
2/15/2021	64	28621	535
2/16/2021	55	23985	448
2/17/2021	47	22545	421
2/18/2021	47	21469	401
2/19/2021	48	20643	386
2/20/2021	40	17933	335
2/21/2021	24	12931	242
2/22/2021	23	11947	223
2/23/2021	13	8064	151
2/24/2021	14	8093	151
2/25/2021	22	10160	190
2/26/2021	21	10104	337
2/27/2021	11	6482	216
2/28/2021	11	5387	180
3/1/2021	26	11394	380
3/2/2021	24	10332	344
3/3/2021	15	7662	255
3/4/2021	12	6343	211
3/5/2021	25	10805	360
3/6/2021	22	8271	276
3/7/2021	16	7131	238
3/8/2021	13	6222	207
3/9/2021	5	4922	164
3/10/2021	0	3497	117
3/11/2021	5	3546	118
3/12/2021	14	5438	181
3/13/2021	13	5795	193
3/14/2021	10	5787	193
3/15/2021	8	4429	148
3/16/2021	4	3898	130
3/17/2021	8	4090	136
3/18/2021	24	9564	319
3/19/2021	22	9038	301
3/20/2021	15	5865	196
3/21/2021	12	4702	157
3/22/2021	4	4079	136
3/23/2021	6	3302	110
3/24/2021	5	3417	114
3/25/2021	10	3910	130
3/26/2021	9	4156	139
3/27/2021	3	1951	65
3/28/2021	17	5393	224
3/29/2021	9	4755	197
3/30/2021	8	4282	178
3/31/2021	20	7617	316
4/1/2021	26	9395	390
4/2/2021	22	7541	313

<u>Gas Day</u>	<u>EDD</u>	<u>Dth</u>	<u>Dth</u>
4/3/2021	12	4898	203
4/4/2021	6	3691	153
4/5/2021	2	1813	75
4/6/2021	0	2042	85
4/7/2021	3	2080	86
4/8/2021	6	3005	125
4/9/2021	0	2089	87
4/10/2021	7	2634	109
4/11/2021	4	2587	107
4/12/2021	2	2322	96
4/13/2021	6	2774	115
4/14/2021	11	3636	151
4/15/2021	12	3868	160
4/16/2021	9	3539	147
4/17/2021	14	3841	159
4/18/2021	14	4081	169
4/19/2021	8	3650	151
4/20/2021	24	6817	283
4/21/2021	20	7039	292
4/22/2021	14	5025	208
4/23/2021	7	3997	166
4/24/2021	13	4654	193
4/25/2021	6	3114	129
4/26/2021	0	2399	99
4/27/2021	0	1892	112
4/28/2021	0	1873	110
4/29/2021	2	2218	131
4/30/2021	2	2074	122
5/1/2021	0	1800	106
5/2/2021	1	1988	117
5/3/2021	0	1787	105
5/4/2021	6	2222	131
5/5/2021	6	2597	153
5/6/2021	6	2747	162
5/7/2021	1	2398	141
5/8/2021	1	2244	132
5/9/2021	10	2813	166
5/10/2021	12	3678	217
5/11/2021	7	3184	188
5/12/2021	10	3291	194
5/13/2021	8	3165	186
5/14/2021	6	2493	147
5/15/2021	1	1895	112
5/16/2021	0	1568	92
5/17/2021	0	1766	104
5/18/2021	0	1777	105
5/19/2021	0	1718	101
5/20/2021	0	1708	101
5/21/2021	0	1650	97
5/22/2021	0	1327	78
5/23/2021	0	1325	78

<u>Gas Day</u>	<u>EDD</u>	<u>Dth</u>	<u>Dth</u>
5/24/2021	0	1586	93
5/25/2021	0	1549	91
5/26/2021	0	1572	93
5/27/2021	0	1520	90
5/28/2021	5	1669	119
5/29/2021	11	2275	163
5/30/2021	5	1720	123
5/31/2021	0	1422	102
6/1/2021	1	1781	127
6/2/2021	0	1663	119
6/3/2021	0	1687	121
6/4/2021	0	1568	112
6/5/2021	0	1243	89
6/6/2021	0	1260	90
6/7/2021	0	1500	107
6/8/2021	0	1480	106
6/9/2021	0	1435	102
6/10/2021	0	1425	102
6/11/2021	0	1443	103
6/12/2021	0	1192	85
6/13/2021	0	1252	89
6/14/2021	0	1290	92
6/15/2021	0	1403	100
6/16/2021	0	1431	102
6/17/2021	0	1308	93
6/18/2021	0	1348	96
6/19/2021	0	1064	76
