

Observations at Hourly Intervals																															
1	2	3	4	5	6	7	8	9	10		1	2	3	4	5	6	7	8	9	10		1	2	3	4	5	6	7	8	9	10
10/01									0	10/11												10/22									
01	63	61	94	00	00	29.78	0.00	0	65	17	86	58	39	18	06	29.65	0.00	59	82	09											
02	64	62	94	18	03	29.78	0.00	0	65	18	82	58	43	18	02	29.64	0.00	9	80	10											
03	64	62	94	20	02	29.79	0.00	0	65	19	79	57	47	18	06	29.66	0.00	0	78	11											
04	63	62	94	29	04	29.81	0.00	0	64	20	77	57	50	16	05	29.66	0.00	0	77	12											
05	62	57	84	36	11	29.84	0.00	0	64	21	76	57	51	18	06	29.66	0.00	0	76	13											
06	60	52	74	34	12	29.90	0.00	0	64	22	76	57	51	18	09	29.66	0.00	0	75	14											
07	58	48	70	36	08	29.94	0.00	17	63	23	75	57	54	18	06	29.67	0.00	0	74	15											
08	58	44	59	34	12	29.98	0.00	117	62	24	74	58	57	18	06	29.66	0.00	0	73	16											
09	59	45	59	34	12	30.01	0.00	258	62	10/12										17											
10	59	45	59	02	10	30.01	0.00	271	62	01	72	58	60	18	05	29.66	0.00	0	73	18											
11	60	46	59	34	08	30.03	0.00	266	63	02	68	58	70	18	05	29.65	0.00	0	72	19											
12	62	45	53	32	09	30.07	0.00	340	63	03	65	57	75	20	03	29.65	0.00	0	72	20											
13	62	45	52	34	05	30.04	0.00	311	64	04	64	56	75	36	05	29.65	0.00	0	71	21											
14	65	40	40	34	11	30.05	0.00	551	65	05	62	55	79	27	01	29.66	0.00	0	70	22											
15	65	40	40	32	11	30.06	0.00	518	68	06	59	54	83	27	03	29.67	0.00	0	69	23											
16	65	38	37	34	11	30.05	0.00	315	67	07	58	54	85	29	03	29.68	0.00	7	68	24											
17	64	36	36	34	09	30.07	0.00	80	69	08	60	56	85	00	00	29.69	0.00	128	67	10/23											
18	61	39	44	29	04	30.09	0.00	17	68	09	65	57	75	11	04	29.67	0.00	313	67	01											
19	58	40	51	32	02	30.12	0.00	0																							

1	2	3	4	5	6	7	8	9	10		1	2	3	4	5	6	7	8	9	10		1	2	3	4	5	6	7	8	9	10
10/02											10/13											10/23									
09	53	41	64	32	05	30.37	0.00	416	57		01	56	51	83	32	08	29.79	0.00	0	66		17									
10	57	40	54	02	07	30.38	0.00	568	58		02	55	51	87	29	11	29.80	0.00	0	66		18									
11	58	39	49	34	07	30.38	0.00	670	59		03	54	49	85	32	08	29.81	0.00	0	65		19									
12	59	38	45	34	08	30.37	0.00	693	60		04	53	48	82	32	09	29.81	0.00	0	65		20									
13	60	39	45	18	04	30.35	0.00	687	63		05	53	48	82	32	06	29.84	0.00	0	64		21									
14	61	38	43	16	05	30.33	0.00	568	65		06	52	47	82	32	04	29.86	0.00	0	64		22									
15	62	37	40	29	03	30.32	0.00	463	66		07	52	46	81	32	05	29.88	0.00	3	63		23									
16	61	38	43	07	02	30.30	0.00	211	64		08	52	46	80	32	09	29.90	0.00	34	63		24									
17	60	36	41	00	00	30.30	0.00	76	67		09	53	46	78	32	10	29.94	0.00	90	62		10/24									
18	57	41	57	00	00	30.28	0.00	19	65		10	53	46	76	34	07	29.93	0.00	130	62		01									
19	53	43	68	00	00	30.29	0.00	0	64		11	55	47	74	27	06	29.93	0.00	228	62		02									
20	52	44	73	00	00	30.29	0.00	0	62		12	55	47	74	27	08	29.94	0.00	217	63		03									
21	53	45	74	00	00	30.29	0.00	0	62		13	56	47	72	32	04	29.93	0.00	252	63		04									
