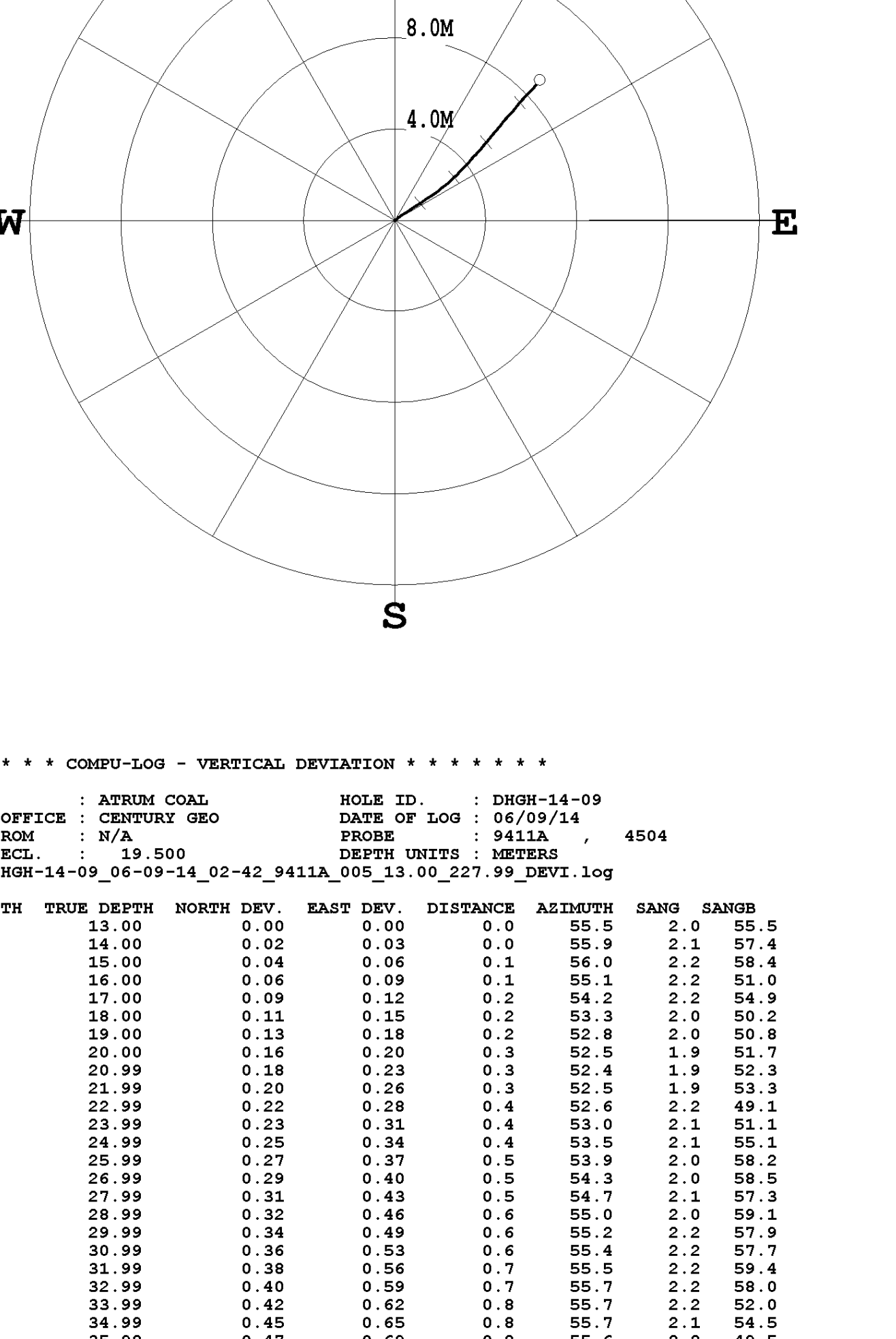
PLAN VIEW
COMPU-LOG DEVIATION

CLIENT: ATRUM COAL
LOCATION: GROUNDHOG
HOLE ID: DHGH-14-09
DATE OF LOG: 06/09/14
PROBE: 9411A 4504

MAG DECL: 19.5

SCALE: 2 M/CM
TRUE DEPTH: 227.80 M
AZIMUTH: 46.0
DISTANCE: 8.8 M
+ = 50 M INCR
○ = BOTTOM OF HOLE



* * * * * * * COMPU-LOG - VERTICAL DEVIATION * * * * * * *

CLIENT : ATRUM COAL
FIELD OFFICE : CENTURY GEO
DATA FROM : N/A
MAG. DECL. : 19.500
LOG: DHGH-14-09_06-09-14_02-42_9411A_005_13.00_227.99_DEVI.log

HOLE ID. : DHGH-14-09
DATE OF LOG : 06/09/14
PROBE : 9411A , 4504
DEPTH UNITS : METERS

CABLE DEPTH	TRUE DEPTH	NORTH DEV.	EAST DEV.	DISTANCE	AZIMUTH	SANG	SANGH
13.00	13.00	0.00	0.00	0.0	55.5	2.0	55.5
14.00	14.00	0.02	0.03	0.0	55.9	2.2	57.4
15.00	15.00	0.04	0.06	0.1	56.0	2.2	58.4
16.00	16.00	0.06	0.09	0.1	55.1	2.2	53.0
17.00	17.00	0.09	0.12	0.2	54.2	2.2	54.9
18.00	18.00	0.11	0.15	0.2	53.3	2.0	50.2
19.00	19.00	0.13	0.18	0.2	52.8	2.0	50.8
20.00	20.00	0.16	0.20	0.3	52.5	1.9	51.7
21.00	20.99	0.18	0.23	0.3	52.4	1.9	52.3
22.00	21.99	0.20	0.26	0.3	52.5	1.9	53.3
23.00	22.99	0.22	0.28	0.4	52.6	2.2	49.1
24.00	23.99	0.23	0.31	0.4	53.0	2.1	51.1
25.00	24.99	0.25	0.34	0.4	53.5	2.1	55.1
26.00	25.99	0.27	0.37	0.5	53.9	2.0	54.2
27.00	26.99	0.29	0.40	0.5	54.3	2.0	58.5
28.00	27.99	0.31	0.43	0.5	54.7	2.1	57.3
29.00	28.99	0.32	0.46	0.6	55.0	2.2	59.1
30.00	29.99	0.34	0.49	0.6	55.2	2.2	57.9
31.00	30.99	0.36	0.53	0.6	55.4	2.2	57.7
32.00	31.99	0.38	0.56	0.7	55.5	2.2	59.4
33.00	32.99	0.40	0.59	0.7	55.7	2.2	58.0
34.00	33.99	0.42	0.62	0.8	55.7	2.2	52.0
35.00	34.99	0.45	0.65	0.8	55.7	2.1	54.5
36.00	35.98	0.47	0.69	0.8	55.6	2.2	49.5
37.00	36.98	0.49	0.72	0.9	55.4	2.2	53.6
38.00	37.98	0.52	0.74	0.9	55.3	2.1	53.0
39.00	38.98	0.54	0.77	0.9	55.2	2.1	54.2
40.00	39.98	0.56	0.80	1.0	55.2	1.9	55.1
41.00	40.98	0.58	0.83	1.0	55.2	1.9	57.5
42.00	41.98	0.59	0.86	1.0	55.3	2.0	59.8
43.00	42.98	0.61	0.89	1.1	55.4	2.1	54.7
