

附錄四 原始數據

空氣品質原始數據

建利環保顧問股份有限公司

環境部許可證字號:環境部國環檢證字第055號(原環署環檢字第055號)

公司地址: 高雄市前鎮區新街路286-9號7樓之1-2

電話: (07)8150815(代表號) FAX: (07)8150816

環境監測報告說明書

計畫名稱: 陸軍砲兵訓練指揮部關廟湯山營區第三條聯外道路、場區連絡道A段擴、整建工程環境監測工作

客戶名稱: 臺南市政府工務局
陸軍砲兵訓練指揮部關廟湯山營區第三條聯外道路、場區連絡道A段擴、整建工程

受驗單位: 程環境監測工作

採樣單位: 建利環保顧問股份有限公司

執行監測日期: 113年12月09日~113年12月13日

報告編號: 113-12-021152 報告日期: 113年12月26日

檢測目的: 環境監測 聯絡人: 吳仁杰

備註:

1. 本監測數據報告(含現場狀況紀錄表)共7頁, 分離使用無效。
2. 本檢驗報告不得隨意複製或分離使用及作為宣傳廣告之用。
3. 細懸浮微粒(PM_{2.5})委由華光工程顧問股份有限公司分析。
4. 本公司經環境部核可之報告簽署人如下:
空氣採樣類-☐張日香(GDA-03)、☐吳仁杰(GDA-11)、☐楊保樹(GDA-13)。
無機檢測類-☐郭叔隆(GDI-03)、☐張日香(GDI-05)、☐許巧文(GDI-08)、☐李錫均(GDI-09)、
☐楊保樹(GDI-11)、☐林俊成(GDI-12)。
本報告已由核可報告簽署人審核無誤, 並簽署於內部報告文件。

聲明書:

- (一) 茲保證本報告內容完全依照行政院環境部及有關機關之標準方法及品保品管等相關規定, 秉持公正、誠實進行採樣、檢測。絕無虛偽不實, 如有違反, 就政府機關所受損失願負連帶賠償責任之外, 並接受主管機關依法令所為之行政處分及刑事處罰。
- (二) 吾人瞭解如自身受政府機關委任從事公務, 亦屬於刑法上之公務員, 並瞭解刑法上圖利罪、公務員登載不實偽造公文書及貪污治罪條例之相關規定, 如有違反, 亦為刑法及貪污治罪條例之適用對象, 願受最嚴厲之法律制裁。

此證

中華民國 113 年 12 月 26 日

負責人: 李建南總經理

檢驗室主管: 郭叔隆

郭叔隆 (簽章)

113-12-021152

第1頁

共7頁

0112272

空氣品質逐時調查記錄

空氣品質逐時調查記錄									採樣行程編號		GDAB24120018		
調查地點		保東國小							專案編號		GD113021152		
調查日期		113/12/09-113/12/10			天氣: 晴		樣品編號					021152-01	
樣品特性		濾紙		氣體						測定條件			
調查項目/單位 時間		TSP μg/m ³	PM ₁₀ μg/m ³	NO ppm	NO ₂ ppm	NO _x ppm	SO ₂ ppm	CO ppm	CO8hr平均值 ppm	TEMP ℃	RH %	WS M/S	WD DEG
10:01 ~ 11:00		83	80	0.003	0.011	0.014	0.002	0.4	-	23.8	54	0.6	358
11:01 ~ 12:00			90	0.002	0.011	0.013	0.002	0.3	-	24.9	51	0.6	340
12:01 ~ 13:00			55	0.002	0.010	0.011	0.001	0.2	-	25.0	50	0.7	329
13:01 ~ 14:00			32	0.001	0.010	0.010	0.002	0.2	-	25.5	50	0.7	339
14:01 ~ 15:00			22	0.001	0.011	0.012	0.002	0.1	-	25.5	51	0.7	334
15:01 ~ 16:00			23	0.001	0.015	0.016	0.002	0.2	-	24.8	57	0.8	323
16:01 ~ 17:00			33	0.001	0.018	0.018	0.002	0.2	-	23.2	64	0.8	326
17:01 ~ 18:00			40	0.001	0.021	0.021	0.001	0.2	0.2	21.6	71	0.7	326
18:01 ~ 19:00			48	<0.001	0.018	0.019	0.002	0.2	0.2	21.1	73	0.5	334
19:01 ~ 20:00			55	<0.001	0.013	0.013	0.001	0.2	0.2	20.3	76	0.3	344
20:01 ~ 21:00			37	<0.001	0.013	0.014	0.001	0.2	0.2	19.5	79	0.3	5
21:01 ~ 22:00			25	<0.001	0.012	0.012	0.001	0.2	0.2	18.8	84	0.6	348
22:01 ~ 23:00			23	<0.001	0.012	0.013	0.001	0.2	0.2	18.3	86	0.6	346
23:01 ~ 24:00			24	<0.001	0.012	0.013	0.001	0.2	0.2	17.9	89	0.7	336
00:01 ~ 01:00			28	<0.001	0.013	0.013	0.001	0.2	0.2	17.7	90	0.6	334
01:01 ~ 02:00			31	<0.001	0.016	0.016	0.001	0.2	0.2	17.4	92	0.5	338
02:01 ~ 03:00			26	<0.001	0.015	0.016	0.001	0.2	0.2	17.3	92	0.4	345
03:01 ~ 04:00			34	<0.001	0.017	0.018	0.001	0.2	0.2	17.2	91	0.4	352
04:01 ~ 05:00			31	<0.001	0.015	0.015	0.001	0.2	0.2	16.9	92	0.6	353
05:01 ~ 06:00			24	<0.001	0.016	0.017	0.001	0.2	0.2	16.6	93	0.2	350
06:01 ~ 07:00			30	0.001	0.019	0.020	0.001	0.3	0.2	16.5	93	0.4	0
07:01 ~ 08:00			33	0.002	0.018	0.020	0.002	0.4	0.2	17.2	90	0.2	352
08:01 ~ 09:00			83	0.003	0.018	0.022	0.003	0.4	0.3	20.5	79	0.3	359
09:01 ~ 10:00			67	0.003	0.016	0.019	0.002	0.4	0.3	23.6	65	0.5	349
最小小時平均			22	<0.001	0.010	0.010	0.001	0.1	0.2	16.5	50	0.2	-
最大小時平均			90	0.003	0.021	0.022	0.003	0.4	0.3	25.5	93	0.8	-
日8小時或日平均值 及最頻風向			41	0.001	0.015	0.016	0.001	0.2	0.2	20.5	75	0.5	NNW

備註:

- TSP監測方法:NIEA A102.13A; PM₁₀監測方法:NIEA A206.11C;
NO_x監測方法:NIEA A417.13C; SO₂監測方法:NIEA A416.14C;
CO監測方法:NIEA A421.13C。
- 實驗室濾紙收樣日期/時間:113年12月11日08時05分。

採樣或化驗單位: 建利環保顧問股份有限公司

採樣人員: 湯承恩、蕭文榮、許銘吾

化驗人員: 張惠雯

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E051

13.14-1100401

空氣品質逐時調查記錄

空氣品質逐時調查記錄									採樣行程編號		GDAB24120019		
調查地點		佛聖寺						專案編號		GD113021155			
調查日期		113/12/10-113/12/11				天氣: 晴			樣品編號		021155-01		
樣品特性		濾紙		氣體					測定條件				
調查項目/單位		TSP	PM ₁₀	NO	NO ₂	NO _x	SO ₂	CO	CO8hr平均值	TEMP	RH	WS	WD
時間		μg/m ³	μg/m ³	ppm	ppm	ppm	ppm	ppm	ppm	°C	%	M/S	DEG
13:01 ~ 14:00		75	30	0.002	0.005	0.007	0.001	0.3	-	26.1	51	1.1	83
14:01 ~ 15:00			40	0.001	0.006	0.007	0.002	0.3	-	25.9	53	0.9	95
15:01 ~ 16:00			48	0.001	0.005	0.006	0.001	0.2	-	24.8	59	1.0	109
16:01 ~ 17:00			48	0.001	0.006	0.006	0.001	0.2	-	23.4	64	1.1	111
17:01 ~ 18:00			49	<0.001	0.008	0.008	0.001	0.2	-	22.4	69	0.6	105
18:01 ~ 19:00			46	<0.001	0.010	0.010	0.001	0.2	-	21.3	75	<0.2	靜風
19:01 ~ 20:00			39	0.001	0.012	0.013	0.001	0.2	-	19.7	85	<0.2	靜風
20:01 ~ 21:00			37	<0.001	0.010	0.010	0.002	0.2	0.2	19.7	86	0.2	104
21:01 ~ 22:00			37	<0.001	0.007	0.007	0.001	0.2	0.2	17.9	93	0.6	266
22:01 ~ 23:00			30	0.001	0.004	0.005	<0.001	0.2	0.2	16.9	95	<0.2	靜風
23:01 ~ 24:00			30	0.002	0.004	0.005	<0.001	0.2	0.2	16.4	96	0.3	276
00:01 ~ 01:00			18	0.001	0.004	0.005	<0.001	0.2	0.2	16.7	98	<0.2	靜風
01:01 ~ 02:00			19	0.002	0.004	0.006	<0.001	0.2	0.2	16.6	97	<0.2	靜風
02:01 ~ 03:00			21	0.001	0.003	0.005	<0.001	0.3	0.2	15.9	98	0.3	278
03:01 ~ 04:00			19	<0.001	0.007	0.007	<0.001	0.2	0.2	16.7	99	0.2	60
04:01 ~ 05:00			35	<0.001	0.011	0.011	<0.001	0.3	0.2	17.3	98	0.2	92
05:01 ~ 06:00			47	<0.001	0.012	0.012	0.001	0.4	0.3	17.3	97	<0.2	靜風
06:01 ~ 07:00			49	0.002	0.013	0.015	0.001	0.4	0.3	17.1	97	<0.2	靜風
07:01 ~ 08:00			49	0.007	0.015	0.022	0.001	0.5	0.3	17.6	95	0.5	105
08:01 ~ 09:00			57	0.005	0.014	0.019	0.001	0.5	0.3	19.6	84	0.5	130
09:01 ~ 10:00			50	0.002	0.009	0.011	0.001	0.4	0.4	21.8	72	1.0	117
10:01 ~ 11:00			44	0.002	0.010	0.012	0.001	0.4	0.4	23.9	64	1.2	111
11:01 ~ 12:00			41	0.002	0.010	0.012	0.002	0.4	0.4	25.9	56	1.0	122
12:01 ~ 13:00			52	0.001	0.006	0.006	0.001	0.3	0.4	27.3	50	0.9	140
最小小時平均			18	<0.001	0.003	0.005	<0.001	0.2	0.2	15.9	50	<0.2	-
最大小時平均			57	0.007	0.015	0.022	0.002	0.5	0.4	27.3	99	1.2	-
日8小時或日平均值 及最頻風向			39	0.001	0.008	0.009	0.001	0.3	0.3	20.3	80	0.7	ESE

備註:

1. TSP監測方法:NIEA A102.13A; PM₁₀監測方法:NIEA A206.11C;
NO_x監測方法:NIEA A417.13C; SO₂監測方法:NIEA A416.14C;
CO監測方法:NIEA A421.13C。
2. 當風速<0.2 m/s時, 風向以靜風表示, 不列入最頻風向計算。
3. 實驗室濾紙收樣日期/時間: 113年12月12日15時00分。

採樣或化驗單位: 達利環保顧問股份有限公司

採樣人員: 蕭文榮、湯永恩

化驗人員: 張惠雯

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0112270

E051

13.14-1100401

空氣品質逐時調查記錄

空氣品質逐時調查記錄									採樣行程編號		GDAB24120020		
									專案編號		GD113021165		
									樣品編號		021165-01		
調查地點		新光國小											
調查日期		113/12/12-113/12/13				天氣: 晴							
樣品特性		濾紙		氣體					測定條件				
調查項目/單位		TSP	PM ₁₀	NO	NO ₂	NO _x	SO ₂	CO	CO8hr平均值	TEMP	RH	WS	WD
時間		μg/m ³	μg/m ³	ppm	ppm	ppm	ppm	ppm	ppm	°C	%	M/S	DEG
10:01 ~ 11:00		76	42	0.002	0.007	0.010	0.001	0.4	-	23.8	64	<0.2	靜風
11:01 ~ 12:00			40	0.001	0.007	0.008	0.001	0.4	-	25.1	60	0.3	287
12:01 ~ 13:00			44	0.001	0.008	0.009	0.002	0.4	-	27.3	53	0.4	280
13:01 ~ 14:00			43	<0.001	0.008	0.008	0.002	0.3	-	28.5	48	0.2	286
14:01 ~ 15:00			43	<0.001	0.007	0.008	0.002	0.3	-	28.0	49	0.3	281
15:01 ~ 16:00			41	<0.001	0.009	0.010	0.002	0.3	-	26.2	55	0.7	280
16:01 ~ 17:00			44	<0.001	0.012	0.012	0.002	0.3	-	24.5	61	1.0	273
17:01 ~ 18:00			46	<0.001	0.013	0.013	0.001	0.3	0.3	23.3	66	1.1	244
18:01 ~ 19:00			41	<0.001	0.011	0.012	0.001	0.2	0.3	22.2	70	1.2	272
19:01 ~ 20:00			39	<0.001	0.011	0.011	0.001	0.2	0.3	21.1	74	1.4	312
20:01 ~ 21:00			37	<0.001	0.012	0.012	0.002	0.2	0.3	20.3	76	1.2	297
21:01 ~ 22:00			38	<0.001	0.013	0.013	0.002	0.2	0.3	19.9	77	1.0	321
22:01 ~ 23:00			34	<0.001	0.013	0.013	0.002	0.2	0.2	19.6	79	0.8	227
23:01 ~ 24:00			39	<0.001	0.014	0.014	0.001	0.2	0.2	19.2	80	0.9	240
00:01 ~ 01:00			38	<0.001	0.013	0.014	0.001	0.2	0.2	18.9	80	1.1	116
01:01 ~ 02:00			34	<0.001	0.013	0.014	0.001	0.2	0.2	18.7	81	1.1	284
02:01 ~ 03:00			31	<0.001	0.012	0.013	0.002	0.2	0.2	18.6	82	1.2	88
03:01 ~ 04:00			29	<0.001	0.011	0.012	0.001	0.2	0.2	18.5	83	1.2	279
04:01 ~ 05:00			29	<0.001	0.012	0.012	0.001	0.2	0.2	18.5	84	1.6	286
05:01 ~ 06:00			29	<0.001	0.010	0.011	0.001	0.2	0.2	18.5	83	1.3	240
06:01 ~ 07:00		33	<0.001	0.011	0.011	0.002	0.2	0.2	18.6	84	1.3	336	
07:01 ~ 08:00		35	<0.001	0.010	0.010	0.001	0.2	0.2	18.7	84	1.5	276	
08:01 ~ 09:00		38	0.001	0.009	0.010	0.001	0.2	0.2	19.0	86	1.7	298	
09:01 ~ 10:00		34	0.002	0.010	0.012	0.001	0.2	0.2	20.4	79	1.4	306	
最小小時平均		29	<0.001	0.007	0.008	0.001	0.2	0.2	18.5	48	<0.2	-	
最大小時平均		46	0.002	0.014	0.014	0.002	0.4	0.3	28.5	86	1.7	-	
日8小時或日平均值 及最頻風向		38	0.001	0.011	0.011	0.001	0.2	0.2	21.6	72	1.0	W	

備註:

1. TSP監測方法: NIEA A102.13A; PM₁₀監測方法: NIEA A206.11C;
NO_x監測方法: NIEA A417.13C; SO₂監測方法: NIEA A416.14C;
CO監測方法: NIEA A421.13C。
2. 當風速<0.2 m/s時, 風向以靜風表示, 不列入最頻風向計算。
3. 實驗室濾紙收樣日期/時間: 113年12月13日16時30分。

採樣或化驗單位: 建利環保顧問股份有限公司

採樣人員: 蕭文榮、許銘晉

化驗人員: 張惠雯

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0112269

E051

13.14-1100401

環境品質監測現場狀況記錄表

監測地點	保東國小	監測人員	湯承恩 劉文豪 許銘
專案編號	GD113021152	監測日期時間	113年12月9日10時00分至 113年12月10日10時00分
樣品編號	021152	收樣日期時間	113年12月10日11時18分
氣象 溫 23.1 濕 55.1 風 0.4 風 4° 大氣 761 天氣 ☒ 晴 ☐ 陰 資料 度℃ 度% 速 m/s 向 壓力 mmHg 描述 ☐			
噪音及振動 測點麥克風高度: _____ m(1.2~1.5m) 最近道路寬度: _____ m 最近道路距離: _____ m 最近障礙物距離: _____ m(室外>3.5m) 最近降雨日期: _____ 測量時間最大風速為 _____ m/s 其它: _____		空氣品質監測 空品車採樣進氣口離地面距離(3~15m): 3.6 m PM _{2.5} 採樣進氣口離地面距離(2.0±0.2m): 1.96 m 採樣進氣口離支撐結構距離(>1m): 71 m 採樣進氣口與牆壁或樓層之水平距離(>1m): 71 m 採樣進氣口周圍開放角度(>270°): 7190 度 鄰近建築物之牆邊開放角度(>180°): 7180 度 採樣進氣口與屋簷線之距離(>20m): 720 m 採樣進氣口與樹簷線之距離(>10m): 710 m 採樣進氣口與道路間之距離(>10m): 710 m 其它: _____	
噪音監測類別: ☐ 環境噪音 ☐ 交通噪音 ☐ 固定音源 ☐		動特性: ☐ Fast ☐ Slow ☐ 10ms 頻率加權: ☐ A ☐ C ☐ Flat 加權 噪音特性: ☐ 穩定 ☐ 變動 ☐ 間歇 ☐ 衝擊	
監測相關位置圖描述: ●代表測點 			
時間	現場環境狀況說明		
11/9 10:00	監測期間, 台19甲車輛往來通行頻繁, 偶有車輛進出		
5	保東國小, 其他無任何異常。		
12/10 10:00			
	第 5 頁(共 7 頁)		
備註: 1. 噪音測量時間內若風速超過 5 m/s 以上需提出防風罩原廠規範及功能報告。			

審核者:

楊保樹

14.01-1130109

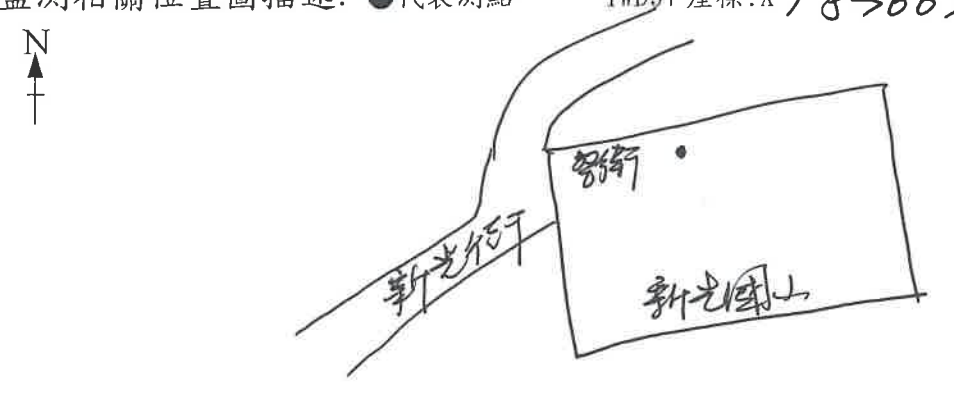
環境品質監測現場狀況記錄表

監測地點	佛聖寺	監測人員	劉文英、謝觀
專案編號	GD113O21155	監測日期時間	113年12月10日13時00分至 113年12月11日13時00分
樣品編號	O21155-01	收樣日期時間	113年12月11日14時10分
氣象資料	溫 26.0 濕 51.5 風 1.6 度℃ 度% 速 m/s	風 95° 大氣 759 天氣 ☒ 晴 ☐ 陰 向 壓力 mmHg 描述 ☐	
噪音及振動		空氣品質監測	
測點麥克風高度: _____ m(1.2~1.5m)		空品車採樣進氣口離地面距離(3~15m): 3.6 m	
最近道路寬度: _____ m		PM _{2.5} 採樣進氣口離地面距離(2.0±0.2m): 1.97 m	
最近道路距離: _____ m		採樣進氣口離支撐結構距離(>1m): >1 m	
最近障礙物距離: _____ m(室外>3.5m)		採樣進氣口與牆壁或樓層之水平距離(>1m): >1 m	
最近降雨日期: _____		採樣進氣口周圍開放角度(>270°): >270 度	
測量時間最大風速為 _____ m/s		鄰近建築物之牆邊開放角度(>180°): 270 度	
其它: _____		採樣進氣口與屋簷線之距離(>20m): >20 m	
噪音監測類別:		採樣進氣口與樹簷線之距離(>10m): >10 m	
☐ 環境噪音 ☐ 交通噪音 ☐ 固定音源		採樣進氣口與道路間之距離(>10m): >10 m	
☐		其它: _____	
動特性: ☐ Fast ☐ Slow ☐ 10ms			
頻率加權: ☒ A ☐ C ☐ Flat 加權			
噪音特性: ☐ 穩定 ☐ 變動 ☐ 間歇 ☐ 衝擊			
監測相關位置圖描述: ●代表測點 TWD97 座標: X 181850 Y 2546090			
時間	現場環境狀況說明		
113.12.10 13:00	監測期間內, 寺附近, 有焚燒, 柏樹, 柏樹, 落葉, 其他任何異常狀況。		
113.12.11 13:00			
備註: 1. 噪音測量時間內若風速超過 5 m/s 以上需提出防風罩原廠規範及功能報告。			

审核者：

14.01-1130109

環境品質監測現場狀況記錄表

監測地點	新光國小	監測人員	(蕭文華, 許銘晉)
專案編號	GD113O21165	監測日期時間	113年12月12日10時00分至 113年12月13日10時00分
樣品編號	O21165-01	收樣日期時間	113年12月13日11時33分
氣象資料	溫 29.0 濕 66.6 風 0.8 度℃ 度% 速 m/s	風 279° 大氣 758 向 壓力 mmHg	天氣 ☒ 晴 ☐ 陰 描述 ☐
噪音及振動 測點麥克風高度: _____ m (1.2~1.5m) 最近道路寬度: _____ m 最近道路距離: _____ m 最近障礙物距離: _____ m (室外>3.5m) 最近降雨日期: _____ 測量時間最大風速為 _____ m/s 其它: _____ 噪音監測類別: ☐ 環境噪音 ☐ 交通噪音 ☐ 固定音源 ☐ 動特性: ☐ Fast ☐ Slow ☐ 10ms 頻率加權: ☒ A ☐ C ☐ Flat 加權 噪音特性: ☐ 穩定 ☐ 變動 ☐ 間歇 ☐ 衝擊		空氣品質監測 空品車採樣進氣口離地面距離(3~15m): 2.6 m PM _{2.5} 採樣進氣口離地面距離(2.0±0.2m): 1.94 m 採樣進氣口離支撐結構距離(>1m): >1 m 採樣進氣口與牆壁或樓層之水平距離(>1m): >1 m 採樣進氣口周圍開放角度(>270°): >270 度 鄰近建築物之牆邊開放角度(>180°): >180 度 採樣進氣口與屋簷線之距離(>20m): >20 m 採樣進氣口與樹簷線之距離(>10m): >10 m 採樣進氣口與道路間之距離(>10m): >10 m 其它: _____	
監測相關位置圖描述: ●代表測點 TWD97 座標: X 183663 Y 2541326 			
時間	現場環境狀況說明		
12/12 10:00	吊網/刺網/防鳥網		
12/13 10:00			
	第 7 頁 (共 7 頁)		
備註: 1. 噪音測量時間內若風速超過 5 m/s 以上需提出防風罩原廠規範及功能報告。			

審核者: 楊得村

14.01-1130109

檢驗專案編號：GD113 021152

表五. 空氣中總懸浮微粒(TSP)之污染物檢測記錄表(續一)

管制編號		排放單元編號									
1. 公私場所名稱：保東國小		2. 採樣日期：113年12月9~10日									
3. 採樣人簽名：湯承恩 (葉文策)		4. 記錄人簽名：湯承恩									
基本資料	5. 大氣壓力 Pa (mmHg)	採樣前	採樣後	平均值	6. 溫度 T (°C)	採樣前	採樣後	平均值			
		761	760	760		22.0	24.0	23.0			
二. 現場採樣結果記錄	1. 採樣點編號	2. 樣品編號	3. 採樣泵編號	4. 採樣時間資料 (以 0~23 時之記錄式表示)		5. 流量讀數 (m³/min)		6. 採樣氣體體積 V(m³)	7. 採樣位置附近地面植被狀況說明		
				起	迄	T(min)	起 Qs	迄 Qe			
	021152-BK	0467	E01-8	12/08:18	12/08:31			11			
	021152-01	0468	E01-8	12/10:00	12/10:00	1440	1.40	1.40	2016 地磚		
三. 採樣點位置標示	12			現場驗算人員簽名：葉文策							
	↑ 往保東國小 台19甲 往保東國小一段										
四. 實驗室分析結果記錄	1. 分析人員簽章：張惠亭		2. 分析日期：113年12月11-13日		3. 樣品編號		4. 濾紙編號	5. 濾紙採集前重 Ws(g)	6. 濾紙採集後重 We(g)	7. 粒狀物捕集重 W(g)	8. 粒狀污染物濃度 C(μg/m³)
	021152-BK		0467		3.6382	3.6380	-0.0002	*			
	021152-01		0468		3.6379	3.8053	0.1674	83			
驗算人員簽章：李銘珣										頁次	

註：1. $V = [(Q_s + Q_e) / 2] \times T$

2. $C = (W / V) \times 1000000$

	SO2	NOx	NO	NO2	CO	風向	風速	溫度	濕度	PM10	
12/9/2024	10:00:00	1.9	13.7	2.6	11.1	0.40	358	0.6	23.8	53.6	80
12/9/2024	11:00:00	1.6	13.1	2.3	10.8	0.29	340	0.6	24.9	51.1	90
12/9/2024	12:00:00	1.3	11.3	1.5	9.8	0.21	329	0.7	25	49.8	55
12/9/2024	13:00:00	1.5	10.3	0.8	9.5	0.22	339	0.7	25.5	49.5	32
12/9/2024	14:00:00	1.6	11.5	0.7	10.8	0.13	334	0.7	25.5	51.1	22
12/9/2024	15:00:00	1.7	15.6	0.7	14.9	0.15	323	0.8	24.8	56.6	23
12/9/2024	16:00:00	1.6	18.3	0.6	17.7	0.17	326	0.8	23.2	64.2	33
12/9/2024	17:00:00	1.3	21.3	0.6	20.7	0.19	326	0.7	21.6	70.8	40
12/9/2024	18:00:00	1.5	18.9	0.5	18.4	0.17	334	0.5	21.1	73.2	48
12/9/2024	19:00:00	1.4	13.4	0.4	13.0	0.17	344	0.3	20.3	75.8	55
12/9/2024	20:00:00	1.1	13.7	0.4	13.3	0.16	5	0.3	19.5	79.4	37
12/9/2024	21:00:00	1.1	12.4	0.3	12.1	0.17	348	0.6	18.8	83.5	25
12/9/2024	22:00:00	0.8	12.7	0.3	12.4	0.18	346	0.6	18.3	86.3	23
12/9/2024	23:00:00	0.8	12.8	0.4	12.4	0.18	336	0.7	17.9	88.9	24
12/10/2024	00:00:00	0.8	13.4	0.4	13.0	0.21	334	0.6	17.7	90	28
12/10/2024	01:00:00	0.7	16.4	0.4	16.0	0.21	338	0.5	17.4	91.6	31
12/10/2024	02:00:00	0.7	15.8	0.4	15.4	0.20	345	0.4	17.3	91.9	26
12/10/2024	03:00:00	0.9	17.7	0.4	17.3	0.21	352	0.4	17.2	91.3	34
12/10/2024	04:00:00	0.8	15.3	0.4	14.9	0.24	353	0.6	16.9	92.1	31
12/10/2024	05:00:00	0.8	16.7	0.5	16.2	0.25	350	0.2	16.6	93.2	24
12/10/2024	06:00:00	1.4	19.8	0.9	18.9	0.31	0	0.4	16.5	93.2	30
12/10/2024	07:00:00	2.1	20.3	2.5	17.8	0.36	352	0.2	17.2	90.4	33
12/10/2024	08:00:00	3.3	21.7	3.2	18.5	0.42	359	0.3	20.5	79	83
12/10/2024	09:00:00	1.9	19.3	3.3	16.0	0.38	349	0.5	23.6	65	67

周界中粒狀污染物初稱記錄

秤重日期：113/10/23-10/25

初稱者：張惠雯 10/25

審核者/日期：許巧文

K

113/10/25

濾紙編號	秤重1(g)	秤重2(g)	秤重3(g)	秤重4(g)	秤重5(g)	備註
0456	3.6510	3.6505	*	*	*	A30929-02
0457	3.6498	3.6496	*	*	*	A30929-03
0458	3.6402	3.6396	*	*	*	
0459	3.6472	3.6467	*	*	*	
0460	3.6471	3.6469	*	*	*	
0461	3.6430	3.6426	*	*	*	
0462	3.6466	3.6462	*	*	*	
0463	3.6458	3.6455	*	*	*	
0464	3.6390	3.6385	*	*	*	
0465	3.6403	3.6397	*	*	*	021146-BK
0466	3.6370	3.6364	*	*	*	021146-01
0467	3.6388	3.6382	*	*	*	021152-BK
0468	3.6381	3.6379	*	*	*	021152-01
0469	3.6327	3.6324	*	*	*	
0470	3.6397	3.6393	*	*	*	
以下空白			*	*	*	
			*	*	*	
			*	*	*	
			*	*	*	
			*	*	*	
			*	*	*	
			*	*	*	
			*	*	*	
			*	*	*	
			*	*	*	

表五. 空氣中總懸浮微粒(TSP)之污染物檢測記錄表(續一)