22	53	44	71	00	00	30.29	0.00	0	62		14	57	47	69	32	08	29.92	0.00	258	63		05									
23	54	43	66	14	03	30.28	0.00	0	61		15	56	46	69	32	07	29.93	0.00	202	64		06									
24	54	42	64	14	05	30.27	0.00	0	61		16	56	46	69	29	12	29.94	0.00	132	64		07									
10/03											17	55	47	73	34	05	29.95	0.01	22	63		08									
01	54	42	63	16	02	30.26	0.00	0	60		18	54	48	81	29	04	29.99	0.04	2	63		09									
02	54	40	60	14	07	30.25	0.00	0	60		19	52	47	81	34	07	30.00	0.01	0	62		10									
03	55	41	59	14	07	30.22	0.00	0	60		20	52	46	81	02	02	30.01	0.00	0	62		11									
04	55	41	60	14	06	30.21	0.00	0	60		21	52	46	78	36	06	30.03	0.00	0	62		12									
05	54	41	61	16	08	30.20	0.00	0	60		22	53	45	76	02	04	30.06	0.00	0	61		13									
06	54	41	61	16	10	30.19	0.00	0	59		23	52	44	75	34	08	30.07	0.00	0	61		14									
07	55	41	60	16	12	30.18	0.00	10	59		24	51	44	75	34	08	30.07	0.00	0	61		15									
08	56	41	58	16	12	30.17	0.00	79	59		10/14											16									
09	57	44	61	18	13	30.14	0.00	223	58		01	51	44	76	36	05	30.09	0.00	0	60		17									
10	63	43	49	18	22	30.10	0.00	543	59		02	50	45	82	34	09	30.10	0.00	0	60		18									
11	66	43	42	18	19	30.08	0.00	636	61		03	50	44	80	36	09	30.11	0.00	0	60		19									
12	67	43	42	18	13	30.10	0.00	572	62		04	50	43	78	36	10	30.12	0.00	0	60		20									
13	71	43	37	18	15	30.06	0.00	651	64		05	50	43	78	02	08	30.14	0.00	0	60		21									
14	69	43	39	18	09	30.03	0.00	338	65		06	49	43	79	36	10	30.17	0.00	0	59		22									
15	69	46	43	18	11	30.01	0.00	212	65		07	49	43	80	34	11	30.19	0.00	2	59		23									
16	68	46	45	18	09	30.02	0.00	79	65		08	49	43	79	36	09	30.21	0.00	24	59		24									

1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
10/03										10/14										10/25									
17	61	52	71	34	07	30.00	0.02	18	64	09	50	43	78	36	09	30.22	0.00	66	59	01									
18	58	53	82	32	01	30.03	0.02	11	64	10	50	43	76	34	07	30.23	0.00	99	59	02									
19	57	52	84	20	07	30.06	0.00	0	63	11	50	43	76	34	08	30.23	0.00	140	59	03									
20	58	53	84	32	05	30.08	0.00	0	62	12	52	43	70	29	07	30.23	0.00	283	59	04									
21	57	52	84	32	03	30.08	0.00	0	62	13	53	43	68	11	07	30.22	0.00	294	60	05									
22	56	52	86	29	04	30.09	0.00	0	61	14	54	44	69	36	04	30.21	0.00	283	60	06									
23	56	52	86	32	05	30.10	0.00	0	61	15	54	43	68	32	04	30.21	0.00	307	62	07									
24	58	51	80	29	11	30.13	0.00	0	61	16	54	43	65	11	03	30.21	0.00	202	64	08									
10/04										17	53	43	67	09	02	30.21	0.00	59	64	09									
01	56	50	81	29	07	30.14	0.00	0	60	18	51	42	73	00	00	30.20	0.00	11	63	10									
02	55	49	79	32	04	30.15	0.00	0	60	19	48	41	79	00	00	30.21	0.00	0	62	11									
03	53	48	82	29	03	30.17	0.00	0	60	20	46	40	80	00	00	30.20	0.00	0	60	12									
04	52	47	83	29	05	30.19	0.00	0	59	21	44	40	85	00	00	30.20	0.00	0	60	13									
05	51	46	84	29	03	30.22	0.00	0	59	22	44	41	87	00	00	30.19	0.00	0	59	14									