44.00	43.98	0.63	0.92	1.1	55.6	2.1	52.1
45.00	44.98	0.65	0.95	1.1	55.7	2.1	59.6
46.00	45.98	0.67	0.98	1.2	55.8	2.1	60.0
47.00	46.98	0.68	1.01	1.2	55.9	2.1	59.2
48.00	47.98	0.70	1.04	1.3	56.0	2.2	59.8
49.00	48.98	0.72	1.08	1.3	56.1	2.2	58.5
50.00	49.98	0.75	1.11	1.3	56.2	2.3	58.1
51.00	50.97	0.77	1.15	1.4	56.2	2.3	56.9
52.00	51.97	0.79	1.18	1.4	56.2	2.3	55.0
53.00	52.97	0.81	1.21	1.5	56.2	2.2	55.8
54.00	53.97	0.84	1.24	1.5	56.0	2.3	51.0
55.00	54.97	0.86	1.27	1.5	55.9	2.2	53.6
56.00	55.97	0.88	1.30	1.6	55.8	2.0	53.3
57.00	56.97	0.90	1.33	1.6	55.8	2.0	55.3
58.00	57.97	0.92	1.36	1.6	55.8	2.0	58.0
59.00	58.97	0.94	1.39	1.7	55.8	2.0	57.8
60.00	59.97	0.96	1.42	1.7	55.8	2.0	58.8
61.00	60.97	0.98	1.45	1.7	55.9	2.0	56.8
62.00	61.97	1.00	1.48	1.8	55.9	2.0	55.4
63.00	62.97	1.02	1.51	1.8	55.9	2.0	55.4
64.00	63.97	1.04	1.53	1.9	55.9	2.0	58.4
65.00	64.97	1.05	1.56	1.9	56.0	2.0	58.8
66.00	65.96	1.07	1.59	1.9	56.1	2.0	58.5
67.00	66.96	1.09	1.63	2.0	56.1	2.1	58.9
68.00	67.96	1.11	1.66	2.0	56.2	2.1	56.2
69.00	68.96	1.13	1.69	2.0	56.2	2.1	56.5
70.00	69.96	1.15	1.72	2.1	56.2	2.2	57.0
71.00	70.96	1.17	1.75	2.1	56.2	2.3	56.3
72.00	71.96	1.19	1.79	2.1	56.2	2.3	55.9
73.00	72.96	1.22	1.82	2.2	56.2	2.3	53.5
74.00	73.96	1.24	1.85	2.2	56.1	2.3	52.5
75.00	74.96	1.27	1.88	2.3	56.1	2.3	38.8
76.00	75.96	1.29	1.91	2.3	55.9	2.3	49.3
77.00	76.96	1.32	1.94	2.3	55.7	2.2	47.3
78.00	77.96	1.35	1.97	2.4	55.6	2.2	47.7
79.00	78.96	1.37	2.00	2.4	55.5	2.0	49.2
80.00	79.95	1.39	2.02	2.5	55.4	2.0	50.0
81.00	80.95	1.42	2.05	2.5	55.4	2.0	51.8
82.00	81.95	1.44	2.08	2.5	55.3	2.0	54.3
83.00	82.95	1.46	2.11	2.6	55.3	2.0	55.6
84.00	83.95	1.48	2.13	2.6	55.3	2.0	54.4
85.00	84.95	1.50	2.16	2.6	55.3	2.1	54.3
86.00	85.95	1.52	2.19	2.7	55.3	2.1	54.8
87.00	86.95	1.54	2.23	2.7	55.3	2.3	55.0
88.00	87.95	1.57	2.26	2.7	55.2	2.4	52.4
89.00	88.95	1.59	2.29	2.8	55.2	2.3	54.2
90.00	89.95	1.62	2.32	2.8	55.1	2.3	48.9
91.00	90.95	1.65	2.35	2.9	55.0	2.4	45.9