6/20/2021	0	1165	83
6/21/2021	1	1740	124
6/22/2021	2	1476	105
6/23/2021	0	1485	106
6/24/2021	0	1325	95
6/25/2021	0	1297	93
6/26/2021	0	1175	76
6/27/2021	0	1228	79
6/28/2021	0	1458	93
6/29/2021	0	1458	94
6/30/2021	0	1640	105
7/1/2021	0	1461	94
7/2/2021	0	1557	100
7/3/2021	0	1453	93
7/4/2021	0	1177	75
7/5/2021	0	1236	79
7/6/2021	0	1526	98
7/7/2021	0	1495	96
7/8/2021	0	1509	97
7/9/2021	0	1536	99
7/10/2021	0	1362	87
7/11/2021	0	1480	95
7/12/2021	0	1663	107
7/13/2021	0	1581	101

<u>Gas Day</u>	<u>EDD</u>	<u>Dth</u>	<u>Dth</u>
7/14/2021	0	1507	97
7/15/2021	0	1512	97
7/16/2021	0	1436	92
7/17/2021	0	1312	84
7/18/2021	0	1375	88
7/19/2021	0	1579	101
7/20/2021	0	1570	101
7/21/2021	0	1609	103
7/22/2021	0	1504	96
7/23/2021	0	1345	86
7/24/2021	0	1203	77
7/25/2021	0	1093	70
7/26/2021	0	1475	95
7/27/2021	0	1487	90
7/28/2021	0	1469	89
7/29/2021	0	1462	89
7/30/2021	0	1530	93
7/31/2021	0	1053	64
8/1/2021	0	1277	77
8/2/2021	0	1550	94
8/3/2021	0	1588	96
8/4/2021	0	1586	96
8/5/2021	0	1503	91
8/6/2021	0	1585	96
8/7/2021	0	1147	70
8/8/2021	0	1303	79
8/9/2021	0	1425	86
8/10/2021	0	1535	93
8/11/2021	0	1622	98
8/12/2021	0	1799	109
8/13/2021	0	1673	101
8/14/2021	0	1420	86
8/15/2021	0	1463	89
8/16/2021	0	1649	100
8/17/2021	0	1710	104
8/18/2021	0	1804	109
8/19/2021	0	1670	101
8/20/2021	0	1640	99
8/21/2021	0	1275	77
8/22/2021	0	1287	78
8/23/2021	0	1505	91
8/24/2021	0	1600	97
8/25/2021	0	1533	93
8/26/2021	0	1985	120
8/27/2021	0	2015	79
8/28/2021	0	1908	75
8/29/2021	0	1892	75
8/30/2021	0	2335	92
8/31/2021	0	2124	84
9/1/2021	0	3001	118
9/2/2021	0	2757	109

<u>Gas Day</u>	<u>EDD</u>	<u>Dth</u>	<u>Dth</u>
9/3/2021	0	2951	116
9/4/2021	0	2332	92
9/5/2021	0	1731	68
9/6/2021	0	1890	74
9/7/2021	0	2738	108
9/8/2021	0	3075	121
9/9/2021	2	3036	120
9/10/2021	0	3077	121
9/11/2021	0	2885	114
9/12/2021	0	2305	91
9/13/2021	0	2761	109
9/14/2021	0	2640	104
9/15/2021	0	2753	108
9/16/2021	0	2840	112
9/17/2021	0	2442	96
9/18/2021	0	2166	85
9/19/2021	0	1777	70
9/20/2021	0	2211	87
9/21/2021	2	2466	97
9/22/2021	7	3059	120
9/23/2021	7	3373	133
9/24/2021	2	3406	134
9/25/2021	6	2948	116
9/26/2021	1	2544	100
9/27/2021	1	2698	116
9/28/2021	0	2631	113
9/29/2021	0	2348	101
9/30/2021	0	2377	102
10/1/2021	0	2273	98
10/2/2021	0	1508	65
10/3/2021	0	1515	65
10/4/2021	1	1880	81
10/5/2021	0	2440	105
10/6/2021	0	2587	111
10/7/2021	0	2423	104
10/8/2021	0	2402	103
10/9/2021	0	2209	95
10/10/2021	0	2351	101
10/11/2021	2	2438	105
10/12/2021	0	2710	116
10/13/2021	0	2685	115
10/14/2021	0	2771	119
10/15/2021	7	3038	131
10/16/2021	13	3366	145
10/17/2021	11	3137	135
10/18/2021	11	3732	160
10/19/2021	8	3757	162
10/20/2021	1	3352	144
10/21/2021	9	3724	160
10/22/2021	9	3890	167
10/23/2021	3	3683	158

<u>Gas Day</u>	<u>EDD</u>	<u>Dth</u>	<u>Dth</u>