06	49	45	85	32	03	30.24	0.00	0	58	23	43	40	87	00	00	30.18	0.00	0	58	15									
07	49	45	87	29	03	30.26	0.00	10	58	24	43	40	89	00	00	30.19	0.00	0	58	16									
08	52	47	82	32	06	30.29	0.00	145	58	10/15										17									
09	56	46	69	34	08	30.30	0.00	391	58	01	46	44	91	36	02	30.20	0.00	0	58	18									
10	59	47	63	32	08	30.30	0.00	539	58	02	47	44	88	02	02	30.20	0.00	0	57	19									
11	62	48	61	29	06	30.30	0.00	639	60	03	48	44	87	36	01	30.16	0.00	0	57	20									
12	64	47	53	29	07	30.28	0.00	685	61	04	48	44	85	02	03	30.16	0.00	0	57	21									
13	67	46	47	32	09	30.26	0.00	676	64	05	49	45	85	00	00	30.15	0.00	0	57	22									
14	68	46	46	32	10	30.24	0.00	621	65	06	49	45	84	00	00	30.14	0.00	0	57	23									
15	68	45	43	34	09	30.23	0.00	484	69	07	50	45	85	05	02	30.12	0.00	0	57	24									
16	67	45	45	34	08	30.22	0.00	244	71	08	50	46	86	34	02	30.11	0.00	10	57	10/26									
17	66	43	44	32	04	30.22	0.00	32	72	09	50	47	89	36	03	30.09	0.06	23	57	01									
18	62	45	53	00	00	30.22	0.00	13	70	10	50	47	90	34	03	30.09	0.10	21	57	02									
19	55	43	65	00	00	30.24	0.00	0	68	11	50	47	91	02	03	30.07	0.13	47	57	03									
20	51	45	78	00	00	30.25	0.00	0	66	12	49	46	90	34	07	30.05	0.05	42	57	04									
21	49	44	81	00	00	30.26	0.00	0	65	13	49	45	89	32	13	30.02	0.08	65	57	05									
22	48	44	85	00	00	30.27	0.00	0	64	14	48	45	90	29	10	30.01	0.08	66	56	06									
23	47	43	87	00	00	30.28	0.00	0	62	15	48	45	90	32	08	30.03	0.06	45	56	07									
24	46	43	87	00	00	30.29	0.00	0	62	16	48	45	91	32	07	30.00	0.13	39	56	08									

1	2	3	4	5	6	7	8	9	10		1	2	3	4	5	6	7	8	9	10		1	2	3	4	5	6	7	8	9	10
10/05											10/15											10/26									
01	45	42	89	00	00	30.30	0.00	0	61		17	48	46	91	29	07	30.02	0.00	30	56		09									
02	45	42	90	00	00	30.30	0.00	0	60		18	49	46	91	32	10	30.02	0.01	1	55		10									
03	44	41	90	00	00	30.29	0.00	0	60		19	49	45	87	32	09	30.02	0.00	0	56		11									
04	43	41	90	00	00	30.29	0.00	0	59		20	48	41	75	29	11	30.03	0.00	0	56		12									
05	42	40	90	00	00	30.30	0.00	0	58		21	46	39	77	29	09	30.04	0.00	0	55		13									
06	42	39	91	00	00	30.30	0.00	0	58		22	46	40	80	32	10	30.05	0.00	0	55		14									
07	42	40	92	00	00	30.32	0.00	10	57		23	45	40	82	29	10	30.05	0.00	0	55		15									
08	49	44	83	11	02	30.32	0.00	147	57		24	46	41	84	32	09	30.06	0.00	0	54		16									
09	54	46	72	16	05	30.32	0.00	351	57		10/16											17									
10	57	46	67	11	03	30.31	0.00	521	58		01	45	42	88	29	10	30.07	0.04	0	54		18									
11	61	48	62	14	08	30.29	0.00	674	59		02	46	43	87	29	12	30.08	0.00	0	54		19									
12	64	45	50	14	10	30.26	0.00	612	61		03	48	43	84	32	18	30.10	0.00	0	54		20									
13	66	45	46	14	09	30.21	0.00	675	63		04	48	43	84	32	17	30.16	0.00	0	54		21									
14	69	46	44	14	09	30.18	0.00	604	66		05	47	42	81	36	17	30.21	0.00	0	54		22									
15	68	45	43	14	11	30.14	0.00	356	66		06	46	41	81	36	19	30.26	0.00	0	54		23									
