

苫東厚真1号機 脱気器・ドラム水位など運転データ

第3回平成30年北海道胆振東部地震に伴う
大規模停電に関する検証委員会 データ提供

単位	cm	MPa	%	mm
	脱気器水位	主蒸気圧力	加減弁開度（カム軸位置）	ドラム水位（平均）
2018/09/06 03:00:00.000	292.1	16.58	87.9	-5
2018/09/06 03:00:02.000	292.2	16.58	87.8	0
2018/09/06 03:00:04.000	292.0	16.59	87.9	4
2018/09/06 03:00:06.000	292.1	16.58	87.9	12
2018/09/06 03:00:08.000	292.2	16.58	87.9	16
2018/09/06 03:00:10.000	292.2	16.60	88.0	18
2018/09/06 03:00:12.000	292.1	16.60	87.5	15
2018/09/06 03:00:14.000	292.1	16.63	87.3	17
2018/09/06 03:00:16.000	292.0	16.63	87.3	21
2018/09/06 03:00:18.000	292.2	16.63	87.4	7
2018/09/06 03:00:20.000	292.3	16.63	87.4	9
2018/09/06 03:00:22.000	292.4	16.62	87.4	11
2018/09/06 03:00:24.000	292.3	16.63	87.5	12
2018/09/06 03:00:26.000	292.5	16.63	87.4	11
2018/09/06 03:00:28.000	292.4	16.63	87.4	11
2018/09/06 03:00:30.000	292.4	16.63	87.4	15
2018/09/06 03:00:32.000	292.6	16.63	87.5	9
2018/09/06 03:00:34.000	292.6	16.63	87.5	6
2018/09/06 03:00:36.000	292.6	16.63	87.5	2
2018/09/06 03:00:38.000	292.6	16.63	87.5	7
2018/09/06 03:00:40.000	292.4	16.63	87.5	5
2018/09/06 03:00:42.000	292.3	16.61	87.5	4
2018/09/06 03:00:44.000	292.3	16.63	87.5	10
2018/09/06 03:00:46.000	292.3	16.63	87.5	7
2018/09/06 03:00:48.000	292.3	16.63	87.6	11
2018/09/06 03:00:50.000	292.3	16.65	87.6	12
2018/09/06 03:00:52.000	292.3	16.63	87.8	15
2018/09/06 03:00:54.000	292.1	16.63	87.9	12
2018/09/06 03:00:56.000	292.1	16.63	87.8	9
2018/09/06 03:00:58.000	292.2	16.63	87.9	13
2018/09/06 03:01:00.000	292.1	16.62	88.0	8
2018/09/06 03:01:02.000	292.0	16.62	88.0	6
2018/09/06 03:01:04.000	292.1	16.63	88.1	8
2018/09/06 03:01:06.000	292.0	16.63	88.2	10
2018/09/06 03:01:08.000	292.2	16.63	88.3	7
2018/09/06 03:01:10.000	292.2	16.63	88.3	8
2018/09/06 03:01:12.000	292.0	16.63	88.3	6
2018/09/06 03:01:14.000	292.0	16.63	88.3	9
2018/09/06 03:01:16.000	291.9	16.62	88.3	12
2018/09/06 03:01:18.000	291.9	16.63	88.5	13
2018/09/06 03:01:20.000	291.9	16.63	88.7	16
2018/09/06 03:01:22.000	292.0	16.60	88.8	13
2018/09/06 03:01:24.000	291.9	16.63	88.7	16
2018/09/06 03:01:26.000	291.9	16.63	88.6	13
2018/09/06 03:01:28.000	291.9	16.63	88.7	12
2018/09/06 03:01:30.000	291.9	16.63	88.6	7
2018/09/06 03:01:32.000	291.8	16.63	88.5	3
2018/09/06 03:01:34.000	291.9	16.64	88.3	6
2018/09/06 03:01:36.000	291.8	16.64	88.3	4
2018/09/06 03:01:38.000	291.9	16.65	88.3	2
2018/09/06 03:01:40.000	291.8	16.65	88.3	7
2018/09/06 03:01:42.000	291.8	16.65	88.4	4
2018/09/06 03:01:44.000	291.9	16.63	88.5	2
2018/09/06 03:01:46.000	291.8	16.63	88.3	-2
2018/09/06 03:01:48.000	291.8	16.65	88.3	-5
2018/09/06 03:01:50.000	291.8	16.65	88.3	-2
2018/09/06 03:01:52.000	291.8	16.65	88.4	-2
2018/09/06 03:01:54.000	291.6	16.65	88.3	-5
2018/09/06 03:01:56.000	291.5	16.65	88.3	3
2018/09/06 03:01:58.000	291.6	16.64	88.3	2
2018/09/06 03:02:00.000	291.6	16.65	88.3	7
2018/09/06 03:02:02.000	291.5	16.64	88.4	2
2018/09/06 03:02:04.000	291.7	16.65	88.4	5
2018/09/06 03:02:06.000	291.7	16.65	88.5	1
2018/09/06 03:02:08.000	291.7	16.65	88.4	1
2018/09/06 03:02:10.000	291.7	16.65	88.5	-4
2018/09/06 03:02:12.000	291.7	16.64	88.5	-5
2018/09/06 03:02:14.000	291.6	16.65	88.5	-15
2018/09/06 03:02:16.000	291.6	16.64	88.5	-11

2018/09/06 03:02:18.000	291.5	16.65	88.5	-9
2018/09/06 03:02:20.000	291.5	16.65	88.5	-12
2018/09/06 03:02:22.000	291.4	16.65	88.3	-10
2018/09/06 03:02:24.000	291.5	16.65	88.3	-9
2018/09/06 03:02:26.000	291.5	16.66	88.3	-8
2018/09/06 03:02:28.000	291.5	16.64	88.3	-3
2018/09/06 03:02:30.000	291.4	16.67	88.3	-3
2018/09/06 03:02:32.000	291.5	16.67	88.3	-4
2018/09/06 03:02:34.000	291.5	16.67	88.3	-6
2018/09/06 03:02:36.000	291.4	16.67	88.3	-6
2018/09/06 03:02:38.000	291.3	16.68	88.3	-9
2018/09/06 03:02:40.000	291.3	16.67	88.3	-11
2018/09/06 03:02:42.000	291.4	16.67	88.1	-12
2018/09/06 03:02:44.000	291.1	16.67	88.2	-13
2018/09/06 03:02:46.000	291.2	16.67	88.1	-17
2018/09/06 03:02:48.000	291.2	16.67	88.2	-19
2018/09/06 03:02:50.000	291.1	16.69	88.1	-11
2018/09/06 03:02:52.000	291.2	16.69	88.2	-13
2018/09/06 03:02:54.000	291.1	16.69	88.2	-12
2018/09/06 03:02:56.000	291.1	16.69	88.2	-17
2018/09/06 03:02:58.000	291.1	16.66	88.3	-11
2018/09/06 03:03:00.000	291.1	16.67	88.6	-21
2018/09/06 03:03:02.000	291.0	16.65	88.9	-23
2018/09/06 03:03:04.000	291.0	16.65	89.0	-24
2018/09/06 03:03:06.000	291.0	16.65	89.1	-23
2018/09/06 03:03:08.000	291.0	16.65	89.1	-25
2018/09/06 03:03:10.000	290.9	16.65	89.2	-21
2018/09/06 03:03:12.000	290.8	16.65	89.2	-17
2018/09/06 03:03:14.000	290.9	16.65	89.2	-15
2018/09/06 03:03:16.000	290.8	16.65	89.3	-14
2018/09/06 03:03:18.000	290.7	16.65	89.4	-18
2018/09/06 03:03:20.000	290.7	16.65	89.4	-11
2018/09/06 03:03:22.000	290.7	16.65	89.4	-9
2018/09/06 03:03:24.000	290.7	16.65	89.4	-14
2018/09/06 03:03:26.000	290.9	16.65	89.5	-11
2018/09/06 03:03:28.000	290.8	16.64	89.5	-11
2018/09/06 03:03:30.000	290.7	16.65	89.3	-12
2018/09/06 03:03:32.000	290.8	16.65	89.4	-17
2018/09/06 03:03:34.000	290.7	16.63	89.5	-19
2018/09/06 03:03:36.000	290.8	16.62	89.6	-21
2018/09/06 03:03:38.000	290.5	16.63	89.7	-22
2018/09/06 03:03:40.000	290.5	16.63	89.6	-24
2018/09/06 03:03:42.000	290.4	16.64	89.7	-21
2018/09/06 03:03:44.000	290.5	16.63	89.7	-14
2018/09/06 03:03:46.000	290.7	16.63	89.7	-16
2018/09/06 03:03:48.000	290.6	16.62	89.8	-9
2018/09/06 03:03:50.000	290.5	16.63	89.7	-18
2018/09/06 03:03:52.000	290.8	16.63	89.7	-17
2018/09/06 03:03:54.000	290.7	16.63	89.8	-18
2018/09/06 03:03:56.000	290.9	16.63	89.7	-19
2018/09/06 03:03:58.000	290.8	16.63	89.8	-20
2018/09/06 03:04:00.000	290.8	16.63	89.7	-16
2018/09/06 03:04:02.000	291.0	16.63	89.7	-17
2018/09/06 03:04:04.000	291.0	16.63	89.7	-20
2018/09/06 03:04:06.000	291.0	16.65	89.6	-17
2018/09/06 03:04:08.000	291.0	16.65	89.6	-17
2018/09/06 03:04:10.000	290.8	16.63	89.7	-24
2018/09/06 03:04:12.000	290.9	16.63	89.8	-20
2018/09/06 03:04:14.000	291.0	16.63	90.0	-25
2018/09/06 03:04:16.000	290.9	16.63	90.1	-23
2018/09/06 03:04:18.000	291.0	16.60	90.1	-27
2018/09/06 03:04:20.000	291.1	16.60	90.3	-24
2018/09/06 03:04:22.000	291.2	16.61	90.4	-27
2018/09/06 03:04:24.000	291.1	16.60	90.4	-27
2018/09/06 03:04:26.000	291.2	16.58	90.4	-25
2018/09/06 03:04:28.000	291.2	16.59	90.4	-18
2018/09/06 03:04:30.000	291.2	16.58	90.5	-18
2018/09/06 03:04:32.000	291.4	16.58	90.6	-14
2018/09/06 03:04:34.000	291.4	16.59	90.6	-14
2018/09/06 03:04:36.000	291.5	16.58	90.6	-17
2018/09/06 03:04:38.000	291.4	16.58	90.4	-9
2018/09/06 03:04:40.000	291.4	16.58	90.5	-12
2018/09/06 03:04:42.000	291.6	16.58	90.5	-13
2018/09/06 03:04:44.000	291.5	16.58	90.6	-11
2018/09/06 03:04:46.000	291.6	16.58	90.6	-16