92.00	91.95	1.68	2.38	2.9	54.8	2.3	42.6
93.00	92.94	1.71	2.41	3.0	54.6	2.3	40.5
94.00	93.94	1.73	2.43	3.0	54.5	2.1	42.1
95.00	94.94	1.76	2.46	3.0	54.4	2.1	47.2
96.00	95.94	1.78	2.48	3.1	54.3	2.0	49.0
97.00	96.94	1.81	2.51	3.1	54.3	2.1	48.8
98.00	97.94	1.83	2.54	3.1	54.2	2.1	49.2
99.00	98.94	1.86	2.57	3.2	54.1	2.2	49.1
100.00	99.94	1.88	2.60	3.2	54.1	2.2	49.5
101.00	100.94	1.91	2.63	3.2	54.0	2.4	49.1
102.00	101.94	1.93	2.66	3.3	53.9	2.4	47.7
103.00	102.94	1.96	2.69	3.3	53.9	2.4	48.0
104.00	103.94	1.99	2.72	3.4	53.8	2.3	47.7
105.00	104.94	2.02	2.75	3.4	53.7	2.6	42.5
106.00	105.93	2.05	2.78	3.5	53.5	2.6	37.9
107.00	106.93	2.09	2.81	3.5	53.4	2.4	37.3
108.00	107.93	2.12	2.83	3.5	53.2	2.3	40.0
109.00	108.93	2.15	2.86	3.6	53.1	2.3	39.7
110.00	109.93	2.18	2.88	3.6	52.9	1.9	34.3
111.00	110.93	2.21	2.91	3.7	52.8	2.2	44.3
112.00	111.93	2.23	2.94	3.7	52.7	2.2	46.4
113.00	112.93	2.26	2.96	3.7	52.7	2.2	45.0
114.00	113.93	2.29	2.99	3.8	52.6	2.2	48.4
115.00	114.93	2.31	3.02	3.8	52.6	2.3	47.8
116.00	115.93	2.34	3.05	3.8	52.5	2.4	47.9
117.00	116.93	2.37	3.08	3.9	52.4	2.5	45.5
118.00	117.93	2.40	3.11	3.9	52.3	2.5	45.5
119.00	118.92	2.43	3.14	4.0	52.3	2.6	45.0
120.00	119.92	2.46	3.18	4.0	52.2	2.6	44.4
121.00	120.92	2.50	3.21	4.1	52.1	2.7	40.4
122.00	121.92	2.53	3.24	4.1	52.0	2.6	38.8
123.00	122.92	2.57	3.26	4.2	51.8	2.5	38.3
124.00	123.92	2.60	3.29	4.2	51.7	2.5	35.0
125.00	124.92	2.63	3.32	4.2	51.6	2.4	37.6
126.00	125.92	2.67	3.34	4.3	51.4	2.2	40.3
127.00	126.92	2.70	3.37	4.3	51.3	2.3	44.1
128.00	127.92	2.73	3.39	4.4	51.2	2.3	43.3
129.00	128.92	2.76	3.42	4.4	51.1	2.2	44.1
130.00	129.91	2.78	3.45	4.4	51.1	2.2	45.6
131.00	130.91	2.81	3.47	4.5	51.0	2.3	43.5
132.00	131.91	2.84	3.51	4.5	51.0	3.3	50.5
133.00	132.91	2.87	3.54	4.6	51.0	2.3	39.4
134.00	133.91	2.90	3.57	4.6	50.9	2.4	39.7
135.00	134.91	2.93	3.59	4.6	50.8	2.5	40.4
136.00	135.91	2.96	3.62	4.7	50.7	2.4	41.9
137.00	136.91	2.99	3.64	4.7	50.6	2.4	44.0