16	69	44	41	14	13	30.11	0.00	301	69		07	47	40	77	36	20	30.32	0.00	3	54		24									
17	68	45	44	14	11	30.08	0.00	60	70		08	46	38	73	34	21	30.38	0.00	61	54		10/27									
18	65	45	47	14	05	30.05	0.00	17	69		09	47	38	70	34	19	30.41	0.00	176	54		01									
19	63	45	51	14	05	30.03	0.00	0	66		10	47	37	68	36	16	30.45	0.00	222	54		02									
20	60	45	56	16	03	30.03	0.00	0	65		11	50	37	60	34	16	30.47	0.00	489	54		03									
21	60	44	55	16	07	30.01	0.00	0	64		12	51	34	52	34	21	30.48	0.00	668	55		04									
22	59	44	57	16	07	30.00	0.00	0	63		13	52	32	46	34	13	30.49	0.00	636	57		05									
23	59	45	59	16	06	29.98	0.00	0	63		14											06									
24	57	45	64	18	02	29.96	0.00	0	62		15											07									
10/06											16											08									
01	57	46	66	18	05	29.94	0.00	0	62		17											09									
02	59	47	64	16	08	29.91	0.00	0	61		18											10									
03	60	47	64	18	08	29.89	0.00	0	61		19											11									
04	60	47	63	18	09	29.87	0.00	0	61		20											12									
05	60	48	64	18	11	29.85	0.00	0	61		21											13									
06	60	48	65	18	10	29.84	0.00	0	61		22											14									
07	59	48	66	18	09	29.83	0.00	12	61		23											15									
08	61	49	64	18	14	29.82	0.00	158	60		24											16									

1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
10/07										10/18										10/29									
17	69	44	40	29	07	29.92	0.00	46	72	09										01									
18	66	43	44	32	04	29.93	0.00	11	71	10										02									
19	62	43	50	32	02	29.95	0.00	0	69	11										03									
20	60	42	51	29	03	29.97	0.00	0	67	12										04									
21	56	43	61	29	01	29.98	0.00	0	66	13										05									
22	55	42	60	29	04	29.99	0.00	0	65	14										06									
23	57	40	54	00	00	30.00	0.00	0	65	15										07									
24	55	40	57	27	03	30.01	0.00	0	64	16										08									
10/08										17										09									
01	54	39	56	29	02	30.03	0.00	0	64	18										10									
02	52	40	63	32	03	30.04	0.00	0	63	19										11									
03	51	40	67	29	02	30.04	0.00	0	62	20										12									
04	50	40	68	29	02	30.05	0.00	0	62	21										13									
05	50	40	68	29	04	30.07	0.00	0	61	22										14									
06	49	40	72	00	00	30.09	0.00	0	60	23										15									
07	48	41	74	29	03	30.10	0.00	17	60	24										16									
08	51	42	71	27	02	30.11	0.00	112	60	10/19										17									
09	56	43	63	36	02	30.12	0.00	309	60	01										18									
10	60	44	56	32	03	30.13	0.00	481	61	02										19									
11	63	46	53	16	05	30.13	0.00	471	62	03										20									
12	64	41	43	16	06	30.13	0.00	340	63	04										21									
13	64	41	43	20	03	30.10	0.00	347	63	05										22									
14	66	40	38	32	07	30.08	0.00	512	65	06										23									
15	66	40	39	36	03	30.07	0.00	248	66	07										24									
16	65	42	43	05	01	30.07	0.00	139	66	08										10/30									
17	63	45	52	00	00	30.06	0.00	49	65	09										01									
18	59	44	57	00	00	30.06	0.00	13	64	10										02									