2018/09/06 03:04:48.000	291.7	16.58	90.7	-19
2018/09/06 03:04:50.000	291.7	16.58	90.8	-19
2018/09/06 03:04:52.000	291.7	16.58	90.7	-21
2018/09/06 03:04:54.000	291.7	16.58	90.7	-18
2018/09/06 03:04:56.000	291.7	16.58	90.8	-19
2018/09/06 03:04:58.000	291.7	16.58	90.6	-17
2018/09/06 03:05:00.000	291.9	16.58	90.7	-21
2018/09/06 03:05:02.000	291.7	16.58	90.8	-20
2018/09/06 03:05:04.000	291.6	16.58	90.7	-18
2018/09/06 03:05:06.000	291.7	16.59	90.7	-17
2018/09/06 03:05:08.000	291.6	16.58	90.7	-8
2018/09/06 03:05:10.000	291.8	16.58	90.8	-15
2018/09/06 03:05:12.000	291.7	16.58	90.8	-13
2018/09/06 03:05:14.000	291.8	16.59	90.6	-10
2018/09/06 03:05:16.000	291.8	16.58	90.5	-10
2018/09/06 03:05:18.000	291.8	16.58	90.8	-17
2018/09/06 03:05:20.000	291.8	16.58	90.9	-18
2018/09/06 03:05:22.000	291.9	16.58	90.9	-20
2018/09/06 03:05:24.000	292.0	16.58	90.7	-25
2018/09/06 03:05:26.000	292.0	16.58	90.8	-19
2018/09/06 03:05:28.000	291.9	16.58	90.7	-19
2018/09/06 03:05:30.000	291.9	16.58	90.6	-19
2018/09/06 03:05:32.000	292.0	16.58	90.6	-17
2018/09/06 03:05:34.000	291.9	16.59	90.6	-14
2018/09/06 03:05:36.000	291.9	16.58	90.7	-19
2018/09/06 03:05:38.000	291.9	16.58	90.5	-14
2018/09/06 03:05:40.000	291.8	16.58	90.4	-14
2018/09/06 03:05:42.000	291.9	16.58	90.5	-13
2018/09/06 03:05:44.000	292.0	16.58	90.5	-10
2018/09/06 03:05:46.000	291.9	16.58	90.5	-11
2018/09/06 03:05:48.000	291.9	16.59	90.4	-7
2018/09/06 03:05:50.000	291.8	16.58	90.4	-2
2018/09/06 03:05:52.000	291.8	16.58	90.4	-6
2018/09/06 03:05:54.000	291.8	16.58	90.4	-13
2018/09/06 03:05:56.000	291.8	16.58	90.4	-9
2018/09/06 03:05:58.000	291.8	16.58	90.4	-19
2018/09/06 03:06:00.000	291.7	16.58	90.4	-19
2018/09/06 03:06:02.000	291.8	16.58	90.5	-13
2018/09/06 03:06:04.000	291.6	16.58	90.5	-13
2018/09/06 03:06:06.000	291.6	16.58	90.5	-12
2018/09/06 03:06:08.000	291.7	16.58	90.5	-5
2018/09/06 03:06:10.000	291.7	16.58	90.6	-4
2018/09/06 03:06:12.000	291.7	16.59	90.5	-3
2018/09/06 03:06:14.000	291.7	16.58	90.6	-8
2018/09/06 03:06:16.000	291.4	16.58	90.6	-11
2018/09/06 03:06:18.000	291.5	16.56	90.6	-7
2018/09/06 03:06:20.000	291.7	16.59	90.6	-10
2018/09/06 03:06:22.000	291.6	16.58	90.7	-5
2018/09/06 03:06:24.000	291.6	16.58	90.7	-13
2018/09/06 03:06:26.000	291.5	16.58	90.7	-5
2018/09/06 03:06:28.000	291.6	16.58	90.6	-7
2018/09/06 03:06:30.000	291.6	16.58	90.7	-14
2018/09/06 03:06:32.000	291.6	16.58	90.6	-4
2018/09/06 03:06:34.000	291.6	16.58	90.6	-4
2018/09/06 03:06:36.000	291.5	16.58	90.6	-9
2018/09/06 03:06:38.000	291.7	16.58	90.7	-2
2018/09/06 03:06:40.000	291.5	16.59	90.7	-4
2018/09/06 03:06:42.000	291.3	16.56	90.7	-6
2018/09/06 03:06:44.000	291.3	16.56	90.7	-5
2018/09/06 03:06:46.000	291.4	16.57	90.7	-1
2018/09/06 03:06:48.000	291.4	16.58	90.6	-1
2018/09/06 03:06:50.000	291.4	16.58	90.4	-4
2018/09/06 03:06:52.000	291.5	16.58	90.4	-4
2018/09/06 03:06:54.000	291.5	16.56	90.7	-5
2018/09/06 03:06:56.000	291.5	16.56	90.6	-4
2018/09/06 03:06:58.000	291.7	16.56	90.6	-4
2018/09/06 03:07:00.000	291.6	16.57	90.8	-8
2018/09/06 03:07:02.000	291.8	16.56	90.8	-7
2018/09/06 03:07:04.000	291.6	16.56	90.8	-9
2018/09/06 03:07:06.000	291.7	16.56	90.8	3
2018/09/06 03:07:08.000	291.6	16.56	90.9	-3
2018/09/06 03:07:10.000	291.7	16.56	90.8	-3
2018/09/06 03:07:12.000	291.5	16.53	91.0	3
2018/09/06 03:07:14.000	291.5	16.54	91.0	-1
2018/09/06 03:07:16.000	291.8	16.54	91.0	-2