10/24/2021	0	2587	111
10/25/2021	11	4051	174
10/26/2021	11	4518	131
10/27/2021	5	3788	110
10/28/2021	10	4130	120
10/29/2021	11	4807	139
10/30/2021	12	4787	139
10/31/2021	13	5306	154
11/1/2021	18	7404	215
11/2/2021	20	8399	244
11/3/2021	26	9842	286
11/4/2021	25	9771	283
11/5/2021	23	9033	262
11/6/2021	20	8261	240
11/7/2021	16	6904	200
11/8/2021	13	6351	184
11/9/2021	11	6132	178
11/10/2021	4	4187	121
11/11/2021	15	6581	191
11/12/2021	24	10234	297
11/13/2021	25	9804	284
11/14/2021	22	9693	281
11/15/2021	15	8113	235
11/16/2021	2	5600	162
11/17/2021	10	5829	169
11/18/2021	27	10572	307
11/19/2021	26	10890	316
11/20/2021	14	7936	230
11/21/2021	20	8463	246
11/22/2021	30	12657	367
11/23/2021	23	11407	331
11/24/2021	9	7313	211
11/25/2021	30	10046	290
11/26/2021	31	11906	344
11/27/2021	20	9986	288
11/28/2021	26	10653	307
11/29/2021	19	10432	301
11/30/2021	15	7647	221
12/1/2021	14	7371	213
12/2/2021	10	6011	173
12/3/2021	6	4972	143
12/4/2021	12	6328	183
12/5/2021	6	5004	144
12/6/2021	31	11719	338
12/7/2021	29	12877	372
12/8/2021	24	10772	311
12/9/2021	9	7508	217
12/10/2021	2	3731	108
12/11/2021	29	9760	282
12/12/2021	26	10687	308
12/13/2021	19	9388	271

<u>Gas Day</u>	<u>EDD</u>	<u>Dth</u>	<u>Dth</u>
12/14/2021	6	5606	162
12/15/2021	2	4577	132
12/16/2021	15	6301	182
12/17/2021	14	8466	244
12/18/2021	29	11192	323
12/19/2021	33	12715	367
12/20/2021	28	12369	357
12/21/2021	24	11020	318
12/22/2021	30	12050	348
12/23/2021	11	7952	229
12/24/2021	1	3816	110
12/25/2021	8	2892	83
12/26/2021	5	4678	135
12/27/2021	4	3851	111
12/28/2021	7	4220	94
12/29/2021	16	7238	162
12/30/2021	13	7272	162
12/31/2021	3	3964	88
1/1/2022	22	7146	159
1/2/2022	42	17808	397
1/3/2022	37	16404	366
1/4/2022	31	16137	360
1/5/2022	30	13845	309
1/6/2022	48	20778	464
1/7/2022	45	21166	472
1/8/2022	22	13495	301
1/9/2022	35	15979	357
1/10/2022	33	16815	375
1/11/2022	28	14763	329
1/12/2022	20	12265	274
1/13/2022	24	12002	268
1/14/2022	23	11692	261
1/15/2022	35	13022	291
1/16/2022	32	14813	331
1/17/2022	30	13876	310
1/18/2022	17	11028	246
1/19/2022	40	18111	404
1/20/2022	50	22997	513
1/21/2022	45	20421	456
1/22/2022	37	16874	377
1/23/2022	29	13689	305
1/24/2022	23	13077	292
1/25/2022	43	19530	443
1/26/2022	40	18786	426
1/27/2022	33	15952	362
1/28/2022	41	18139	412
1/29/2022	35	16538	375
1/30/2022	27	12625	286
1/31/2022	23	11333	257
2/1/2022	12	7200	163
2/2/2022	40	16917	384

<u>Gas Day</u>	<u>EDD</u>	<u>Dth</u>	<u>Dth</u>
2/3/2022	46	21105	479
2/4/2022	41	18984	431
2/5/2022	40	17236	391
2/6/2022	34	15329	348
2/7/2022	32	15014	341
2/8/2022	22	12401	281
2/9/2022	20	10085	229
2/10/2022	20	9764	222
2/11/2022	19	9712	220
2/12/2022	40	16485	374
2/13/2022	34	15259	346
2/14/2022	28	13001	295
2/15/2022	10	7716	175
2/16/2022	3	5177	117