管制編號 ※ ※ ※ ※ ※ ※ ※ ※ ※										排放單元編號 ※ ※ ※ ※			
一. 基本資料	1. 公私場所名稱：佛聖寺					2. 採樣日期：113 年 12 月 10-11 日							
	3. 採樣人簽名：(葉文華)					4. 記錄人簽名：(葉文華)							
	5. 大氣壓力 Pa (mmHg)		採樣前	採樣後	平均值	6. 溫度 T (°C)		採樣前	採樣後	平均值			
		759	758	758			29.5	27.4	25.4				
二. 現場採樣結果記錄	1. 採樣點編號	2. 樣品編號	3. 採樣泵編號	4. 採樣時間資料 (以 0~23 時之記錄式表示)		5. 流量讀數 (m³/min)		6. 採樣氣體體積 V(m³)	7. 採樣位置附近地面植被狀況說明				
				起	迄	T(min)	起 Qs	迄 Qe					
	021155-BK	0469	501-8	11:51	11:54								
	021155-01	0470	501-8	17:00	17:00	1440	1.40	1.75	1908	水泥地			
三. 採樣點位置標示						現場驗算人員簽名： 168-1							
四. 實驗室分析結果記錄	1. 分析人員簽章：張惠雯					2. 分析日期：113 年 12 月 13-16 日							
	3. 樣品編號	4. 濾紙編號	5. 濾紙採集前重 Ws(g)	6. 濾紙採集後重 We(g)	7. 粒狀物捕集重 W(g)	8. 粒狀污染物濃度 C(μg/m³)							
	021155-BK	0469	3.6324	3.6330	0.0006	*							
	021155-01	0470	3.6393	3.7886	0.1493	75							
驗算人員簽章：李麗琪										頁次			

註：1. $V = [(Q_s + Q_e) / 2] \times T$

2. $C = (W / V) \times 1000000$

	SO2	NOx	NO	NO2	CO	風向	風速	溫度	濕度	PM10	
12/10/2024	13:00:00	1.3	7.0	2.2	4.8	0.28	83	1.1	26.1	50.9	30
12/10/2024	14:00:00	1.5	6.6	0.7	5.9	0.26	95	0.9	25.9	53.0	40
12/10/2024	15:00:00	1.2	5.6	0.8	4.8	0.23	109	1.0	24.8	59.0	48
12/10/2024	16:00:00	0.9	6.1	0.6	5.5	0.24	111	1.1	23.4	64.0	48
12/10/2024	17:00:00	1.2	8.2	0.4	7.8	0.17	105	0.6	22.4	69.0	49
12/10/2024	18:00:00	1.3	9.9	0.2	9.7	0.17	110	0.1	21.3	74.7	46
12/10/2024	19:00:00	1.2	13.3	1.4	11.9	0.17	95	0.1	19.7	84.8	39
12/10/2024	20:00:00	1.8	10.5	0.1	10.4	0.16	104	0.2	19.7	86.3	37
12/10/2024	21:00:00	0.7	7.0	0.4	6.6	0.23	266	0.6	17.9	92.6	37
12/10/2024	22:00:00	0.4	5.2	0.9	4.3	0.19	272	0.1	16.9	95.1	30
12/10/2024	23:00:00	0.4	5.3	1.5	3.8	0.20	276	0.3	16.4	96.0	30
12/11/2024	00:00:00	0.3	4.9	1.0	3.9	0.25	281	0.1	16.7	97.5	18
12/11/2024	01:00:00	0.4	5.7	1.8	3.9	0.23	266	0.1	16.6	97.0	19
12/11/2024	02:00:00	0.4	4.6	1.2	3.4	0.26	278	0.3	15.9	97.6	21
12/11/2024	03:00:00	0.4	7.2	0.4	6.8	0.23	60	0.2	16.7	98.8	19
12/11/2024	04:00:00	0.5	11.0	0.0	11.0	0.33	92	0.2	17.3	98.2	35
12/11/2024	05:00:00	0.6	12.2	0.2	12.0	0.38	77	0.1	17.3	97.4	47
12/11/2024	06:00:00	0.6	15.0	1.7	13.3	0.37	92	0.1	17.1	96.7	49
12/11/2024	07:00:00	0.8	21.9	7.0	14.9	0.47	105	0.5	17.6	94.6	49
12/11/2024	08:00:00	1.3	18.6	5.1	13.5	0.46	130	0.5	19.6	84.0	57
12/11/2024	09:00:00	1.0	11.1	1.8	9.3	0.42	117	1.0	21.8	72.3	50
12/11/2024	10:00:00	1.3	12.1	1.6	10.5	0.45	111	1.2	23.9	63.5	44
12/11/2024	11:00:00	1.5	11.5	1.7	9.8	0.39	122	1.0	25.9	55.9	41
12/11/2024	12:00:00	1.2	6.3	0.8	5.5	0.33	140	0.9	27.3	49.9	52

胡文榮

周界中粒狀污染物初稱記錄

秤重日期：113/10/23-10/25

初稱者：張惠雯 10/25

審核者/日期：

許巧文

K

濾紙編號	秤重1(g)	秤重2(g)	秤重3(g)	秤重4(g)	秤重5(g)	備註
0456	3.6510	3.6505	*	*	*	A3092902
0457	3.6498	3.6496	*	*	*	A3092903
0458	3.6402	3.6396	*	*	*	
0459	3.6472	3.6467	*	*	*	
0460	3.6471	3.6469	*	*	*	
0461	3.6430	3.6426	*	*	*	
0462	3.6466	3.6462	*	*	*	
0463	3.6458	3.6455	*	*	*	
0464	3.6390	3.6385	*	*	*	
0465	3.6403	3.6397	*	*	*	021146-BK
0466	3.6370	3.6364	*	*	*	02114601
0467	3.6388	3.6382	*	*	*	021152-BK
0468	3.6381	3.6379	*	*	*	02115201
0469	3.6327	3.6324	*	*	*	021155-BK
0470	3.6397	3.6393	*	*	*	02115501
以下空白			*	*	*	
			*	*	*	
			*	*	*	
			*	*	*	
			*	*	*	
			*	*	*	
			*	*	*	
			*	*	*	
			*	*	*	
			*	*	*	

表五. 空氣中總懸浮微粒(TSP)之污染物檢測記錄表(續一)

管制編號		※	※	※	※	※	※	※	※	排放單元編號		※	※	※	※
一. 基本資料	1. 公私場所名稱：新光國小									2. 採樣日期：113 年 12 月 12-13 日					
	3. 採樣人簽名：(劉文華)									4. 記錄人簽名：(劉文華)					
	5. 大氣壓力 Pa (mmHg)		採樣前	採樣後	平均值	6. 溫度 T (°C)		採樣前	採樣後	平均值					
		758	760	759			22.9	21.2	22.0						
二. 現場採樣結果記錄	1. 採樣點編號	2. 樣品編號	3. 採樣泵編號	4. 採樣時間資料 (以 0~23 時之記錄式表示)		5. 流量讀數 (m³/min)		6. 採樣氣體體積 V(m³)		7. 採樣位置附近地面植被狀況說明					
				起	迄	T(min)	起 Qs	迄 Qe							
	021165-BK	0471	E01-8	12:08:50	12:08:53										
	021165-01	0472	E01-8	12:10:00	12:10:00	1440	1.40	1.40	2016	地磚					
三. 採樣點位置標示										現場驗算人員簽名：許銘珣					
四. 實驗室分析結果記錄	1. 分析人員簽章：									2. 分析日期：113 年 12 月 18-20 日					
	3. 樣品編號	4. 濾紙編號	5. 濾紙採集前重 Ws(g)		6. 濾紙採集後重 We(g)		7. 粒狀物捕集重 W(g)		8. 粒狀污染物濃度 C(μg/m³)						
	021165-BK	0471	7.6264		7.6269		0.0005		✕						
	021165-01	0472	7.6473		7.8006		0.1533		76						
驗算人員簽章：李銘珣															
頁次															

註：1. $V = [(Q_s + Q_e) / 2] \times T$ 2. $C = (W/V) \times 1000000$

	SO2	NOx	NO	NO2	CO	風向	風速	溫度	濕度	PM10	
12/12/2024	10:00:00	1.1	9.5	2.4	7.1	0.43	351	0.1	23.8	64.3	42
12/12/2024	11:00:00	1.0	8.5	1.2	7.3	0.40	287	0.3	25.1	60.3	40
12/12/2024	12:00:00	1.8	8.8	0.7	8.1	0.35	280	0.4	27.3	52.9	44
12/12/2024	13:00:00	1.7	8.0	0.5	7.5	0.31	286	0.2	28.5	47.8	43
12/12/2024	14:00:00	1.6	7.6	0.4	7.2	0.34	281	0.3	28.0	49.0	43
12/12/2024	15:00:00	1.7	9.7	0.5	9.2	0.32	280	0.7	26.2	54.9	41
12/12/2024	16:00:00	1.6	11.6	0.1	11.5	0.27	273	1.0	24.5	61.3	44
12/12/2024	17:00:00	1.3	13.1	0.0	13.1	0.31	244	1.1	23.3	65.9	46
12/12/2024	18:00:00	1.2	11.5	0.4	11.1	0.25	272	1.2	22.2	70.4	41
12/12/2024	19:00:00	1.2	11.0	0.1	10.9	0.17	312	1.4	21.1	73.5	39
12/12/2024	20:00:00	1.6	12.0	0.5	11.5	0.19	297	1.2	20.3	75.9	37
12/12/2024	21:00:00	1.6	12.8	0.2	12.6	0.24	321	1.0	19.9	76.9	38
12/12/2024	22:00:00	1.5	13.2	0.0	13.2	0.16	227	0.8	19.6	78.6	34
12/12/2024	23:00:00	1.3	14.0	0.2	13.8	0.16	240	0.9	19.2	79.6	39
12/13/2024	00:00:00	1.4	13.6	0.3	13.3	0.20	116	1.1	18.9	80.4	38
12/13/2024	01:00:00	1.3	13.6	0.3	13.3	0.21	284	1.1	18.7	81.1	34
12/13/2024	02:00:00	1.5	12.9	0.4	12.5	0.23	88	1.2	18.6	81.7	31
12/13/2024	03:00:00	1.2	11.9	0.5	11.4	0.16	279	1.2	18.5	82.7	29
12/13/2024	04:00:00	1.2	11.9	0.2	11.7	0.17	286	1.6	18.5	83.8	29
12/13/2024	05:00:00	1.3	10.7	0.3	10.4	0.18	240	1.3	18.5	83.4	29
12/13/2024	06:00:00	1.7	11.1	0.1	11.0	0.15	336	1.3	18.6	83.5	33
12/13/2024	07:00:00	1.1	10.2	0.4	9.8	0.24	276	1.5	18.7	84.3	35
12/13/2024	08:00:00	0.8	9.7	0.9	8.8	0.24	298	1.7	19.0	86.0	38
12/13/2024	09:00:00	1.0	12.0	2.0	10.0	0.23	306	1.4	20.4	79.0	34

(劉) 文 華

周界中粒狀污染物初稱記錄

秤重日期：113/10/25-10/28

初稱者：張惠雯 10/28

審核者/日期：許巧文 10/29

K

濾紙編號	秤重1(g)	秤重2(g)	秤重3(g)	秤重4(g)	秤重5(g)	備註
0471	3.6270	3.6264	*	*	*	021165-BK
0472	3.6476	3.6473	*	*	*	021165-01
0473	3.6333	3.6328	*	*	*	021173-BK
0474	3.6264	3.6260	*	*	*	021173-01
0475	3.6382	3.6379	*	*	*	021179-BK
0476	3.6317	3.6312	*	*	*	021179-01
0477	3.6286	3.6282	*	*	*	
0478	3.6327	3.6323	*	*	*	
0479	3.6277	3.6272	*	*	*	
0480	3.6277	3.6273	*	*	*	
0481	3.6330	3.6324	*	*	*	
0482	3.6175	3.6172	*	*	*	
0483	3.6142	3.6138	*	*	*	
0484	3.6131	3.6127	*	*	*	
0485	3.6158	3.6154	*	*	*	
0486	3.6075	3.6071	*	*	*	
0487	3.6211	3.6206	*	*	*	
0488	3.6940	3.6936	*	*	*	
0489	3.6928	3.6926	*	*	*	
0490	3.6837	3.6832	*	*	*	
0491	3.6825	3.6822	*	*	*	
0492	3.6860	3.6856	*	*	*	
0493	3.6776	3.6773	*	*	*	
0494	3.6831	3.6828	*	*	*	
0495	3.6727	3.6723	*	*	*	

空氣品質檢測報告
環境部國環檢證字第036號

檢驗室名稱：華光工程顧問股份有限公司環工部環境檢驗室

檢驗室地址：高雄市前鎮區新衙路288-8號1樓

聯絡人：林俊利

客戶名稱：建利環保顧問股份有限公司

計畫名稱：陸軍砲兵訓練指揮部關廟湯山營區第三條聯外道路、場區連絡道A段擴、整建工程環境監測工作

計畫編號：06506

業 別： 検測業

樣品特性：空氣

檢測目的：環境監測

聯絡電話：(07)811-1798 轉7313

傳 真 : (07)811-1827

報告編號：06506-A65-03

樣品編號：A1131267-03

採樣單位：建利環保顧問股份有限公司

(許可證字號：環境部國環檢證字第055號)

採樣方法：NIEA A205.11C

收樣日期：113年12月10日

報告日期：113年12月20日

[illegible]

備註：1. 本報告已由核可報告簽署人審核無誤，並簽署於內部報告文件，簽署人如下：

空氣採樣類： 陳美芳(FJA-03)

2.低於方法偵測極限之測定值以"ND"表示，並於備註欄註明其方法偵測極限(MDL)。

3.本審由本檢驗室提供濾紙，經採樣單位依採樣方法NIEA A205.11C採樣後委由本檢驗室進行分析，

樣品基本資料均為採樣單位提供，採樣總體積為 24.035 m³

4. 本報告僅對該樣品負責，並不得隨意複製及作為宣傳廣告之用。

5.本報告共1頁，分離使用無效。

6.採樣行程代碼：GDAB24120018

聲明書：(一)茲保證本報告內容完全依照行政院環保署及有關機關之標準方法及品保品管等相關規定，秉持公正、誠實進行採樣、檢測與鑑定，如有違反，除政府機關所受損失願負連帶賠償之責任外，並接受主管機關依法令所為之行政處分及刑事處罰。

(二)吾人瞭解如自身受政府機關委任從事公務，亦屬於刑法上之公務員，並瞭解刑法上圖利罪，公務員登載不實偽造公文書及貪污罪等相關規定，

如有違反本局為刑法公害污治罪條例之適用對象，願受最嚴厲之法律制裁。

公司名稱：華光工程顧問股份有限公司

負責人(簽章):

檢驗室主管/報告簽署 (簽名蓋章)

環工部
經理
林俊利
(簽名章)

主管室檢驗
沈依潔



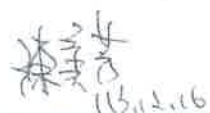
附 件 資 料

空氣中懸浮微粒(PM_{2.5})分析紀錄表-1 頁

細懸浮微粒(PM_{2.5})濾紙稱重紀錄表-1 頁

PM_{2.5} 樣品監控表-1 頁

空氣中懸浮微粒(PM_{2.5})分析紀錄表

計畫名稱	陸軍砲兵訓練指揮部關廟湯山營區第三條聯外道路、場區連絡道A段擴、 整建工程環境監測工作		
計畫編號	06506	測點編號	O21152-01
採樣地點	保東國小		
開始時間	113 年 12 月 9 日 10 時 00 分		
結束時間	113 年 12 月 10 日 10 時 00 分		
現場空白濾紙編號	W35044657	運送空白濾紙編號	W35044656
採樣濾紙編號	W35044655	實驗空白濾紙編號	W35044651
採樣前濾紙稱值時間	113 年 12 月 2 ~ 3 日		
採樣前濾紙稱值(W _i)	176265.0 μg		
採樣後濾紙稱值時間	113 年 12 月 13 ~ 16 日		
採樣後濾紙稱值(W _f)	176676.0 μg		
微粒捕集重(W _f -W _i)	411.0 μg		
採樣總體積(V _a)	24.035 m^3		
PM _{2.5} 質量濃度	17.100 $\mu\text{g}/\text{m}^3$		
備註 1：PM _{2.5} 質量濃度計算式如下：PM _{2.5} = (W _f - W _i) / V _a			
審核者		驗算人員	 填表人 

細懸浮微粒(PM_{2.5})濾紙稱重紀錄表

濾紙編號	採樣前濾紙樣品恆重Wi(mg)					採樣後濾紙樣品恆重Wf(mg)					前後重量差(μg)					
	初稱(1) 日期時間	初稱(1) (mg)	初稱(2) 日期時間	初稱(3) 日期時間	初稱(3) (mg)	重量差 (≤5 μg)	平均 (mg)	終稱(1) 日期時間	終稱(1) (mg)	終稱(2) 日期時間		終稱(2) (mg)	終稱(3) 日期時間	終稱(3) (mg)	重量差 (≤15 μg)	平均 (mg)
100mg(C)	2024/12/2 13:23	100.005	2024/12/3 11:18	100.003	100.004	-2	100.0040	2024/12/13 9:23	100.005	2024/12/16 9:39	100.004			-1	100.0045	0.5
200mg(C)	2024/12/2 13:23	200.011	2024/12/3 11:18	200.011	200.0110	0	200.0110	2024/12/13 9:24	200.012	2024/12/16 9:39	200.010			-2	200.0110	0.0
W35044651(LBK)	2024/12/2 13:24	155.975	2024/12/3 11:19	155.972	155.9735	-3	155.9735	2024/12/13 9:25	155.986	2024/12/16 9:40	155.986			0	155.9860	12.5
W35044652	2024/12/2 13:25	155.622	2024/12/3 11:20	155.620	155.6210	-2	155.6210	2024/12/13 9:26	155.982	2024/12/16 9:41	155.968			-14	155.9750	354.0
W35044652R	2024/12/2 13:26	155.617	2024/12/3 11:20	155.618	155.6175	1	155.6175	2024/12/13 9:26	155.979	2024/12/16 9:42	155.966			-13	155.9725	355.0
W35044653(TBK)	2024/12/2 13:27	156.225	2024/12/3 11:20	156.225	156.2250	0	156.2250	2024/12/13 9:27	156.233	2024/12/16 9:42	156.238			5	156.2355	10.5
W35044654(FBK)	2024/12/2 13:28	158.117	2024/12/3 11:21	158.116	158.1165	-1	158.1165	2024/12/13 9:28	158.133	2024/12/16 9:43	158.135			2	158.1340	17.5
W35044655	2024/12/2 13:29	176.267	2024/12/3 11:21	176.263	176.2650	-4	176.2650	2024/12/13 9:28	176.683	2024/12/16 9:44	176.669			-14	176.6760	411.0
W35044655R	2024/12/2 13:29	176.269	2024/12/3 11:22	176.267	176.2680	-2	176.2680	2024/12/13 9:29	176.684	2024/12/16 9:44	176.670			-14	176.6770	409.0
W35044656(TBK)	2024/12/2 13:30	162.335	2024/12/3 11:22	162.331	162.3330	-4	162.3330	2024/12/13 9:30	162.338	2024/12/16 9:45	162.342			4	162.3400	7.0
W35044657(FBK)	2024/12/2 13:31	162.060	2024/12/3 11:23	162.057	162.0585	-3	162.0585	2024/12/13 9:30	162.066	2024/12/16 9:46	162.069			3	162.0675	9.0
W35044658	2024/12/2 13:32	163.080	2024/12/3 11:23	163.077	163.0785	-3	163.0785	2024/12/13 9:31	163.470	2024/12/16 9:46	163.455			-15	163.4625	384.0
W35044658R	2024/12/2 13:32	163.077	2024/12/3 11:24	163.075	163.0760	-2	163.0760	2024/12/13 9:31	163.468	2024/12/16 9:47	163.457			-11	163.4625	386.5
W35044659(TBK)	2024/12/2 13:33	163.347	2024/12/3 11:24	163.343	163.3450	-4	163.3450	2024/12/13 9:32	163.351	2024/12/16 9:47	163.352			1	163.3515	6.5
W35044660(FBK)	2024/12/2 13:34	162.884	2024/12/3 11:24	162.884	162.8815	5	162.8815	2024/12/13 9:33	162.886	2024/12/16 9:48	162.890			4	162.8880	6.5
100mg(C)	2024/12/2 13:35	100.004	2024/12/3 11:25	100.004	100.0040	0	100.0040	2024/12/13 9:33	100.004	2024/12/16 9:49	100.003			-1	100.0035	-0.5
200mg(C)	2024/12/2 13:37	200.010	2024/12/3 11:25	200.010	200.0100	0	200.0100	2024/12/13 9:34	200.011	2024/12/16 9:49	200.009			-2	200.0100	0.0
註明：重復稱重 ≤ 10 μg (前後差) ☒ 符合 ☐ 不符合																
現場空白 ≤ 30 μg (與初稱差) ☒ 符合 ☐ 不符合																
溫度環境24hr內小時平均變化在±2℃ ☒ 符合 ☐ 不符合																
溫度環境20~23℃ ☒ 符合 ☐ 不符合																
濕度環境24hr內小時平均變化在±5% ☒ 符合 ☐ 不符合																
實驗室空白 ≤ 15 μg (與初稱差) ☒ 符合 ☐ 不符合																
濕度範圍 30~40% ☒ 符合 ☐ 不符合																
審核者	填表人	備註:														

PM_{2.5}樣品監控表

計畫編號	06506	採樣負責人	建利	採樣日期	113.12.09-10
測點編號	樣品監控				
	濾紙編號	執行時間	濾紙回收時間	樣品編號	
021152-01	W35044655	12/9 10:00 - 12/10 10:00	12/10 1030	A1131267-03	
021152-TBK	W35044656	12/9 08:15	12/10 1033	↓ -03(T)	
021152-FBK	W35044657	12/9 0945	12/9 0945	↓ -03(F)	

樣品運送	
運送方式	☐ 低溫快遞 ☐ 自行送回
運送人員 / 時間	建利 湯承恩 12月10日15時30分

樣品登錄查核
1.密封： ☒ 是 ☐ 否；若否、濾紙編號：
2.標示： ☒ 是 ☐ 否；若否、濾紙編號：
3.容器破損： ☐ 是 ☒ 否；若是、濾紙編號：
4.保存溫度： ☒ (4~25℃) 16℃ ☐ (4℃以下) _____℃
5.樣品轉包： ☐ 是 ☒ 否 公司名稱：
6.樣品接收時間(存放無塵室傳遞箱)：12月10日15時31分
7.取出濾紙開始調理時間：12月10日15時36分 分析人員：蔡沛龍 濾紙回收至開始調理時間小於24小時 ☒ 是 ☐ 否；若否、濾紙編號：
8.其他異常狀況說明：
審核者：建利 113.12.10 樣品管理員：12/10 陳盈祐

空氣中懸浮微粒(PM_{2.5})現場採樣記錄

管制編號		周界編號						
一、基本資料	1. 公私場所名稱: <u>保東國小</u>				2. 採樣日期: <u>113</u> 年 <u>12</u> 月 <u>9</u> ~ <u>10</u> 日			
	3. 採樣人簽名: <u>湯承恩</u> (簽名)				4. 記錄人簽名: <u>湯承恩</u> (簽名)			
	5. 大氣壓力 Pa (mmHg)	採樣前	採樣後	平均值	6. 溫度 T (°C)	採樣前	採樣後	平均值
		<u>763</u>	<u>761</u>	<u>762</u>		<u>22.2</u>	<u>23.4</u>	<u>22.8</u>
二、現場採樣結果記錄	1. 現場編號	2. 樣品編號	3. 採樣器編號	4. 採樣時間資料 (以 0~23 時之記錄式表示)	5. 流率讀數 (L/min)	6. 採樣總體積 V(m³)	7. 24 小時最頻風向	
				開始	結束	開始 Qs	結束 Qe	
	<u>021152-FBK</u>	<u>W35044 657</u>	<u>1670</u>	<u>11/09:42</u>	<u>11/09:45</u>	<u>11</u>		
	<u>021152-01</u>	<u>W35044 655</u>	<u>1670</u>	<u>11/10:00</u>	<u>11/10:00</u>	<u>1440</u>	<u>16.69</u> <u>16.77</u> <u>24.035</u> *	
三、採樣點位置標示	1. 採樣口離地高度: <u>1.76</u> m							
	2. 監測相關位置圖描述 (主要道路、疑似污染源之方位、距離、施工作業)							
四、環境影響因子說明								
	備註: 儀器訊號顯示 P=發生斷電狀態 Q=流量變異超過±5% F=戶外溫度跟濾紙溫度相差超過5°C且持續超過30分鐘 T=採樣時間少於23小時50分鐘 M=記憶體已滿 G=交直流電切換之瞬間凸波 環境因子敘述(如營建工程、火災、沙塵暴、異常天候)。 <u>無</u>							
五、實驗室分析結果記錄	1. 樣品編號	2. 濾紙編號	3. 採樣前濾紙樣品重量 Wi (μg)	4. 採樣後濾紙樣品重量 Wf (μg)	5. 重量差 Wf-Wi (μg)	6. PM _{2.5} 質量濃度 (μg/m³)		
						<u>OK</u> PM _{2.5} 質量濃度計算式: PM _{2.5} = (Wf - Wi) / Va		
報告簽署人簽章: <u>OK</u>			驗算人員簽章: <u>OK</u>			頁次		

檢驗專案編號： 6113 04152

三、採樣分析記錄——採樣與分析過程之樣品核對記錄表

[illegible]

BGI PQ200 Air Sampling System Downloaded 2024 10 dec 10:36:54

Job Details:

Job Name: O21152.JOB
Version: 5.62
Serial No: 1670
Pump Time: 1937:31
Flags:

Job Code:
Site Name:
Station Code:
Operators:
User1:
User2:

	Max	Min	Avg	Units
BP	763	758	760	mmHg
TA	26.5	17	20.7	?C
Q			16.71	Lpm

Timer Information:

	Date	Time
	dd-mmm	hh:mm:ss
Start:	24-09-dec	10:00:00
Stop:	24-10-dec	10:00:05
ET:	24:00:00	

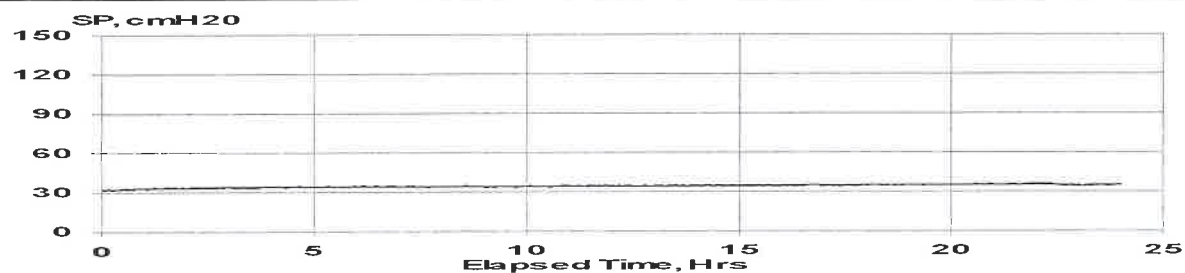
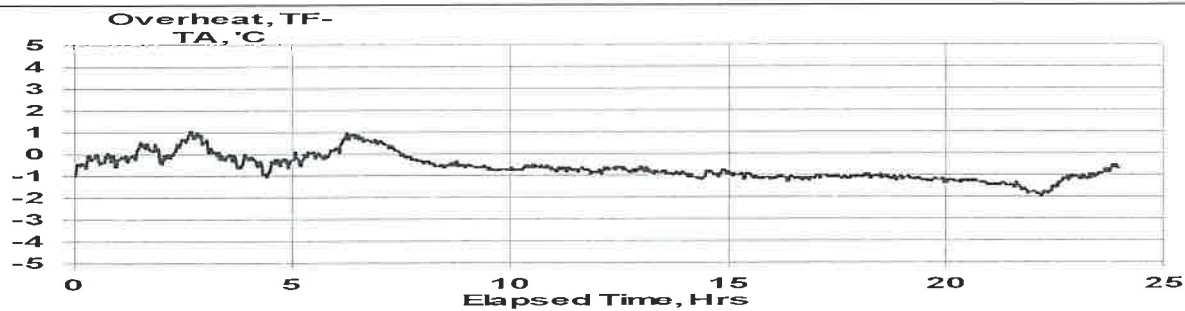
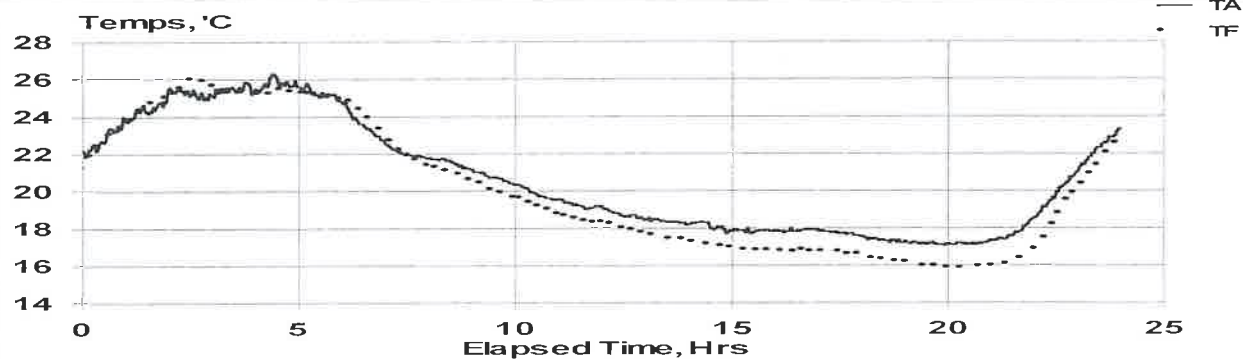
Mass Concentration Data:

Filter ID:	
Final Wt:	mg
Initial Wt:	mg
Delta Wt:	0.000 mg
Total Vol:	24.035 m ³
Mass Conc:	0 卍/m3

QCV 1.56 %
Max overheat 1.2 ?C
occured 09-dec 12:40:42

Notes 1:

Notes 2:



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Hourly

Hourly Averaged Data

Date	Start Hour	BP	AmbT	Filt T	Delta T	SP	Flow
yy-dd-mmm	hh:mm:ss	mmHg	?C	?C	?C	cmH2O	aLpm
24-09-dec	10:01:00	762	22.8	22.5	-0.3	32	16.71
24-09-dec	11:01:00	761	24.4	24.4	0.1	33	16.72
24-09-dec	12:01:00	760	25.2	25.7	0.4	34	16.72
24-09-dec	13:01:00	760	25.5	25.3	-0.1	34	16.72
24-09-dec	14:01:00	759	25.8	25.3	-0.5	34	16.72
24-09-dec	15:01:00	759	25.2	25.1	-0.1	34	16.72
24-09-dec	16:01:00	759	23.5	24.2	0.6	34	16.71
24-09-dec	17:01:00	760	22.0	22.1	0.0	34	16.70
24-09-dec	18:01:00	760	21.5	21.0	-0.5	34	16.72
24-09-dec	19:01:00	761	20.7	20.1	-0.7	34	16.71
24-09-dec	20:01:00	761	19.9	19.2	-0.6	34	16.72
24-09-dec	21:01:00	761	19.2	18.5	-0.8	34	16.71
24-09-dec	22:01:00	761	18.7	18.0	-0.7	34	16.72
24-09-dec	23:01:00	761	18.4	17.5	-0.9	34	16.71
24-10-dec	00:01:00	761	18.1	17.1	-1.0	34	16.72
24-10-dec	01:01:00	760	17.9	16.8	-1.0	34	16.72
24-10-dec	02:01:00	760	17.9	16.7	-1.1	35	16.72
24-10-dec	03:01:00	760	17.7	16.7	-1.1	35	16.73
24-10-dec	04:01:00	760	17.4	16.3	-1.1	35	16.70
24-10-dec	05:01:00	760	17.2	16.0	-1.2	35	16.71
24-10-dec	06:01:00	760	17.2	15.9	-1.3	35	16.71
24-10-dec	07:01:00	761	17.7	16.2	-1.5	35	16.72
24-10-dec	08:01:00	761	19.8	18.3	-1.5	35	16.72
24-10-dec	09:01:00	761	22.3	21.3	-0.9	35	16.73

易

Logger Data

Date	Time	BP	AmbT	Filt T	Delta T	SP	Flow	Flags
yy-mm-dd	hh:mm:ss	mmHg	°C	°C	°C	cmH2O	alpm	POFT
24-09-dec	10:01:00	763	22.2	21.2	-1.0	32	16.67	
24-09-dec	10:02:00	762	22.1	21.3	-0.8	32	16.72	
24-09-dec	10:03:00	762	22.0	21.4	-0.6	32	16.67	
24-09-dec	10:04:00	762	21.8	21.4	-0.4	31	16.72	
24-09-dec	10:05:00	762	21.8	21.4	-0.5	32	16.70	
24-09-dec	10:06:00	762	22.0	21.6	-0.4	32	16.70	
24-09-dec	10:07:00	762	22.1	21.6	-0.5	32	16.75	
24-09-dec	10:08:00	762	22.1	21.6	-0.5	32	16.72	
24-09-dec	10:09:00	762	22.3	21.7	-0.6	32	16.72	
24-09-dec	10:10:00	762	22.2	21.8	-0.4	32	16.67	
24-09-dec	10:11:00	762	22.2	21.8	-0.4	33	16.75	
24-09-dec	10:12:00	762	22.3	21.8	-0.5	32	16.67	
24-09-dec	10:13:00	762	22.3	21.9	-0.4	32	16.70	
24-09-dec	10:14:00	762	22.5	22.0	-0.5	32	16.70	
24-09-dec	10:15:00	762	22.5	22.0	-0.5	32	16.70	
24-09-dec	10:16:00	762	22.6	21.9	-0.7	31	16.75	
24-09-dec	10:17:00	762	22.4	22.0	-0.4	32	16.72	
24-09-dec	10:18:00	762	22.4	22.1	-0.3	32	16.67	
24-09-dec	10:19:00	762	22.1	22.1	0.0	32	16.70	
24-09-dec	10:20:00	762	22.2	22.1	-0.1	32	16.67	
24-09-dec	10:21:00	762	22.2	22.2	0.0	32	16.72	
24-09-dec	10:22:00	762	22.3	22.2	-0.1	32	16.70	
24-09-dec	10:23:00	762	22.5	22.2	-0.3	32	16.70	
24-09-dec	10:24:00	762	22.6	22.3	-0.3	32	16.70	
24-09-dec	10:25:00	762	22.6	22.4	-0.2	32	16.72	
24-09-dec	10:26:00	762	22.7	22.5	-0.2	32	16.70	
24-09-dec	10:27:00	762	22.7	22.5	-0.2	32	16.67	
24-09-dec	10:28:00	762	22.7	22.5	-0.2	32	16.70	
24-09-dec	10:29:00	762	22.7	22.6	-0.1	32	16.70	
24-09-dec	10:30:00	762	22.6	22.6	0.0	33	16.70	
24-09-dec	10:31:00	762	22.6	22.6	0.0	33	16.75	
24-09-dec	10:32:00	762	22.7	22.7	0.0	32	16.72	
24-09-dec	10:33:00	762	22.8	22.7	-0.1	33	16.77	
24-09-dec	10:34:00	762	23.1	22.7	-0.4	33	16.72	
24-09-dec	10:35:00	762	23.1	22.8	-0.3	33	16.75	
24-09-dec	10:36:00	762	23.3	22.8	-0.5	32	16.75	
24-09-dec	10:37:00	762	23.3	22.9	-0.4	32	16.72	
24-09-dec	10:38:00	762	23.4	23.0	-0.4	32	16.72	
24-09-dec	10:39:00	762	23.4	23.0	-0.4	33	16.75	
24-09-dec	10:40:00	762	23.3	23.0	-0.3	33	16.75	
24-09-dec	10:41:00	762	23.4	23.0	-0.4	32	16.70	
24-09-dec	10:42:00	762	23.4	23.0	-0.4	32	16.72	
24-09-dec	10:43:00	762	23.1	23.1	0.0	32	16.70	
24-09-dec	10:44:00	762	23.3	23.1	-0.2	32	16.72	
24-09-dec	10:45:00	762	23.3	23.1	-0.2	32	16.72	
24-09-dec	10:46:00	762	23.1	23.2	0.0	33	16.72	
24-09-dec	10:47:00	762	23.2	23.3	0.1	33	16.72	
24-09-dec	10:48:00	762	23.3	23.2	-0.1	33	16.70	
24-09-dec	10:49:00	762	23.4	23.2	-0.2	33	16.75	
24-09-dec	10:50:00	762	23.2	23.2	0.0	33	16.70	
24-09-dec	10:51:00	762	23.6	23.2	-0.4	33	16.72	
24-09-dec	10:52:00	762	23.3	23.3	0.0	33	16.70	

24-09-dec	10:53:00	762	23.4	23.3	0.1	33	16.72	
24-09-dec	10:54:00	762	23.3	23.3	0.0	33	16.72	
24-09-dec	10:55:00	762	23.4	23.3	-0.1	33	16.72	
24-09-dec	10:56:00	762	23.7	23.4	-0.3	33	16.72	
24-09-dec	10:57:00	762	24.0	23.4	-0.6	33	16.70	
24-09-dec	10:58:00	762	24.0	23.4	-0.6	33	16.75	
24-09-dec	10:59:00	762	24.0	23.4	-0.6	33	16.70	
24-09-dec	11:00:00	762	23.6	23.6	-0.3	33	16.70	
24-09-dec	11:01:00	762	23.7	23.6	-0.2	33	16.67	
24-09-dec	11:02:00	762	23.8	23.6	-0.3	33	16.72	
24-09-dec	11:03:00	761	23.7	23.6	-0.2	33	16.75	
24-09-dec	11:04:00	762	23.7	23.6	-0.2	33	16.72	
24-09-dec	11:05:00	762	23.8	23.6	-0.2	32	16.70	
24-09-dec	11:06:00	761	23.8	23.7	-0.1	33	16.67	
24-09-dec	11:07:00	761	23.8	23.7	-0.1	33	16.70	
24-09-dec	11:08:00	762	23.9	23.7	-0.2	33	16.75	
24-09-dec	11:09:00	761	23.9	23.7	-0.2	33	16.70	
24-09-dec	11:10:00	761	23.9	23.8	-0.1	33	16.77	
24-09-dec	11:11:00	762	24.0	23.7	-0.3	33	16.70	
24-09-dec	11:12:00	761	23.9	23.8	-0.1	33	16.72	
24-09-dec	11:13:00	762	24.1	23.8	-0.2	33	16.70	
24-09-dec	11:14:00	761	24.3	23.9	-0.4	33	16.70	
24-09-dec	11:15:00	761	24.3	24.0	-0.3	34	16.75	
24-09-dec	11:16:00	761	24.2	24.1	-0.1	33	16.67	
24-09-dec	11:17:00	762	24.3	24.1	-0.2	33	16.75	
24-09-dec	11:18:00	761	24.2	24.1	-0.1	33	16.72	
24-09-dec	11:19:00	762	24.3	24.1	-0.2	33	16.72	
24-09-dec	11:20:00	761	24.2	24.2	0.0	33	16.70	
24-09-dec	11:21:00	762	24.3	24.2	-0.1	33	16.70	
24-09-dec	11:22:00	761	24.4	24.4	0.0	33	16.70	
24-09-dec	11:23:00	761	24.4	24.3	-0.1	33	16.72	
24-09-dec	11:24:00	762	24.6	24.4	-0.2	33	16.77	
24-09-dec	11:25:00	761	24.7	24.4	-0.3	33	16.72	
24-09-dec	11:26:00	764	24.4	24.4	0.0	33	16.75	
24-09-dec	11:27:00	761	24.3	24.5	0.2	33	16.70	
24-09-dec	11:28:00	761	24.3	24.5	0.2	33	16.70	
24-09-dec	11:29:00	761	24.2	24.5	0.3	33	16.67	
24-09-dec	11:30:00	761	24.3	24.6	0.3	33	16.72	
24-09-dec	11:31:00	761	24.2	24.6	0.4	34	16.72	
24-09-dec	11:32:00	761	24.1	24.7	0.6	34	16.72	
24-09-dec	11:33:00	761	24.3	24.6	0.3	33	16.67	
24-09-dec	11:34:00	761	24.3	24.7	0.4	33	16.70	
24-09-dec	11:35:00	761	24.3	24.7	0.4	34	16.70	
24-09-dec	11:36:00	761	24.2	24.7	0.5	33	16.72	
24-09-dec	11:37:00	761	24.4	24.7	0.3	34	16.80	
24-09-dec	11:38:00	761	24.4	24.7	0.3	33	16.72	
24-09-dec	11:39:00	761	24.6	24.8	0.2	33	16.70	
24-09-dec	11:40:00	761	24.3	24.8	0.5	34	16.75	
24-09-dec	11:41:00	761	24.4	24.9	0.5	33	16.75	
24-09-dec	11:42:00	761	24.5	24.8	-0.3	33	16.72	
24-09-dec	11:43:00	761	24.5	24.8	-0.3	33	16.77	
24-09-dec	11:44:00	761	24.6	24.8	-0.2	34	16.82	
24-09-dec	11:45:00	761	24.6	24.8	-0.2	33	16.72	
24-09-dec	11:46:00	761	24.6	24.9	0.1	33	16.75	
24-09-dec	11:47:00	761	24.7	24.9	0.2	33	16.72	
24-09-dec	11:48:00	761	24.7	24.9	0.2	33	16.70	

24-09-dec	11:49:00	761	24.8	24.9	0.1	33	16.72
24-09-dec	11:50:00	761	24.8	24.9	0.1	33	16.75
24-09-dec	11:51:00	761	24.7	25.0	0.3	33	16.70
24-09-dec	11:52:00	761	24.5	25.0	0.5	33	16.60
24-09-dec	11:53:00	761	24.9	25.0	0.1	33	16.72
24-09-dec	11:54:00	761	24.8	25.0	0.2	34	16.77
24-09-dec	11:55:00	761	24.8	25.0	0.2	33	16.75
24-09-dec	11:56:00	761	24.7	25.0	0.3	33	16.75
24-09-dec	11:57:00	761	24.9	25.0	0.1	33	16.75
24-09-dec	11:58:00	761	25.2	25.0	-0.2	33	16.72
24-09-dec	11:59:00	761	25.4	25.0	-0.4	33	16.77
24-09-dec	12:00:00	761	25.5	25.1	-0.4	33	16.70
24-09-dec	12:01:00	761	25.5	25.1	-0.4	33	16.67
24-09-dec	12:02:00	761	25.6	25.1	-0.5	33	16.72
24-09-dec	12:03:00	761	25.3	25.1	-0.2	33	16.70
24-09-dec	12:04:00	761	25.2	25.2	0.0	33	16.70
24-09-dec	12:05:00	761	25.5	25.2	-0.3	33	16.72
24-09-dec	12:06:00	761	25.3	25.2	-0.1	33	16.70
24-09-dec	12:07:00	761	25.4	25.2	-0.2	34	16.75
24-09-dec	12:08:00	761	25.2	25.2	0.0	34	16.75
24-09-dec	12:09:00	761	25.3	25.3	0.0	33	16.72
24-09-dec	12:10:00	761	25.4	25.3	-0.1	34	16.72
24-09-dec	12:11:00	761	25.3	25.3	0.0	34	16.70
24-09-dec	12:12:00	761	25.5	25.3	-0.2	33	16.70
24-09-dec	12:13:00	761	25.5	25.3	-0.2	34	16.72
24-09-dec	12:14:00	760	25.4	25.4	0.0	34	16.70
24-09-dec	12:15:00	761	25.4	25.4	0.0	33	16.70
24-09-dec	12:16:00	761	25.5	25.4	-0.1	33	16.75
24-09-dec	12:17:00	760	25.4	25.4	0.0	34	16.72
24-09-dec	12:18:00	761	25.3	25.4	0.1	34	16.72
24-09-dec	12:19:00	761	25.4	25.5	0.1	33	16.72
24-09-dec	12:20:00	761	25.4	25.5	0.1	33	16.70
24-09-dec	12:21:00	761	25.3	25.6	0.3	33	16.72
24-09-dec	12:22:00	760	25.2	25.6	0.4	34	16.72
24-09-dec	12:23:00	760	25.2	25.7	0.5	33	16.72
24-09-dec	12:24:00	760	25.4	25.7	0.3	34	16.72
24-09-dec	12:25:00	760	25.4	25.7	0.3	34	16.75
24-09-dec	12:26:00	761	25.4	25.8	0.4	33	16.72
24-09-dec	12:27:00	761	25.4	25.9	0.5	34	16.72
24-09-dec	12:28:00	760	25.3	25.9	0.6	34	16.72
24-09-dec	12:29:00	760	25.1	25.8	0.7	33	16.72
24-09-dec	12:30:00	760	25.1	25.8	0.7	33	16.70
24-09-dec	12:31:00	761	25.3	25.9	0.6	33	16.72
24-09-dec	12:32:00	760	25.2	25.9	0.7	33	16.72
24-09-dec	12:33:00	760	25.2	25.9	0.7	34	16.80
24-09-dec	12:34:00	761	25.5	26.0	0.5	34	16.67
24-09-dec	12:35:00	760	25.3	26.0	0.7	34	16.72
24-09-dec	12:36:00	760	25.3	26.0	0.7	33	16.72
24-09-dec	12:37:00	760	25.3	26.0	0.7	33	16.70
24-09-dec	12:38:00	760	25.1	26.0	0.9	33	16.70
24-09-dec	12:39:00	760	25.1	26.0	0.9	33	16.72
24-09-dec	12:40:00	760	25.0	26.1	1.1	33	16.72
24-09-dec	12:41:00	760	25.0	26.0	1.0	34	16.70
24-09-dec	12:42:00	760	24.9	26.0	1.1	33	16.67
24-09-dec	12:43:00	760	25.1	25.9	0.8	33	16.72
24-09-dec	12:44:00	760	25.2	25.9	0.6	34	16.72

24-09-dec	13:41:00	759	25.4	25.3	-0.1	34	16.70
24-09-dec	13:42:00	759	25.4	25.3	-0.1	34	16.72
24-09-dec	13:43:00	759	25.5	25.2	-0.3	34	16.72
24-09-dec	13:44:00	759	25.7	25.2	-0.5	34	16.72
24-09-dec	13:45:00	760	25.8	25.2	-0.6	34	16.72
24-09-dec	13:46:00	759	25.9	25.2	-0.7	34	16.70
24-09-dec	13:47:00	759	25.8	25.2	-0.6	34	16.75
24-09-dec	13:48:00	759	25.8	25.2	-0.6	34	16.70
24-09-dec	13:49:00	760	25.9	25.2	-0.7	34	16.70
24-09-dec	13:50:00	760	25.7	25.2	-0.5	34	16.77
24-09-dec	13:51:00	759	25.8	25.2	-0.6	34	16.72
24-09-dec	13:52:00	759	25.7	25.2	-0.5	34	16.72
24-09-dec	13:53:00	759	25.6	25.2	-0.4	34	16.72
24-09-dec	13:54:00	759	25.4	25.2	-0.2	34	16.75
24-09-dec	13:55:00	759	25.2	25.2	0.0	34	16.75
24-09-dec	13:56:00	759	25.2	25.2	0.0	34	16.75
24-09-dec	13:57:00	759	25.4	25.2	-0.2	34	16.75
24-09-dec	13:58:00	759	25.3	25.2	-0.1	34	16.75
24-09-dec	13:59:00	759	25.4	25.2	-0.2	34	16.72
24-09-dec	14:00:00	759	25.5	25.2	-0.3	34	16.70
24-09-dec	14:01:00	759	25.5	25.2	-0.3	34	16.72
24-09-dec	14:02:00	759	25.3	25.2	-0.1	34	16.75
24-09-dec	14:03:00	759	25.5	25.2	-0.3	34	16.72
24-09-dec	14:04:00	759	25.3	25.1	-0.2	34	16.75
24-09-dec	14:05:00	759	25.3	25.2	-0.1	34	16.75
24-09-dec	14:06:00	759	25.4	25.2	-0.2	34	16.75
24-09-dec	14:07:00	759	25.4	25.2	-0.2	34	16.72
24-09-dec	14:08:00	759	25.5	25.2	-0.3	34	16.72
24-09-dec	14:09:00	759	25.5	25.2	-0.3	34	16.77
24-09-dec	14:10:00	759	25.6	25.3	-0.3	34	16.72
24-09-dec	14:11:00	759	25.6	25.2	-0.4	34	16.70
24-09-dec	14:12:00	759	25.8	25.2	-0.6	34	16.72
24-09-dec	14:13:00	759	25.7	25.2	-0.5	34	16.77
24-09-dec	14:14:00	759	25.8	25.2	-0.6	34	16.72
24-09-dec	14:15:00	759	25.8	25.2	-0.6	34	16.70
24-09-dec	14:16:00	759	25.6	25.2	-0.4	34	16.70
24-09-dec	14:17:00	759	25.6	25.3	-0.3	34	16.75
24-09-dec	14:18:00	759	25.7	25.2	-0.5	34	16.70
24-09-dec	14:19:00	759	25.8	25.3	-0.5	34	16.70
24-09-dec	14:20:00	759	25.2	25.2	-1.0	33	16.67
24-09-dec	14:21:00	759	26.1	25.2	-0.9	34	16.70
24-09-dec	14:22:00	759	26.1	25.2	-0.9	34	16.72
24-09-dec	14:23:00	759	26.3	25.3	-1.0	34	16.72
24-09-dec	14:24:00	759	26.3	25.3	-1.0	34	16.72
24-09-dec	14:25:00	759	26.3	25.3	-1.0	34	16.72
24-09-dec	14:26:00	759	26.3	25.2	-1.1	34	16.72
24-09-dec	14:27:00	759	26.2	25.3	-0.9	34	16.72
24-09-dec	14:28:00	759	26.2	25.3	-0.9	34	16.72
24-09-dec	14:29:00	759	26.1	25.3	-0.8	34	16.70
24-09-dec	14:30:00	759	26.1	25.3	-0.8	34	16.75
24-09-dec	14:31:00	759	25.9	25.3	-0.6	34	16.75
24-09-dec	14:32:00	759	25.7	25.4	-0.3	34	16.72
24-09-dec	14:33:00	759	25.7	25.3	-0.4	34	16.70
24-09-dec	14:34:00	759	25.8	25.3	-0.3	34	16.70
24-09-dec	14:35:00	759	25.7	25.3	-0.4	34	16.75
24-09-dec	14:36:00	759	25.9	25.4	-0.5	34	16.72

24-09-dec	14:37:00	759	25.7	25.5	-0.2	34	16.72
24-09-dec	14:38:00	759	25.8	25.4	-0.4	34	16.72
24-09-dec	14:39:00	759	25.9	25.4	-0.5	34	16.67
24-09-dec	14:40:00	759	25.7	25.4	-0.3	35	16.75
24-09-dec	14:41:00	759	25.6	25.4	-0.2	34	16.70
24-09-dec	14:42:00	759	25.7	25.4	-0.3	34	16.70
24-09-dec	14:43:00	759	25.9	25.4	-0.5	34	16.70
24-09-dec	14:44:00	759	25.9	25.3	-0.6	34	16.72
24-09-dec	14:45:00	759	25.8	25.3	-0.5	34	16.70
24-09-dec	14:46:00	759	25.7	25.4	-0.3	34	16.70
24-09-dec	14:47:00	759	25.7	25.4	-0.3	34	16.70
24-09-dec	14:48:00	759	25.6	25.3	-0.3	34	16.70
24-09-dec	14:49:00	759	25.6	25.4	-0.2	34	16.72
24-09-dec	14:50:00	759	25.6	25.4	-0.2	34	16.72
24-09-dec	14:51:00	759	25.7	25.3	-0.4	34	16.72
24-09-dec	14:52:00	759	25.6	25.4	-0.2	34	16.70
24-09-dec	14:53:00	759	25.7	25.3	-0.4	34	16.72
24-09-dec	14:54:00	759	25.8	25.3	-0.5	34	16.75
24-09-dec	14:55:00	759	26.0	25.3	-0.7	34	16.75
24-09-dec	14:56:00	759	25.8	25.3	-0.5	34	16.72
24-09-dec	14:57:00	759	25.7	25.3	-0.4	34	16.72
24-09-dec	14:58:00	759	25.6	25.3	-0.3	34	16.70
24-09-dec	14:59:00	759	25.6	25.3	-0.3	34	16.75
24-09-dec	15:00:00	759	25.6	25.3	-0.3	34	16.72
24-09-dec	15:01:00	759	25.6	25.3	-0.3	34	16.75
24-09-dec	15:02:00	759	25.6	25.3	-0.3	34	16.72
24-09-dec	15:03:00	759	25.6	25.3	-0.3	34	16.70
24-09-dec	15:04:00	759	25.3	25.4	0.1	34	16.75
24-09-dec	15:05:00	759	25.3	25.4	0.1	34	16.70
24-09-dec	15:06:00	759	25.5	25.3	-0.2	34	16.77
24-09-dec	15:07:00	759	25.4	25.2	-0.2	34	16.72
24-09-dec	15:08:00	759	25.5	25.3	-0.2	34	16.72
24-09-dec	15:09:00	759	25.6	25.3	-0.3	34	16.67
24-09-dec	15:10:00	759	25.7	25.2	-0.5	34	16.70
24-09-dec	15:11:00	759	25.8	25.3	-0.5	34	16.72
24-09-dec	15:12:00	759	25.8	25.2	-0.6	34	16.70
24-09-dec	15:13:00	759	25.7	25.4	-0.3	34	16.72
24-09-dec	15:14:00	759	25.6	25.3	-0.3	34	16.75
24-09-dec	15:15:00	759	25.6	25.3	-0.3	34	16.72
24-09-dec	15:16:00	759	25.4	25.2	-0.2	34	16.67
24-09-dec	15:17:00	759	25.3	25.3	0.0	34	16.75
24-09-dec	15:18:00	759	25.2	25.2	0.0	34	16.72
24-09-dec	15:19:00	759	25.2	25.2	0.0	34	16.72
24-09-dec	15:20:00	759	25.3	25.2	-0.1	35	16.72
24-09-dec	15:21:00	759	25.4	25.2	-0.2	34	16.72
24-09-dec	15:22:00	759	25.2	25.2	0.0	34	16.75
24-09-dec	15:23:00	759	25.1	25.2	0.1	34	16.72
24-09-dec	15:24:00	759	25.2	25.2	0.0	34	16.70
24-09-dec	15:25:00	759	25.2	25.2	0.0	34	16.67
24-09-dec	15:26:00	759	25.2	25.2	0.0	34	16.70
24-09-dec	15:27:00	759	25.1	25.1	0.0	34	16.67
24-09-dec	15:28:00	759	25.1	25.1	0.0	34	16.70
24-09-dec	15:29:00	759	25.0	25.1	0.1	34	16.72
24-09-dec	15:30:00	759	25.0	25.1	0.1	34	16.75
24-09-dec	15:31:00	759	25.1	25.1	0.0	34	16.72
24-09-dec	15:32:00	759	25.3	25.1	-0.2	34	16.75

24-09-dec	15:00:00	759	25.3	25.1	-0.2	34	16.70
24-09-dec	15:04:00	759	25.2	25.1	-0.1	34	16.72
24-09-dec	15:05:00	759	25.0	25.0	0.0	34	16.72
24-09-dec	15:06:00	759	25.1	25.0	-0.1	34	16.70
24-09-dec	15:07:00	759	25.0	25.1	0.1	34	16.75
24-09-dec	15:08:00	759	25.2	25.1	-0.1	34	16.75
24-09-dec	15:09:00	759	25.0	25.0	0.0	34	16.70
24-09-dec	15:40:00	759	25.1	24.9	-0.2	34	16.70
24-09-dec	15:41:00	759	25.1	25.0	-0.1	34	16.75
24-09-dec	15:42:00	759	25.2	25.0	-0.2	34	16.70
24-09-dec	15:43:00	759	25.2	25.0	-0.2	34	16.75
24-09-dec	15:44:00	759	25.2	24.9	-0.3	34	16.72
24-09-dec	15:45:00	759	25.1	25.1	0.0	34	16.75
24-09-dec	15:46:00	759	25.2	25.0	-0.2	34	16.70
24-09-dec	15:47:00	759	25.2	25.0	-0.2	34	16.70
24-09-dec	15:48:00	759	25.1	25.0	-0.1	34	16.72
24-09-dec	15:49:00	759	25.2	25.0	-0.2	34	16.70
24-09-dec	15:50:00	759	25.2	25.1	-0.1	34	16.77
24-09-dec	15:51:00	759	25.0	25.0	0.0	34	16.75
24-09-dec	15:52:00	759	25.0	25.0	0.0	34	16.72
24-09-dec	15:53:00	759	24.9	25.1	0.2	34	16.70
24-09-dec	15:54:00	759	24.8	25.0	0.2	34	16.72
24-09-dec	15:55:00	759	24.9	25.0	0.1	34	16.72
24-09-dec	15:56:00	759	24.9	25.0	0.1	34	16.72
24-09-dec	15:57:00	759	24.8	25.0	0.2	35	16.72
24-09-dec	15:58:00	760	24.8	25.0	0.2	34	16.72
24-09-dec	15:59:00	759	24.8	24.9	0.1	34	16.72
24-09-dec	16:00:00	759	24.7	25.0	0.3	34	16.72
24-09-dec	16:01:00	759	24.7	24.9	0.2	34	16.70
24-09-dec	16:02:00	759	24.7	25.0	0.3	34	16.72
24-09-dec	16:03:00	759	24.6	24.9	0.3	34	16.70
24-09-dec	16:04:00	760	24.8	25.0	0.2	34	16.75
24-09-dec	16:05:00	759	24.9	24.9	0.0	34	16.70
24-09-dec	16:06:00	759	24.5	24.9	0.4	34	16.65
24-09-dec	16:07:00	759	24.5	24.9	0.4	34	16.67
24-09-dec	16:08:00	759	24.4	24.9	0.5	35	16.72
24-09-dec	16:09:00	759	24.4	24.9	0.5	35	16.70
24-09-dec	16:10:00	759	24.2	24.9	0.7	34	16.70
24-09-dec	16:11:00	759	24.2	24.9	0.7	35	16.72
24-09-dec	16:12:00	759	24.2	24.8	0.6	34	16.67
24-09-dec	16:13:00	759	24.0	24.8	0.8	34	16.72
24-09-dec	16:14:00	759	24.0	24.8:	0.8	34	16.70
24-09-dec	16:15:00	759	23.8	24.8	1.0	34	16.70
24-09-dec	16:16:00	759	23.9	24.7	0.8	34	16.70
24-09-dec	16:17:00	760	23.9	24.7	0.8	34	16.70
24-09-dec	16:18:00	760	24.0	24.6	0.6	34	16.70
24-09-dec	16:19:00	759	23.9	24.6	0.7	34	16.72
24-09-dec	16:20:00	759	23.8	24.7	0.9	34	16.70
24-09-dec	16:21:00	759	23.8	24.7	0.9	34	16.70
24-09-dec	16:22:00	759	23.7	24.6	0.9	34	16.72
24-09-dec	16:23:00	759	23.6	24.5	0.9	34	16.70
24-09-dec	16:24:00	759	23.8	24.5	0.7	34	16.72
24-09-dec	16:25:00	759	23.6	24.5	0.9	34	16.72
24-09-dec	16:26:00	759	23.6	24.5	0.9	34	16.75
24-09-dec	16:27:00	759	23.6	24.3	0.7	35	16.70
24-09-dec	16:28:00	759	23.6	24.3	0.7	35	16.70