2018/09/06 03:07:18.000	291.7	16.54	91.0	9
2018/09/06 03:07:20.000	291.8	16.54	91.0	5
2018/09/06 03:07:22.000	291.9	16.56	90.9	7
2018/09/06 03:07:24.000	291.8	16.56	91.0	7
2018/09/06 03:07:26.000	291.8	16.56	90.9	7
2018/09/06 03:07:28.000	291.9	16.55	90.8	8
2018/09/06 03:07:30.000	291.9	16.56	90.7	3
2018/09/06 03:07:32.000	292.2	16.56	90.7	6
2018/09/06 03:07:34.000	292.1	16.56	90.8	8
2018/09/06 03:07:36.000	292.0	16.56	90.8	2
2018/09/06 03:07:38.000	292.0	16.56	90.9	7
2018/09/06 03:07:40.000	292.0	16.56	90.8	5
2018/09/06 03:07:42.000	292.0	16.56	90.7	3
2018/09/06 03:07:44.000	292.0	16.56	90.6	7
2018/09/06 03:07:46.000	291.9	16.57	90.6	7
2018/09/06 03:07:48.000	292.2	16.56	90.6	5
2018/09/06 03:07:50.000	291.9	16.56	90.5	4
2018/09/06 03:07:52.000	292.0	16.58	90.4	4
2018/09/06 03:07:54.000	292.3	16.58	90.5	5
2018/09/06 03:07:56.000	292.2	16.58	90.5	8
2018/09/06 03:07:58.000	292.1	16.58	90.5	8
2018/09/06 03:08:00.000	292.2	16.58	90.5	5
2018/09/06 03:08:02.000	292.2	16.58	90.3	5
2018/09/06 03:08:04.000	292.1	16.58	90.3	3
2018/09/06 03:08:06.000	292.3	16.58	90.3	7
2018/09/06 03:08:08.000	292.2	16.58	90.3	7
2018/09/06 03:08:10.000	292.2	16.58	90.4	8
2018/09/06 03:08:12.000	292.3	16.58	90.2	12
2018/09/06 03:08:14.000	292.3	16.58	90.3	10
2018/09/06 03:08:16.000	291.8	16.58	90.2	15
2018/09/06 03:08:18.000	292.1	16.57	90.5	-44
2018/09/06 03:08:20.000	292.9	16.33	94.7	-54
2018/09/06 03:08:22.000	292.4	16.30	95.0	24
2018/09/06 03:08:24.000	292.2	16.27	95.5	36
2018/09/06 03:08:26.000	292.1	16.25	95.9	15
2018/09/06 03:08:28.000	290.8	16.25	95.5	11
2018/09/06 03:08:30.000	292.2	16.23	95.7	71
2018/09/06 03:08:32.000	291.7	16.23	95.2	72
2018/09/06 03:08:34.000	289.5	16.24	95.0	39
2018/09/06 03:08:36.000	291.4	16.21	95.5	1
2018/09/06 03:08:38.000	289.4	16.20	95.3	-37
2018/09/06 03:08:40.000	288.4	16.21	94.9	-72
2018/09/06 03:08:42.000	289.8	16.23	94.6	-23
2018/09/06 03:08:44.000	287.3	16.24	94.5	-5
2018/09/06 03:08:46.000	287.3	16.23	94.4	24
2018/09/06 03:08:48.000	287.7	16.25	94.4	19
2018/09/06 03:08:50.000	285.2	16.26	94.2	45
2018/09/06 03:08:52.000	286.4	16.27	94.2	60
2018/09/06 03:08:54.000	285.9	16.30	93.9	69
2018/09/06 03:08:56.000	284.3	16.30	94.0	77
2018/09/06 03:08:58.000	285.6	16.30	94.0	70
2018/09/06 03:09:00.000	284.6	16.31	94.0	65
2018/09/06 03:09:02.000	283.7	16.31	93.9	56
2018/09/06 03:09:04.000	284.5	16.33	93.9	42
2018/09/06 03:09:06.000	282.8	16.31	93.8	35
2018/09/06 03:09:08.000	282.8	16.32	93.8	25
2018/09/06 03:09:10.000	283.2	16.32	93.8	37
2018/09/06 03:09:12.000	281.2	16.32	93.7	16
2018/09/06 03:09:14.000	282.0	16.34	93.7	19
2018/09/06 03:09:16.000	281.4	16.34	93.5	25
2018/09/06 03:09:18.000	280.1	16.35	93.5	11
2018/09/06 03:09:20.000	280.9	16.36	93.4	21
2018/09/06 03:09:22.000	279.7	16.39	93.2	19
2018/09/06 03:09:24.000	278.7	16.40	93.1	18
2018/09/06 03:09:26.000	279.3	16.41	93.0	19
2018/09/06 03:09:28.000	277.9	16.42	92.8	18
2018/09/06 03:09:30.000	277.6	16.43	92.8	13
2018/09/06 03:09:32.000	277.6	16.44	92.7	8
2018/09/06 03:09:34.000	276.4	16.45	92.5	6
2018/09/06 03:09:36.000	276.2	16.47	92.5	8
2018/09/06 03:09:38.000	275.7	16.48	92.4	6
2018/09/06 03:09:40.000	274.8	16.49	92.0	-8
2018/09/06 03:09:42.000	274.5	16.51	91.8	-7
2018/09/06 03:09:44.000	274.0	16.52	91.8	-2
2018/09/06 03:09:46.000	273.2	16.55	91.8	-5

2018/09/06 03:09:48.000	272.8	16.54	91.8	-8
2018/09/06 03:09:50.000	272.1	16.54	91.8	1
2018/09/06 03:09:52.000	271.4	16.57	91.8	-2
2018/09/06 03:09:54.000	271.0	16.56	91.7	-1
2018/09/06 03:09:56.000	270.3	16.56	91.7	3
2018/09/06 03:09:58.000	269.5	16.59	91.7	-10
2018/09/06 03:10:00.000	269.2	16.58	91.6	6
2018/09/06 03:10:02.000	268.7	16.58	91.6	-1
2018/09/06 03:10:04.000	268.0	16.61	91.3	-4
2018/09/06 03:10:06.000	267.6	16.61	91.3	5
2018/09/06 03:10:08.000	267.0	16.63	91.6	10
2018/09/06 03:10:10.000	266.1	16.62	91.6	1
2018/09/06 03:10:12.000	265.8	16.65	91.6	6
2018/09/06 03:10:14.000	265.5	16.66	91.5	5
2018/09/06 03:10:16.000	264.7	16.66	91.5	4
2018/09/06 03:10:18.000	264.3	16.67	91.3	-4
2018/09/06 03:10:20.000	263.9	16.67	91.3	0
2018/09/06 03:10:22.000	262.9	16.67	91.3	-4
2018/09/06 03:10:24.000	262.8	16.67	91.3	-5
2018/09/06 03:10:26.000	262.3	16.69	91.3	-6
2018/09/06 03:10:28.000	261.5	16.70	91.3	-13
2018/09/06 03:10:30.000	261.4	16.70	91.3	-13
2018/09/06 03:10:32.000	260.6	16.69	91.7	-8
2018/09/06 03:10:34.000	259.9	16.69	91.8	-6
2018/09/06 03:10:36.000	259.7	16.69	91.7	-3
2018/09/06 03:10:38.000	259.4	16.69	91.8	-1
2018/09/06 03:10:40.000	258.4	16.72	91.7	0
2018/09/06 03:10:42.000	258.2	16.71	91.7	5
2018/09/06 03:10:44.000	257.7	16.72	91.7	1
2018/09/06 03:10:46.000	257.0	16.71	91.9	1
2018/09/06 03:10:48.000	256.7	16.72	91.9	5
2018/09/06 03:10:50.000	256.0	16.71	91.9	4
2018/09/06 03:10:52.000	255.5	16.72	91.9	9
2018/09/06 03:10:54.000	255.3	16.74	91.9	8
2018/09/06 03:10:56.000	254.7	16.73	91.9	5
2018/09/06 03:10:58.000	254.1	16.73	91.9	1
2018/09/06 03:11:00.000	254.0	16.73	91.9	6
2018/09/06 03:11:02.000	253.3	16.69	92.5	-7
2018/09/06 03:11:04.000	252.8	16.64	93.0	-3
2018/09/06 03:11:06.000	252.7	16.63	93.2	0
2018/09/06 03:11:08.000	251.9	16.63	93.3	7
2018/09/06 03:11:10.000	251.1	16.60	93.4	10
2018/09/06 03:11:12.000	251.0	16.60	93.4	2
2018/09/06 03:11:14.000	250.6	16.60	93.4	4
2018/09/06 03:11:16.000	249.8	16.60	93.5	14
2018/09/06 03:11:18.000	249.7	16.60	93.5	18
2018/09/06 03:11:20.000	249.1	16.62	93.5	23
2018/09/06 03:11:22.000	248.3	16.63	93.5	23
2018/09/06 03:11:24.000	248.2	16.63	93.4	23
2018/09/06 03:11:26.000	248.0	16.63	93.4	29
2018/09/06 03:11:28.000	247.1	16.63	93.4	13
2018/09/06 03:11:30.000	246.8	16.63	93.5	5
2018/09/06 03:11:32.000	246.4	16.63	93.4	8
2018/09/06 03:11:34.000	245.7	16.62	93.4	-2
2018/09/06 03:11:36.000	245.5	16.64	93.4	-5
2018/09/06 03:11:38.000	245.1	16.61	93.4	-6
2018/09/06 03:11:40.000	244.4	16.60	93.5	-10
2018/09/06 03:11:42.000	243.9	16.61	93.6	-9
2018/09/06 03:11:44.000	243.5	16.60	93.7	-14
2018/09/06 03:11:46.000	242.7	16.60	93.7	-17
2018/09/06 03:11:48.000	242.4	16.63	93.7	-8
2018/09/06 03:11:50.000	241.8	16.63	93.8	-11
2018/09/06 03:11:52.000	241.1	16.63	93.7	-4
2018/09/06 03:11:54.000	240.7	16.63	93.8	0
2018/09/06 03:11:56.000	240.2	16.62	93.8	-6
2018/09/06 03:11:58.000	239.7	16.62	93.8	-12
2018/09/06 03:12:00.000	239.1	16.63	93.8	-11
2018/09/06 03:12:02.000	238.8	16.65	93.7	-17
2018/09/06 03:12:04.000	238.3	16.65	93.7	-16
2018/09/06 03:12:06.000	237.7	16.65	93.7	-33
2018/09/06 03:12:08.000	237.4	16.65	93.7	-32
2018/09/06 03:12:10.000	236.5	16.65	93.7	-24
2018/09/06 03:12:12.000	235.8	16.65	93.7	-34
2018/09/06 03:12:14.000	235.7	16.65	93.7	-30
2018/09/06 03:12:16.000	235.1	16.64	93.7	-25