2/17/2022	35	13260	301
2/18/2022	33	14154	321
2/19/2022	29	12686	288
2/20/2022	16	8480	192
2/21/2022	8	6073	138
2/22/2022	23	9780	222
2/23/2022	39	17988	408
2/24/2022	36	16817	381
2/25/2022	41	18038	504
2/26/2022	34	14711	411
2/27/2022	28	12037	337
2/28/2022	20	9317	261
3/1/2022	10	6883	192
3/2/2022	8	4983	139
3/3/2022	12	5828	163
3/4/2022	6	4712	132
3/5/2022	0	3231	90
3/6/2022	5	2981	83
3/7/2022	27	10688	299
3/8/2022	26	11727	328
3/9/2022	23	9426	264
3/10/2022	21	8840	247
3/11/2022	40	16169	452
3/12/2022	36	15119	423
3/13/2022	19	11262	315
3/14/2022	11	6523	182
3/15/2022	10	5362	150
3/16/2022	8	4413	123
3/17/2022	3	3750	105
3/18/2022	13	5357	150
3/19/2022	18	7201	201
3/20/2022	9	5053	141
3/21/2022	4	4153	116
3/22/2022	12	6041	169
3/23/2022	22	9674	271
3/24/2022	21	10019	280
3/25/2022	15	8316	233

<u>Gas Day</u>	<u>EDD</u>	<u>Dth</u>	<u>Dth</u>
3/26/2022	15	7545	211
3/27/2022	22	9143	321
3/28/2022	15	7938	279
3/29/2022	0	4047	142
3/30/2022	11	4282	150
3/31/2022	24	9488	333

Calendar Date	Blended (KPOF*.64+ DYERSBURG*.36)						64%						36%			
	KPAH	KBRL	KIRK	KMCI	KMWA	KPAH	KPOF	KSPI	KSTL	KUIN	KCSG	KGVL	DYERSBURG			
January1	28.30	41	38	36	33	28	29	38	33	38	17	22	26			
January2	28.40	41	38	36	33	28	29	38	33	38	17	22	26			
January3	28.50	41	38	36	33	29	29	38	33	38	17	23	26			
January4	28.60	41	39	36	33	29	29	38	33	38	17	23	26			
January5	28.70	41	39	36	33	29	29	38	33	39	17	23	26			
January6	28.80	41	39	36	33	29	29	38	33	39	17	23	26			
January7	28.90	42	39	36	33	29	29	38	33	39	17	23	27			
January8	29.00	42	39	36	33	29	29	38	34	39	17	23	27			
January9	29.10	42	39	36	33	29	29	38	34	39	17	23	27			
January10	29.20	42	39	36	33	29	29	38	34	39	17	23	27			
January11	29.20	42	39	36	33	29	29	38	34	39	17	23	27			
January12	29.30	42	39	36	33	29	29	39	34	39	17	23	27			
January13	29.30	42	40	36	33	29	29	39	34	39	17	23	27			
January14	29.40	42	40	36	33	29	29	39	34	39	17	23	27			
January15	29.40	42	40	36	33	29	29	39	34	39	17	23	27			
January16	29.40	42	40	36	33	29	29	39	33	39	17	23	27			
January17	29.40	42	40	36	33	29	29	39	33	39	17	23	27			
January18	29.40	42	40	36	33	29	29	39	33	39	17	23	27			
January19	29.40	42	40	36	33	29	29	38	33	39	17	23	27			
January20	29.30	42	40	36	33	29	29	38	33	39	17	23	27			
January21	29.30	42	40	36	33	29	29	38	33	39	17	23	27			
January22	29.30	42	40	36	32	29	29	38	33	39	17	23	27			
January23	29.20	42	40	36	32	29	29	38	33	39	17	23	27			
January24	29.10	42	40	36	32	29	29	38	33	39	16	23	27			
January25	29.00	41	39	36	32	29	29	38	33	38	16	22	27			
January26	28.90	41	39	36	32	29	28	38	33	38	16	22	27			
January27	28.80	41	39	36	32	29	28	38	33	38	16	22	27			
January28	28.70	41	39	36	32	29	28	38	33	38	16	22	27			
January29	28.60	41	39	36	32	29	28	38	32	38	16	22	27			