24-09-dec	17:25:00	760	22.0	22.1	0.1	34	16.72
24-09-dec	17:26:00	760	22.0	22.1	0.1	34	16.70
24-09-dec	17:27:00	760	22.0	22.1	0.1	34	16.70
24-09-dec	17:28:00	760	22.0	22.0	0.0	34	16.70
24-09-dec	17:29:00	760	22.1	22.0	-0.1	34	16.72
24-09-dec	17:30:00	760	22.0	21.9	-0.1	34	16.72
24-09-dec	17:31:00	760	22.0	22.0	0.0	34	16.72
24-09-dec	17:32:00	760	22.0	22.0	0.0	34	16.72
24-09-dec	17:33:00	760	21.9	21.9	0.0	34	16.75
24-09-dec	17:34:00	760	22.0	21.8	-0.2	34	16.72
24-09-dec	17:35:00	760	21.9	21.8	-0.1	34	16.70
24-09-dec	17:36:00	760	21.9	21.8	-0.1	34	16.70
24-09-dec	17:37:00	760	21.9	21.7	-0.2	34	16.67
24-09-dec	17:38:00	760	21.9	21.7	-0.2	34	16.72
24-09-dec	17:39:00	760	21.9	21.8	-0.1	34	16.75
24-09-dec	17:40:00	760	21.9	21.8	-0.1	34	16.70
24-09-dec	17:41:00	760	21.8	21.7	-0.1	33	16.70
24-09-dec	17:42:00	760	21.9	21.8	-0.1	34	16.72
24-09-dec	17:43:00	760	21.8	21.7	-0.1	34	16.70
24-09-dec	17:44:00	760	21.9	21.6	-0.3	34	16.72
24-09-dec	17:45:00	760	22.0	21.7	-0.3	34	16.72
24-09-dec	17:46:00	760	21.9	21.6	-0.3	34	16.70
24-09-dec	17:47:00	760	21.9	21.6	-0.3	34	16.67
24-09-dec	17:48:00	760	21.9	21.6	-0.3	34	16.75
24-09-dec	17:49:00	760	21.8	21.6	-0.2	34	16.72
24-09-dec	17:50:00	760	21.8	21.5	-0.3	34	16.67
24-09-dec	17:51:00	760	21.8	21.6	-0.2	34	16.70
24-09-dec	17:52:00	760	21.9	21.5	-0.4	34	16.70
24-09-dec	17:53:00	760	21.8	21.5	-0.3	34	16.72
24-09-dec	17:54:00	760	21.8	21.5	-0.3	34	16.67
24-09-dec	17:55:00	760	21.8	21.5	-0.3	34	16.67
24-09-dec	17:56:00	760	21.8	21.5	-0.3	34	16.70
24-09-dec	17:57:00	760	21.7	21.4	-0.3	34	16.70
24-09-dec	17:58:00	760	21.8	21.4	-0.4	34	16.77
24-09-dec	17:59:00	760	21.8	21.4	-0.4	34	16.72
24-09-dec	18:00:00	760	21.7	21.4	-0.3	34	16.70
24-09-dec	18:01:00	760	21.9	21.3	-0.6	34	16.62
24-09-dec	18:02:00	760	21.8	21.4	-0.4	34	16.67
24-09-dec	18:03:00	760	21.7	21.4	-0.3	34	16.72
24-09-dec	18:04:00	760	21.7	21.3	-0.4	34	16.72
24-09-dec	18:05:00	760	21.7	21.3	-0.4	34	16.70
24-09-dec	18:06:00	760	21.7	21.3	-0.4	34	16.70
24-09-dec	18:07:00	760	21.7	21.3	-0.4	34	16.75
24-09-dec	18:08:00	760	21.7	21.4	-0.3	34	16.72
24-09-dec	18:09:00	760	21.7	21.2	-0.5	34	16.70
24-09-dec	18:10:00	760	21.7	21.2	-0.5	34	16.72
24-09-dec	18:11:00	760	21.7	21.3	-0.4	34	16.75
24-09-dec	18:12:00	760	21.7	21.2	-0.5	34	16.70
24-09-dec	18:13:00	760	21.7	21.2	-0.5	34	16.72
24-09-dec	18:14:00	760	21.6	21.2	-0.4	34	16.75
24-09-dec	18:15:00	760	21.7	21.2	-0.5	34	16.75
24-09-dec	18:16:00	760	21.7	21.1	-0.6	34	16.72
24-09-dec	18:17:00	760	21.7	21.2	-0.5	34	16.72
24-09-dec	18:18:00	760	21.7	21.1	-0.6	34	16.70
24-09-dec	18:19:00	760	21.8	21.2	-0.6	34	16.72
24-09-dec	18:20:00	760	21.7	21.1	-0.6	34	16.75

24-09-dec	18:21:00	760	21.7	21.1	-0.6	34	16.72
24-09-dec	18:22:00	760	21.7	21.1	-0.6	34	16.70
24-09-dec	18:23:00	760	21.7	21.1	-0.6	34	16.72
24-09-dec	18:24:00	760	21.6	21.1	-0.5	34	16.72
24-09-dec	18:25:00	760	21.6	21.1	-0.5	34	16.75
24-09-dec	18:26:00	760	21.6	21.1	-0.5	34	16.75
24-09-dec	18:27:00	760	21.6	21.0	-0.6	34	16.75
24-09-dec	18:28:00	760	21.6	21.0	-0.6	34	16.72
24-09-dec	18:29:00	760	21.7	21.0	-0.7	34	16.72
24-09-dec	18:30:00	760	21.6	21.0	-0.6	34	16.72
24-09-dec	18:31:00	760	21.5	21.0	-0.5	34	16.75
24-09-dec	18:32:00	760	21.6	21.0	-0.6	34	16.75
24-09-dec	18:33:00	761	21.5	21.0	-0.5	34	16.70
24-09-dec	18:34:00	760	21.5	20.9	-0.6	35	16.70
24-09-dec	18:35:00	761	21.5	21.0	-0.5	34	16.70
24-09-dec	18:36:00	761	21.5	21.0	-0.5	34	16.72
24-09-dec	18:37:00	760	21.4	20.9	-0.5	34	16.72
24-09-dec	18:38:00	760	21.4	21.0	-0.4	34	16.75
24-09-dec	18:39:00	760	21.5	20.9	-0.6	34	16.67
24-09-dec	18:40:00	760	21.4	20.9	-0.5	34	16.72
24-09-dec	18:41:00	760	21.3	20.9	-0.4	34	16.70
24-09-dec	18:42:00	760	21.3	20.9	-0.4	34	16.70
24-09-dec	18:43:00	760	21.4	20.9	-0.5	34	16.75
24-09-dec	18:44:00	760	21.4	20.9	-0.5	34	16.70
24-09-dec	18:45:00	761	21.4	20.8	-0.6	34	16.72
24-09-dec	18:46:00	760	21.2	20.9	-0.3	34	16.80
24-09-dec	18:47:00	760	21.2	20.8	-0.4	34	16.70
24-09-dec	18:48:00	760	21.2	20.7	-0.5	34	16.72
24-09-dec	18:49:00	760	21.3	20.7	-0.6	34	16.77
24-09-dec	18:50:00	761	21.3	20.7	-0.6	34	16.75
24-09-dec	18:51:00	760	21.2	20.7	-0.5	34	16.72
24-09-dec	18:52:00	761	21.2	20.7	-0.5	34	16.67
24-09-dec	18:53:00	760	21.2	20.7	-0.5	34	16.75
24-09-dec	18:54:00	761	21.2	20.7	-0.5	34	16.70
24-09-dec	18:55:00	761	21.2	20.6	-0.6	34	16.70
24-09-dec	18:56:00	761	21.2	20.6	-0.6	34	16.72
24-09-dec	18:57:00	760	21.1	20.6	-0.5	34	16.72
24-09-dec	18:58:00	761	21.2	20.5	-0.7	34	16.70
24-09-dec	18:59:00	760	21.1	20.6	-0.5	34	16.72
24-09-dec	19:00:00	760	21.2	20.6	-0.6	34	16.72
24-09-dec	19:01:00	761	21.1	20.6	-0.5	34	16.70
24-09-dec	19:02:00	760	21.0	20.5	-0.5	34	16.72
24-09-dec	19:03:00	761	21.0	20.5	-0.5	33	16.70
24-09-dec	19:04:00	760	21.0	20.4	-0.6	34	16.75
24-09-dec	19:05:00	760	21.0	20.5	-0.5	34	16.75
24-09-dec	19:06:00	760	21.0	20.4	-0.6	34	16.75
24-09-dec	19:07:00	760	21.0	20.4	-0.6	34	16.70
24-09-dec	19:08:00	761	21.0	20.4	-0.6	34	16.72
24-09-dec	19:09:00	761	21.0	20.4	-0.6	34	16.70
24-09-dec	19:10:00	760	21.0	20.4	-0.6	34	16.67
24-09-dec	19:11:00	760	21.0	20.4	-0.6	34	16.70
24-09-dec	19:12:00	761	21.0	20.3	-0.7	34	16.70
24-09-dec	19:13:00	761	20.9	20.3	-0.6	34	16.70
24-09-dec	19:14:00	761	21.0	20.4	-0.6	34	16.72
24-09-dec	19:15:00	760	21.0	20.4	-0.6	33	16.75
24-09-dec	19:16:00	760	21.0	20.3	-0.7	34	16.75

24-09-dec	19:17:00	760	20.9	20.3	-0.6	34	16.75
24-09-dec	19:18:00	760	20.9	20.2	-0.7	34	16.67
24-09-dec	19:19:00	761	20.8	20.2	-0.6	34	16.80
24-09-dec	19:20:00	761	20.8	20.2	-0.6	34	16.75
24-09-dec	19:21:00	760	20.8	20.2	-0.6	34	16.70
24-09-dec	19:22:00	761	20.8	20.2	-0.6	34	16.72
24-09-dec	19:23:00	761	20.8	20.1	-0.7	34	16.70
24-09-dec	19:24:00	761	20.7	20.2	-0.5	34	16.75
24-09-dec	19:25:00	760	20.7	20.1	-0.6	34	16.72
24-09-dec	19:26:00	761	20.7	20.1	-0.6	34	16.67
24-09-dec	19:27:00	761	20.7	20.1	-0.6	34	16.72
24-09-dec	19:28:00	760	20.7	20.0	-0.7	34	16.75
24-09-dec	19:29:00	761	20.7	20.1	-0.6	34	16.70
24-09-dec	19:30:00	761	20.8	20.0	-0.8	34	16.72
24-09-dec	19:31:00	761	20.7	20.0	-0.7	34	16.67
24-09-dec	19:32:00	761	20.7	20.1	-0.6	34	16.75
24-09-dec	19:33:00	761	20.7	20.0	-0.7	34	16.67
24-09-dec	19:34:00	761	20.8	20.0	-0.8	34	16.72
24-09-dec	19:35:00	761	20.7	20.0	-0.7	34	16.72
24-09-dec	19:36:00	761	20.7	20.0	-0.7	34	16.70
24-09-dec	19:37:00	760	20.7	19.9	-0.8	34	16.72
24-09-dec	19:38:00	761	20.6	19.9	-0.7	34	16.70
24-09-dec	19:39:00	761	20.7	19.9	-0.8	34	16.70
24-09-dec	19:40:00	761	20.7	19.9	-0.8	34	16.70
24-09-dec	19:41:00	760	20.7	19.9	-0.8	34	16.70
24-09-dec	19:42:00	761	20.6	19.8	-0.8	34	16.70
24-09-dec	19:43:00	761	20.6	19.9	-0.7	34	16.77
24-09-dec	19:44:00	761	20.5	19.8	-0.7	34	16.65
24-09-dec	19:45:00	761	20.5	19.8	-0.7	33	16.65
24-09-dec	19:46:00	760	20.5	19.8	-0.7	34	16.60
24-09-dec	19:47:00	761	20.6	19.8	-0.8	34	16.72
24-09-dec	19:48:00	761	20.5	19.8	-0.7	34	16.70
24-09-dec	19:49:00	761	20.5	19.8	-0.7	34	16.70
24-09-dec	19:50:00	761	20.5	19.8	-0.7	34	16.72
24-09-dec	19:51:00	761	20.5	19.8	-0.7	34	16.72
24-09-dec	19:52:00	760	20.4	19.7	-0.7	34	16.75
24-09-dec	19:53:00	761	20.4	19.7	-0.7	34	16.72
24-09-dec	19:54:00	761	20.4	19.7	-0.7	34	16.70
24-09-dec	19:55:00	761	20.4	19.6	-0.8	34	16.70
24-09-dec	19:56:00	761	20.4	19.7	-0.7	34	16.70
24-09-dec	19:57:00	761	20.4	19.7	-0.7	34	16.70
24-09-dec	19:58:00	761	20.3	19.6	-0.7	34	16.67
24-09-dec	19:59:00	761	20.4	19.6	-0.8	34	16.75
24-09-dec	20:00:00	761	20.3	19.6	-0.7	34	16.75
24-09-dec	20:01:00	761	20.3	19.6	-0.7	34	16.72
24-09-dec	20:02:00	761	20.3	19.7	-0.6	34	16.70
24-09-dec	20:03:00	760	20.3	19.5	-0.8	34	16.72
24-09-dec	20:04:00	761	20.4	19.6	-0.8	34	16.75
24-09-dec	20:05:00	761	20.3	19.6	-0.8	35	16.72
24-09-dec	20:06:00	761	20.3	19.6	-0.7	34	16.75
24-09-dec	20:07:00	761	20.3	19.5	-0.8	34	16.70
24-09-dec	20:08:00	761	20.3	19.6	-0.7	34	16.70
24-09-dec	20:09:00	761	20.3	19.6	-0.7	34	16.70
24-09-dec	20:10:00	761	20.2	19.5	-0.7	34	16.72
24-09-dec	20:11:00	761	20.2	19.5	-0.7	34	16.72
24-09-dec	20:12:00	761	20.2	19.4	-0.8	35	16.72

24-09-dec	22 00 00	761	19 0	18 2	-0 R	34	16 70
24-09-dec	22 06 00	761	19 1	18 1	1 0	24	16 75
24-09-dec	22 07 00	761	19 0	18 2	-0 8	34	16 72
24-09-dec	22 08 00	761	19 0	18 2	-0 8	34	16 75
24-09-dec	22 09 00	761	19 0	18 2	-0 8	34	16 75
24-09-dec	22 10 00	761	18 9	18 3	-0 6	34	16 72
24-09-dec	22 11 00	761	18 9	18 1	-0 8	35	16 70
24-09-dec	22 12 00	761	18 9	18 2	-0 7	34	16 70
24-09-dec	22 13 00	761	18 9	18 2	-0 7	34	16 70
24-09-dec	22 14 00	761	18 9	18 2	-0 7	34	16 70
24-09-dec	22 15 00	761	18 8	18 2	-0 6	34	16 72
24-09-dec	22 16 00	761	18 9	18 1	-0 8	34	16 72
24-09-dec	22 17 00	761	18 8	18 1	0 7	34	16 70
24-09-dec	22 18 00	761	18 8	18 1	-0 7	34	16 70
24-09-dec	22 19 00	761	18 8	18 1	-0 7	34	16 75
24-09-dec	22 20 00	761	18 8	18 1	-0 7	35	16 72
24-09-dec	22 21 00	761	18 8	18 1	-0 7	34	16 70
24-09-dec	22 22 00	761	18 8	18 2	-0 7	34	16 70
24-09-dec	22 23 00	761	18 8	18 1	-0 7	35	16 77
24-09-dec	22 24 00	761	18 7	18 1	-0 6	34	16 72
24-09-dec	22 25 00	761	18 8	18 0	-0 8	34	16 75
24-09-dec	22 26 00	761	18 7	18 0	-0 7	35	16 70
24-09-dec	22 27 00	761	18 7	18 1	-0 6	34	16 70
24-09-dec	22 28 00	761	18 6	18 0	-0 6	34	16 67
24-09-dec	22 29 00	761	18 7	18 1	-0 6	34	16 72
24-09-dec	22 30 00	761	18 6	18 0	-0 6	34	16 67
24-09-dec	22 31 00	761	18 6	18 0	-0 6	34	16 70
24-09-dec	22 32 00	761	18 6	17 9	-0 7	34	16 72
24-09-dec	22 33 00	761	18 6	17 9	-0 7	34	16 72
24-09-dec	22 34 00	761	18 6	18 0	-0 6	34	16 70
24-09-dec	22 35 00	761	18 7	17 9	-0 8	34	16 70
24-09-dec	22 36 00	761	18 6	18 0	-0 6	34	16 72
24-09-dec	22 37 00	761	18 6	17 9	-0 7	34	16 72
24-09-dec	22 38 00	761	18 6	17 9	-0 7	34	16 77
24-09-dec	22 39 00	761	18 6	17 9	-0 7	34	16 72
24-09-dec	22 40 00	761	18 7	17 9	-0 8	34	16 72
24-09-dec	22 41 00	761	18 7	17 9	-0 8	34	16 77
24-09-dec	22 42 00	761	18 7	17 9	-0 8	34	16 75
24-09-dec	22 43 00	761	18 7	17 9	-0 8	34	16 72
24-09-dec	22 44 00	761	18 7	17 8	-0 9	34	16 72
24-09-dec	22 45 00	761	18 7	17 9	-0 8	34	16 67
24-09-dec	22 46 00	761	18 7	17 8	-0 9	34	16 70
24-09-dec	22 47 00	761	18 7	17 8	-0 9	35	16 70
24-09-dec	22 48 00	761	18 5	17 7	-0 8	34	16 72
24-09-dec	22 49 00	761	18 6	17 8	-0 8	34	16 70
24-09-dec	22 50 00	761	18 5	17 8	-0 7	34	16 72
24-09-dec	22 51 00	761	18 5	17 8	-0 7	34	16 70
24-09-dec	22 52 00	761	18 5	17 8	-0 7	34	16 70
24-09-dec	22 53 00	761	18 6	17 7	-0 9	34	16 72
24-09-dec	22 54 00	761	18 6	17 8	-0 8	34	16 72
24-09-dec	22 55 00	761	18 6	17 8	-0 8	34	16 70
24-09-dec	22 56 00	761	18 5	17 8	-0 7	34	16 70
24-09-dec	22 57 00	761	18 5	17 8	-0 7	34	16 72
24-09-dec	22 58 00	761	18 5	17 7	-0 8	34	16 70
24-09-dec	22 59 00	761	18 4	17 8	-0 6	34	16 70
24-09-dec	23 00 00	761	18 4	17 0	-0 6	34	16 72

24-05-dec	23 00 00	760	18.1	17.3	-0.8	34	16.75
24-05-dec	23 58 00	760	18.2	17.3	-0.9	34	16.70
24-05-dec	23 59 00	761	18.2	17.3	-0.9	35	16.72
24-10-dec	00 00 00	761	18.2	17.3	-0.9	35	16.72
24-10-dec	00 01 00	761	18.2	17.2	-1.0	35	16.77
24-10-dec	00 02 00	761	18.2	17.3	-0.9	34	16.72
24-10-dec	00 03 00	761	18.2	17.2	-1.0	35	16.67
24-10-dec	00 04 00	761	18.3	17.2	-1.1	34	16.70
24-10-dec	00 05 00	761	18.2	17.3	-0.9	34	16.70
24-10-dec	00 06 00	760	18.3	17.2	-1.1	34	16.72
24-10-dec	00 07 00	761	18.3	17.2	-1.1	34	16.70
24-10-dec	00 08 00	761	18.3	17.2	-1.1	34	16.72
24-10-dec	00 09 00	761	18.2	17.3	-0.9	35	16.72
24-10-dec	00 10 00	761	18.3	17.2	-1.1	34	16.72
24-10-dec	00 11 00	761	18.3	17.2	-1.1	35	16.72
24-10-dec	00 12 00	761	18.3	17.2	-1.1	34	16.70
24-10-dec	00 13 00	760	18.3	17.2	-1.1	35	16.72
24-10-dec	00 14 00	761	18.3	17.2	-1.1	35	16.70
24-10-dec	00 15 00	761	18.3	17.2	-1.1	34	16.72
24-10-dec	00 16 00	761	18.3	17.2	-1.1	35	16.72
24-10-dec	00 17 00	761	18.3	17.2	-1.1	35	16.67
24-10-dec	00 18 00	761	18.4	17.2	-1.2	35	16.72
24-10-dec	00 19 00	760	18.3	17.2	-1.1	35	16.70
24-10-dec	00 20 00	761	18.3	17.2	-1.1	35	16.72
24-10-dec	00 21 00	761	18.3	17.2	-1.1	34	16.67
24-10-dec	00 22 00	761	18.3	17.2	-1.1	34	16.70
24-10-dec	00 23 00	760	18.3	17.1	-1.2	34	16.70
24-10-dec	00 24 00	761	18.3	17.1	-1.2	34	16.70
24-10-dec	00 25 00	760	18.3	17.2	-1.1	34	16.70
24-10-dec	00 26 00	761	18.3	17.2	-1.1	34	16.75
24-10-dec	00 27 00	761	18.3	17.2	-1.1	35	16.72
24-10-dec	00 28 00	761	18.2	17.1	-1.1	35	16.72
24-10-dec	00 29 00	761	18.1	17.2	-0.9	35	16.72
24-10-dec	00 30 00	761	18.0	17.2	-0.8	34	16.70
24-10-dec	00 31 00	761	17.9	17.1	-0.8	35	16.75
24-10-dec	00 32 00	761	18.0	17.1	-0.9	34	16.70
24-10-dec	00 33 00	761	18.0	17.1	-0.9	35	16.72
24-10-dec	00 34 00	761	18.0	17.1	-0.9	35	16.77
24-10-dec	00 35 00	761	17.9	17.1	-0.8	34	16.72
24-10-dec	00 36 00	761	17.9	17.1	-0.8	34	16.72
24-10-dec	00 37 00	760	18.0	17.1	-0.9	34	16.72
24-10-dec	00 38 00	761	18.0	17.1	-0.9	34	16.70
24-10-dec	00 39 00	761	18.0	17.1	-0.9	35	16.70
24-10-dec	00 40 00	761	18.1	17.1	-1.0	34	16.75
24-10-dec	00 41 00	761	18.1	17.1	-1.0	34	16.70
24-10-dec	00 42 00	761	18.0	17.0	-1.0	34	16.72
24-10-dec	00 43 00	760	18.0	17.0	-1.0	34	16.72
24-10-dec	00 44 00	761	18.1	17.1	-1.0	34	16.77
24-10-dec	00 45 00	761	18.0	17.1	-0.9	35	16.75
24-10-dec	00 46 00	760	18.1	17.0	-1.1	34	16.67
24-10-dec	00 47 00	760	18.1	17.0	-1.1	34	16.72
24-10-dec	00 48 00	761	17.9	17.0	-0.9	35	16.75
24-10-dec	00 49 00	761	17.9	17.0	-0.9	34	16.70
24-10-dec	00 50 00	761	18.0	17.0	-1.0	34	16.72
24-10-dec	00 51 00	761	17.8	17.0	-0.8	35	16.72
24-10-dec	00 52 00	761	17.7	16.9	-0.8	35	16.70

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24-10-dec	00:53:00	761	17.7	17.0	-0.7	34	16.72
24-10-dec	00:54:00	761	17.7	16.9	-0.8	34	16.75
24-10-dec	00:55:00	761	17.8	17.0	-0.8	34	16.72
24-10-dec	00:56:00	761	17.8	17.0	-0.8	34	16.72
24-10-dec	00:57:00	761	17.9	17.0	-0.9	34	16.75
24-10-dec	00:58:00	761	17.9	16.9	-1.0	35	16.70
24-10-dec	00:59:00	760	17.9	17.0	-0.9	34	16.75
24-10-dec	01:00:00	761	17.8	17.0	-0.8	34	16.75
24-10-dec	01:01:00	761	17.8	16.9	-0.9	34	16.72
24-10-dec	01:02:00	760	17.8	16.9	-0.9	34	16.72
24-10-dec	01:03:00	761	18.0	17.0	-1.0	35	16.77
24-10-dec	01:04:00	761	17.9	16.9	-1.0	34	16.75
24-10-dec	01:05:00	760	17.9	16.9	-1.0	34	16.70
24-10-dec	01:06:00	760	18.0	16.9	-1.1	34	16.70
24-10-dec	01:07:00	760	17.9	17.0	-0.9	35	16.67
24-10-dec	01:08:00	761	17.8	16.9	-0.9	35	16.70
24-10-dec	01:09:00	761	17.9	16.9	-1.0	34	16.70
24-10-dec	01:10:00	761	17.9	16.9	-1.0	34	16.72
24-10-dec	01:11:00	761	17.9	16.9	-1.0	34	16.72
24-10-dec	01:12:00	761	17.9	16.9	-1.0	34	16.67
24-10-dec	01:13:00	761	17.9	16.9	-1.0	35	16.72
24-10-dec	01:14:00	761	17.9	16.9	-1.0	35	16.72
24-10-dec	01:15:00	760	17.9	16.9	-1.0	34	16.72
24-10-dec	01:16:00	760	17.9	16.9	-1.0	34	16.72
24-10-dec	01:17:00	761	17.8	16.9	-0.9	34	16.70
24-10-dec	01:18:00	761	17.8	16.9	-0.9	35	16.75
24-10-dec	01:19:00	761	17.7	16.8	-0.9	35	16.75
24-10-dec	01:20:00	761	17.8	16.8	-1.0	34	16.67
24-10-dec	01:21:00	761	18.0	16.8	-1.2	34	16.72
24-10-dec	01:22:00	760	18.0	16.8	-1.2	34	16.72
24-10-dec	01:23:00	761	17.9	16.8	-1.1	35	16.75
24-10-dec	01:24:00	761	17.8	16.8	-1.0	34	16.75
24-10-dec	01:25:00	760	17.7	16.8	-0.9	35	16.72
24-10-dec	01:26:00	760	17.7	16.8	-0.9	35	16.72
24-10-dec	01:27:00	761	17.7	16.8	-0.9	35	16.77
24-10-dec	01:28:00	761	17.8	16.8	-1.0	34	16.72
24-10-dec	01:29:00	761	17.7	16.8	-0.9	35	16.72
24-10-dec	01:30:00	760	17.8	16.8	-1.0	34	16.75
24-10-dec	01:31:00	760	17.8	16.8	-1.0	35	16.80
24-10-dec	01:32:00	761	17.8	16.7	-1.1	34	16.75
24-10-dec	01:33:00	760	17.8	16.8	-1.0	34	16.67
24-10-dec	01:34:00	760	17.9	16.7	-1.2	34	16.72
24-10-dec	01:35:00	761	17.8	16.8	-1.0	34	16.70
24-10-dec	01:36:00	760	17.9	16.7	-1.2	35	16.75
24-10-dec	01:37:00	760	17.8	16.8	-1.0	35	16.72
24-10-dec	01:38:00	760	17.9	16.8	-1.1	34	16.70
24-10-dec	01:39:00	760	17.9	16.8	-1.1	35	16.67
24-10-dec	01:40:00	760	17.9	16.8	-1.1	35	16.75
24-10-dec	01:41:00	760	17.9	16.7	-1.2	34	16.75
24-10-dec	01:42:00	760	17.9	16.8	-1.1	35	16.77
24-10-dec	01:43:00	760	17.9	16.8	-1.1	35	16.70
24-10-dec	01:44:00	760	17.9	16.8	-1.1	34	16.75
24-10-dec	01:45:00	760	17.8	16.7	-1.1	35	16.77
24-10-dec	01:46:00	760	17.9	16.7	-1.2	34	16.72
24-10-dec	01:47:00	760	17.9	16.8	-1.1	34	16.75
24-10-dec	01:48:00	760	17.9	16.7	-1.2	35	16.75