19	56	43	63	00	00	30.07	0.00	0	64	11										03									
20	53	44	71	00	00	30.08	0.00	0	63	12										04									
21	51	42	73	00	00	30.10	0.00	0	62	13										05									
22	50	45	81	00	00	30.10	0.00	0	62	14										06									
23	52	45	77	00	00	30.08	0.00	0	62	15										07									
24	50	44	79	05	01	30.08	0.00	0	61	16										08									

[illegible]

1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
10/10										10/21										10/31									
09	74	57	56	18	12	29.72	0.00	356	64	01										17									
10	78	57	49	18	11	29.74	0.00	500	65	02										18									
11	82	58	44	18	17	29.74	0.00	597	68	03										19									
12	85	57	39	18	22	29.73	0.00	638	70	04										20									
13	88	57	36	18	18	29.70	0.00	619	72	05										21									
14	89	57	34	18	18	29.68	0.00	543	75	06										22									
15	89	55	32	18	18	29.67	0.00	421	77	07										23									
16	88	55	33	16	15	29.66	0.00	160	82	08										24									
17	86	54	34	18	15	29.66	0.00	46	81	09										AVG									
18	82	55	40	16	09	29.69	0.00	9	79	10										01	56	48	75		4	29.99	0.04	0	63
19	78	55	45	18	10	29.71	0.00	0	77	11										02	55	48	77		6	29.99	0.00	0	62
20	77	56	47	14	13	29.71	0.00	0	75	12										03	54	47	78		5	29.99	0.00	0	62
21	76	56	50	16	12	29.72	0.00	0	74	13										04	54	47	78		6	30.00	0.00	0	62
22	76	58	54	18	18	29.72	0.00	0	73	14										05	53	46	77		6	30.01	0.00	0	61
23	75	58	55	18	18	29.72	0.00	0	73	15										06	53	46	77		6	30.02	0.00	0	61
24	74	58	57	18	14	29.72	0.00	0	72	16										07	53	45	77		6	30.04	0.00	9	60
10/11										17										08	55	46	73		8	30.05	0.00	110	60
01	73	58	60	20	11	29.72	0.00	0	71	18										09	58	47	67		9	30.06	0.06	276	60
02	70	59	67	20	16	29.71	0.00	0	71	19										10	61	47	62		9	30.05	0.10	395	61
03	71	58	63	18	10	29.71	0.00	0	70	20										11	64	48	58		10	30.05	0.13	493	62
04	70	57	64	18	10	29.71	0.00	0	70	21										12	65	47	53		11	30.04	0.05	524	63
05	69	57	65	18	11	29.71	0.00	0	69	22										13	67	47	50		10	30.02	0.08	524	65
06	68	56	66	18	11	29.72	0.00	0	68	23										14	69	47	48		10	29.97	0.08	471	68
07	67	56	68	18	09	29.72	0.00	8	68	24										15	69	47	47		10	29.97	0.06	358	69
08	69	57	66	18	11	29.73	0.00	130	68	10/22										16	69	47	48		9	29.96	0.13	184	70
09	72	57	59	18	09	29.74	0.00	353	68	01										17	67	48	52		7	29.95	0.03	50	70
10	76	57	51	18	15	29.73	0.00	473	68	02										18	64	48	59		4	29.96	0.07	11	69
11	80	58	47	18	10	29.72	0.00	648	69	03										19	60	47	64		4	29.97	0.01	0	67
12	82	58	44	18	08	29.71	0.00	673	73	04										20	58	47	67		4	29.98	0.00	0	66
13	86	60	41	18	13	29.69	0.00	635	78	05										21	57	47	70		4	29.99	0.00	0	65
14	88	59	37	20	17	29.67	0.00	527	83	06										22	57	47	71		6	30.00	0.00	0	64
15	89	59	36	18	18	29.66	0.00	403	85	07										23	57	47	71		6	30.00	0.00	0	64
16	88	59	37	18	11	29.65	0.00	165	83	08										24	56	47	72		6	30.00	0.00	0	63