138.00	137.91	3.02	3.67	4.8	50.6	2.6	42.3
139.00	138.91	3.05	3.70	4.8	50.5	2.5	41.7
140.00	139.91	3.08	3.73	4.8	50.5	2.6	41.3
141.00	140.90	3.11	3.77	4.9	50.4	3.0	35.2
142.00	141.90	3.15	3.79	4.9	50.3	2.5	34.8
143.00	142.90	3.18	3.82	5.0	50.2	2.4	41.3
144.00	143.90	3.22	3.84	5.0	50.1	2.9	38.3
145.00	144.90	3.25	3.87	5.1	50.0	2.3	40.9
146.00	145.90	3.28	3.90	5.1	49.9	2.4	40.1
147.00	146.90	3.31	3.92	5.1	49.8	2.5	41.4
148.00	147.90	3.34	3.95	5.2	49.7	2.3	42.2
149.00	148.90	3.37	3.98	5.2	49.7	2.4	37.5
150.00	149.90	3.41	4.00	5.3	49.6	2.5	40.1
151.00	150.90	3.44	4.03	5.3	49.5	2.3	41.6
152.00	151.89	3.47	4.06	5.3	49.5	2.6	41.2
153.00	152.89	3.51	4.09	5.4	49.4	2.6	39.4
154.00	153.89	3.54	4.12	5.4	49.3	2.6	40.3
155.00	154.89	3.58	4.15	5.5	49.2	2.7	38.4
156.00	155.89	3.61	4.18	5.5	49.1	2.6	36.0
157.00	156.89	3.65	4.20	5.6	49.0	2.7	40.2
158.00	157.89	3.68	4.23	5.6	49.0	1.9	39.6
159.00	158.89	3.72	4.26	5.7	48.9	2.4	39.3
160.00	159.89	3.75	4.29	5.7	48.8	2.5	38.2
161.00	160.89	3.79	4.31	5.7	48.7	2.5	38.2
162.00	161.88	3.82	4.34	5.8	48.7	2.5	43.1
163.00	162.88	3.85	4.37	5.8	48.6	2.5	41.3
164.00	163.88	3.89	4.40	5.9	48.5	2.5	39.9
165.00	164.88	3.92	4.43	5.9	48.5	2.5	41.8
166.00	165.88	3.95	4.46	6.0	48.4	2.6	41.8
167.00	166.88	3.99	4.49	6.0	48.4	2.7	41.6
168.00	167.88	4.02	4.52	6.0	48.3	2.7	41.0
169.00	168.88	4.06	4.55	6.1	48.3	2.8	43.4
170.00	169.88	4.09	4.58	6.1	48.2	2.8	39.1
171.00	170.88	4.13	4.61	6.2	48.2	2.8	38.3
172.00	171.87	4.17	4.64	6.2	48.1	2.8	32.8
173.00	172.87	4.21	4.67	6.3	48.0	2.7	36.2
174.00	173.87	4.25	4.70	6.3	47.9	2.7	37.0
175.00	174.87	4.28	4.72	6.4	47.8	2.6	38.4
176.00	175.87	4.32	4.75	6.4	47.7	2.6	37.5
177.00	176.87	4.35	4.78	6.5	47.7	2.5	38.9
178.00	177.87	4.39	4.81	6.5	47.6	2.5	39.1
179.00	178.87	4.42	4.84	6.6	47.6	2.5	41.8
180.00	179.87	4.45	4.87	6.6	47.5	2.5	42.4
181.00	180.86	4.48	4.89	6.6	47.5	2.6	45.3
182.00	181.86	4.52	4.92	6.7	47.5	2.5	42.8