24-10-dec	01:49:00	760	17.9	16.8	-1.1	34	16.72
24-10-dec	01:50:00	760	17.9	16.8	-1.1	34	16.70
24-10-dec	01:51:00	760	17.9	16.8	-1.1	35	16.75
24-10-dec	01:52:00	760	17.8	16.7	-1.1	34	16.70
24-10-dec	01:53:00	760	17.8	16.7	-1.1	35	16.75
24-10-dec	01:54:00	760	17.8	16.7	-1.1	34	16.72
24-10-dec	01:55:00	760	17.8	16.7	-1.1	34	16.70
24-10-dec	01:56:00	760	17.8	16.7	-1.1	35	16.72
24-10-dec	01:57:00	760	17.9	16.7	-1.2	34	16.70
24-10-dec	01:58:00	760	17.9	16.7	-1.2	34	16.72
24-10-dec	01:59:00	760	17.9	16.7	-1.2	35	16.70
24-10-dec	02:00:00	760	17.8	16.7	-1.1	35	16.72
24-10-dec	02:01:00	760	17.8	16.7	-1.1	34	16.75
24-10-dec	02:02:00	760	17.9	16.8	-1.1	35	16.77
24-10-dec	02:03:00	760	17.9	16.7	-1.2	34	16.65
24-10-dec	02:04:00	760	17.8	16.7	-1.1	35	16.70
24-10-dec	02:05:00	760	17.9	16.7	-1.2	35	16.65
24-10-dec	02:06:00	760	17.8	16.7	-1.1	34	16.75
24-10-dec	02:07:00	760	17.8	16.7	-1.1	34	16.70
24-10-dec	02:08:00	760	17.8	16.8	-1.0	35	16.72
24-10-dec	02:09:00	760	17.8	16.7	-1.1	35	16.72
24-10-dec	02:10:00	760	17.8	16.7	-1.1	35	16.72
24-10-dec	02:11:00	760	17.9	16.8	-1.1	35	16.72
24-10-dec	02:12:00	760	17.7	16.7	-1.0	34	16.72
24-10-dec	02:13:00	760	17.8	16.8	-1.0	35	16.70
24-10-dec	02:14:00	760	17.8	16.7	-1.1	35	16.72
24-10-dec	02:15:00	760	17.8	16.7	-1.1	35	16.72
24-10-dec	02:16:00	760	17.8	16.7	-1.1	35	16.75
24-10-dec	02:17:00	760	17.8	16.7	-1.1	34	16.75
24-10-dec	02:18:00	760	17.8	16.7	-1.1	34	16.70
24-10-dec	02:19:00	760	17.8	16.7	-1.1	35	16.72
24-10-dec	02:20:00	760	17.9	16.7	-1.2	34	16.70
24-10-dec	02:21:00	760	18.0	16.7	-1.3	34	16.70
24-10-dec	02:22:00	760	18.0	16.7	-1.3	34	16.70
24-10-dec	02:23:00	760	17.9	16.7	-1.2	35	16.72
24-10-dec	02:24:00	760	17.8	16.7	-1.1	35	16.70
24-10-dec	02:25:00	760	17.8	16.7	-1.1	35	16.75
24-10-dec	02:26:00	760	17.8	16.8	-1.0	35	16.80
24-10-dec	02:27:00	760	17.8	16.7	-1.1	35	16.72
24-10-dec	02:28:00	760	17.8	16.7	-1.1	34	16.70
24-10-dec	02:29:00	760	17.8	16.7	-1.1	34	16.67
24-10-dec	02:30:00	760	17.9	16.8	-1.1	34	16.70
24-10-dec	02:31:00	760	17.9	16.7	-1.2	35	16.72
24-10-dec	02:32:00	760	17.8	16.7	-1.1	35	16.70
24-10-dec	02:33:00	760	17.8	16.7	-1.1	35	16.75
24-10-dec	02:34:00	760	17.9	16.8	-1.1	34	16.70
24-10-dec	02:35:00	760	17.8	16.7	-1.1	35	16.72
24-10-dec	02:36:00	760	17.9	16.7	-1.2	35	16.72
24-10-dec	02:37:00	760	17.9	16.8	-1.1	35	16.72
24-10-dec	02:38:00	760	17.9	16.7	-1.2	35	16.72
24-10-dec	02:39:00	760	17.9	16.8	-1.1	35	16.65
24-10-dec	02:40:00	760	17.9	16.8	-1.1	35	16.70
24-10-dec	02:41:00	760	18.0	16.7	-1.3	35	16.75
24-10-dec	02:42:00	760	17.9	16.8	-1.1	35	16.72
24-10-dec	02:43:00	760	17.9	16.8	-1.1	35	16.70
24-10-dec	02:44:00	760	17.9	16.7	-1.2	35	16.70

24-10-dec	02:45:00	760	18.0	16.8	-1.2	35	16.72
24-10-dec	02:46:00	760	17.9	16.8	-1.1	35	16.72
24-10-dec	02:47:00	760	17.9	16.8	-1.1	35	16.70
24-10-dec	02:48:00	760	18.0	16.8	-1.2	35	16.72
24-10-dec	02:49:00	760	17.9	16.7	-1.2	35	16.67
24-10-dec	02:50:00	760	17.9	16.8	-1.1	35	16.70
24-10-dec	02:51:00	760	18.0	16.7	-1.3	35	16.75
24-10-dec	02:52:00	760	17.9	16.8	-1.1	35	16.70
24-10-dec	02:53:00	760	17.9	16.8	-1.1	35	16.75
24-10-dec	02:54:00	760	17.9	16.8	-1.1	35	16.72
24-10-dec	02:55:00	760	17.9	16.8	-1.1	35	16.77
24-10-dec	02:56:00	760	17.9	16.8	-1.1	34	16.75
24-10-dec	02:57:00	760	17.9	16.8	-1.1	34	16.67
24-10-dec	02:58:00	760	18.0	16.8	-1.2	35	16.72
24-10-dec	02:59:00	760	17.8	16.7	-1.1	34	16.75
24-10-dec	03:00:00	760	17.9	16.9	-1.0	34	16.75
24-10-dec	03:01:00	760	17.9	16.8	-1.1	35	16.72
24-10-dec	03:02:00	760	17.8	16.8	-1.0	35	16.72
24-10-dec	03:03:00	760	17.8	16.8	-1.0	35	16.72
24-10-dec	03:04:00	760	17.8	16.8	-1.0	35	16.75
24-10-dec	03:05:00	760	17.9	16.8	-1.1	35	16.75
24-10-dec	03:06:00	760	17.9	16.7	-1.2	34	16.67
24-10-dec	03:07:00	760	17.8	16.8	-1.0	35	16.72
24-10-dec	03:08:00	760	17.8	16.8	-1.0	35	16.75
24-10-dec	03:09:00	760	17.8	16.8	-1.0	35	16.75
24-10-dec	03:10:00	760	17.8	16.8	-1.0	35	16.72
24-10-dec	03:11:00	760	17.8	16.8	-1.0	35	16.75
24-10-dec	03:12:00	760	17.8	16.8	-1.0	35	16.72
24-10-dec	03:13:00	760	17.8	16.8	-1.0	34	16.75
24-10-dec	03:14:00	760	17.8	16.8	-1.0	34	16.70
24-10-dec	03:15:00	760	17.8	16.8	-1.0	35	16.72
24-10-dec	03:16:00	760	17.8	16.7	-1.1	35	16.72
24-10-dec	03:17:00	760	17.7	16.7	-1.0	35	16.72
24-10-dec	03:18:00	760	17.8	16.7	-1.1	35	16.72
24-10-dec	03:19:00	760	17.8	16.7	-1.1	35	16.72
24-10-dec	03:20:00	760	17.8	16.7	-1.1	35	16.75
24-10-dec	03:21:00	760	17.8	16.7	-1.1	34	16.75
24-10-dec	03:22:00	760	17.8	16.7	-1.1	34	16.70
24-10-dec	03:23:00	760	17.7	16.7	-1.0	35	16.72
24-10-dec	03:24:00	760	17.8	16.7	-1.1	34	16.70
24-10-dec	03:25:00	760	17.8	16.7	-1.1	34	16.72
24-10-dec	03:26:00	760	17.7	16.7	-1.0	35	16.75
24-10-dec	03:27:00	760	17.7	16.7	-1.0	34	16.75
24-10-dec	03:28:00	760	17.8	16.7	-1.1	35	16.70
24-10-dec	03:29:00	760	17.7	16.6	-1.1	34	16.70
24-10-dec	03:30:00	760	17.7	16.7	-1.0	35	16.75
24-10-dec	03:31:00	760	17.7	16.7	-1.0	34	16.70
24-10-dec	03:32:00	760	17.7	16.6	-1.1	35	16.72
24-10-dec	03:33:00	760	17.7	16.6	-1.1	35	16.72
24-10-dec	03:34:00	760	17.7	16.6	-1.1	35	16.72
24-10-dec	03:35:00	760	17.7	16.6	-1.1	35	16.67
24-10-dec	03:36:00	760	17.8	16.6	-1.2	34	16.67
24-10-dec	03:37:00	760	17.7	16.6	-1.1	35	16.72
24-10-dec	03:38:00	760	17.7	16.6	-1.1	34	16.72
24-10-dec	03:39:00	760	17.6	16.5	-1.1	35	16.77
24-10-dec	03:40:00	760	17.7	16.7	-1.0	34	16.70

24-10-dec	05:21:00	761	19.4	17.6	-1.8	35	16.75
24-10-dec	08:22:00	761	19.5	17.6	-1.9	35	16.72
24-10-dec	08:23:00	761	19.4	17.7	-1.7	35	16.72
24-10-dec	08:24:00	761	19.5	17.7	-1.8	35	16.70
24-10-dec	08:25:00	761	19.5	17.8	-1.7	35	16.62
24-10-dec	08:26:00	761	19.7	17.9	-1.8	35	16.72
24-10-dec	08:27:00	761	19.6	18.0	-1.6	35	16.70
24-10-dec	08:28:00	761	19.5	18.0	-1.5	35	16.70
24-10-dec	08:29:00	761	19.6	18.1	-1.5	35	16.67
24-10-dec	08:30:00	761	19.7	18.2	-1.5	35	16.70
24-10-dec	08:31:00	761	19.9	18.3	-1.6	35	16.72
24-10-dec	08:32:00	761	20.0	18.4	-1.6	35	16.80
24-10-dec	08:33:00	761	19.9	18.4	-1.5	35	16.72
24-10-dec	08:34:00	761	19.9	18.5	-1.4	35	16.72
24-10-dec	08:35:00	761	20.2	18.6	-1.6	35	16.72
24-10-dec	08:36:00	761	20.1	18.8	-1.3	34	16.70
24-10-dec	08:37:00	761	20.1	18.7	-1.4	35	16.70
24-10-dec	08:38:00	761	20.2	18.8	-1.4	34	16.70
24-10-dec	08:39:00	761	20.2	18.9	-1.3	35	16.75
24-10-dec	08:40:00	761	20.2	18.9	-1.3	35	16.72
24-10-dec	08:41:00	761	20.3	19.0	-1.3	35	16.72
24-10-dec	08:42:00	761	20.3	19.1	-1.2	34	16.72
24-10-dec	08:43:00	761	20.3	19.2	-1.1	34	16.72
24-10-dec	08:44:00	761	20.4	19.2	-1.2	35	16.77
24-10-dec	08:45:00	761	20.4	19.2	-1.2	35	16.70
24-10-dec	08:46:00	761	20.4	19.3	-1.1	34	16.72
24-10-dec	08:47:00	761	20.5	19.3	-1.2	35	16.67
24-10-dec	08:48:00	761	20.5	19.4	-1.1	35	16.72
24-10-dec	08:49:00	761	20.5	19.5	-1.0	34	16.62
24-10-dec	08:50:00	761	20.8	19.5	-1.3	35	16.70
24-10-dec	08:51:00	761	20.6	19.6	-1.1	34	16.75
24-10-dec	08:52:00	761	20.7	19.7	-1.0	35	16.75
24-10-dec	08:53:00	761	20.8	19.6	-1.2	35	16.75
24-10-dec	08:54:00	761	20.7	19.7	-1.0	35	16.75
24-10-dec	08:55:00	761	20.8	19.8	-1.0	34	16.72
24-10-dec	08:56:00	761	20.8	19.7	-1.1	34	16.72
24-10-dec	08:57:00	761	20.9	19.8	-1.1	34	16.72
24-10-dec	08:58:00	761	20.9	19.9	-1.0	34	16.70
24-10-dec	08:59:00	761	21.0	19.9	-1.1	34	16.75
24-10-dec	09:00:00	761	21.0	19.9	-1.1	34	16.75
24-10-dec	09:01:00	761	21.0	20.0	-1.0	35	16.72
24-10-dec	09:02:00	761	21.1	20.0	-1.1	35	16.75
24-10-dec	09:03:00	761	21.2	20.1	-1.1	34	16.70
24-10-dec	09:04:00	761	21.3	20.2	-1.1	34	16.70
24-10-dec	09:05:00	761	21.3	20.1	-1.2	34	16.72
24-10-dec	09:06:00	761	21.4	20.2	-1.2	34	16.70
24-10-dec	09:07:00	761	21.5	20.3	-1.2	34	16.72
24-10-dec	09:08:00	761	21.3	20.3	-1.0	34	16.70
24-10-dec	09:09:00	761	21.5	20.3	-1.2	34	16.72
24-10-dec	09:10:00	761	21.4	20.4	-1.0	34	16.67
24-10-dec	09:11:00	761	21.4	20.4	-1.0	34	16.72
24-10-dec	09:12:00	761	21.6	20.4	-1.2	35	16.77
24-10-dec	09:13:00	761	21.6	20.5	-1.1	34	16.75
24-10-dec	09:14:00	761	21.6	20.5	-1.1	35	16.75
24-10-dec	09:15:00	761	21.7	20.5	-1.2	34	16.75
24-10-dec	09:16:00	761	21.8	20.6	-1.2	35	16.77

24-10-dec	06:17:00	761	21.8	20.7	-1.1	35	16.60
24-10-dec	09:18:00	761	21.8	20.7	-1.1	34	16.70
24-10-dec	09:19:00	761	21.8	20.9	-0.9	34	16.72
24-10-dec	09:20:00	761	22.0	20.8	-1.2	35	16.75
24-10-dec	09:21:00	761	22.0	20.9	-1.1	35	16.77
24-10-dec	09:22:00	761	21.9	20.5	-1.0	35	16.72
24-10-dec	09:23:00	761	22.0	20.9	-1.1	35	16.70
24-10-dec	09:24:00	761	22.0	21.1	-0.9	35	16.72
24-10-dec	09:25:00	760	22.2	21.1	-1.1	34	16.70
24-10-dec	09:26:00	761	22.2	21.1	-1.1	35	16.75
24-10-dec	09:27:00	761	22.3	21.3	-1.0	35	16.72
24-10-dec	09:28:00	761	22.3	21.2	-1.1	34	16.67
24-10-dec	09:29:00	761	22.3	21.3	-1.0	35	16.70
24-10-dec	09:30:00	761	22.3	21.3	-1.0	35	16.75
24-10-dec	09:31:00	761	22.3	21.4	-0.9	35	16.75
24-10-dec	09:32:00	761	22.3	21.4	-0.9	35	16.70
24-10-dec	09:33:00	761	22.3	21.4	-0.9	35	16.75
24-10-dec	09:34:00	761	22.5	21.5	-1.0	35	16.72
24-10-dec	09:35:00	760	22.5	21.6	-0.9	35	16.75
24-10-dec	09:36:00	761	22.5	21.6	-0.9	35	16.67
24-10-dec	09:37:00	760	22.5	21.6	-0.9	34	16.62
24-10-dec	09:38:00	761	22.6	21.7	-0.9	35	16.62
24-10-dec	09:39:00	761	22.6	21.7	-0.9	34	16.60
24-10-dec	09:40:00	761	22.5	21.8	-0.7	35	16.70
24-10-dec	09:41:00	761	22.6	21.8	-0.8	35	16.77
24-10-dec	09:42:00	761	22.6	21.9	-0.7	34	16.75
24-10-dec	09:43:00	760	22.7	22.0	-0.7	34	16.67
24-10-dec	09:44:00	760	22.9	22.0	-0.9	35	16.75
24-10-dec	09:45:00	761	22.9	22.0	-0.9	35	16.72
24-10-dec	09:46:00	761	22.9	22.0	-0.9	35	16.70
24-10-dec	09:47:00	761	22.9	22.1	-0.8	34	16.72
24-10-dec	09:48:00	761	22.8	22.1	-0.7	35	16.85
24-10-dec	09:49:00	760	22.9	22.2	-0.7	34	16.72
24-10-dec	09:50:00	761	22.8	22.3	-0.5	35	16.72
24-10-dec	09:51:00	760	22.9	22.3	-0.6	35	16.75
24-10-dec	09:52:00	760	23.0	22.4	-0.6	35	16.82
24-10-dec	09:53:00	761	22.9	22.4	-0.5	35	16.75
24-10-dec	09:54:00	761	23.2	22.5	-0.7	35	16.75
24-10-dec	09:55:00	761	23.1	22.6	-0.5	35	16.77
24-10-dec	09:56:00	760	23.2	22.5	-0.7	35	16.80
24-10-dec	09:57:00	761	23.3	22.6	-0.7	35	16.70
24-10-dec	09:58:00	761	23.3	22.6	-0.7	35	16.72
24-10-dec	09:59:00	761	23.3	22.6	-0.7	35	16.70
24-10-dec	10:00:00	761	23.4	22.7	-0.7	35	16.77

空氣品質檢測報告
環境部國環檢證字第036號

檢驗室名稱	華光工程顧問股份有限公司環工部環境檢驗室
檢驗室地址	高雄市前鎮區新衙路288-8號1樓
聯絡人	林俊利
客戶名稱	建利環保顧問股份有限公司
計畫名稱	陸軍砲兵訓練指揮部關廟湯山營區第三條聯外道路、場區連絡道A段擴、整建工程環境監測工作
計畫編號	06506
業別	檢測業
樣品特性	空氣
檢測目的	環境監測

聯絡電話：(07)811-1798 轉7313
傳真：(07)811-1827
報告編號：06506-A65-04
樣品編號：A1131267-04
採樣單位：建利環保顧問股份有限公司
(許可證字號：環境部國環檢證字第055號)
採樣方法：NIEA A205.11C
收樣日期：113年12月11日
報告日期：113年12月20日

[illegible]

備註：1.本報告已由核可報告簽署人審核無誤，並簽署於內部報告文件，簽署人如下：

空氣採樣類：陳美芳(FJA-03)

2. 低於方法偵測極限之測定值以"ND"表示，並於備註欄註明其方法偵測極限(MDL)。

3. 本案由本檢驗室提供濾紙，經採樣單位依採樣方法NIEA A205.11C採樣後委由本檢驗室進行分析，

樣品基本資料均為採樣單位提供，採樣總體積為 24.031 m³

4. 本報告僅對該樣品負責，並不得隨意複製及作為宣傳廣告之用。

5.本報告共1頁，分離使用無效。

6.採樣行程代碼：GDAB24120019

聲明書：(一)茲保證本報告內容完全依照行政院環保署及有關機關之標準方法及品保品管等相關規定，秉持公正、誠實進行採樣、檢測，絕無虛偽不實，如有違反，

就政府機關所受損失願意連帶賠償之責任外，並接受主管機關依法令所為之行政處分及刑事處罰。

(二)吾人瞭解如自身受政府機關委託從事公務，亦屬於刑法上之公務員，並瞭解刑法上圖利罪，公務員登載不實偽造公文書又背信等條例之相關規定，

如有違反，亦為刑法第339條罪條例之適用對象，願受最嚴厲之法律制裁。

公司名稱：華光工程顧問股份有限公司

負責人(簽章):

檢驗室主管/報告簽署人(簽名蓋章):

檢驗室主管
沈依潔



附 件 資 料

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空氣中懸浮微粒(PM_{2.5})分析紀錄表

計畫名稱	陸軍砲兵訓練指揮部關廟湯山營區第三條聯外道路、場區連絡道A段擴、 整建工程環境監測工作		
計畫編號	06506	測點編號	O21155-01
採樣地點	佛聖寺		
開始時間	113 年 12 月 10 日 13 時 00 分		
結束時間	113 年 12 月 11 日 13 時 00 分		
現場空白濾紙編號	W35044660	運送空白濾紙編號	W35044659
採樣濾紙編號	W35044658	實驗空白濾紙編號	W35044651
採樣前濾紙稱值時間	113 年 12 月 2 ~ 3 日		
採樣前濾紙稱值(W _i)	163078.5 μ g		
採樣後濾紙稱值時間	113 年 12 月 13 ~ 16 日		
採樣後濾紙稱值(W _f)	163462.5 μ g		
微粒捕集重(W _f -W _i)	384.0 μ g		
採樣總體積(V _a)	24.031 m ³		
PM _{2.5} 質量濃度	15.979 μ g/m ³		
備註 1：PM _{2.5} 質量濃度計算式如下：PM _{2.5} = (W _f - W _i) / V _a			
審核者	游其 113.12.16	驗算人員	郭金山 11/16
填表人	蔡坤龍 11/16		

細懸浮微粒(PM_{2.5})濾紙稱重紀錄表

濾紙編號	採樣前濾紙樣品恆重Wi(mg)					採樣後濾紙樣品恆重Wf(mg)					前後重量差(μg)				
	初稱(1) 日期時間	初稱(2) (mg)	初稱(3) 日期時間	初稱(3) (mg)	重量差 (≤5 μg)	平均(mg)	終稱(1) 日期時間	終稱(1) (mg)	終稱(2) 日期時間	終稱(2) (mg)		終稱(3) 日期時間	終稱(3) (mg)	重量差 (≤15 μg)	平均(mg)
100mg(C)	2024/12/2 13:23	100.005	2024/12/3 11:18	100.003	-2	100.0040	2024/12/13 9:23	100.005	2024/12/16 9:39	100.004			-1	100.0045	0.5
200mg(C)	2024/12/2 13:23	200.011	2024/12/3 11:18	200.011	0	200.0110	2024/12/13 9:24	200.012	2024/12/16 9:39	200.010			-2	200.0110	0.0
W35044651(LBK)	2024/12/2 13:24	155.975	2024/12/3 11:19	155.972	-3	155.9735	2024/12/13 9:25	155.986	2024/12/16 9:40	155.986			0	155.9860	12.5
W35044652	2024/12/2 13:25	155.622	2024/12/3 11:20	155.620	-2	155.6210	2024/12/13 9:26	155.982	2024/12/16 9:41	155.968			-14	155.9750	354.0
W35044652R	2024/12/2 13:26	155.617	2024/12/3 11:20	155.618	1	155.6175	2024/12/13 9:26	155.979	2024/12/16 9:42	155.966			-13	155.9725	355.0
W35044653(TBK)	2024/12/2 13:27	156.225	2024/12/3 11:20	156.225	0	156.2250	2024/12/13 9:27	156.233	2024/12/16 9:42	156.238			5	156.2355	10.5
W35044654(FBK)	2024/12/2 13:28	158.117	2024/12/3 11:21	158.116	-1	158.1165	2024/12/13 9:28	158.133	2024/12/16 9:43	158.135			2	158.1340	17.5
W35044655	2024/12/2 13:29	176.267	2024/12/3 11:21	176.263	-4	176.2650	2024/12/13 9:28	176.683	2024/12/16 9:44	176.669			-14	176.6760	411.0
W35044655R	2024/12/2 13:29	176.269	2024/12/3 11:22	176.267	-2	176.2680	2024/12/13 9:29	176.684	2024/12/16 9:44	176.670			-14	176.6770	409.0
W35044656(TBK)	2024/12/2 13:30	162.335	2024/12/3 11:22	162.331	-4	162.3330	2024/12/13 9:30	162.338	2024/12/16 9:45	162.342			4	162.3400	7.0
W35044657(FBK)	2024/12/2 13:31	162.060	2024/12/3 11:23	162.057	-3	162.0585	2024/12/13 9:30	162.066	2024/12/16 9:46	162.069			3	162.0675	9.0
W35044658	2024/12/2 13:32	163.080	2024/12/3 11:23	163.077	-3	163.0785	2024/12/13 9:31	163.470	2024/12/16 9:46	163.455			-15	163.4625	384.0
W35044658R	2024/12/2 13:32	163.077	2024/12/3 11:24	163.075	-2	163.0760	2024/12/13 9:31	163.468	2024/12/16 9:47	163.457			-11	163.4625	386.5
W35044659(TBK)	2024/12/2 13:33	163.341	2024/12/3 11:24	163.343	2	163.3450	2024/12/13 9:32	163.351	2024/12/16 9:47	163.352			1	163.3515	6.5
W35044660(FBK)	2024/12/2 13:34	162.884	2024/12/3 11:24	162.884	5	162.8815	2024/12/13 9:33	162.886	2024/12/16 9:48	162.890			4	162.8880	6.5
100mg(C)	2024/12/2 13:35	100.004	2024/12/3 11:25	100.004	0	100.0040	2024/12/13 9:33	100.004	2024/12/16 9:49	100.003			-1	100.0035	-0.5
200mg(C)	2024/12/2 13:36	200.010	2024/12/3 11:25	200.010	0	200.0100	2024/12/13 9:34	200.011	2024/12/16 9:49	200.009			-2	200.0100	0.0
現場空白 ≤ 30 μg (與初稱差) ☒ 符合 ☐ 不符合 溫度環境 24hr 內小時平均變化在 ±2℃ ☒ 符合 ☐ 不符合 重複稱重 ≤ 10 μg (前後差) ☒ 符合 ☐ 不符合 運送空白 ≤ 30 μg (與初稱差) ☒ 符合 ☐ 不符合 實驗室空白 ≤ 15 μg (與初稱差) ☒ 符合 ☐ 不符合 溫度範圍 30~40% ☒ 符合 ☐ 不符合															
審核者: <u>張若愚</u> 填表人: <u>蔣沛璇</u> 12/16															

PM_{2.5}樣品監控表

計畫編號	06506	採樣負責人	建利	採樣日期	113.12.10-11
測點編號	樣品監控				
	濾紙編號	執行時間	濾紙回收時間	樣品編號	
021155-01	W35044658	12/10 1300 - 12/11 1300	12/11 1329	A1131267-04	
021155-TBK	W35044659	12/4 0815	12/11 1329	↓ -04(T)	
021155-TFBK	W35044660	12/10 1253	12/10 1253	↓ -04(T)	

樣品運送	
運送方式	☐ 低溫快遞 ☐ 自行送回
運送人員 / 時間	建利 12月11日 15時30分

樣品登錄查核
1.密封： ☒ 是 ☐ 否；若否、濾紙編號：
2.標示： ☒ 是 ☐ 否；若否、濾紙編號：
3.容器破損： ☐ 是 ☒ 否；若是、濾紙編號：
4.保存溫度： ☒ (4~25℃) 17℃ ☐ (4℃以下) _____℃
5.樣品轉包： ☐ 是 ☒ 否 公司名稱：
6.樣品接收時間(存放無塵室傳遞箱)：12月11日 15時32分
7.取出濾紙開始調理時間：12月11日 15時38分 分析人員：蔣坤理 濾紙回收至開始調理時間小於24小時 ☒ 是 ☐ 否；若否、濾紙編號：
8.其他異常狀況說明：
審核者：建利 113.12.11 樣品管理員：蔣坤理 陳盈祐

空氣中懸浮微粒(PM_{2.5})現場採樣記錄

		管制編號 ※ ※ ※ ※ ※ ※ ※ ※								周界編號 ※ ※ ※ ※			
一、基本資料	1. 公私場所名稱：佛聖寺								2. 採樣日期：113 年 12 月 10~11 日				
	3. 採樣人簽名：(劉文華、湯承恩)								4. 記錄人簽名：(劉文華)				
	5. 大氣壓力 Pa (mmHg)		採樣前	採樣後	平均值	6. 溫度 T (°C)		採樣前	採樣後	平均值			
		963	758	758			25.0	27.8	26.4				
二、現場採樣結果記錄	1. 現場編號	2. 樣品編號	3. 採樣器編號	4. 採樣時間資料 (以 0~23 時之記錄式表示)		5. 流率讀數 (L/min)	6. 採樣總體積 V(m³)		7. 24 小時最頻風向				
						☒ 是 ☐ 否 ≤±2% (16.37~17.03)							
				開始	結束	開始 Qs	結束 Qe						
	021155-AK	N35042660	1670	17:00	17:50								
	021155-01	N35044658	1670	17:00	17:00	12440	16.70	16.72	24.071 *				
三、採樣點位置標示	1. 採樣口離地高度：1.97 m												
	2. 監測相關位置圖描述(主要道路、疑似污染源之方位、距離、施工作業)												
四、環境因子說明	N ↑ X: 181850 Y: 2546090 佛聖寺 南 168-												
	備註：儀器訊號顯示 P=發生斷電狀態 Q=流量變異超過±5% F=戶外溫度跟濾紙溫度相差超過 5°C 且持續超過 30 分鐘 T=採樣時間少於 23 小時 50 分鐘 M=記憶體已滿 G=交直流電切換之瞬間凸波												
	環境因子敘述(如營建工程、火災、沙塵暴、異常天候)。												
五、實驗室分析結果記錄	焚燒枯枝樹葉												
	1. 樣品編號	2. 濾紙編號	3. 採樣前濾紙樣品重量 Wi(μg)	4. 採樣後濾紙樣品重量 Wf(μg)	5. 重量差 Wf-Wi (μg)	6. PM _{2.5} 質量濃度 (μg/m³)							
						OK							
					PM _{2.5} 質量濃度計算式： PM _{2.5} = (Wf - Wi) / Va								
報告簽署人簽章：OK			驗算人員簽章：OK			頁次							

三、採樣分析記錄——採樣與分析過程之樣品核對記錄表

[illegible]

BGI PQ200 Air Sampling System

Downloaded 2024 11 dec 13:30:44

Job Details:

Job Name: O21155.JOB
Version: 5.62
Serial No: 1670
Pump Time: 1961:31
Flags:

Job Code:
Site Name:
Station Code:
Operators:
User1:
User2:

	Max	Min	Avg	Units
BP	761	757	758	mmHg
TA	29.5	15.9	20.9	°C
Q	---	---	16.7	Lpm

Timer Information:

Date	Time
dd-mmm	hh:mm:ss
Start: 24-10-dec	13:00:00
Stop: 24-11-dec	13:00:05
ET: 24:00:00	