2018/09/06 03:12:18.000	234.4	16.65	93.7	-20
2018/09/06 03:12:20.000	234.2	16.66	93.7	-25
2018/09/06 03:12:22.000	233.4	16.65	93.7	-25
2018/09/06 03:12:24.000	232.9	16.67	93.7	-27
2018/09/06 03:12:26.000	232.4	16.68	93.7	-27
2018/09/06 03:12:28.000	231.6	16.67	93.7	-35
2018/09/06 03:12:30.000	231.3	16.67	93.7	-31
2018/09/06 03:12:32.000	230.8	16.67	93.7	-30
2018/09/06 03:12:34.000	229.9	16.68	93.7	-32
2018/09/06 03:12:36.000	229.7	16.67	93.7	-36
2018/09/06 03:12:38.000	229.2	16.67	93.7	-35
2018/09/06 03:12:40.000	228.6	16.67	93.7	-41
2018/09/06 03:12:42.000	228.1	16.68	93.7	-44
2018/09/06 03:12:44.000	227.8	16.67	93.7	-45
2018/09/06 03:12:46.000	227.1	16.68	93.7	-40
2018/09/06 03:12:48.000	226.5	16.66	93.7	-35
2018/09/06 03:12:50.000	226.4	16.67	93.7	-43
2018/09/06 03:12:52.000	225.7	16.67	93.7	-39
2018/09/06 03:12:54.000	225.1	16.67	93.7	-41
2018/09/06 03:12:56.000	224.6	16.67	93.7	-47
2018/09/06 03:12:58.000	223.9	16.67	93.8	-41
2018/09/06 03:13:00.000	223.3	16.67	93.7	-48
2018/09/06 03:13:02.000	222.9	16.67	93.7	-41
2018/09/06 03:13:04.000	222.4	16.67	93.7	-50
2018/09/06 03:13:06.000	221.6	16.66	93.7	-45
2018/09/06 03:13:08.000	221.1	16.69	93.7	-47
2018/09/06 03:13:10.000	220.6	16.69	93.7	-45
2018/09/06 03:13:12.000	220.1	16.69	93.7	-41
2018/09/06 03:13:14.000	219.3	16.69	93.7	-40
2018/09/06 03:13:16.000	218.8	16.69	93.7	-46
2018/09/06 03:13:18.000	218.2	16.67	93.7	-50
2018/09/06 03:13:20.000	217.4	16.67	93.7	-45
2018/09/06 03:13:22.000	216.8	16.69	93.7	-47
2018/09/06 03:13:24.000	216.3	16.67	93.7	-54
2018/09/06 03:13:26.000	215.6	16.67	93.7	-50
2018/09/06 03:13:28.000	215.0	16.67	93.7	-57
2018/09/06 03:13:30.000	214.5	16.70	93.7	-44
2018/09/06 03:13:32.000	213.8	16.69	93.7	-42
2018/09/06 03:13:34.000	212.8	16.70	93.7	-51
2018/09/06 03:13:36.000	212.3	16.68	93.7	-50
2018/09/06 03:13:38.000	211.8	16.70	93.7	-49
2018/09/06 03:13:40.000	210.9	16.70	93.7	-49
2018/09/06 03:13:42.000	210.3	16.69	93.7	-53
2018/09/06 03:13:44.000	209.8	16.69	93.7	-46
2018/09/06 03:13:46.000	209.1	16.67	93.7	-53
2018/09/06 03:13:48.000	208.4	16.67	93.7	-57
2018/09/06 03:13:50.000	207.8	16.67	93.7	-53
2018/09/06 03:13:52.000	206.9	16.67	93.7	-54
2018/09/06 03:13:54.000	206.1	16.67	93.7	-60
2018/09/06 03:13:56.000	205.4	16.67	93.7	-54
2018/09/06 03:13:58.000	204.9	16.66	93.7	-54
2018/09/06 03:14:00.000	204.3	16.67	93.7	-50
2018/09/06 03:14:02.000	203.6	16.67	93.7	-46
2018/09/06 03:14:04.000	203.1	16.66	93.7	-46
2018/09/06 03:14:06.000	202.4	16.67	93.7	-43
2018/09/06 03:14:08.000	201.8	16.67	93.7	-45
2018/09/06 03:14:10.000	201.1	16.67	93.7	-46
2018/09/06 03:14:12.000	200.8	16.67	93.7	-45
2018/09/06 03:14:14.000	200.1	16.66	93.7	-47
2018/09/06 03:14:16.000	199.4	16.67	93.7	-45
2018/09/06 03:14:18.000	199.0	16.67	93.7	-48
2018/09/06 03:14:20.000	198.3	16.67	93.7	-49
2018/09/06 03:14:22.000	197.4	16.65	93.7	-43
2018/09/06 03:14:24.000	196.8	16.65	93.7	-49
2018/09/06 03:14:26.000	196.4	16.65	93.7	-51
2018/09/06 03:14:28.000	195.8	16.65	93.7	-42
2018/09/06 03:14:30.000	195.0	16.64	93.7	-41
2018/09/06 03:14:32.000	194.6	16.65	93.7	-53
2018/09/06 03:14:34.000	194.1	16.65	93.7	-43
2018/09/06 03:14:36.000	193.3	16.66	93.7	-45
2018/09/06 03:14:38.000	192.8	16.65	93.7	-41
2018/09/06 03:14:40.000	192.4	16.64	93.9	-42
2018/09/06 03:14:42.000	191.7	16.63	94.1	-42
2018/09/06 03:14:44.000	191.1	16.60	94.1	-42
2018/09/06 03:14:46.000	190.8	16.61	94.1	-45