January30	28.50	41	39	35	31	29	28	38	32	38	16	22	27			
January31	28.30	41	39	35	31	28	28	37	32	38	16	22	26			
February1	28.10	41	39	35	31	28	28	37	32	38	15	22	26			
February2	28.00	40	38	35	31	28	27	37	32	37	15	22	26			
February3	27.80	40	38	35	31	28	27	37	32	37	15	22	26			
February4	27.60	40	38	35	31	28	27	37	31	37	15	21	26			
February5	27.40	40	38	34	30	27	27	37	31	37	15	21	26			
February6	27.20	40	38	34	30	27	27	36	31	37	15	21	25			
February7	27.00	39	37	34	30	27	26	36	31	36	14	21	25			
February8	26.70	39	37	34	30	27	26	36	31	36	14	21	25			
February9	26.50	39	37	33	30	27	26	36	30	36	14	21	25			
February10	26.30	39	37	33	29	26	26	35	30	36	14	20	25			
February11	26.00	38	36	33	29	26	26	35	30	35	14	20	24			
February12	25.80	38	36	33	29	26	25	35	30	35	14	20	24			
February13	25.50	38	36	32	29	26	25	35	29	35	13	20	24			
February14	25.20	37	35	32	28	25	25	34	29	35	13	20	24			
February15	24.90	37	35	32	28	25	25	34	29	34	13	19	23			
February16	24.70	37	35	31	28	25	24	34	29	34	13	19	23			
February17	24.40	36	34	31	28	24	24	33	28	34	12	19	23			
February18	24.10	36	34	31	27	24	24	33	28	33	12	19	23			
February19	23.80	36	34	30	27	24	24	33	28	33	12	19	22			
February20	23.50	35	33	30	27	24	23	32	27	33	12	18	22			
February21	23.20	35	33	29	27	23	23	32	27	32	12	18	22			
February22	22.90	34	33	29	26	23	23	31	27	32	11	18	21			
February23	22.60	34	32	29	26	23	23	31	26	32	11	18	21			
February24	22.30	34	32	28	26	22	22	31	26	31	11	17	21			
February25	22.00	33	32	28	25	22	22	30	26	31	11	17	20			
February26	21.70	33	31	28	25	22	22	30	25	30	11	17	20			

Design Day Temperature Lookup			
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	KPAH	KBRL	KIRK	KMCI	KMWA	KPAH	KPOF	KSPI	KSTL	KUIN	KCSG	KGVL	DYERSBURG
February27	21.40	32	31	27	25	21	22	30	25	30	10	17	20
February28	21.10	32	30	27	24	21	21	29	25	30	10	16	20
February29	20.90	32	30	27	24	21	21	29	24	29	10	16	19
March1	20.80	31	30	26	24	21	21	29	24	29	10	16	19
March2	20.50	31	30	26	24	21	21	28	24	29	10	16	19
March3	20.20	31	29	26	23	20	20	28	24	28	10	16	19
March4	19.90	30	29	25	23	20	20	28	23	28	9	15	18
March5	19.60	30	28	25	23	20	20	27	23	28	9	15	18
March6	19.30	29	28	25	22	19	20	27	23	27	9	15	18
March7	19.00	29	28	24	22	19	19	26	22	27	9	15	17
March8	18.60	28	27	24	22	19	19	26	22	26	9	14	17
March9	18.30	28	27	23	21	18	19	26	21	26	8	14	17
March10	18.00	28	26	23	21	18	18	25	21	26	8	14	16
March11	17.70	27	26	23	21	18	18	25	21	25	8	14	16
March12	17.40	27	25	22	20	17	18	24	20	25	8	13	16
March13	17.10	26	25	22	20	17	17	24	20	24	8	13	15
March14	16.80	26	25	21	20	17	17	24	20	24	7	13	15
March15	16.50	26	24	21	19	17	17	23	19	23	7	13	15
March16	16.20	25	24	21	19	16	17	23	19	23	7	12	15
March17	15.90	25	23	20	19	16	16	22	19	23	7	12	14
March18	15.60	24	23	20	18	16	16	22	18	22	7	12	14