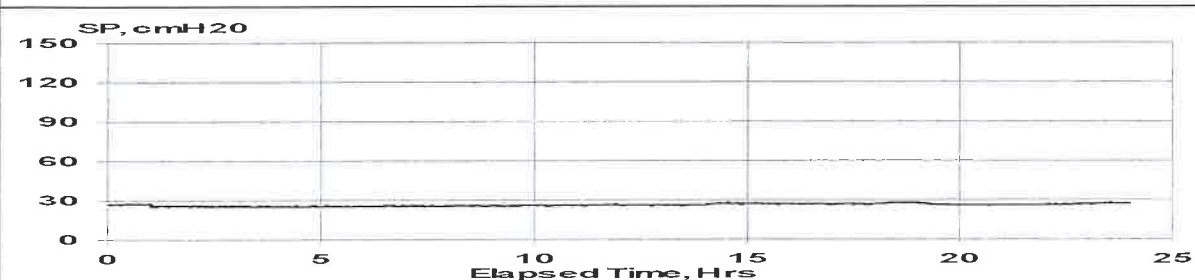
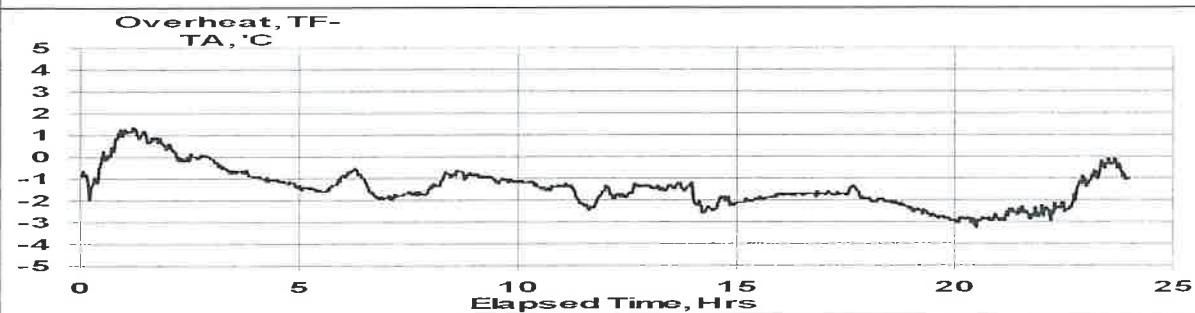
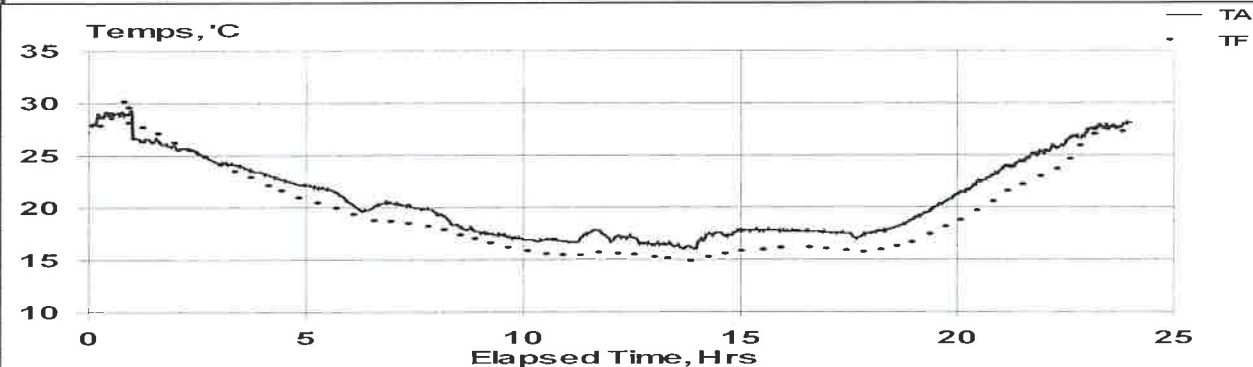
Mass Concentration Data:

Filter ID:	
Final Wt:	mg
Initial Wt:	mg
Delta Wt:	0.000 mg
Total Vol:	24.031 m ³
Mass Conc:	0 痢/m3

QCV 1.54 %
Max overheat 1.6 °C
occured 10-dec 14:12:51

Notes 1:

Notes 2:



劉文華

Hourly

Hourly Averaged Data

Date	Start Hour	BP	AmbT	Filt T	Delta T	SP	Flow
yy-dd-mmm	hh:mm:ss	mmHg	°C	°C	°C	cmH ₂ O	aLpm
24-10-dec	13:01:00	758	28.7	28.5	-0.2	27	16.71
24-10-dec	14:01:00	758	26.3	27.2	0.9	26	16.70
24-10-dec	15:01:00	758	25.1	25.2	0.0	26	16.71
24-10-dec	16:01:00	758	23.8	23.2	-0.6	25	16.71
24-10-dec	17:01:00	758	22.6	21.5	-1.1	25	16.71
24-10-dec	18:01:00	758	21.6	20.2	-1.4	25	16.70
24-10-dec	19:01:00	759	20.1	18.8	-1.3	25	16.71
24-10-dec	20:01:00	759	20.0	18.3	-1.7	25	16.70
24-10-dec	21:01:00	759	18.4	17.4	-1.0	26	16.71
24-10-dec	22:01:00	759	17.3	16.2	-1.0	26	16.70
24-10-dec	23:01:00	759	16.9	15.5	-1.3	26	16.71
24-11-dec	00:01:00	759	17.2	15.4	-1.9	26	16.71
24-11-dec	01:01:00	759	16.9	15.3	-1.6	26	16.71
24-11-dec	02:01:00	759	16.3	14.9	-1.4	26	16.71
24-11-dec	03:01:00	759	17.4	15.1	-2.2	27	16.72
24-11-dec	04:01:00	759	17.8	15.8	-2.0	27	16.71
24-11-dec	05:01:00	759	17.7	16.0	-1.7	27	16.71
24-11-dec	06:01:00	759	17.4	15.7	-1.7	27	16.72
24-11-dec	07:01:00	760	18.1	15.9	-2.1	28	16.71
24-11-dec	08:01:00	760	20.0	17.3	-2.7	27	16.71
24-11-dec	09:01:00	760	22.3	19.4	-2.9	26	16.71
24-11-dec	10:01:00	760	24.5	21.8	-2.6	26	16.71
24-11-dec	11:01:00	759	26.2	24.1	-2.1	26	16.71
24-11-dec	12:01:00	758	27.7	27.0	-0.7	27	16.71

劉文康

Logger Data

Date	Time	BP	AmbT	Filt T	Delta T	BP	Flow	Flags
yy-mm-dd	hh:mm:ss	mmHg	°C	°C	°C	cmH2O	ml/min	PQFT
24-10-dec	13:01:00	758	28.0	27.1	-0.9	27	16.70	
24-10-dec	13:02:00	757	28.0	27.1	-0.9	27	16.72	
24-10-dec	13:03:00	758	27.9	27.1	-0.8	27	16.67	
24-10-dec	13:04:00	758	27.7	27.1	-0.6	26	16.72	
24-10-dec	13:05:00	758	27.9	27.0	-0.9	27	16.70	
24-10-dec	13:06:00	758	28.0	27.1	-0.9	27	16.72	
24-10-dec	13:07:00	758	27.9	27.1	-0.8	27	16.72	
24-10-dec	13:08:00	758	27.6	27.1	-0.5	27	16.67	
24-10-dec	13:09:00	758	28.0	27.1	-0.9	27	16.70	
24-10-dec	13:10:00	758	28.1	27.1	-1.0	27	16.70	
24-10-dec	13:11:00	758	28.4	27.1	-1.3	27	16.72	
24-10-dec	13:12:00	758	28.8	27.1	-1.7	27	16.70	
24-10-dec	13:13:00	758	29.1	27.1	-2.0	27	16.72	
24-10-dec	13:14:00	758	28.9	27.3	-1.6	27	16.70	
24-10-dec	13:15:00	757	28.6	27.2	-1.4	27	16.72	
24-10-dec	13:16:00	758	28.6	27.3	-1.3	27	16.70	
24-10-dec	13:17:00	758	28.7	27.4	-1.3	27	16.75	
24-10-dec	13:18:00	758	28.7	27.5	-1.2	27	16.70	
24-10-dec	13:19:00	758	28.7	27.6	-1.1	26	16.70	
24-10-dec	13:20:00	758	28.5	27.6	-0.9	27	16.72	
24-10-dec	13:21:00	757	28.9	27.6	-1.1	27	16.70	
24-10-dec	13:22:00	758	28.9	27.9	-1.0	27	16.67	
24-10-dec	13:23:00	758	29.1	27.9	-1.2	27	16.75	
24-10-dec	13:24:00	757	29.2	28.0	-1.2	27	16.70	
24-10-dec	13:25:00	758	29.2	28.2	-1.0	27	16.70	
24-10-dec	13:26:00	758	28.8	28.3	-0.5	27	16.70	
24-10-dec	13:27:00	758	28.8	28.3	-0.5	27	16.72	
24-10-dec	13:28:00	758	28.8	28.5	-0.3	28	16.70	
24-10-dec	13:29:00	758	28.8	28.6	-0.3	27	16.72	
24-10-dec	13:30:00	758	28.6	28.6	0.0	27	16.72	
24-10-dec	13:31:00	758	28.6	28.6	0.0	27	16.70	
24-10-dec	13:32:00	758	28.4	28.7	0.3	27	16.72	
24-10-dec	13:33:00	758	28.8	28.7	-0.1	28	16.70	
24-10-dec	13:34:00	757	28.7	28.8	0.1	27	16.70	
24-10-dec	13:35:00	758	29.0	28.6	-0.2	28	16.72	
24-10-dec	13:36:00	757	29.0	28.9	-0.1	27	16.70	
24-10-dec	13:37:00	757	29.0	28.9	-0.1	27	16.75	
24-10-dec	13:38:00	757	29.0	28.9	-0.1	27	16.72	
24-10-dec	13:39:00	757	29.0	29.1	0.1	27	16.72	
24-10-dec	13:40:00	757	29.0	29.1	0.1	27	16.70	
24-10-dec	13:41:00	757	29.0	29.1	0.1	27	16.70	
24-10-dec	13:42:00	758	29.2	29.2	0.0	28	16.67	
24-10-dec	13:43:00	757	28.7	29.2	0.5	27	16.70	
24-10-dec	13:44:00	757	28.8	29.2	0.4	27	16.72	
24-10-dec	13:45:00	758	29.0	29.3	0.3	28	16.70	
24-10-dec	13:46:00	757	29.2	29.4	0.2	27	16.70	
24-10-dec	13:47:00	757	29.2	29.5	0.3	27	16.72	
24-10-dec	13:48:00	758	28.9	29.6	0.7	27	16.70	
24-10-dec	13:49:00	757	28.8	29.7	0.9	27	16.70	
24-10-dec	13:50:00	758	28.9	29.7	0.8	27	16.72	
24-10-dec	13:51:00	757	29.0	29.8	0.8	27	16.72	
24-10-dec	13:52:00	757	29.0	29.9	0.9	27	16.72	

24-10-dec	13:53:00	757	28.8	29.9	1.1	27	16.70	
24-10-dec	13:54:00	757	28.9	30.0	1.1	27	16.75	
24-10-dec	13:55:00	757	28.9	30.1	1.2	27	16.72	
24-10-dec	13:56:00	757	28.9	30.2	1.3	27	16.75	
24-10-dec	13:57:00	757	29.2	30.1	0.9	27	16.70	
24-10-dec	13:58:00	758	29.2	30.3	1.1	28	16.70	
24-10-dec	13:59:00	758	29.4	30.3	0.9	27	16.75	
24-10-dec	14:00:00	758	29.1	30.3	1.2	28	16.77	
24-10-dec	14:01:00	758	28.6	27.8	1.2	26	16.67	
24-10-dec	14:02:00	758	26.5	27.8	1.3	25	16.67	
24-10-dec	14:03:00	758	26.7	27.8	1.1	25	16.70	
24-10-dec	14:04:00	758	26.7	27.8	1.1	26	16.72	
24-10-dec	14:05:00	758	26.6	27.8	1.2	26	16.72	
24-10-dec	14:06:00	758	26.6	27.7	1.1	26	16.72	
24-10-dec	14:07:00	758	26.6	27.8	1.2	26	16.72	
24-10-dec	14:08:00	758	26.6	27.8	1.2	25	16.72	
24-10-dec	14:09:00	758	26.6	27.7	1.1	25	16.67	
24-10-dec	14:10:00	758	26.5	27.7	1.2	26	16.72	
24-10-dec	14:11:00	758	26.6	27.7	1.1	25	16.72	
24-10-dec	14:12:00	758	26.4	27.6	1.2	26	16.70	
24-10-dec	14:13:00	758	26.2	27.6	1.4	26	16.70	
24-10-dec	14:14:00	758	26.4	27.7	1.3	26	16.72	
24-10-dec	14:15:00	758	26.3	27.6	1.3	26	16.75	
24-10-dec	14:16:00	758	26.3	27.6	1.3	26	16.70	
24-10-dec	14:17:00	758	26.3	27.5	1.2	26	16.72	
24-10-dec	14:18:00	758	26.6	27.6	1.0	26	16.72	
24-10-dec	14:19:00	757	26.6	27.6	1.0	26	16.72	
24-10-dec	14:20:00	758	26.6	27.5	0.9	26	16.70	
24-10-dec	14:21:00	757	26.6	27.4	0.8	25	16.70	
24-10-dec	14:22:00	758	26.6	27.5	0.9	26	16.67	
24-10-dec	14:23:00	758	26.5	27.5	1.0	26	16.67	
24-10-dec	14:24:00	758	26.4	27.4	1.0	25	16.67	
24-10-dec	14:25:00	758	26.4	27.4	1.0	26	16.72	
24-10-dec	14:26:00	757	26.3	27.4	1.1	25	16.67	
24-10-dec	14:27:00	758	26.2	27.4	1.2	25	16.70	
24-10-dec	14:28:00	758	26.2	27.4	1.2	26	16.67	
24-10-dec	14:29:00	758	26.2	27.3	1.1	26	16.72	
24-10-dec	14:30:00	758	26.3	27.3	1.0	26	16.70	
24-10-dec	14:31:00	758	26.4	27.2	0.8	26	16.72	
24-10-dec	14:32:00	758	26.5	27.2	0.7	26	16.75	
24-10-dec	14:33:00	758	26.6	27.2	0.6	26	16.70	
24-10-dec	14:34:00	758	26.5	27.2	0.7	26	16.72	
24-10-dec	14:35:00	757	26.5	27.1	0.6	26	16.70	
24-10-dec	14:36:00	758	26.4	27.1	0.7	25	16.70	
24-10-dec	14:37:00	758	26.3	27.0	0.7	26	16.72	
24-10-dec	14:38:00	758	26.1	27.0	0.9	25	16.72	
24-10-dec	14:39:00	758	26.2	26.9	0.7	26	16.70	
24-10-dec	14:40:00	758	26.1	27.0	0.9	26	16.72	
24-10-dec	14:41:00	757	26.0	26.9	0.9	26	16.70	
24-10-dec	14:42:00	758	26.0	26.9	0.9	25	16.70	
24-10-dec	14:43:00	758	26.0	26.9	0.9	26	16.70	
24-10-dec	14:44:00	758	26.0	26.9	0.9	26	16.67	
24-10-dec	14:45:00	758	26.0	26.8	0.8	26	16.70	
24-10-dec	14:46:00	758	26.0	26.7	0.7	26	16.70	
24-10-dec	14:47:00	758	26.1	26.7	0.6	25	16.70	
24-10-dec	14:48:00	758	26.0	26.7	0.7	26	16.72	

24-10-dec	14:49:00	758	25.8	26.7	0.9	26	16.72
24-10-dec	14:50:00	758	25.9	26.6	0.7	25	16.72
24-10-dec	14:51:00	758	25.9	26.6	0.7	26	16.70
24-10-dec	14:52:00	758	25.9	26.5	0.6	26	16.72
24-10-dec	14:53:00	757	25.9	26.5	0.6	26	16.67
24-10-dec	14:54:00	757	25.8	26.4	0.6	25	16.70
24-10-dec	14:55:00	758	25.9	26.4	0.5	26	16.70
24-10-dec	14:56:00	758	25.9	26.4	0.5	25	16.70
24-10-dec	14:57:00	758	25.8	26.3	0.5	25	16.72
24-10-dec	14:58:00	758	26.0	26.3	0.3	25	16.70
24-10-dec	14:59:00	758	25.9	26.3	0.4	26	16.70
24-10-dec	15:00:00	758	25.8	26.2	0.4	26	16.72
24-10-dec	15:01:00	758	25.6	26.2	0.6	26	16.72
24-10-dec	15:02:00	757	25.5	26.1	0.6	26	16.72
24-10-dec	15:03:00	757	25.5	26.1	0.6	26	16.72
24-10-dec	15:04:00	758	25.5	26.0	0.5	26	16.67
24-10-dec	15:05:00	758	25.7	26.0	0.3	26	16.72
24-10-dec	15:06:00	758	25.6	26.0	0.4	26	16.67
24-10-dec	15:07:00	758	25.7	26.0	0.3	25	16.72
24-10-dec	15:08:00	758	25.7	25.9	0.3	25	16.72
24-10-dec	15:09:00	758	25.5	25.9	0.3	26	16.70
24-10-dec	15:10:00	757	25.6	25.8	0.2	26	16.72
24-10-dec	15:11:00	758	25.6	25.8	0.2	25	16.70
24-10-dec	15:12:00	758	25.7	25.7	0.0	26	16.70
24-10-dec	15:13:00	758	25.7	25.7	0.0	26	16.72
24-10-dec	15:14:00	758	25.8	25.6	-0.2	26	16.70
24-10-dec	15:15:00	758	25.6	25.6	0.0	25	16.72
24-10-dec	15:16:00	758	25.6	25.6	0.0	26	16.72
24-10-dec	15:17:00	758	25.7	25.5	-0.2	25	16.70
24-10-dec	15:18:00	758	25.7	25.5	-0.2	25	16.70
24-10-dec	15:19:00	758	25.7	25.5	-0.2	25	16.67
24-10-dec	15:20:00	758	25.5	25.5	0.0	26	16.70
24-10-dec	15:21:00	758	25.6	25.4	-0.2	26	16.72
24-10-dec	15:22:00	758	25.6	25.5	-0.1	25	16.70
24-10-dec	15:23:00	758	25.6	25.4	-0.2	25	16.67
24-10-dec	15:24:00	758	25.5	25.3	-0.2	25	16.72
24-10-dec	15:25:00	758	25.5	25.4	-0.1	25	16.67
24-10-dec	15:26:00	758	25.5	25.3	-0.2	26	16.72
24-10-dec	15:27:00	758	25.4	25.4	0.0	26	16.70
24-10-dec	15:28:00	757	25.3	25.3	0.0	25	16.72
24-10-dec	15:29:00	758	25.4	25.2	-0.2	25	16.72
24-10-dec	15:30:00	757	25.4	25.2	-0.2	25	16.72
24-10-dec	15:31:00	758	25.2	25.2	0.0	26	16.72
24-10-dec	15:32:00	758	25.0	25.2	0.2	25	16.72
24-10-dec	15:33:00	758	26.2	25.2	0.0	26	16.72
24-10-dec	15:34:00	757	25.1	25.1	0.0	25	16.72
24-10-dec	15:35:00	758	25.1	25.1	0.0	26	16.70
24-10-dec	15:36:00	758	25.0	25.0	0.0	25	16.67
24-10-dec	15:37:00	757	25.0	25.0	0.0	26	16.72
24-10-dec	15:38:00	758	25.0	25.0	0.0	25	16.70
24-10-dec	15:39:00	758	25.0	25.0	0.0	26	16.70
24-10-dec	15:40:00	758	24.9	24.9	0.0	26	16.70
24-10-dec	15:41:00	758	25.0	24.9	-0.1	26	16.70
24-10-dec	15:42:00	758	25.0	24.9	-0.1	26	16.70
24-10-dec	15:43:00	758	24.9	24.8	-0.1	26	16.72
24-10-dec	15:44:00	758	24.8	24.8	0.0	25	16.72

24-10-dec	16:41:00	758	23.6	22.9	-0.7	25	16.70
24-10-dec	16:42:00	758	23.6	22.9	-0.7	26	16.72
24-10-dec	16:43:00	758	23.5	22.9	-0.6	25	16.70
24-10-dec	16:44:00	758	23.6	22.8	-0.8	25	16.70
24-10-dec	16:45:00	758	23.5	22.8	-0.7	26	16.72
24-10-dec	16:46:00	758	23.5	22.8	-0.7	26	16.75
24-10-dec	16:47:00	758	23.5	22.7	-0.8	25	16.72
24-10-dec	16:48:00	757	23.4	22.8	-0.6	25	16.70
24-10-dec	16:49:00	758	23.4	22.8	-0.6	25	16.72
24-10-dec	16:50:00	758	23.4	22.6	-0.8	25	16.70
24-10-dec	16:51:00	758	23.4	22.6	-0.8	26	16.72
24-10-dec	16:52:00	758	23.4	22.5	-0.9	25	16.72
24-10-dec	16:53:00	758	23.4	22.5	-0.9	25	16.72
24-10-dec	16:54:00	758	23.4	22.5	-0.9	25	16.72
24-10-dec	16:55:00	758	23.4	22.5	-0.9	25	16.67
24-10-dec	16:56:00	758	23.4	22.5	-0.9	25	16.72
24-10-dec	16:57:00	758	23.4	22.5	-0.9	25	16.67
24-10-dec	16:58:00	758	23.4	22.4	-1.0	25	16.72
24-10-dec	16:59:00	758	23.3	22.4	-0.9	26	16.70
24-10-dec	17:00:00	758	23.3	22.4	-0.9	25	16.72
24-10-dec	17:01:00	758	23.3	22.4	-0.9	25	16.70
24-10-dec	17:02:00	758	23.2	22.3	-0.9	25	16.72
24-10-dec	17:03:00	758	23.2	22.2	-1.0	25	16.70
24-10-dec	17:04:00	758	23.1	22.2	-0.9	25	16.72
24-10-dec	17:05:00	758	23.2	22.2	-1.0	25	16.72
24-10-dec	17:06:00	758	23.1	22.2	-0.9	25	16.72
24-10-dec	17:07:00	758	23.1	22.2	-0.9	26	16.67
24-10-dec	17:08:00	758	23.1	22.1	-1.0	25	16.72
24-10-dec	17:09:00	758	23.1	22.1	-1.0	25	16.72
24-10-dec	17:10:00	758	23.1	22.1	-1.0	25	16.72
24-10-dec	17:11:00	758	23.0	22.0	-1.0	25	16.75
24-10-dec	17:12:00	758	23.0	22.0	-1.0	25	16.72
24-10-dec	17:13:00	758	23.0	22.0	-1.0	25	16.67
24-10-dec	17:14:00	758	23.0	21.9	-1.1	25	16.67
24-10-dec	17:15:00	758	23.0	21.9	-1.1	26	16.72
24-10-dec	17:16:00	758	22.9	21.9	-1.0	25	16.70
24-10-dec	17:17:00	758	22.8	21.9	-0.9	25	16.70
24-10-dec	17:18:00	757	22.9	21.7	-1.2	25	16.70
24-10-dec	17:19:00	758	22.8	21.8	-1.0	25	16.72
24-10-dec	17:20:00	758	22.8	21.7	-1.1	25	16.70
24-10-dec	17:21:00	758	22.8	21.8	-1.0	25	16.70
24-10-dec	17:22:00	758	22.8	21.7	-1.1	25	16.72
24-10-dec	17:23:00	758	22.7	21.7	-1.0	25	16.70
24-10-dec	17:24:00	758	22.7	21.6	-1.1	25	16.70
24-10-dec	17:25:00	758	22.8	21.7	-1.1	26	16.72
24-10-dec	17:26:00	758	22.6	21.6	-1.0	26	16.70
24-10-dec	17:27:00	758	22.7	21.6	-1.1	25	16.70
24-10-dec	17:28:00	758	22.7	21.6	-1.1	25	16.72
24-10-dec	17:29:00	758	22.6	21.5	-1.1	25	16.70
24-10-dec	17:30:00	758	22.6	21.5	-1.1	25	16.72
24-10-dec	17:31:00	758	22.5	21.5	-1.0	25	16.72
24-10-dec	17:32:00	758	22.6	21.4	-1.2	25	16.72
24-10-dec	17:33:00	758	22.5	21.4	-1.1	25	16.72
24-10-dec	17:34:00	758	22.5	21.4	-1.1	25	16.72
24-10-dec	17:35:00	758	22.5	21.4	-1.1	25	16.70
24-10-dec	17:36:00	758	22.5	21.4	-1.1	25	16.72

24-10-dec	17:37:00	758	22.5	21.3	-1.2	25	16.70
24-10-dec	17:38:00	758	22.4	21.3	-1.1	25	16.72
24-10-dec	17:39:00	758	22.4	21.3	-1.1	25	16.70
24-10-dec	17:40:00	758	22.4	21.2	-1.2	25	16.70
24-10-dec	17:41:00	758	22.4	21.2	-1.2	25	16.72
24-10-dec	17:42:00	758	22.4	21.2	-1.2	25	16.70
24-10-dec	17:43:00	758	22.4	21.2	-1.2	25	16.77
24-10-dec	17:44:00	758	22.3	21.1	-1.2	25	16.72
24-10-dec	17:45:00	758	22.3	21.1	-1.2	25	16.72
24-10-dec	17:46:00	758	22.3	21.0	-1.3	26	16.70
24-10-dec	17:47:00	758	22.2	21.1	-1.1	25	16.72
24-10-dec	17:48:00	758	22.2	21.0	-1.2	26	16.67
24-10-dec	17:49:00	758	22.2	21.0	-1.2	26	16.72
24-10-dec	17:50:00	758	22.2	21.0	-1.2	25	16.70
24-10-dec	17:51:00	758	22.2	21.0	-1.2	25	16.75
24-10-dec	17:52:00	758	22.1	20.9	-1.2	26	16.72
24-10-dec	17:53:00	758	22.1	20.9	-1.2	26	16.70
24-10-dec	17:54:00	758	22.1	20.9	-1.2	25	16.70
24-10-dec	17:55:00	758	22.2	20.8	-1.4	25	16.70
24-10-dec	17:56:00	758	22.2	20.8	-1.4	25	16.65
24-10-dec	17:57:00	758	22.2	20.8	-1.4	25	16.65
24-10-dec	17:58:00	758	22.1	20.8	-1.3	25	16.72
24-10-dec	17:59:00	759	22.2	20.7	-1.5	25	16.70
24-10-dec	18:00:00	759	22.1	20.8	-1.3	25	16.72
24-10-dec	18:01:00	758	22.1	20.8	-1.3	25	16.72
24-10-dec	18:02:00	759	22.1	20.7	-1.4	25	16.67
24-10-dec	18:03:00	758	22.1	20.7	-1.4	25	16.70
24-10-dec	18:04:00	758	22.2	20.6	-1.6	25	16.70
24-10-dec	18:05:00	758	22.0	20.6	-1.4	25	16.72
24-10-dec	18:06:00	758	22.1	20.5	-1.5	26	16.67
24-10-dec	18:07:00	758	22.0	20.6	-1.4	25	16.70
24-10-dec	18:08:00	758	22.0	20.6	-1.4	26	16.70
24-10-dec	18:09:00	758	22.0	20.6	-1.4	26	16.70
24-10-dec	18:10:00	758	22.0	20.6	-1.4	26	16.72
24-10-dec	18:11:00	759	21.9	20.5	-1.4	25	16.70
24-10-dec	18:12:00	759	22.0	20.5	-1.5	25	16.67
24-10-dec	18:13:00	758	21.9	20.5	-1.4	25	16.75
24-10-dec	18:14:00	759	21.9	20.5	-1.4	25	16.70
24-10-dec	18:15:00	759	21.9	20.4	-1.5	25	16.72
24-10-dec	18:16:00	758	21.9	20.4	-1.5	25	16.70
24-10-dec	18:17:00	759	21.8	20.4	-1.4	26	16.70
24-10-dec	18:18:00	758	21.9	20.4	-1.5	25	16.72
24-10-dec	18:19:00	759	21.8	20.4	-1.4	25	16.75
24-10-dec	18:20:00	758	21.8	20.3	-1.5	25	16.70
24-10-dec	18:21:00	758	21.8	20.3	-1.5	26	16.70
24-10-dec	18:22:00	759	21.8	20.3	-1.5	25	16.72
24-10-dec	18:23:00	758	21.9	20.3	-1.6	25	16.72
24-10-dec	18:24:00	758	21.8	20.3	-1.5	25	16.72
24-10-dec	18:25:00	759	21.8	20.3	-1.5	25	16.65
24-10-dec	18:26:00	758	21.8	20.2	-1.6	26	16.70
24-10-dec	18:27:00	758	21.8	20.2	-1.6	25	16.70
24-10-dec	18:28:00	759	21.8	20.2	-1.6	25	16.70
24-10-dec	18:29:00	759	21.7	20.2	-1.5	25	16.70
24-10-dec	18:30:00	758	21.8	20.2	-1.6	25	16.72
24-10-dec	18:31:00	759	21.7	20.1	-1.6	25	16.72
24-10-dec	18:32:00	759	21.7	20.1	-1.6	25	16.67

24-10-dec	18:33:00	758	21.7	20.1	-1.6	25	16.72
24-10-dec	18:34:00	759	21.7	20.1	-1.6	26	16.70
24-10-dec	18:35:00	758	21.7	20.1	-1.6	25	16.72
24-10-dec	18:36:00	759	21.6	20.0	-1.6	25	16.67
24-10-dec	18:37:00	758	21.6	20.0	-1.6	26	16.72
24-10-dec	18:38:00	759	21.6	20.0	-1.6	25	16.67
24-10-dec	18:39:00	758	21.5	20.0	-1.5	25	16.65
24-10-dec	18:40:00	758	21.5	20.0	-1.5	26	16.75
24-10-dec	18:41:00	759	21.6	20.0	-1.6	25	16.70
24-10-dec	18:42:00	758	21.4	20.0	-1.4	25	16.72
24-10-dec	18:43:00	758	21.4	20.0	-1.4	25	16.70
24-10-dec	18:44:00	758	21.3	19.9	-1.4	25	16.67
24-10-dec	18:45:00	759	21.3	19.8	-1.4	25	16.75
24-10-dec	18:46:00	758	21.3	20.0	-1.3	25	16.67
24-10-dec	18:47:00	758	21.1	19.8	-1.3	25	16.72
24-10-dec	18:48:00	759	21.1	19.6	-1.3	25	16.70
24-10-dec	18:49:00	758	21.1	19.8	-1.3	25	16.70
24-10-dec	18:50:00	758	21.1	19.6	-1.3	26	16.70
24-10-dec	18:51:00	758	21.0	19.7	-1.3	25	16.70
24-10-dec	18:52:00	759	21.0	19.7	-1.3	26	16.70
24-10-dec	18:53:00	759	20.9	19.7	-1.2	25	16.67
24-10-dec	18:54:00	758	20.8	19.7	-1.1	26	16.72
24-10-dec	18:55:00	759	20.7	19.7	-1.0	25	16.72
24-10-dec	18:56:00	758	20.8	19.6	-1.2	26	16.72
24-10-dec	18:57:00	758	20.6	19.6	-1.0	25	16.72
24-10-dec	18:58:00	759	20.5	19.6	-0.9	25	16.70
24-10-dec	18:59:00	759	20.5	19.6	-0.9	25	16.72
24-10-dec	19:00:00	758	20.5	19.6	-0.9	26	16.70
24-10-dec	19:01:00	759	20.4	19.5	-0.9	25	16.65
24-10-dec	19:02:00	758	20.4	19.6	-0.8	25	16.70
24-10-dec	19:03:00	759	20.4	19.4	-1.0	25	16.70
24-10-dec	19:04:00	758	20.3	19.4	-0.9	25	16.67
24-10-dec	19:05:00	759	20.2	19.4	-0.8	25	16.70
24-10-dec	19:06:00	759	20.2	19.3	-0.9	26	16.72
24-10-dec	19:07:00	759	20.1	19.3	-0.8	25	16.70
24-10-dec	19:08:00	758	20.0	19.3	-0.7	25	16.70
24-10-dec	19:09:00	758	20.0	19.3	-0.7	26	16.70
24-10-dec	19:10:00	759	20.0	19.2	-0.8	26	16.70
24-10-dec	19:11:00	759	19.9	19.2	-0.7	26	16.75
24-10-dec	19:12:00	758	19.9	19.2	-0.7	26	16.70
24-10-dec	19:13:00	758	19.8	19.2	-0.6	25	16.70
24-10-dec	19:14:00	759	19.8	19.1	-0.7	25	16.72
24-10-dec	19:15:00	759	19.7	19.1	-0.6	25	16.70
24-10-dec	19:16:00	759	19.7	19.1	-0.5	25	16.72
24-10-dec	19:17:00	758	19.6	19.1	-0.5	26	16.72
24-10-dec	19:18:00	759	19.6	19.0	-0.6	25	16.70
24-10-dec	19:19:00	759	19.6	19.0	-0.6	23	16.70
24-10-dec	19:20:00	759	19.7	19.0	-0.7	23	16.67
24-10-dec	19:21:00	759	19.9	18.9	-0.9	25	16.70
24-10-dec	19:22:00	759	19.7	18.8	-0.8	26	16.77
24-10-dec	19:23:00	758	19.7	18.9	-0.8	25	16.72
24-10-dec	19:24:00	759	19.7	18.9	-0.8	26	16.70
24-10-dec	19:25:00	759	19.7	18.8	-0.9	25	16.70
24-10-dec	19:26:00	759	19.8	18.8	-1.0	25	16.70
24-10-dec	19:27:00	759	19.8	18.8	-1.0	25	16.67
24-10-dec	19:28:00	758	19.8	18.8	-1.0	26	16.67