2018/09/06 03:14:48.000	190.0	16.60	94.3	-47
2018/09/06 03:14:50.000	189.3	16.58	94.5	-38
2018/09/06 03:14:52.000	188.8	16.58	94.6	-31
2018/09/06 03:14:54.000	188.2	16.58	94.8	-29
2018/09/06 03:14:56.000	187.5	16.56	94.9	-23
2018/09/06 03:14:58.000	186.9	16.57	94.9	-17
2018/09/06 03:15:00.000	186.2	16.53	95.1	-26
2018/09/06 03:15:02.000	185.7	16.54	95.3	-20
2018/09/06 03:15:04.000	185.0	16.51	95.3	-16
2018/09/06 03:15:06.000	184.4	16.52	95.3	-29
2018/09/06 03:15:08.000	183.8	16.52	95.3	-27
2018/09/06 03:15:10.000	183.2	16.52	95.3	-20
2018/09/06 03:15:12.000	182.7	16.52	95.3	-25
2018/09/06 03:15:14.000	182.0	16.51	95.3	-23
2018/09/06 03:15:16.000	181.6	16.52	95.3	-18
2018/09/06 03:15:18.000	180.8	16.52	95.3	-9
2018/09/06 03:15:20.000	180.3	16.52	95.3	-10
2018/09/06 03:15:22.000	179.7	16.52	95.3	-8
2018/09/06 03:15:24.000	179.3	16.50	95.3	-7
2018/09/06 03:15:26.000	178.5	16.49	95.4	-10
2018/09/06 03:15:28.000	177.8	16.50	95.4	-16
2018/09/06 03:15:30.000	177.4	16.47	96.0	-12
2018/09/06 03:15:32.000	176.7	16.46	96.1	-18
2018/09/06 03:15:34.000	176.2	16.45	96.3	-13
2018/09/06 03:15:36.000	175.5	16.43	96.3	-18
2018/09/06 03:15:38.000	174.8	16.41	96.7	-11
2018/09/06 03:15:40.000	174.2	16.40	96.9	-15
2018/09/06 03:15:42.000	173.5	16.39	96.9	-7
2018/09/06 03:15:44.000	172.9	16.37	97.2	-6
2018/09/06 03:15:46.000	172.5	16.36	97.3	-13
2018/09/06 03:15:48.000	172.1	16.36	97.3	1
2018/09/06 03:15:50.000	171.1	16.36	97.3	7
2018/09/06 03:15:52.000	170.6	16.36	97.5	7
2018/09/06 03:15:54.000	169.9	16.37	97.5	5
2018/09/06 03:15:56.000	169.4	16.37	97.5	6
2018/09/06 03:15:58.000	168.7	16.34	97.7	7
2018/09/06 03:16:00.000	168.1	16.34	97.7	-2
2018/09/06 03:16:02.000	167.7	16.33	98.0	-1
2018/09/06 03:16:04.000	167.1	16.31	98.3	0
2018/09/06 03:16:06.000	166.5	16.32	98.3	12
2018/09/06 03:16:08.000	165.9	16.32	98.3	18
2018/09/06 03:16:10.000	165.5	16.35	98.1	28
2018/09/06 03:16:12.000	164.7	16.32	98.5	34
2018/09/06 03:16:14.000	164.1	16.32	99.1	34
2018/09/06 03:16:16.000	163.6	16.30	99.6	45
2018/09/06 03:16:18.000	163.0	16.30	100.1	38
2018/09/06 03:16:20.000	162.4	16.30	100.1	34
2018/09/06 03:16:22.000	161.7	16.29	100.1	34
2018/09/06 03:16:24.000	161.3	16.30	100.1	22
2018/09/06 03:16:26.000	160.9	16.29	100.1	25
2018/09/06 03:16:28.000	160.3	16.29	100.1	20
2018/09/06 03:16:30.000	159.6	16.30	100.2	14
2018/09/06 03:16:32.000	159.2	16.30	100.2	24
2018/09/06 03:16:34.000	158.9	16.30	100.2	16
2018/09/06 03:16:36.000	157.9	16.30	100.2	21
2018/09/06 03:16:38.000	157.2	16.30	100.2	13
2018/09/06 03:16:40.000	157.0	16.30	100.3	21
2018/09/06 03:16:42.000	156.5	16.29	100.3	15
2018/09/06 03:16:44.000	155.8	16.32	100.2	20
2018/09/06 03:16:46.000	155.0	16.32	100.2	18
2018/09/06 03:16:48.000	154.7	16.32	100.2	21
2018/09/06 03:16:50.000	154.3	16.32	100.2	12
2018/09/06 03:16:52.000	153.4	16.32	100.2	17
2018/09/06 03:16:54.000	152.5	16.32	100.3	7
2018/09/06 03:16:56.000	152.2	16.32	100.3	6
2018/09/06 03:16:58.000	151.8	16.34	100.3	3
2018/09/06 03:17:00.000	151.0	16.35	100.3	7
2018/09/06 03:17:02.000	150.4	16.35	100.3	-7
2018/09/06 03:17:04.000	149.7	16.34	100.3	3
2018/09/06 03:17:06.000	149.3	16.33	100.3	-1
2018/09/06 03:17:08.000	148.6	16.34	100.3	-9
2018/09/06 03:17:10.000	147.5	16.34	100.3	-4
2018/09/06 03:17:12.000	147.1	16.36	100.3	-1
2018/09/06 03:17:14.000	146.8	16.36	100.3	-8
2018/09/06 03:17:16.000	146.0	16.36	100.3	-7

2018/09/06 03:17:18.000	145.0	16.35	100.3	-2
2018/09/06 03:17:20.000	144.3	16.37	100.3	-2
2018/09/06 03:17:22.000	143.9	16.36	100.3	-14
2018/09/06 03:17:24.000	143.4	16.37	100.3	-8
2018/09/06 03:17:26.000	142.8	16.36	100.2	-3
2018/09/06 03:17:28.000	142.1	16.39	100.2	-5
2018/09/06 03:17:30.000	141.5	16.38	100.3	-10
2018/09/06 03:17:32.000	140.7	16.38	100.2	-11
2018/09/06 03:17:34.000	139.9	16.39	100.3	-7
2018/09/06 03:17:36.000	139.3	16.39	100.3	-9
2018/09/06 03:17:38.000	138.5	16.40	100.3	-14
2018/09/06 03:17:40.000	138.1	16.40	100.3	-8
2018/09/06 03:17:42.000	137.4	16.41	100.2	-14
2018/09/06 03:17:44.000	136.3	16.41	100.3	-15
2018/09/06 03:17:46.000	136.0	16.41	100.2	-15
2018/09/06 03:17:48.000	135.2	16.41	100.3	-19
2018/09/06 03:17:50.000	134.8	16.41	100.3	-23
2018/09/06 03:17:52.000	134.0	16.41	100.3	-21
2018/09/06 03:17:54.000	133.0	16.43	100.3	-18
2018/09/06 03:17:56.000	132.5	16.43	100.3	-22
2018/09/06 03:17:58.000	132.0	16.42	100.3	-21
2018/09/06 03:18:00.000	131.1	16.42	100.3	-16
2018/09/06 03:18:02.000	130.1	16.44	100.4	-15
2018/09/06 03:18:04.000	129.5	16.43	100.4	-14
2018/09/06 03:18:06.000	129.2	16.45	100.4	-9
2018/09/06 03:18:08.000	128.5	16.45	100.4	-17
2018/09/06 03:18:10.000	127.6	16.45	100.4	-21
2018/09/06 03:18:12.000	126.7	16.45	100.4	-16
2018/09/06 03:18:14.000	126.3	16.45	100.4	-11
2018/09/06 03:18:16.000	125.7	16.45	100.4	-23
2018/09/06 03:18:18.000	125.0	16.45	100.4	-26
2018/09/06 03:18:20.000	124.0	16.44	100.4	-22
2018/09/06 03:18:22.000	123.4	16.45	100.4	-13
2018/09/06 03:18:24.000	122.5	16.44	100.4	-21
2018/09/06 03:18:26.000	121.7	16.45	100.4	-21
2018/09/06 03:18:28.000	121.0	16.47	100.4	-14
2018/09/06 03:18:30.000	120.4	16.46	100.4	-16
2018/09/06 03:18:32.000	119.9	16.45	100.4	-20
2018/09/06 03:18:34.000	119.0	16.45	100.4	-19
2018/09/06 03:18:36.000	118.4	16.45	100.4	-25
2018/09/06 03:18:38.000	117.7	16.45	100.4	-21
2018/09/06 03:18:40.000	117.1	16.43	100.4	-16
2018/09/06 03:18:42.000	116.3	16.42	100.4	-23
2018/09/06 03:18:44.000	115.5	16.42	100.4	-23
2018/09/06 03:18:46.000	114.6	16.43	100.3	-23
2018/09/06 03:18:48.000	113.8	16.43	100.4	-24
2018/09/06 03:18:50.000	113.3	16.42	100.4	-18
2018/09/06 03:18:52.000	112.7	16.42	100.4	-14
2018/09/06 03:18:54.000	111.7	16.41	100.4	-22
2018/09/06 03:18:56.000	110.9	16.40	100.4	-7
2018/09/06 03:18:58.000	110.2	16.41	100.4	0
2018/09/06 03:19:00.000	109.6	16.41	100.4	-11
2018/09/06 03:19:02.000	108.7	16.38	100.4	-9
2018/09/06 03:19:04.000	107.8	16.38	100.4	-4
2018/09/06 03:19:06.000	107.3	16.37	100.4	-7
2018/09/06 03:19:08.000	106.6	16.36	100.4	-16
2018/09/06 03:19:10.000	105.7	16.36	100.4	-14
2018/09/06 03:19:12.000	105.0	16.34	100.4	-10
2018/09/06 03:19:14.000	104.1	16.31	100.4	-16
2018/09/06 03:19:16.000	103.8	16.32	100.4	-19
2018/09/06 03:19:18.000	103.3	16.30	100.4	-19
2018/09/06 03:19:20.000	102.4	16.30	100.5	-8
2018/09/06 03:19:22.000	101.0	16.27	100.4	-2
2018/09/06 03:19:24.000	100.1	16.28	100.5	-9
2018/09/06 03:19:26.000	99.6	16.24	100.4	-4
2018/09/06 03:19:28.000	99.2	16.25	100.4	-1
2018/09/06 03:19:30.000	98.4	16.24	100.4	4
2018/09/06 03:19:32.000	97.7	16.21	100.4	6
2018/09/06 03:19:34.000	96.6	16.20	100.4	10
2018/09/06 03:19:36.000	95.8	16.19	100.4	16
2018/09/06 03:19:38.000	95.0	16.17	100.5	15
2018/09/06 03:19:40.000	94.3	16.17	100.5	13
2018/09/06 03:19:42.000	93.4	16.14	100.5	13
2018/09/06 03:19:44.000	92.3	16.12	100.5	9
2018/09/06 03:19:46.000	91.2	16.12	100.3	10