March19	15.30	24	23	20	18	15	16	22	18	22	7	12	14
March20	15.00	23	22	19	17	15	15	21	17	22	6	11	14
March21	14.70	23	22	19	17	15	15	21	17	21	6	11	13
March22	14.50	23	21	19	17	15	15	21	17	21	6	11	13
March23	14.20	22	21	18	16	14	14	20	16	20	6	11	13
March24	13.90	22	21	18	16	14	14	20	16	20	6	10	12
March25	13.60	22	20	18	16	14	14	19	16	20	6	10	12
March26	13.30	21	20	17	15	13	13	19	15	19	5	10	12
March27	12.90	21	20	17	15	13	13	19	15	19	5	10	12
March28	12.60	20	19	17	15	13	13	18	15	19	5	9	11
March29	12.30	20	19	16	14	12	12	18	14	18	5	9	11
March30	12.00	20	18	16	14	12	12	18	14	18	5	9	11
March31	11.70	19	18	16	14	12	12	17	14	17	5	9	10
April1	11.50	19	18	15	13	12	11	17	14	17	4	8	10
April2	11.20	18	17	15	13	11	11	17	13	17	4	8	10
April3	10.90	18	17	15	13	11	11	16	13	16	4	8	10
April4	10.60	18	17	14	13	11	10	16	13	16	4	8	9
April5	10.30	17	16	14	12	10	10	16	12	16	4	8	9
April6	10.00	17	16	14	12	10	10	15	12	15	4	7	9
April7	9.70	16	16	14	12	10	9	15	11	15	4	7	9
April8	9.40	16	15	13	11	9	9	15	11	15	3	7	8
April9	9.20	16	15	13	11	9	9	14	11	14	3	7	8
April10	8.90	15	15	13	11	9	9	14	11	14	3	7	8
April11	8.60	15	15	12	10	9	8	14	10	14	3	6	8
April12	8.30	15	14	12	10	8	8	13	10	13	3	6	7
April13	8.10	14	14	12	10	8	8	13	10	13	3	6	7
April14	7.70	14	14	11	10	8	8	13	9	13	3	6	7
April15	7.40	13	13	11	9	7	7	12	9	12	2	5	7
April16	7.10	13	13	11	9	7	7	12	9	12	2	5	6
April17	6.80	13	13	11	9	7	7	12	8	12	2	5	6
April18	6.50	12	12	10	8	7	6	11	8	12	2	5	6
April19	6.20	12	12	10	8	6	6	11	8	11	2	5	6
April20	6.00	12	12	10	8	6	6	11	8	11	2	4	5
April21	5.70	11	11	9	8	6	5	10	7	11	2	4	5
April22	5.40	11	11	9	7	5	5	10	7	10	1	4	5
April23	5.20	11	11	9	7	5	5	10	7	10	1	4	5
April24	4.90	10	11	8	7	5	5	9	6	10	1	4	4

Calendar Date	KPAH	KBRL	KIRK	KMCI	KMWA	KPAH	KPOF	KSPI	KSTL	KUIN	KCSG	KGVL	DYERSBURG
August19	-	0	0	0	0	0	0	0	0	0	0	0	0
August20	-	0	0	0	0	0	0	0	0	0	0	0	0
August21	-	0	0	0	0	0	0	0	0	0	0	0	0
August22	-	0	0	0	0	0	0	0	0	0	0	0	0
August23	-	0	0	0	0	0	0	0	0	0	0	0	0
August24	-	0	0	0	0	0	0	0	0	0	0	0	0
August25	-	0	0	0	0	0	0	0	0	0	0	0	0
August26	-	0	0	0	0	0	0	0	0	0	0	0	0
August27	-	0	0	0	0	0	0	0	0	0	0	0	0
August28	-	0	0	0	0	0	0	0	0	0	0	0	0
August29	-	0	1	0	0	0	0	0	0	0	0	0	0
August30	-	1	1	0	0	0	0	0	0	0	0	0	0
August31	-	1	1	0	0	0	0	0	0	0	0	0	0
September1	-	1	1	0	0	0	0	0	0	0	0	0	0
September2	0.10	1	1	0	0	0	0	0	0	1	0	0	0
September3	0.10	1	1	0	0	0	0	0	0	1	0	0	0
September4	0.10	1	1	0	0	0	0	1	0	1	0	0	0
September5	0.10	1	1	0	0	0	0	1	0	1	0	0	0
September6	0.10	1	1	1	0	0	0	1	0	1	0	0	0
September7	0.10	1	1	1	0	0	0	1	0	1	0	0	0
September8	0.20	1	2	1	0	0	0	1	0	1	0	0	0
September9	0.20	1	2	1	0	0	0	1	0	1	0	0	0
September10	0.30	1	2	1	1	0	0	1	0	1	0	0	0
September11	0.30	2	2	1	1	0	0	1	0	1	0	0	0
September12	0.40	2	2	1	1	0	0	1	1	2	0	0	0