24-10-dec	20:25:00	759	20.0	18.3	-1.7	25	16.65
24-10-dec	20:26:00	759	20.0	18.3	-1.7	25	16.70
24-10-dec	20:27:00	759	20.0	18.3	-1.7	25	16.72
24-10-dec	20:28:00	759	20.0	18.3	-1.7	25	16.72
24-10-dec	20:29:00	759	20.0	18.3	-1.7	25	16.67
24-10-dec	20:30:00	759	20.0	18.3	-1.7	25	16.65
24-10-dec	20:31:00	759	19.9	18.3	-1.6	25	16.72
24-10-dec	20:32:00	759	19.9	18.3	-1.6	25	16.70
24-10-dec	20:33:00	759	19.9	18.2	-1.7	25	16.70
24-10-dec	20:34:00	759	19.9	18.2	-1.7	26	16.67
24-10-dec	20:35:00	759	19.9	18.2	-1.7	25	16.70
24-10-dec	20:36:00	759	19.9	18.1	-1.8	26	16.72
24-10-dec	20:37:00	759	19.9	18.2	-1.7	26	16.70
24-10-dec	20:38:00	759	19.9	18.2	-1.7	26	16.72
24-10-dec	20:39:00	759	19.8	18.2	-1.6	25	16.70
24-10-dec	20:40:00	759	19.9	18.2	-1.7	25	16.72
24-10-dec	20:41:00	759	19.9	18.1	-1.8	25	16.67
24-10-dec	20:42:00	759	19.9	18.1	-1.8	25	16.67
24-10-dec	20:43:00	759	19.8	18.2	-1.6	25	16.67
24-10-dec	20:44:00	759	19.8	18.2	-1.6	25	16.67
24-10-dec	20:45:00	759	19.8	18.2	-1.6	25	16.72
24-10-dec	20:46:00	759	19.8	18.1	-1.7	26	16.67
24-10-dec	20:47:00	759	19.8	18.1	-1.7	25	16.70
24-10-dec	20:48:00	759	19.9	18.1	-1.8	25	16.72
24-10-dec	20:49:00	759	19.8	18.1	-1.7	25	16.72
24-10-dec	20:50:00	759	19.8	18.1	-1.7	25	16.70
24-10-dec	20:51:00	759	19.8	18.1	-1.7	25	16.72
24-10-dec	20:52:00	759	19.8	18.1	-1.7	25	16.70
24-10-dec	20:53:00	759	19.8	18.1	-1.7	26	16.70
24-10-dec	20:54:00	759	19.8	18.0	-1.8	25	16.70
24-10-dec	20:55:00	759	19.7	18.0	-1.7	25	16.72
24-10-dec	20:56:00	759	19.7	18.0	-1.7	25	16.67
24-10-dec	20:57:00	759	19.6	18.0	-1.6	26	16.72
24-10-dec	20:58:00	759	19.5	18.0	-1.5	26	16.67
24-10-dec	20:59:00	759	19.5	18.0	-1.5	25	16.70
24-10-dec	21:00:00	759	19.4	18.0	-1.4	25	16.72
24-10-dec	21:01:00	759	19.3	18.0	-1.3	25	16.65
24-10-dec	21:02:00	760	19.4	17.9	-1.5	25	16.75
24-10-dec	21:03:00	759	19.3	17.9	-1.4	26	16.70
24-10-dec	21:04:00	759	19.3	17.9	-1.4	25	16.72
24-10-dec	21:05:00	760	19.2	18.0	-1.2	26	16.72
24-10-dec	21:06:00	760	19.2	17.9	-1.3	26	16.67
24-10-dec	21:07:00	759	19.3	17.9	-1.4	25	16.72
24-10-dec	21:08:00	759	19.2	17.9	-1.3	26	16.72
24-10-dec	21:09:00	759	19.2	17.8	-1.4	26	16.67
24-10-dec	21:10:00	760	19.2	17.9	-1.3	25	16.70
24-10-dec	21:11:00	759	19.1	17.8	-1.3	26	16.72
24-10-dec	21:12:00	760	19.1	17.8	-1.3	25	16.72
24-10-dec	21:13:00	759	19.1	17.7	-1.4	26	16.70
24-10-dec	21:14:00	760	19.0	17.8	-1.2	26	16.72
24-10-dec	21:15:00	759	18.9	17.8	-1.1	26	16.70
24-10-dec	21:16:00	759	18.8	17.7	-1.1	26	16.70
24-10-dec	21:17:00	760	18.8	17.7	-1.1	25	16.70
24-10-dec	21:18:00	760	18.7	17.7	-1.0	26	16.70
24-10-dec	21:19:00	759	18.6	17.7	-0.9	26	16.72
24-10-dec	21:20:00	759	18.4	17.6	-0.8	26	16.70

24-10-dec	21:21:00	759	18.4	17.7	-0.7	26	16.70
24-10-dec	21:22:00	760	18.3	17.6	-0.7	25	16.70
24-10-dec	21:23:00	759	18.3	17.5	-0.8	26	16.72
24-10-dec	21:24:00	759	18.3	17.5	-0.8	25	16.72
24-10-dec	21:25:00	759	18.3	17.5	-0.8	26	16.70
24-10-dec	21:26:00	759	18.3	17.5	-0.8	25	16.72
24-10-dec	21:27:00	759	18.4	17.5	-0.9	26	16.67
24-10-dec	21:28:00	759	18.4	17.4	-1.0	25	16.70
24-10-dec	21:29:00	759	18.4	17.5	-0.9	26	16.75
24-10-dec	21:30:00	759	18.2	17.4	-0.8	26	16.72
24-10-dec	21:31:00	760	18.2	17.4	-0.8	26	16.67
24-10-dec	21:32:00	759	18.1	17.3	-0.8	25	16.70
24-10-dec	21:33:00	759	18.2	17.3	-0.9	25	16.72
24-10-dec	21:34:00	759	18.2	17.3	-0.9	25	16.67
24-10-dec	21:35:00	759	18.0	17.3	-0.7	26	16.75
24-10-dec	21:36:00	759	18.0	17.3	-0.7	26	16.70
24-10-dec	21:37:00	759	17.9	17.3	-0.6	26	16.72
24-10-dec	21:38:00	759	17.9	17.2	-0.7	26	16.72
24-10-dec	21:39:00	759	17.9	17.2	-0.7	26	16.72
24-10-dec	21:40:00	760	17.9	17.2	-0.7	25	16.70
24-10-dec	21:41:00	759	17.8	17.1	-0.7	26	16.75
24-10-dec	21:42:00	759	17.8	17.1	-0.7	26	16.70
24-10-dec	21:43:00	759	17.9	17.2	-0.7	25	16.72
24-10-dec	21:44:00	759	17.9	17.2	-0.7	26	16.72
24-10-dec	21:45:00	759	17.9	17.1	-0.8	25	16.65
24-10-dec	21:46:00	760	18.0	17.0	-1.0	26	16.70
24-10-dec	21:47:00	759	18.1	17.0	-1.1	25	16.70
24-10-dec	21:48:00	760	18.0	17.0	-1.0	25	16.72
24-10-dec	21:49:00	760	18.0	17.0	-1.0	25	16.70
24-10-dec	21:50:00	760	17.8	17.0	-0.8	25	16.70
24-10-dec	21:51:00	759	17.8	16.9	-0.9	26	16.72
24-10-dec	21:52:00	760	17.8	17.0	-0.8	25	16.70
24-10-dec	21:53:00	759	17.7	16.9	-0.8	25	16.72
24-10-dec	21:54:00	759	17.7	17.0	-0.7	26	16.72
24-10-dec	21:55:00	759	17.7	16.9	-0.8	25	16.70
24-10-dec	21:56:00	759	17.7	16.8	-0.9	25	16.72
24-10-dec	21:57:00	759	17.7	16.8	-0.9	26	16.70
24-10-dec	21:58:00	759	17.7	16.9	-0.8	25	16.70
24-10-dec	21:59:00	760	17.7	16.8	-0.9	26	16.72
24-10-dec	22:00:00	760	17.6	16.7	-0.9	26	16.72
24-10-dec	22:01:00	759	17.5	16.7	-0.8	25	16.67
24-10-dec	22:02:00	759	17.6	16.8	-0.8	26	16.72
24-10-dec	22:03:00	759	17.5	16.7	-0.9	25	16.72
24-10-dec	22:04:00	759	17.5	16.7	-0.8	26	16.70
24-10-dec	22:05:00	759	17.5	16.7	-0.8	26	16.70
24-10-dec	22:06:00	759	17.6	16.6	-1.0	25	16.67
24-10-dec	22:07:00	759	17.5	16.6	-0.9	25	16.67
24-10-dec	22:08:00	760	17.6	16.7	-0.9	26	16.70
24-10-dec	22:09:00	760	17.6	16.6	-1.0	26	16.70
24-10-dec	22:10:00	759	17.6	16.6	-1.0	26	16.70
24-10-dec	22:11:00	760	17.4	16.5	-0.9	26	16.72
24-10-dec	22:12:00	760	17.4	16.5	-0.9	25	16.72
24-10-dec	22:13:00	759	17.4	16.5	-0.9	25	16.70
24-10-dec	22:14:00	759	17.5	16.5	-1.0	26	16.72
24-10-dec	22:15:00	759	17.5	16.5	-1.0	25	16.72
24-10-dec	22:16:00	759	17.5	16.5	-1.0	25	16.70

24-10-dec	22:17:00	760	17.5	16.5	-1.0	25	16.75
24-10-dec	22:18:00	759	17.4	16.5	-0.9	25	16.65
24-10-dec	22:19:00	759	17.4	16.4	-1.0	25	16.72
24-10-dec	22:20:00	759	17.3	16.4	-0.9	26	16.67
24-10-dec	22:21:00	759	17.3	16.4	-0.9	25	16.67
24-10-dec	22:22:00	759	17.3	16.3	-1.0	26	16.70
24-10-dec	22:23:00	759	17.3	16.3	-1.0	25	16.70
24-10-dec	22:24:00	759	17.3	16.4	-0.9	26	16.67
24-10-dec	22:25:00	759	17.4	16.4	-1.0	25	16.77
24-10-dec	22:26:00	759	17.3	16.3	-1.0	25	16.65
24-10-dec	22:27:00	760	17.4	16.3	-1.1	25	16.72
24-10-dec	22:28:00	759	17.3	16.3	-1.0	25	16.65
24-10-dec	22:29:00	759	17.3	16.2	-1.1	26	16.65
24-10-dec	22:30:00	759	17.4	16.2	-1.2	26	16.70
24-10-dec	22:31:00	759	17.4	16.2	-1.2	25	16.72
24-10-dec	22:32:00	759	17.4	16.2	-1.2	25	16.75
24-10-dec	22:33:00	759	17.3	16.1	-1.2	26	16.72
24-10-dec	22:34:00	759	17.4	16.1	-1.3	26	16.72
24-10-dec	22:35:00	759	17.3	16.2	-1.1	26	16.67
24-10-dec	22:36:00	759	17.3	16.2	-1.1	25	16.67
24-10-dec	22:37:00	759	17.2	16.1	-1.1	26	16.70
24-10-dec	22:38:00	759	17.2	16.1	-1.1	25	16.67
24-10-dec	22:39:00	759	17.1	16.1	-1.0	25	16.72
24-10-dec	22:40:00	759	17.1	16.1	-1.0	26	16.70
24-10-dec	22:41:00	760	17.2	16.1	-1.1	26	16.70
24-10-dec	22:42:00	759	17.1	16.1	-1.0	26	16.70
24-10-dec	22:43:00	759	17.1	16.0	-1.1	25	16.67
24-10-dec	22:44:00	759	17.1	16.0	-1.1	26	16.72
24-10-dec	22:45:00	759	17.0	16.0	-1.0	26	16.70
24-10-dec	22:46:00	759	17.1	16.0	-1.1	26	16.70
24-10-dec	22:47:00	760	17.2	16.0	-1.2	26	16.70
24-10-dec	22:48:00	759	17.2	16.0	-1.2	26	16.67
24-10-dec	22:49:00	759	17.1	16.0	-1.1	26	16.70
24-10-dec	22:50:00	759	17.0	16.0	-1.0	26	16.70
24-10-dec	22:51:00	759	17.0	15.9	-1.1	26	16.72
24-10-dec	22:52:00	759	17.0	15.9	-1.1	26	16.70
24-10-dec	22:53:00	759	17.0	15.9	-1.1	25	16.67
24-10-dec	22:54:00	759	17.1	15.9	-1.2	26	16.70
24-10-dec	22:55:00	759	17.0	15.9	-1.1	26	16.72
24-10-dec	22:56:00	759	17.0	15.9	-1.1	26	16.70
24-10-dec	22:57:00	759	17.0	15.9	-1.1	26	16.70
24-10-dec	22:58:00	759	17.0	15.8	-1.2	26	16.72
24-10-dec	22:59:00	759	17.0	15.8	-1.2	26	16.70
24-10-dec	23:00:00	759	16.9	15.8	-1.1	26	16.70
24-10-dec	23:01:00	759	16.9	15.7	-1.2	26	16.72
24-10-dec	23:02:00	759	16.9	15.8	-1.1	26	16.72
24-10-dec	23:03:00	759	16.9	15.8	-1.1	26	16.70
24-10-dec	23:04:00	759	16.9	15.7	-1.2	26	16.72
24-10-dec	23:05:00	759	16.9	15.7	-1.2	26	16.72
24-10-dec	23:06:00	759	16.9	15.7	-1.1	26	16.70
24-10-dec	23:07:00	759	16.9	15.8	-1.1	26	16.67
24-10-dec	23:08:00	759	16.9	15.7	-1.2	26	16.70
24-10-dec	23:09:00	759	16.9	15.7	-1.2	26	16.70
24-10-dec	23:10:00	759	16.9	15.7	-1.2	26	16.67
24-10-dec	23:11:00	759	16.9	15.7	-1.2	26	16.72
24-10-dec	23:12:00	760	16.9	15.7	-1.2	26	16.75

24-11-dec	00:09:00	759	16.7	15.3	-1.4	25	16.67
24-11-dec	00:10:00	759	16.7	15.3	-1.4	26	16.67
24-11-dec	00:11:00	759	16.7	15.3	-1.4	25	16.70
24-11-dec	00:12:00	759	16.6	15.3	-1.3	25	16.67
24-11-dec	00:13:00	759	16.6	15.3	-1.3	26	16.72
24-11-dec	00:14:00	759	16.7	15.2	-1.5	26	16.70
24-11-dec	00:15:00	759	16.7	15.3	-1.4	26	16.70
24-11-dec	00:16:00	759	16.7	15.2	-1.5	26	16.72
24-11-dec	00:17:00	759	16.8	15.2	-1.6	26	16.70
24-11-dec	00:18:00	759	16.9	15.3	-1.6	26	16.75
24-11-dec	00:19:00	759	17.1	15.3	-1.8	26	16.70
24-11-dec	00:20:00	759	17.1	15.2	-1.9	26	16.72
24-11-dec	00:21:00	759	17.1	15.2	-1.9	26	16.67
24-11-dec	00:22:00	759	17.2	15.2	-2.0	26	16.67
24-11-dec	00:23:00	759	17.3	15.3	-2.0	26	16.70
24-11-dec	00:24:00	759	17.2	15.2	-2.0	26	16.72
24-11-dec	00:25:00	759	17.4	15.2	-2.2	26	16.72
24-11-dec	00:26:00	759	17.4	15.3	-2.1	26	16.70
24-11-dec	00:27:00	759	17.5	15.3	-2.2	26	16.72
24-11-dec	00:28:00	759	17.4	15.3	-2.1	26	16.72
24-11-dec	00:29:00	759	17.5	15.3	-2.2	26	16.70
24-11-dec	00:30:00	759	17.5	15.3	-2.2	26	16.72
24-11-dec	00:31:00	759	17.6	15.3	-2.3	26	16.67
24-11-dec	00:32:00	759	17.6	15.3	-2.3	26	16.70
24-11-dec	00:33:00	759	17.6	15.4	-2.2	26	16.70
24-11-dec	00:34:00	759	17.6	15.4	-2.2	26	16.70
24-11-dec	00:35:00	759	17.7	15.4	-2.3	26	16.70
24-11-dec	00:36:00	759	17.8	15.4	-2.4	26	16.72
24-11-dec	00:37:00	759	17.8	15.4	-2.4	26	16.70
24-11-dec	00:38:00	759	17.9	15.4	-2.5	25	16.70
24-11-dec	00:39:00	759	17.7	15.4	-2.3	26	16.72
24-11-dec	00:40:00	759	17.8	15.5	-2.3	26	16.72
24-11-dec	00:41:00	759	17.8	15.5	-2.3	26	16.70
24-11-dec	00:42:00	759	17.8	15.4	-2.4	27	16.72
24-11-dec	00:43:00	759	17.8	15.5	-2.3	26	16.72
24-11-dec	00:44:00	759	17.8	15.4	-2.4	27	16.70
24-11-dec	00:45:00	759	17.8	15.5	-2.3	26	16.72
24-11-dec	00:46:00	759	17.7	15.5	-2.2	26	16.72
24-11-dec	00:47:00	759	17.7	15.4	-2.2	26	16.72
24-11-dec	00:48:00	759	17.5	15.5	-2.0	26	16.70
24-11-dec	00:49:00	759	17.5	15.5	-2.0	26	16.75
24-11-dec	00:50:00	759	17.4	15.5	-1.9	26	16.70
24-11-dec	00:51:00	759	17.4	15.5	-1.9	26	16.77
24-11-dec	00:52:00	759	17.3	15.5	-1.8	26	16.70
24-11-dec	00:53:00	759	17.3	15.5	-1.8	26	16.70
24-11-dec	00:54:00	759	17.3	15.5	-1.8	27	16.72
24-11-dec	00:55:00	759	17.2	15.5	-1.7	27	16.75
24-11-dec	00:56:00	759	17.1	15.5	-1.6	27	16.70
24-11-dec	00:57:00	759	17.1	15.5	-1.6	26	16.72
24-11-dec	00:58:00	759	17.0	15.4	-1.6	26	16.70
24-11-dec	00:59:00	759	17.0	15.4	-1.6	26	16.70
24-11-dec	01:00:00	759	16.8	15.4	-1.4	26	16.72
24-11-dec	01:01:00	759	16.7	15.4	-1.3	26	16.72
24-11-dec	01:02:00	759	16.8	15.3	-1.5	26	16.72
24-11-dec	01:03:00	759	16.8	15.4	-1.4	26	16.72
24-11-dec	01:04:00	759	16.8	15.4	-1.4	25	16.70

24-11-dec	01:05:00	759	16.9	15.4	-1.5	26	16.72
24-11-dec	01:06:00	759	17.0	15.4	-1.6	25	16.65
24-11-dec	01:07:00	759	17.2	15.4	-1.8	26	16.70
24-11-dec	01:08:00	759	17.1	15.4	-1.7	26	16.70
24-11-dec	01:09:00	759	17.2	15.4	-1.8	26	16.70
24-11-dec	01:10:00	759	17.2	15.4	-1.8	26	16.75
24-11-dec	01:11:00	759	17.3	15.3	-2.0	26	16.70
24-11-dec	01:12:00	759	17.3	15.4	-1.9	26	16.65
24-11-dec	01:13:00	759	17.3	15.3	-2.0	26	16.70
24-11-dec	01:14:00	759	17.2	15.4	-1.8	26	16.72
24-11-dec	01:15:00	759	17.1	15.4	-1.7	26	16.70
24-11-dec	01:16:00	759	17.2	15.4	-1.8	26	16.72
24-11-dec	01:17:00	759	17.2	15.4	-1.8	26	16.67
24-11-dec	01:18:00	759	17.1	15.4	-1.7	26	16.70
24-11-dec	01:19:00	759	17.1	15.4	-1.7	26	16.70
24-11-dec	01:20:00	759	17.2	15.4	-1.8	26	16.70
24-11-dec	01:21:00	759	17.2	15.3	-1.9	26	16.70
24-11-dec	01:22:00	759	17.1	15.4	-1.7	26	16.70
24-11-dec	01:23:00	759	17.0	15.3	-1.7	26	16.70
24-11-dec	01:24:00	759	17.1	15.3	-1.8	26	16.72
24-11-dec	01:25:00	759	17.1	15.4	-1.7	26	16.75
24-11-dec	01:26:00	759	17.2	15.3	-1.9	26	16.72
24-11-dec	01:27:00	759	17.2	15.4	-1.8	26	16.72
24-11-dec	01:28:00	759	17.3	15.4	-1.9	26	16.72
24-11-dec	01:29:00	759	17.2	15.3	-1.9	26	16.70
24-11-dec	01:30:00	759	17.1	15.3	-1.8	26	16.72
24-11-dec	01:31:00	759	17.1	15.3	-1.8	26	16.72
24-11-dec	01:32:00	759	17.1	15.4	-1.7	26	16.72
24-11-dec	01:33:00	759	17.1	15.4	-1.7	26	16.72
24-11-dec	01:34:00	759	17.0	15.4	-1.6	26	16.72
24-11-dec	01:35:00	759	17.0	15.3	-1.7	26	16.67
24-11-dec	01:36:00	759	17.0	15.3	-1.7	26	16.67
24-11-dec	01:37:00	759	17.0	15.3	-1.7	26	16.72
24-11-dec	01:38:00	759	16.9	15.3	-1.6	26	16.72
24-11-dec	01:39:00	759	16.7	15.3	-1.4	26	16.75
24-11-dec	01:40:00	759	16.6	15.3	-1.3	26	16.70
24-11-dec	01:41:00	759	16.5	15.3	-1.2	26	16.67
24-11-dec	01:42:00	759	16.6	15.3	-1.1	26	16.70
24-11-dec	01:43:00	759	16.6	15.3	-1.1	26	16.70
24-11-dec	01:44:00	759	16.6	15.2	-1.4	26	16.70
24-11-dec	01:45:00	759	16.6	15.2	-1.4	25	16.70
24-11-dec	01:46:00	759	16.5	15.2	-1.3	25	16.70
24-11-dec	01:47:00	759	16.5	15.2	-1.3	26	16.70
24-11-dec	01:48:00	759	16.6	15.2	-1.4	26	16.70
24-11-dec	01:49:00	759	16.6	15.2	-1.4	26	16.72
24-11-dec	01:50:00	759	16.6	15.2	-1.4	26	16.72
24-11-dec	01:51:00	759	16.6	15.2	-1.4	26	16.72
24-11-dec	01:52:00	759	16.5	15.2	-1.3	26	16.72
24-11-dec	01:53:00	759	16.6	15.2	-1.4	26	16.72
24-11-dec	01:54:00	759	16.5	15.2	-1.3	26	16.70
24-11-dec	01:55:00	759	16.5	15.2	-1.3	26	16.70
24-11-dec	01:56:00	759	16.5	15.1	-1.4	26	16.67
24-11-dec	01:57:00	759	16.5	15.2	-1.3	26	16.70
24-11-dec	01:58:00	759	16.4	15.1	-1.3	26	16.72
24-11-dec	01:59:00	759	16.5	15.1	-1.4	26	16.72
24-11-dec	02:00:00	759	16.5	15.1	-1.4	26	16.72

24-11-dec	02:01:00	759	16.5	15.1	-1.4	26	16.76
24-11-dec	02:02:00	759	16.4	15.1	-1.3	25	16.70
24-11-dec	02:03:00	759	16.5	15.0	-1.5	25	16.72
24-11-dec	02:04:00	759	16.5	15.1	-1.4	26	16.70
24-11-dec	02:05:00	759	16.5	15.1	-1.4	26	16.70
24-11-dec	02:06:00	759	16.6	15.1	-1.5	26	16.72
24-11-dec	02:07:00	759	16.5	15.0	-1.5	26	16.70
24-11-dec	02:08:00	759	16.4	15.0	-1.4	26	16.70
24-11-dec	02:09:00	759	16.5	15.0	-1.5	25	16.70
24-11-dec	02:10:00	759	16.5	15.0	-1.5	26	16.72
24-11-dec	02:11:00	759	16.5	15.0	-1.5	26	16.75
24-11-dec	02:12:00	759	16.4	15.1	-1.3	26	16.72
24-11-dec	02:13:00	759	16.4	15.0	-1.4	26	16.70
24-11-dec	02:14:00	759	16.4	15.0	-1.4	26	16.72
24-11-dec	02:15:00	759	16.5	14.9	-1.6	26	16.72
24-11-dec	02:16:00	759	16.4	14.9	-1.5	26	16.75
24-11-dec	02:17:00	759	16.4	15.0	-1.4	26	16.70
24-11-dec	02:18:00	759	16.4	14.9	-1.5	25	16.67
24-11-dec	02:19:00	759	16.4	15.0	-1.4	26	16.67
24-11-dec	02:20:00	759	16.5	15.0	-1.5	26	16.70
24-11-dec	02:21:00	759	16.6	14.9	-1.6	25	16.67
24-11-dec	02:22:00	759	16.6	15.0	-1.6	26	16.72
24-11-dec	02:23:00	759	16.6	14.9	-1.6	26	16.70
24-11-dec	02:24:00	759	16.5	15.0	-1.5	26	16.75
24-11-dec	02:25:00	759	16.4	14.9	-1.5	26	16.70
24-11-dec	02:26:00	759	16.3	14.9	-1.4	26	16.70
24-11-dec	02:27:00	759	16.3	15.0	-1.3	25	16.65
24-11-dec	02:28:00	759	16.2	14.9	-1.3	25	16.70
24-11-dec	02:29:00	759	16.2	14.9	-1.3	26	16.75
24-11-dec	02:30:00	759	16.2	14.9	-1.3	26	16.72
24-11-dec	02:31:00	759	16.3	14.9	-1.4	26	16.70
24-11-dec	02:32:00	759	16.3	14.9	-1.4	26	16.70
24-11-dec	02:33:00	759	16.3	14.9	-1.4	26	16.70
24-11-dec	02:34:00	759	16.4	14.9	-1.5	25	16.70
24-11-dec	02:35:00	759	16.3	14.8	-1.5	26	16.72
24-11-dec	02:36:00	759	16.2	14.8	-1.4	26	16.67
24-11-dec	02:37:00	759	16.1	14.8	-1.3	26	16.70
24-11-dec	02:38:00	759	16.1	14.8	-1.3	26	16.72
24-11-dec	02:39:00	759	16.1	14.8	-1.3	26	16.72
24-11-dec	02:40:00	759	16.0	14.8	-1.2	26	16.75
24-11-dec	02:41:00	759	16.0	14.8	-1.2	26	16.75
24-11-dec	02:42:00	759	16.0	14.8	-1.2	26	16.70
24-11-dec	02:43:00	759	16.0	14.8	-1.2	26	16.65
24-11-dec	02:44:00	759	16.3	14.8	-1.5	26	16.70
24-11-dec	02:45:00	759	16.2	14.8	-1.4	26	16.70
24-11-dec	02:46:00	759	16.2	14.7	-1.5	26	16.72
24-11-dec	02:47:00	759	16.2	14.7	-1.5	26	16.72
24-11-dec	02:48:00	759	16.3	14.7	-1.6	26	16.72
24-11-dec	02:49:00	759	16.3	14.7	-1.6	26	16.70
24-11-dec	02:50:00	759	16.2	14.7	-1.5	26	16.70
24-11-dec	02:51:00	759	16.2	14.7	-1.5	26	16.70
24-11-dec	02:52:00	759	16.1	14.7	-1.4	26	16.70
24-11-dec	02:53:00	759	16.1	14.7	-1.4	26	16.72
24-11-dec	02:54:00	759	16.1	14.7	-1.4	26	16.72
24-11-dec	02:55:00	759	16.1	14.7	-1.4	26	16.67
24-11-dec	02:56:00	759	16.0	14.7	-1.3	26	16.67