2018/09/06 03:19:48.000	90.7	16.21	97.5	-3
2018/09/06 03:19:50.000	90.0	16.25	96.3	-9
2018/09/06 03:19:52.000	89.0	16.35	94.3	-22
2018/09/06 03:19:54.000	88.1	16.36	93.4	-24
2018/09/06 03:19:56.000	87.1	16.21	96.1	-35
2018/09/06 03:19:58.000	86.5	16.08	98.0	-40
2018/09/06 03:20:00.000	85.5	15.97	100.0	-38
2018/09/06 03:20:02.000	84.6	15.92	100.2	-37
2018/09/06 03:20:04.000	83.9	15.88	100.2	-33
2018/09/06 03:20:06.000	83.1	15.86	100.2	-20
2018/09/06 03:20:08.000	82.5	15.81	100.4	-26
2018/09/06 03:20:10.000	81.6	15.79	100.4	-19
2018/09/06 03:20:12.000	80.9	15.74	100.3	-13
2018/09/06 03:20:14.000	80.2	15.72	100.3	-5
2018/09/06 03:20:16.000	79.1	15.68	100.3	-3
2018/09/06 03:20:18.000	77.7	15.66	100.4	1
2018/09/06 03:20:20.000	76.7	15.61	100.3	10
2018/09/06 03:20:22.000	75.4	15.61	100.0	9
2018/09/06 03:20:24.000	74.5	15.64	98.3	12
2018/09/06 03:20:26.000	73.6	15.66	97.0	14
2018/09/06 03:20:28.000	72.4	15.81	94.3	0
2018/09/06 03:20:30.000	71.4	15.95	90.5	-5
2018/09/06 03:20:32.000	70.5	15.95	90.0	-16
2018/09/06 03:20:34.000	69.4	15.82	91.8	-33
2018/09/06 03:20:36.000	68.5	15.57	95.8	-37
2018/09/06 03:20:38.000	67.9	15.44	98.4	-49
2018/09/06 03:20:40.000	67.5	15.41	97.6	-42
2018/09/06 03:20:42.000	67.1	15.48	95.1	-39
2018/09/06 03:20:44.000	66.9	15.46	94.6	-38
2018/09/06 03:20:46.000	66.4	15.57	92.2	-35
2018/09/06 03:20:48.000	66.3	15.52	92.1	-38
2018/09/06 03:20:50.000	66.3	15.42	93.4	-47
2018/09/06 03:20:52.000	65.4	15.35	93.5	-57
2018/09/06 03:20:54.000	65.0	15.31	93.5	-67
2018/09/06 03:20:56.000	64.8	15.26	93.5	-70
2018/09/06 03:20:58.000	64.7	15.26	93.1	-74
2018/09/06 03:21:00.000	64.4	15.37	88.9	-78
2018/09/06 03:21:02.000	63.9	15.50	83.8	-78
2018/09/06 03:21:04.000	63.7	15.62	80.0	-86
2018/09/06 03:21:06.000	63.2	15.64	79.3	-103
2018/09/06 03:21:08.000	62.8	15.62	78.8	-112
2018/09/06 03:21:10.000	62.1	15.61	78.7	-124
2018/09/06 03:21:12.000	62.0	15.59	78.8	-135
2018/09/06 03:21:14.000	62.1	15.58	78.8	-143
2018/09/06 03:21:16.000	62.0	15.50	79.3	-150
2018/09/06 03:21:18.000	62.1	15.39	81.6	-151
2018/09/06 03:21:20.000	62.1	15.30	83.0	-149
2018/09/06 03:21:22.000	62.5	15.31	81.8	-150
2018/09/06 03:21:24.000	62.6	15.33	79.5	-154
2018/09/06 03:21:26.000	62.5	15.39	77.0	-156
2018/09/06 03:21:28.000	62.3	15.46	73.3	-167
2018/09/06 03:21:30.000	61.8	15.51	69.3	-178
2018/09/06 03:21:32.000	61.6	15.50	67.8	-197
2018/09/06 03:21:34.000	62.7	15.44	72.1	-206
2018/09/06 03:21:36.000	63.4	15.35	74.9	-219
2018/09/06 03:21:38.000	63.4	15.24	76.5	-228
2018/09/06 03:21:40.000	63.3	15.17	77.2	-229
2018/09/06 03:21:42.000	62.9	15.13	77.2	-223
2018/09/06 03:21:44.000	62.8	15.10	76.2	-221
2018/09/06 03:21:46.000	62.5	15.11	74.7	-217
2018/09/06 03:21:48.000	62.5	15.11	74.5	-214
2018/09/06 03:21:50.000	62.3	15.12	72.8	-212
2018/09/06 03:21:52.000	61.9	15.13	69.1	-205
2018/09/06 03:21:54.000	61.8	15.15	66.7	-202
2018/09/06 03:21:56.000	61.9	15.17	64.0	-199
2018/09/06 03:21:58.000	62.2	15.19	61.1	-204
2018/09/06 03:22:00.000	62.4	15.20	58.8	-209
2018/09/06 03:22:02.000	62.7	15.19	58.1	-218
2018/09/06 03:22:04.000	62.8	15.18	58.0	-227
2018/09/06 03:22:06.000	63.2	15.15	58.0	-233
2018/09/06 03:22:08.000	63.2	15.13	58.3	-241
2018/09/06 03:22:10.000	63.3	15.13	57.0	-250
2018/09/06 03:22:12.000	63.4	15.17	52.3	-250
2018/09/06 03:22:14.000	63.5	15.23	47.2	-252
2018/09/06 03:22:16.000	63.1	15.24	46.1	-257