September13	0.40	2	2	1	1	0	0	2	1	2	0	0	0
September14	0.50	2	3	2	1	1	1	2	1	2	0	0	0
September15	0.60	2	3	2	1	1	1	2	1	2	0	0	0
September16	0.70	3	3	2	1	1	1	2	1	2	0	0	0
September17	0.80	3	3	2	2	1	1	3	1	3	0	0	0
September18	0.90	3	3	2	2	1	1	3	1	3	0	0	0
September19	1.00	3	3	3	2	1	1	3	2	3	0	0	1
September20	1.10	4	4	3	2	1	1	3	2	3	0	0	1
September21	1.20	4	4	3	2	1	1	3	2	4	0	0	1
September22	1.30	4	4	3	3	1	1	4	2	4	0	1	1
September23	1.50	4	4	3	3	2	1	4	2	4	0	1	1
September24	1.60	5	5	4	3	2	2	4	2	5	0	1	1
September25	1.80	5	5	4	3	2	2	5	3	5	0	1	1
September26	2.00	5	5	4	3	2	2	5	3	5	0	1	1
September27	2.20	6	6	4	4	2	2	5	3	6	0	1	1
September28	2.50	6	6	5	4	3	2	6	3	6	0	1	1
September29	2.70	6	6	5	4	3	3	6	4	6	0	1	2
September30	2.90	7	6	5	4	3	3	6	4	6	0	1	2
October1	3.10	7	7	5	5	3	3	6	4	7	0	1	2
October2	3.30	7	7	6	5	3	3	7	4	7	0	2	2
October3	3.50	8	7	6	5	4	3	7	4	7	0	2	2
October4	3.70	8	8	6	5	4	4	7	5	7	0	2	2
October5	3.90	8	8	6	5	4	4	8	5	8	1	2	3
October6	4.10	9	8	7	6	4	4	8	5	8	1	2	3
October7	4.30	9	9	7	6	4	4	8	5	8	1	2	3
October8	4.60	9	9	7	6	5	4	8	6	9	1	2	3
October9	4.80	10	9	7	6	5	5	9	6	9	1	3	3
October10	5.10	10	10	8	7	5	5	9	6	9	1	3	4
October11	5.30	10	10	8	7	5	5	9	6	9	1	3	4
October12	5.50	10	10	8	7	6	5	9	6	10	1	3	4
October13	5.70	11	10	8	7	6	6	10	7	10	1	4	5
October14	6.00	11	11	9	8	6	6	10	7	10	1	4	5
October15	6.20	11	11	9	8	6	6	10	7	10	1	4	5

Calendar Date	KPAH	KBRL	KIRK	KMCI	KMWA	KPAH	KPOF	KSPI	KSTL	KUIN	KCSG	KGVL	DYERSBURG
October16	6.50	12	12	9	8	7	6	11	7	11	1	4	5
October17	6.80	12	12	10	8	7	7	11	8	11	2	5	6
October18	7.10	12	12	10	9	7	7	11	8	11	2	5	6
October19	7.40	13	13	10	9	7	7	11	8	12	2	5	6
October20	7.80	13	13	10	9	8	8	12	8	12	2	5	7
October21	8.10	13	13	11	9	8	8	12	9	12	2	6	7
October22	8.50	14	14	11	10	9	9	12	9	12	3	6	8
October23	8.80	14	14	11	10	9	9	12	9	13	3	6	8
October24	9.20	14	15	12	10	9	9	13	10	13	3	7	8
October25	9.50	15	15	12	11	10	10	13	10	13	3	7	9
October26	9.80	15	15	12	11	10	10	13	10	14	4	7	9
October27	10.20	16	16	13	11	10	10	14	10	14	4	8	10
October28	10.60	16	16	13	12	11	11	14	11	14	4	8	10
October29	11.00	16	17	13	12	11	11	14	11	15	4	8	10
October30	11.30	17	17	14	12	11	12	15	11	15	5	9	11
October31	11.70	17	18	14	13	12	12	15	12	15	5	9	11
November1	12.10	18	18	14	13	12	12	15	12	16	5	9	12
November2	12.40	18	18	15	13	12	13	16	12	16	5	10	12
November3	12.80	19	19	15	13	13	13	16	13	17	6	10	12
November4	13.20	19	19	16	14	13	14	17	13	17	6	10	13
November5	13.50	19	20	16	14	14	14	17	14	17	6	10	13
November6	13.90	20	20	17	14	14	14	17	14	18	6	11	13
November7	14.20	20	21	17	15	14	15	18	14	18	7	11	14
November8	14.60	21	21	18	15	15	15	18	15	19	7	11	14
November9	14.90	21	21	18	16	15	15	19	15	19	7	12	14
November10	15.30	22	22	19	16	15	16	19	16	20	7	12	15
November11	15.70	23	22	19	16	16	16	20	16	20	8	12	15