183.00	182.86	4.55	4.96	6.7	47.5	2.6	42.9
184.00	183.86	4.58	4.99	6.8	47.4	2.6	42.2
185.00	184.86	4.61	5.02	6.8	47.4	2.5	42.5
186.00	185.86	4.65	5.05	6.9	47.4	2.7	42.3
187.00	186.86	4.68	5.08	6.9	47.3	2.7	42.4
188.00	187.86	4.72	5.11	7.0	47.3	2.8	40.0
189.00	188.86	4.75	5.15	7.0	47.3	2.8	42.4
190.00	189.86	4.79	5.18	7.1	47.2	2.8	43.3
191.00	190.85	4.82	5.21	7.1	47.2	2.7	42.2
192.00	191.85	4.86	5.24	7.1	47.2	2.7	40.8
193.00	192.85	4.90	5.27	7.2	47.1	2.8	36.3
194.00	193.85	4.94	5.30	7.2	47.0	2.7	33.9
195.00	194.85	4.98	5.33	7.3	47.0	2.7	37.4
196.00	195.85	5.01	5.36	7.3	46.9	2.7	37.9
197.00	196.85	5.05	5.38	7.4	46.9	2.7	39.6
198.00	197.85	5.08	5.41	7.4	46.8	2.7	40.4
199.00	198.85	5.12	5.44	7.5	46.8	2.6	44.1
200.00	199.84	5.15	5.47	7.5	46.7	2.7	41.0
201.00	200.84	5.19	5.50	7.6	46.7	2.6	43.3
202.00	201.84	5.22	5.53	7.6	46.7	2.6	40.2
203.00	202.84	5.26	5.56	7.7	46.6	2.6	42.8
204.00	203.84	5.29	5.59	7.7	46.6	2.6	41.0
205.00	204.84	5.32	5.62	7.7	46.6	2.5	43.8
206.00	205.84	5.35	5.65	7.8	46.6	2.6	43.8
207.00	206.84	5.39	5.69	7.8	46.5	2.6	44.0
208.00	207.84	5.42	5.72	7.9	46.5	2.5	44.2
209.00	208.83	5.45	5.75	7.9	46.5	2.7	44.1
210.00	209.83	5.49	5.78	8.0	46.5	2.7	44.6
211.00	210.83	5.52	5.81	8.0	46.5	2.7	44.9
212.00	211.83	5.56	5.85	8.1	46.5	2.8	44.3
213.00	212.83	5.59	5.88	8.1	46.5	2.8	44.2
214.00	213.83	5.63	5.92	8.2	46.4	2.9	45.5
215.00	214.83	5.66	5.95	8.2	46.4	2.9	43.0
216.00	215.83	5.70	5.99	8.3	46.4	2.9	43.8
217.00	216.83	5.73	6.02	8.3	46.4	2.9	42.9
218.00	217.82	5.77	6.05	8.4	46.4	2.9	41.6
219.00	218.82	5.81	6.09	8.4	46.3	2.9	40.4
220.00	219.82	5.85	6.12	8.5	46.3	2.9	41.5
221.00	220.82	5.89	6.15	8.5	46.3	2.9	39.2
222.00	221.82	5.92	6.18	8.6	46.2	2.9	39.2
223.00	222.82	5.96	6.22	8.6	46.2	2.9	38.7
224.00	223.82	6.00	6.25	8.7	46.1	2.8	38.3
225.00	224.82	6.04	6.28	8.7	46.1	3.0	41.4
226.00	225.81	6.08	6.31	8.8	46.1	2.9	39.9
227.00	226.81	6.11	6.34	8.8	46.0	2.9	37.8
227.99	227.79	6.14	6.36	8.8	46.0	2.3	43.5