2018/09/06 03:22:18.000	62.5	15.24	46.0	-263
2018/09/06 03:22:20.000	61.9	15.28	44.1	-265
2018/09/06 03:22:22.000	61.3	15.32	41.3	-263
2018/09/06 03:22:24.000	61.1	15.35	40.1	-270
2018/09/06 03:22:26.000	60.9	15.37	39.7	-276
2018/09/06 03:22:28.000	60.6	15.39	38.4	-276
2018/09/06 03:22:30.000	60.3	15.41	37.0	-277
2018/09/06 03:22:32.000	59.9	15.42	36.9	-279
2018/09/06 03:22:34.000	59.7	15.41	36.9	-283
2018/09/06 03:22:36.000	59.3	15.42	36.8	-281
2018/09/06 03:22:38.000	58.8	15.41	36.8	-279
2018/09/06 03:22:40.000	58.4	15.42	36.8	-276
2018/09/06 03:22:42.000	58.0	15.42	36.7	-275
2018/09/06 03:22:44.000	57.5	15.41	36.8	-275
2018/09/06 03:22:46.000	57.3	15.42	36.8	-273
2018/09/06 03:22:48.000	57.4	15.42	36.8	-271
2018/09/06 03:22:50.000	57.3	15.42	36.8	-267
2018/09/06 03:22:52.000	56.4	15.43	36.7	-265
2018/09/06 03:22:54.000	56.0	15.42	36.6	-266
2018/09/06 03:22:56.000	56.8	15.42	36.6	-264
2018/09/06 03:22:58.000	57.1	15.43	36.6	-260
2018/09/06 03:23:00.000	57.5	15.44	36.6	-260
2018/09/06 03:23:02.000	57.4	15.44	36.6	-263
2018/09/06 03:23:04.000	56.9	15.43	36.6	-260
2018/09/06 03:23:06.000	56.0	15.43	36.6	-256
2018/09/06 03:23:08.000	56.4	15.44	36.6	-259
2018/09/06 03:23:10.000	56.8	15.47	36.5	-252
2018/09/06 03:23:12.000	56.6	15.46	36.5	-253
2018/09/06 03:23:14.000	56.6	15.46	36.5	-250
2018/09/06 03:23:16.000	56.8	15.45	36.5	-248
2018/09/06 03:23:18.000	56.4	15.46	36.5	-248
2018/09/06 03:23:20.000	57.0	15.44	36.5	-242
2018/09/06 03:23:22.000	57.1	15.43	36.5	-239
2018/09/06 03:23:24.000	57.3	15.46	36.5	-231
2018/09/06 03:23:26.000	57.0	15.46	36.5	-232
2018/09/06 03:23:28.000	57.8	15.46	36.5	-240
2018/09/06 03:23:30.000	58.0	15.48	36.5	-236
2018/09/06 03:23:32.000	57.7	15.48	36.5	-238
2018/09/06 03:23:34.000	58.0	15.48	36.5	-237
2018/09/06 03:23:36.000	57.4	15.50	36.5	-234
2018/09/06 03:23:38.000	57.3	15.51	36.5	-238
2018/09/06 03:23:40.000	57.5	15.50	36.5	-235
2018/09/06 03:23:42.000	56.7	15.53	36.5	-232
2018/09/06 03:23:44.000	56.9	15.52	36.5	-234
2018/09/06 03:23:46.000	57.0	15.52	36.5	-230
2018/09/06 03:23:48.000	57.4	15.55	36.5	-229
2018/09/06 03:23:50.000	56.6	15.55	36.5	-224
2018/09/06 03:23:52.000	57.4	15.57	36.5	-216
2018/09/06 03:23:54.000	57.4	15.57	36.5	-218
2018/09/06 03:23:56.000	58.3	15.57	36.6	-219
2018/09/06 03:23:58.000	60.8	15.57	36.7	-223
2018/09/06 03:24:00.000	61.5	15.59	36.6	-225
2018/09/06 03:24:02.000	62.6	15.59	36.7	-225
2018/09/06 03:24:04.000	63.5	15.57	38.4	-226
2018/09/06 03:24:06.000	64.4	15.55	38.6	-225
2018/09/06 03:24:08.000	64.5	15.54	38.5	-226
2018/09/06 03:24:10.000	64.3	15.54	38.6	-219
2018/09/06 03:24:12.000	65.9	15.55	38.6	-225
2018/09/06 03:24:14.000	67.1	15.55	38.6	-226
2018/09/06 03:24:16.000	68.1	15.54	38.6	-228
2018/09/06 03:24:18.000	68.6	15.55	38.6	-234
2018/09/06 03:24:20.000	69.9	15.55	38.5	-238
2018/09/06 03:24:22.000	71.8	15.55	38.5	-237
2018/09/06 03:24:24.000	73.0	15.53	38.5	-241
2018/09/06 03:24:26.000	74.4	15.52	38.6	-242
2018/09/06 03:24:28.000	75.4	15.52	38.6	-242
2018/09/06 03:24:30.000	76.3	15.52	38.6	-246
2018/09/06 03:24:32.000	77.4	15.52	38.6	-251
2018/09/06 03:24:34.000	78.0	15.53	38.6	-252
2018/09/06 03:24:36.000	78.1	15.52	38.6	-254
2018/09/06 03:24:38.000	78.0	15.55	38.6	-251
2018/09/06 03:24:40.000	77.3	15.55	38.5	-250
2018/09/06 03:24:42.000	77.4	15.57	38.5	-252
2018/09/06 03:24:44.000	77.3	15.57	38.2	-259
2018/09/06 03:24:46.000	77.5	15.61	36.8	-260

2018/09/06 03:24:48.000	78.1	15.68	34.3	-265
2018/09/06 03:24:50.000	77.6	15.74	31.4	-268
2018/09/06 03:24:52.000	77.5	15.79	30.6	-273
2018/09/06 03:24:54.000	76.9	15.83	29.9	-279
2018/09/06 03:24:56.000	77.2	15.88	28.5	-283
2018/09/06 03:24:58.000	76.7	15.98	25.2	-283
2018/09/06 03:25:00.000	76.0	16.08	21.1	-286
2018/09/06 03:25:02.000	75.8	16.20	13.2	-296
2018/09/06 03:25:04.000	75.0	16.32	-8.8	-306
2018/09/06 03:25:06.000	75.3	16.34	-9.0	-332
2018/09/06 03:25:08.000	75.3	16.38	-9.1	-347
2018/09/06 03:25:10.000	75.1	16.43	-9.1	-362
2018/09/06 03:25:12.000	74.6	16.43	-9.1	-377
2018/09/06 03:25:14.000	73.7	16.45	-9.1	-395
2018/09/06 03:25:16.000	72.2	16.47	-9.1	-406
2018/09/06 03:25:18.000	73.3	16.47	-9.1	-417
2018/09/06 03:25:20.000	74.3	16.48	-9.1	-419
2018/09/06 03:25:22.000	76.0	16.47	-9.1	-417
2018/09/06 03:25:24.000	77.3	16.48	-9.1	-417
2018/09/06 03:25:26.000	77.9	16.48	-9.1	-421
2018/09/06 03:25:28.000	78.6	16.48	-9.1	-427
2018/09/06 03:25:30.000	79.8	16.47	-9.1	-425
2018/09/06 03:25:32.000	80.8	16.47	-9.1	-420
2018/09/06 03:25:34.000	81.8	16.48	-9.1	-408
2018/09/06 03:25:36.000	82.4	16.48	-9.1	-390
2018/09/06 03:25:38.000	82.3	16.47	-9.1	-368
2018/09/06 03:25:40.000	82.0	16.48	-9.1	-351
2018/09/06 03:25:42.000	81.2	16.49	-9.1	-340
2018/09/06 03:25:44.000	80.9	16.50	-9.1	-338
2018/09/06 03:25:46.000	80.7	16.49	-9.1	-348
2018/09/06 03:25:48.000	80.7	16.49	-9.1	-361
2018/09/06 03:25:50.000	80.7	16.49	-9.1	-381
2018/09/06 03:25:52.000	80.7	16.50	-9.1	-412
2018/09/06 03:25:54.000	80.6	16.49	-9.1	-430
2018/09/06 03:25:56.000	80.6	16.49	-9.1	-446
2018/09/06 03:25:58.000	80.8	16.50	-9.1	-452
2018/09/06 03:26:00.000	80.9	16.48	-9.1	-453
2018/09/06 03:26:02.000	81.0	16.48	-9.1	-450
2018/09/06 03:26:04.000	81.1	16.47	-9.1	-444
2018/09/06 03:26:06.000	80.9	16.47	-8.1	-436
2018/09/06 03:26:08.000	80.9	16.47	-8.3	-428
2018/09/06 03:26:10.000	81.1	16.47	-8.6	-426
2018/09/06 03:26:12.000	81.2	16.47	-8.8	-429
2018/09/06 03:26:14.000	81.2	16.47	-9.0	-447
2018/09/06 03:26:16.000	81.2	16.47	-9.1	-457
2018/09/06 03:26:18.000	81.2	16.48	-9.1	-462
2018/09/06 03:26:20.000	81.3	16.47	-9.1	-466
2018/09/06 03:26:22.000	81.5	16.48	-9.1	-469
2018/09/06 03:26:24.000	81.8	16.48	-9.1	-469
2018/09/06 03:26:26.000	81.8	16.48	-9.1	-470
2018/09/06 03:26:28.000	81.8	16.47	-9.1	-470
2018/09/06 03:26:30.000	81.9	16.48	-9.1	-471
2018/09/06 03:26:32.000	82.0	16.48	-9.1	-470
2018/09/06 03:26:34.000	82.1	16.47	-9.1	-470
2018/09/06 03:26:36.000	82.2	16.45	-9.1	-471
2018/09/06 03:26:38.000	82.4	16.46	-9.1	-471
2018/09/06 03:26:40.000	82.5	16.45	-9.1	-470
2018/09/06 03:26:42.000	82.5	16.45	-9.1	-471
2018/09/06 03:26:44.000	82.5	16.45	-9.1	-471
2018/09/06 03:26:46.000	82.6	16.45	-9.1	-471
2018/09/06 03:26:48.000	82.9	16.45	-9.1	-471
2018/09/06 03:26:50.000	83.0	16.45	-9.1	-471
2018/09/06 03:26:52.000	83.0	16.45	-9.1	-471
2018/09/06 03:26:54.000	83.0	16.45	-9.1	-471
2018/09/06 03:26:56.000	83.0	16.45	-9.1	-471
2018/09/06 03:26:58.000	83.1	16.45	-9.1	-471
2018/09/06 03:27:00.000	83.2	16.45	-9.1	-472
2018/09/06 03:27:02.000	83.3	16.45	-9.1	-472
2018/09/06 03:27:04.000	83.4	16.45	-9.1	-471
2018/09/06 03:27:06.000	83.3	16.45	-9.1	-471
2018/09/06 03:27:08.000	83.4	16.45	-9.1	-472
2018/09/06 03:27:10.000	83.5	16.45	-9.1	-472
2018/09/06 03:27:12.000	83.5	16.45	-9.1	-471
2018/09/06 03:27:14.000	83.6	16.45	-9.1	-471
2018/09/06 03:27:16.000	83.6	16.45	-9.1	-471