November12	16.00	23	23	19	17	16	17	20	17	21	8	12	15
November13	16.40	24	23	20	17	16	17	21	17	21	8	13	16
November14	16.70	24	23	21	17	17	17	21	17	22	8	13	16
November15	17.10	25	24	21	18	17	18	21	18	22	8	13	16
November16	17.40	25	24	22	18	17	18	22	18	23	9	14	17
November17	17.80	26	25	22	19	18	18	22	19	23	9	14	17
November18	18.10	26	25	23	19	18	19	23	19	24	9	14	17
November19	18.50	27	26	23	19	19	19	24	20	24	9	14	18
November20	18.80	27	26	24	20	19	19	24	20	25	10	15	18
November21	19.10	28	26	24	20	19	20	25	21	25	10	15	18
November22	19.50	29	27	25	21	20	20	25	21	26	10	15	18
November23	19.80	29	27	25	21	20	20	26	22	26	10	15	19
November24	20.10	30	28	26	22	20	21	26	22	27	11	16	19
November25	20.40	30	28	26	22	20	21	27	23	27	11	16	19
November26	20.70	31	28	27	22	21	21	27	23	28	11	16	20
November27	21.00	31	29	27	23	21	22	28	24	28	11	16	20
November28	21.30	32	29	28	23	21	22	28	24	29	11	17	20
November29	21.60	32	29	28	24	22	22	29	25	29	12	17	20
November30	21.90	33	30	29	24	22	23	29	25	30	12	17	21
December1	22.20	33	30	29	25	22	23	30	26	30	12	17	21
December2	22.50	34	30	30	25	23	23	30	26	31	12	18	21
December3	22.70	34	31	30	25	23	23	30	26	31	12	18	21
December4	23.00	35	31	30	26	23	24	31	27	32	13	18	21
December5	23.20	35	31	31	26	23	24	31	27	32	13	18	22
December6	23.50	35	32	31	27	24	24	32	28	32	13	18	22
December7	23.70	36	32	31	27	24	24	32	28	33	13	19	22
December8	24.00	36	32	32	27	24	25	33	28	33	13	19	22
December9	24.20	37	33	32	28	24	25	33	29	34	14	19	22
December10	24.40	37	33	32	28	24	25	33	29	34	14	19	23
December11	24.70	37	33	33	28	25	25	34	29	34	14	19	23
December12	24.90	38	34	33	29	25	26	34	30	35	14	20	23

Calendar Date	KPAH	KBRL	KIRK	KMCI	KMWA	KPAH	KPOF	KSPI	KSTL	KUIN	KCSG	KGVL	DYERSBURG
December13	25.10	38	34	33	29	25	26	34	30	35	14	20	23
December14	25.30	38	34	34	29	25	26	35	30	35	14	20	23
December15	25.50	38	34	34	29	26	26	35	31	35	15	20	24
December16	25.70	39	35	34	30	26	26	35	31	36	15	20	24
December17	25.90	39	35	34	30	26	27	35	31	36	15	21	24
December18	26.10	39	35	35	30	26	27	36	31	36	15	21	24
December19	26.30	39	35	35	30	26	27	36	31	36	15	21	24
December20	26.40	40	36	35	31	26	27	36	32	37	15	21	24
December21	26.60	40	36	35	31	27	27	36	32	37	15	21	24
December22	26.80	40	36	35	31	27	27	37	32	37	16	21	25
December23	26.90	40	36	35	31	27	28	37	32	37	16	21	25
December24	27.10	40	37	35	32	27	28	37	32	37	16	22	25
December25	27.30	40	37	36	32	27	28	37	33	38	16	22	25
December26	27.40	41	37	36	32	27	28	37	33	38	16	22	25
December27	27.60	41	37	36	32	28	28	37	33	38	16	22	25
December28	27.70	41	37	36	32	28	28	37	33	38	16	22	25
December29	27.90	41	38	36	32	28	28	38	33	38	16	22	26
December30	28.00	41	38	36	32	28	29	38	33	38	17	22	26
December31	28.20	41	38	36	32	28	29	38	33	38	17	22	26