2018/09/06 03:27:18.000	83.7	16.45	-9.1	-472
2018/09/06 03:27:20.000	83.8	16.45	-9.1	-471
2018/09/06 03:27:22.000	83.8	16.46	-9.1	-471
2018/09/06 03:27:24.000	83.9	16.45	-9.1	-471
2018/09/06 03:27:26.000	83.9	16.45	-9.1	-471
2018/09/06 03:27:28.000	83.9	16.45	-9.1	-471
2018/09/06 03:27:30.000	84.0	16.45	-9.1	-471
2018/09/06 03:27:32.000	84.0	16.45	-9.1	-472
2018/09/06 03:27:34.000	84.2	16.47	-9.1	-471
2018/09/06 03:27:36.000	84.2	16.45	-9.1	-472
2018/09/06 03:27:38.000	84.2	16.47	-9.1	-472
2018/09/06 03:27:40.000	84.2	16.47	-9.1	-472
2018/09/06 03:27:42.000	84.3	16.47	-9.1	-471
2018/09/06 03:27:44.000	84.2	16.47	-9.1	-471
2018/09/06 03:27:46.000	84.3	16.47	-9.1	-472
2018/09/06 03:27:48.000	84.3	16.47	-9.1	-472
2018/09/06 03:27:50.000	84.3	16.48	-9.1	-472
2018/09/06 03:27:52.000	84.3	16.48	-9.1	-472
2018/09/06 03:27:54.000	84.4	16.47	-9.1	-471
2018/09/06 03:27:56.000	84.4	16.47	-9.1	-471
2018/09/06 03:27:58.000	84.4	16.48	-9.1	-472
2018/09/06 03:28:00.000	84.5	16.47	-9.1	-471
2018/09/06 03:28:02.000	84.4	16.48	-9.1	-472
2018/09/06 03:28:04.000	84.7	16.47	-9.1	-471
2018/09/06 03:28:06.000	84.7	16.47	-9.1	-472
2018/09/06 03:28:08.000	84.7	16.47	-9.1	-472
2018/09/06 03:28:10.000	84.8	16.47	-9.1	-471
2018/09/06 03:28:12.000	84.7	16.47	-9.1	-472
2018/09/06 03:28:14.000	84.8	16.47	-9.1	-471
2018/09/06 03:28:16.000	84.8	16.48	-9.1	-472
2018/09/06 03:28:18.000	84.8	16.50	-9.1	-472
2018/09/06 03:28:20.000	84.9	16.48	-9.1	-471
2018/09/06 03:28:22.000	84.8	16.47	-9.1	-472
2018/09/06 03:28:24.000	84.9	16.50	-9.1	-472
2018/09/06 03:28:26.000	84.9	16.49	-9.1	-472
2018/09/06 03:28:28.000	84.8	16.50	-9.1	-472
2018/09/06 03:28:30.000	84.8	16.50	-9.1	-472
2018/09/06 03:28:32.000	84.9	16.49	-9.1	-472
2018/09/06 03:28:34.000	84.9	16.49	-9.1	-471
2018/09/06 03:28:36.000	84.8	16.49	-9.1	-471
2018/09/06 03:28:38.000	84.9	16.50	-9.1	-472
2018/09/06 03:28:40.000	84.9	16.50	-9.1	-471
2018/09/06 03:28:42.000	84.9	16.50	-9.1	-471
2018/09/06 03:28:44.000	84.9	16.50	-9.1	-471
2018/09/06 03:28:46.000	84.9	16.50	-9.1	-472
2018/09/06 03:28:48.000	84.9	16.50	-9.1	-472
2018/09/06 03:28:50.000	84.9	16.49	-9.1	-471
2018/09/06 03:28:52.000	85.1	16.50	-9.1	-471
2018/09/06 03:28:54.000	85.1	16.49	-9.1	-471
2018/09/06 03:28:56.000	85.1	16.49	-9.1	-472
2018/09/06 03:28:58.000	85.1	16.49	-9.1	-471
2018/09/06 03:29:00.000	85.1	16.50	-9.1	-471
2018/09/06 03:29:02.000	84.9	16.50	-9.1	-471
2018/09/06 03:29:04.000	85.1	16.49	-9.1	-471
2018/09/06 03:29:06.000	85.1	16.49	-9.1	-471
2018/09/06 03:29:08.000	85.1	16.49	-9.1	-472
2018/09/06 03:29:10.000	85.1	16.49	-9.1	-471
2018/09/06 03:29:12.000	85.1	16.49	-9.1	-471
2018/09/06 03:29:14.000	85.1	16.50	-9.1	-471
2018/09/06 03:29:16.000	85.1	16.50	-9.1	-471
2018/09/06 03:29:18.000	85.1	16.49	-9.1	-471
2018/09/06 03:29:20.000	85.0	16.49	-9.1	-472
2018/09/06 03:29:22.000	85.0	16.52	-9.1	-472
2018/09/06 03:29:24.000	85.1	16.51	-9.1	-472
2018/09/06 03:29:26.000	85.1	16.52	-9.1	-472
2018/09/06 03:29:28.000	85.0	16.52	-9.1	-473
2018/09/06 03:29:30.000	85.0	16.52	-9.1	-472
2018/09/06 03:29:32.000	85.1	16.52	-9.1	-472
2018/09/06 03:29:34.000	84.9	16.52	-9.1	-472
2018/09/06 03:29:36.000	85.0	16.52	-9.1	-473
2018/09/06 03:29:38.000	85.1	16.52	-9.1	-473
2018/09/06 03:29:40.000	84.9	16.52	-9.1	-471
2018/09/06 03:29:42.000	85.0	16.52	-9.1	-471
2018/09/06 03:29:44.000	85.0	16.52	-9.1	-471
2018/09/06 03:29:46.000	84.9	16.52	-9.1	-472

2018/09/06 03:29:48.000	84.9	16.52	-9.1	-472
2018/09/06 03:29:50.000	84.9	16.52	-9.1	-473
2018/09/06 03:29:52.000	84.9	16.52	-9.1	-472
2018/09/06 03:29:54.000	84.8	16.51	-9.1	-472
2018/09/06 03:29:56.000	84.8	16.51	-9.1	-471
2018/09/06 03:29:58.000	84.8	16.52	-9.1	-471
2018/09/06 03:30:00.000	84.7	16.52	-9.1	-473