24-11-dec	07:37:00	760	18.1	16.0	-2.1	27	16.72
24-11-dec	07:38:00	760	18.1	16.1	-2.0	28	16.72
24-11-dec	07:39:00	760	18.2	16.0	-2.2	28	16.70
24-11-dec	07:40:00	760	18.2	16.1	-2.1	28	16.70
24-11-dec	07:41:00	760	18.2	16.1	-2.1	28	16.72
24-11-dec	07:42:00	760	18.3	16.1	-2.2	28	16.70
24-11-dec	07:43:00	760	18.3	16.1	-2.2	27	16.70
24-11-dec	07:44:00	760	18.3	16.1	-2.2	28	16.67
24-11-dec	07:45:00	760	18.3	16.1	-2.2	28	16.70
24-11-dec	07:46:00	760	18.4	16.1	-2.3	28	16.72
24-11-dec	07:47:00	760	18.3	16.2	-2.1	28	16.75
24-11-dec	07:48:00	760	18.3	16.1	-2.2	26	16.70
24-11-dec	07:49:00	760	18.4	16.2	-2.2	27	16.72
24-11-dec	07:50:00	760	18.5	16.2	-2.3	28	16.67
24-11-dec	07:51:00	760	18.5	16.3	-2.2	28	16.67
24-11-dec	07:52:00	760	18.6	16.3	-2.3	28	16.70
24-11-dec	07:53:00	760	18.6	16.3	-2.3	28	16.72
24-11-dec	07:54:00	760	18.6	16.3	-2.3	28	16.72
24-11-dec	07:55:00	760	18.7	16.4	-2.3	28	16.72
24-11-dec	07:56:00	760	18.8	16.5	-2.3	28	16.72
24-11-dec	07:57:00	760	18.8	16.4	-2.4	28	16.72
24-11-dec	07:58:00	760	18.8	16.4	-2.4	27	16.67
24-11-dec	07:59:00	760	18.8	16.4	-2.4	28	16.70
24-11-dec	08:00:00	760	18.8	16.5	-2.3	28	16.72
24-11-dec	08:01:00	760	19.0	16.5	-2.5	27	16.70
24-11-dec	08:02:00	760	19.0	16.6	-2.4	28	16.70
24-11-dec	08:03:00	760	18.9	16.5	-2.4	28	16.70
24-11-dec	08:04:00	760	19.2	16.6	-2.6	27	16.72
24-11-dec	08:05:00	760	19.1	16.6	-2.5	27	16.67
24-11-dec	08:06:00	760	19.1	16.6	-2.5	28	16.72
24-11-dec	08:07:00	760	19.1	16.7	-2.4	27	16.70
24-11-dec	08:08:00	760	19.2	16.7	-2.5	28	16.75
24-11-dec	08:09:00	760	19.1	16.7	-2.4	27	16.72
24-11-dec	08:10:00	760	19.2	16.8	-2.4	27	16.72
24-11-dec	08:11:00	760	19.2	16.8	-2.4	27	16.72
24-11-dec	08:12:00	760	19.3	16.8	-2.5	28	16.72
24-11-dec	08:13:00	760	19.3	16.8	-2.5	27	16.72
24-11-dec	08:14:00	760	19.4	16.9	-2.5	27	16.77
24-11-dec	08:15:00	760	19.4	16.9	-2.5	27	16.77
24-11-dec	08:16:00	760	19.4	16.9	-2.5	27	16.70
24-11-dec	08:17:00	760	19.6	16.9	-2.7	26	16.72
24-11-dec	08:18:00	760	19.4	17.0	-2.4	27	16.75
24-11-dec	08:19:00	760	19.5	17.0	-2.5	27	16.70
24-11-dec	08:20:00	760	19.5	17.0	-2.5	26	16.72
24-11-dec	08:21:00	760	19.5	17.0	-2.5	26	16.70
24-11-dec	08:22:00	760	19.6	17.1	-2.5	27	16.72
24-11-dec	08:23:00	760	19.7	17.1	-2.6	26	16.67
24-11-dec	08:24:00	760	19.8	17.1	-2.7	27	16.70
24-11-dec	08:25:00	760	19.7	17.1	-2.6	26	16.72
24-11-dec	08:26:00	760	19.8	17.1	-2.7	27	16.72
24-11-dec	08:27:00	760	19.8	17.2	-2.6	26	16.75
24-11-dec	08:28:00	760	20.1	17.3	-2.8	27	16.72
24-11-dec	08:29:00	760	19.9	17.3	-2.6	26	16.70
24-11-dec	08:30:00	760	20.0	17.3	-2.7	26	16.67
24-11-dec	08:31:00	760	20.0	17.4	-2.6	26	16.70
24-11-dec	08:32:00	760	20.1	17.4	-2.7	27	16.72

24-11-dec	08:33:00	760	20.1	17.4	-2.7	26	16.70
24-11-dec	08:34:00	760	20.2	17.4	-2.8	26	16.70
24-11-dec	08:35:00	760	20.1	17.4	-2.7	27	16.72
24-11-dec	08:36:00	760	20.3	17.5	-2.8	26	16.70
24-11-dec	08:37:00	760	20.4	17.6	-2.8	27	16.82
24-11-dec	08:38:00	760	20.4	17.6	-2.8	26	16.72
24-11-dec	08:39:00	760	20.4	17.5	-2.9	26	16.70
24-11-dec	08:40:00	760	20.3	17.6	-2.7	27	16.70
24-11-dec	08:41:00	760	20.4	17.6	-2.8	26	16.80
24-11-dec	08:42:00	760	20.4	17.7	-2.7	26	16.72
24-11-dec	08:43:00	760	20.5	17.7	-2.8	27	16.72
24-11-dec	08:44:00	760	20.5	17.7	-2.8	26	16.70
24-11-dec	08:45:00	760	20.5	17.8	-2.7	26	16.70
24-11-dec	08:46:00	760	20.6	17.8	-2.8	26	16.70
24-11-dec	08:47:00	760	20.7	17.8	-2.9	26	16.67
24-11-dec	08:48:00	760	20.7	17.9	-2.8	26	16.72
24-11-dec	08:49:00	760	20.7	17.9	-2.8	26	16.70
24-11-dec	08:50:00	760	20.8	18.0	-2.8	26	16.72
24-11-dec	08:51:00	760	20.8	18.0	-2.8	26	16.70
24-11-dec	08:52:00	760	20.8	17.9	-2.9	26	16.70
24-11-dec	08:53:00	760	20.8	18.0	-2.8	26	16.70
24-11-dec	08:54:00	760	20.9	18.0	-2.9	26	16.72
24-11-dec	08:55:00	760	21.1	18.1	-3.0	26	16.70
24-11-dec	08:56:00	760	21.0	18.1	-2.9	26	16.75
24-11-dec	08:57:00	760	21.1	18.1	-3.0	26	16.70
24-11-dec	08:58:00	760	21.1	18.2	-2.9	25	16.70
24-11-dec	08:59:00	760	21.3	18.3	-3.0	26	16.67
24-11-dec	09:00:00	760	21.2	18.3	-2.9	26	16.72
24-11-dec	09:01:00	760	21.2	18.3	-2.9	26	16.72
24-11-dec	09:02:00	760	21.4	18.4	-3.0	26	16.72
24-11-dec	09:03:00	761	21.3	18.3	-3.0	26	16.72
24-11-dec	09:04:00	760	21.4	18.3	-3.1	26	16.70
24-11-dec	09:05:00	760	21.3	18.4	-2.9	26	16.70
24-11-dec	09:06:00	760	21.6	18.5	-3.1	26	16.72
24-11-dec	09:07:00	760	21.4	18.5	-2.9	26	16.70
24-11-dec	09:08:00	760	21.4	18.6	-2.8	26	16.72
24-11-dec	09:09:00	760	21.4	18.6	-2.8	26	16.72
24-11-dec	09:10:00	761	21.4	18.6	-2.8	26	16.75
24-11-dec	09:11:00	761	21.5	18.7	-2.8	26	16.72
24-11-dec	09:12:00	761	21.6	18.7	-2.9	26	16.72
24-11-dec	09:13:00	761	21.5	18.7	-2.8	26	16.72
24-11-dec	09:14:00	760	21.6	18.7	-2.9	26	16.67
24-11-dec	09:15:00	760	21.7	18.8	-2.9	26	16.72
24-11-dec	09:16:00	760	21.8	18.9	-2.9	26	16.72
24-11-dec	09:17:00	760	21.8	18.9	-2.9	26	16.70
24-11-dec	09:18:00	761	21.7	18.9	-2.8	26	16.70
24-11-dec	09:19:00	760	21.8	19.0	-2.8	26	16.72
24-11-dec	09:20:00	760	21.8	19.0	-2.8	26	16.72
24-11-dec	09:21:00	760	21.9	19.0	-2.9	26	16.67
24-11-dec	09:22:00	760	21.9	19.1	-2.8	26	16.72
24-11-dec	09:23:00	760	22.1	19.1	-3.0	26	16.70
24-11-dec	09:24:00	760	22.2	19.1	-3.1	26	16.75
24-11-dec	09:25:00	760	22.2	19.2	-3.0	26	16.67
24-11-dec	09:26:00	760	22.0	19.2	-2.8	26	16.77
24-11-dec	09:27:00	760	22.2	19.3	-2.9	26	16.72
24-11-dec	09:28:00	761	22.5	19.3	-3.2	26	16.72

24-11-dec	09:00:00	760	22.4	19.3	-3.1	26	16.75
24-11-dec	09:00:00	760	22.6	19.4	-3.2	26	16.72
24-11-dec	09:01:00	760	22.7	19.4	-3.3	26	16.70
24-11-dec	09:02:00	761	22.4	19.5	-2.9	26	16.70
24-11-dec	09:03:00	760	22.4	19.5	-2.9	26	16.72
24-11-dec	09:04:00	760	22.4	19.5	-2.9	26	16.72
24-11-dec	09:05:00	760	22.5	19.6	-2.9	26	16.72
24-11-dec	09:06:00	760	22.6	19.6	-3.0	26	16.70
24-11-dec	09:07:00	760	22.6	19.7	-2.9	26	16.70
24-11-dec	09:08:00	760	22.6	19.7	-2.9	26	16.72
24-11-dec	09:09:00	760	22.6	19.8	-2.8	26	16.70
24-11-dec	09:40:00	760	22.6	19.8	-2.8	26	16.72
24-11-dec	09:41:00	760	22.7	19.8	-2.9	26	16.72
24-11-dec	09:42:00	760	22.8	19.9	-2.9	25	16.72
24-11-dec	09:43:00	760	22.8	19.9	-2.9	26	16.72
24-11-dec	09:44:00	760	22.7	19.9	-2.8	26	16.72
24-11-dec	09:45:00	760	22.9	20.0	-2.9	26	16.70
24-11-dec	09:46:00	760	22.9	20.0	-2.9	26	16.70
24-11-dec	09:47:00	760	22.9	20.1	-2.8	26	16.75
24-11-dec	09:48:00	760	22.9	20.1	-2.8	26	16.72
24-11-dec	09:49:00	760	23.1	20.1	-3.0	26	16.70
24-11-dec	09:50:00	760	23.1	20.2	-2.9	26	16.72
24-11-dec	09:51:00	760	23.1	20.2	-2.9	26	16.72
24-11-dec	09:52:00	760	23.0	20.2	-2.8	26	16.67
24-11-dec	09:53:00	760	23.2	20.3	-2.9	26	16.70
24-11-dec	09:54:00	760	23.3	20.3	-3.0	26	16.67
24-11-dec	09:55:00	760	23.2	20.4	-2.8	26	16.70
24-11-dec	09:56:00	760	23.2	20.4	-2.8	26	16.70
24-11-dec	09:57:00	760	23.1	20.5	-2.6	26	16.70
24-11-dec	09:58:00	760	23.3	20.5	-2.8	26	16.67
24-11-dec	09:59:00	760	23.4	20.6	-2.8	26	16.72
24-11-dec	10:00:00	760	23.5	20.6	-2.9	26	16.73
24-11-dec	10:01:00	760	23.5	20.7	-2.8	26	16.67
24-11-dec	10:02:00	760	23.6	20.7	-2.9	26	16.75
24-11-dec	10:03:00	760	23.7	20.7	-3.0	26	16.72
24-11-dec	10:04:00	760	23.8	20.9	-2.9	26	16.75
24-11-dec	10:05:00	760	23.7	20.9	-2.8	26	16.70
24-11-dec	10:06:00	760	23.8	20.9	-2.9	26	16.70
24-11-dec	10:07:00	760	23.9	20.9	-3.0	26	16.72
24-11-dec	10:08:00	760	23.8	21.0	-2.8	26	16.70
24-11-dec	10:09:00	760	24.0	21.1	-2.9	26	16.70
24-11-dec	10:10:00	760	24.1	21.1	-3.0	26	16.72
24-11-dec	10:11:00	760	23.8	21.2	-2.9	26	16.72
24-11-dec	10:12:00	760	23.9	21.2	-2.7	26	16.70
24-11-dec	10:13:00	760	23.7	21.2	-2.5	26	16.70
24-11-dec	10:14:00	760	24.1	21.3	-2.8	26	16.70
24-11-dec	10:15:00	760	23.9	21.4	-2.5	26	16.70
24-11-dec	10:16:00	760	23.8	21.4	-2.4	26	16.70
24-11-dec	10:17:00	760	23.9	21.5	-2.4	26	16.73
24-11-dec	10:18:00	760	24.1	21.5	-2.6	26	16.72
24-11-dec	10:19:00	760	24.1	21.5	-2.5	26	16.70
24-11-dec	10:20:00	760	21.9	21.5	-2.4	26	16.67
24-11-dec	10:21:00	760	24.0	21.6	-2.4	26	16.72
24-11-dec	10:22:00	760	24.3	21.7	-2.6	26	16.72
24-11-dec	10:23:00	760	24.2	21.6	-2.6	26	16.70
24-11-dec	10:24:00	760	24.3	21.7	-2.5	26	16.70

24-11-dec	11:21:00	759	25.7	23.4	-2.3	26	16.72
24-11-dec	11:22:00	760	25.8	23.5	-2.3	26	16.70
24-11-dec	11:23:00	759	25.8	23.5	-2.3	26	16.72
24-11-dec	11:24:00	759	25.8	23.5	-2.3	26	16.72
24-11-dec	11:25:00	759	26.0	23.6	-2.4	27	16.70
24-11-dec	11:26:00	760	26.0	23.6	-2.4	26	16.70
24-11-dec	11:27:00	759	26.0	23.7	-2.3	26	16.70
24-11-dec	11:28:00	759	25.9	23.8	-2.1	27	16.67
24-11-dec	11:29:00	759	26.0	23.9	-2.1	27	16.70
24-11-dec	11:30:00	759	25.9	23.8	-2.1	26	16.72
24-11-dec	11:31:00	759	26.3	23.9	-2.4	26	16.75
24-11-dec	11:32:00	759	26.5	23.9	-2.6	27	16.70
24-11-dec	11:33:00	759	26.4	24.0	-2.4	27	16.75
24-11-dec	11:34:00	759	26.5	24.0	-2.5	26	16.70
24-11-dec	11:35:00	759	26.5	24.1	-2.4	26	16.70
24-11-dec	11:36:00	759	26.6	24.2	-2.4	27	16.72
24-11-dec	11:37:00	759	26.7	24.2	-2.5	26	16.67
24-11-dec	11:38:00	759	26.6	24.2	-2.4	26	16.72
24-11-dec	11:39:00	759	26.6	24.3	-2.3	26	16.70
24-11-dec	11:40:00	759	26.7	24.4	-2.3	27	16.72
24-11-dec	11:41:00	759	26.8	24.4	-2.4	26	16.70
24-11-dec	11:42:00	759	26.7	24.5	-2.2	27	16.67
24-11-dec	11:43:00	759	26.7	24.6	-2.1	27	16.72
24-11-dec	11:44:00	759	26.7	24.7	-2.0	26	16.70
24-11-dec	11:45:00	759	26.6	24.9	-1.7	27	16.75
24-11-dec	11:46:00	759	27.0	24.9	-2.1	27	16.70
24-11-dec	11:47:00	759	26.9	25.0	-1.9	27	16.72
24-11-dec	11:48:00	759	26.6	25.0	-1.6	27	16.70
24-11-dec	11:49:00	759	26.6	25.1	-1.5	26	16.72
24-11-dec	11:50:00	759	26.6	25.2	-1.4	26	16.67
24-11-dec	11:51:00	759	26.6	25.3	-1.3	27	16.67
24-11-dec	11:52:00	759	26.6	25.4	-1.2	27	16.70
24-11-dec	11:53:00	759	26.6	25.5	-1.1	27	16.70
24-11-dec	11:54:00	759	26.9	25.6	-1.3	26	16.72
24-11-dec	11:55:00	759	26.9	25.6	-1.3	27	16.72
24-11-dec	11:56:00	759	26.6	25.7	-0.9	27	16.72
24-11-dec	11:57:00	759	26.7	25.8	-0.9	27	16.77
24-11-dec	11:58:00	759	27.0	25.8	-1.2	27	16.72
24-11-dec	11:59:00	759	27.2	25.9	-1.3	27	16.72
24-11-dec	12:00:00	759	27.0	26.0	-1.0	27	16.75
24-11-dec	12:01:00	759	27.5	26.1	-1.4	27	16.70
24-11-dec	12:02:00	759	27.5	26.1	-1.4	26	16.70
24-11-dec	12:03:00	759	27.4	26.2	-1.2	27	16.72
24-11-dec	12:04:00	759	27.5	26.2	-1.3	26	16.75
24-11-dec	12:05:00	759	27.5	26.3	-1.2	27	16.70
24-11-dec	12:06:00	759	27.5	26.4	-1.1	27	16.67
24-11-dec	12:07:00	758	27.6	26.5	-1.1	26	16.72
24-11-dec	12:08:00	759	27.6	26.5	-1.1	26	16.70
24-11-dec	12:09:00	759	27.4	26.5	-0.9	27	16.72
24-11-dec	12:10:00	759	27.4	26.6	-0.8	27	16.70
24-11-dec	12:11:00	759	27.7	26.7	-1.0	27	16.67
24-11-dec	12:12:00	759	27.4	26.7	-0.7	26	16.70
24-11-dec	12:13:00	759	27.4	26.8	-0.6	27	16.75
24-11-dec	12:14:00	758	27.8	26.8	-1.0	27	16.70
24-11-dec	12:15:00	758	27.6	26.8	-0.8	27	16.67
24-11-dec	12:16:00	759	27.6	26.9	-0.7	27	16.67

24-11-dec	12:17:00	758	28.0	26.9	-1.1	27	16.70
24-11-dec	12:18:00	759	27.9	27.0	-0.9	27	16.75
24-11-dec	12:19:00	758	27.9	27.0	-0.9	27	16.70
24-11-dec	12:20:00	759	27.7	27.1	-0.6	27	16.70
24-11-dec	12:21:00	758	27.7	27.2	-0.5	27	16.72
24-11-dec	12:22:00	758	27.5	27.3	-0.2	27	16.72
24-11-dec	12:23:00	758	27.5	27.3	-0.2	27	16.75
24-11-dec	12:24:00	758	27.7	27.3	-0.4	27	16.70
24-11-dec	12:25:00	758	27.6	27.3	-0.3	27	16.70
24-11-dec	12:26:00	758	27.8	27.3	-0.5	28	16.67
24-11-dec	12:27:00	758	28.0	27.4	-0.6	27	16.72
24-11-dec	12:28:00	758	27.7	27.4	-0.3	27	16.70
24-11-dec	12:29:00	758	27.8	27.4	-0.4	27	16.70
24-11-dec	12:30:00	758	27.6	27.3	-0.3	27	16.72
24-11-dec	12:31:00	758	27.5	27.4	-0.1	27	16.70
24-11-dec	12:32:00	758	27.6	27.5	-0.1	27	16.70
24-11-dec	12:33:00	758	27.6	27.3	-0.3	28	16.72
24-11-dec	12:34:00	758	27.7	27.4	-0.3	28	16.72
24-11-dec	12:35:00	758	27.9	27.5	-0.4	27	16.72
24-11-dec	12:36:00	758	27.8	27.4	-0.4	27	16.70
24-11-dec	12:37:00	758	27.7	27.4	-0.3	27	16.70
24-11-dec	12:38:00	758	27.8	27.5	-0.3	27	16.72
24-11-dec	12:39:00	758	27.7	27.4	-0.3	27	16.70
24-11-dec	12:40:00	758	27.5	27.4	-0.1	27	16.72
24-11-dec	12:41:00	758	27.4	27.3	-0.1	27	16.72
24-11-dec	12:42:00	758	27.6	27.3	-0.3	27	16.72
24-11-dec	12:43:00	758	27.7	27.2	-0.5	27	16.67
24-11-dec	12:44:00	758	27.8	27.2	-0.6	27	16.72
24-11-dec	12:45:00	758	27.5	27.2	-0.3	27	16.72
24-11-dec	12:46:00	758	27.6	27.2	-0.4	27	16.77
24-11-dec	12:47:00	758	27.6	27.2	-0.4	27	16.77
24-11-dec	12:48:00	758	27.8	27.2	-0.6	27	16.70
24-11-dec	12:49:00	758	27.8	27.1	-0.7	27	16.72
24-11-dec	12:50:00	758	27.9	27.2	-0.7	27	16.70
24-11-dec	12:51:00	758	28.1	27.1	-1.0	27	16.72
24-11-dec	12:52:00	758	27.9	27.1	-0.8	27	16.70
24-11-dec	12:53:00	758	27.9	27.1	-0.8	27	16.70
24-11-dec	12:54:00	758	28.0	27.1	-0.9	28	16.75
24-11-dec	12:55:00	758	28.1	27.0	-1.1	27	16.72
24-11-dec	12:56:00	758	28.0	27.0	-1.0	27	16.72
24-11-dec	12:57:00	758	28.1	27.1	-1.0	27	16.70
24-11-dec	12:58:00	758	28.1	27.0	-1.1	27	16.67
24-11-dec	12:59:00	758	28.1	27.1	-1.0	27	16.70
24-11-dec	13:00:00	758	28.1	27.1	-1.0	27	16.75

劉文華

空氣品質檢測報告
環境部國環檢證字第036號

檢驗室名稱	華光工程顧問股份有限公司環工部環境檢驗室
檢驗室地址	高雄市前鎮區新衙路288-8號1樓
聯絡人	林俊利
客戶名稱	建利環保顧問股份有限公司
計畫名稱	陸軍砲兵訓練指揮部關廟湯山營區第三條聯外道路、場區連絡道A段擴、整建工程環境監測工作
計畫編號	06506
業別	檢測業
樣品特性	空氣
檢測目的	環境監測

聯絡電話：(07)811-1798 轉7313
傳真：(07)811-1827
報告編號：06506-A65-05
樣品編號：A1131267-05
採樣單位：建利環保顧問股份有限公司
(許可證字號：環境部國環檢證字第055號)
採樣方法：NIEA A205.11C
收樣日期：113年12月14日
報告日期：113年12月20日

[illegible]

備註： 1.本報告已由核可報告簽署人審核無誤，並簽署於內部報告文件，簽署人如下：

空氣採樣類：陳美芳(FJA-03)

2.低於方法偵測極限之測定值以"ND"表示，並於備註欄註明其方法偵測極限(MDL)。

3. 本案由本檢驗室提供濾紙，經採樣單位依採樣方法NIEA A205.11C採樣後委由本檢驗室進行分析，

樣品基本資料均為採樣單位提供，採樣總體積為 24.031 m³

4. 本報告僅對該樣品負責，並不得隨意複製及作為宣傳廣告之用。

5.本報告共 1 頁，分離使用無效。

6.採樣行程代碼：GDAB24120020

聲明書：(一)茲保證本報告內容完全依照行政院環保署及有關機關之標準方法及品保品管等相關規定，秉持公正、誠實進行採樣、檢驗及分析，絕無不實，如有違反，就政府機關所受損失願負連帶賠償之責任外，並接受主管機關依法令所為之行政處分及刑事處罰。

(二)吾人瞭解如自身受政府機關委任從事公務，亦屬於刑法上之公務員，並瞭解刑法上圖利罪，公務員登載不實傳單之罪及貪污治罪條例之相關規定，

如有違反，亦為刑罰及貪污治罪條例之適用對象，願受最嚴厲之法律制裁。

公司名稱：華光工程顧問股份有限公司

負責人(簽章):

檢驗室主管/報告簽署人(簽名蓋章)

環亞國際
刊及頁汚治單
理
有限公司
林俊利
(蓋章):

檢驗室主管
沈依潔



附 件 資 料

空氣中懸浮微粒(PM_{2.5})分析紀錄表-1 頁

細懸浮微粒(PM_{2.5})濾紙稱重紀錄表-1 頁

PM_{2.5} 樣品監控表-1 頁

空氣中懸浮微粒(PM_{2.5})分析紀錄表

計畫名稱	陸軍砲兵訓練指揮部關廟湯山營區第三條聯外道路、場區連絡道A段擴、 整建工程環境監測工作		
計畫編號	06506	測點編號	O21165-01
採樣地點	新光國小		
開始時間	113 年 12 月 12 日 10 時 00 分		
結束時間	113 年 12 月 13 日 10 時 00 分		
現場空白濾紙編號	W35044697	運送空白濾紙編號	W35044696
採樣濾紙編號	W35044695	實驗空白濾紙編號	W35044691
採樣前濾紙稱值時間	113 年 12 月 2 ~ 3 日		
採樣前濾紙稱值(W _i)	163974.0 μg		
採樣後濾紙稱值時間	113 年 12 月 17 ~ 19 日		
採樣後濾紙稱值(W _f)	164350.5 μg		
微粒捕集重(W _f -W _i)	376.5 μg		
採樣總體積(V _a)	24.031 m ³		
PM _{2.5} 質量濃度	15.667 μg/m ³		
備註 1：PM _{2.5} 質量濃度計算式如下：PM _{2.5} = (W _f - W _i) / V _a			
審核者	林美芳 113.12.19	驗算人員	郭金山 12/19
填表人	蔡坤強 12/19		

細懸浮微粒(PM_{2.5})濾紙稱重紀錄表

濾紙編號	採樣前濾紙樣品恆重 W _i (mg)				採樣後濾紙樣品恆重 W _f (mg)								前後重量差(μg)					
	初稱(1) 日期時間	初稱(1) (mg)	初稱(2) 日期時間	初稱(2) (mg)	初稱(3) 日期時間	初稱(3) (mg)	重量差 (≤5 μg)	平均 (mg)	終稱(1) 日期時間	終稱(1) (mg)	終稱(2) 日期時間	終稱(2) (mg)		終稱(3) 日期時間	終稱(3) (mg)	重量差 (≤15 μg)	平均 (mg)	
100mg(C)	2024/12/22 14:19	100.003	2024/12/23 14:16	100.004			1	100.0035	2024/12/17 9:48	100.004	2024/12/19 10:14	100.004				0	100.0040	0.5
200mg(C)	2024/12/22 14:19	200.010	2024/12/23 14:16	200.011			1	200.0105	2024/12/17 9:49	200.010	2024/12/19 10:15	200.010				0	200.0100	-0.5
W35044691(LBK)	2024/12/22 14:20	159.615	2024/12/23 14:17	159.613			-2	159.6140	2024/12/17 9:50	159.612	2024/12/19 10:16	159.619				7	159.6155	1.5
W35044692	2024/12/22 14:21	161.214	2024/12/23 14:18	161.215			1	161.2145	2024/12/17 9:50	161.500	2024/12/19 10:17	161.508				8	161.5040	289.5
W35044692R	2024/12/22 14:21	161.213	2024/12/23 14:18	161.213			0	161.2130	2024/12/17 9:51	161.496	2024/12/19 10:17	161.506				10	161.5010	288.0
W35044693(TBK)	2024/12/22 14:22	160.704	2024/12/23 14:19	160.702			-2	160.7030	2024/12/17 9:52	160.704	2024/12/19 10:18	160.704				0	160.7040	1.0
W35044694(FBK)	2024/12/22 14:23	160.374	2024/12/23 14:19	160.369			-5	160.3715	2024/12/17 9:53	160.367	2024/12/19 10:18	160.369				2	160.3680	-3.5
W35044695	2024/12/22 14:24	163.976	2024/12/23 14:20	163.972			-4	163.9740	2024/12/17 9:53	164.357	2024/12/19 10:20	164.344				-13	164.3505	376.5
W35044695R	2024/12/22 14:24	163.978	2024/12/23 14:21	163.978			0	163.9780	2024/12/17 9:54	164.356	2024/12/19 10:20	164.347				-9	164.3515	373.5
W35044696(TBK)	2024/12/22 14:26	162.803	2024/12/23 14:22	162.807			4	162.8050	2024/12/17 9:55	162.804	2024/12/19 10:21	162.808				4	162.8060	1.0
W35044697(FBK)	2024/12/22 14:26	161.686	2024/12/23 14:22	161.688			2	161.6870	2024/12/17 9:55	161.688	2024/12/19 10:22	161.682				-6	161.6850	-2.0
W35044698	2024/12/22 14:27	161.220	2024/12/23 14:23	161.217			-3	161.2185	2024/12/17 9:56	162.418	2024/12/19 10:23	162.407				-11	162.4125	1194.0
W35044698R	2024/12/22 14:30	161.219	2024/12/23 14:24	161.216			-3	161.2175	2024/12/17 9:56	162.415	2024/12/19 10:23	162.408				-7	162.4115	1194.0
W35044699(TBK)	2024/12/22 14:31	161.018	2024/12/23 14:24	161.022			4	161.0200	2024/12/17 9:57	161.018	2024/12/19 10:24	161.022				4	161.0200	0.0
W35044700(FBK)	2024/12/22 14:35	160.470	2024/12/23 14:25	160.465			-5	160.4675	2024/12/17 9:58	160.457	2024/12/19 10:38	160.458				1	160.4575	-10.0
100mg(C)	2024/12/22 14:35	100.004	2024/12/23 14:25	100.004			0	100.0040	2024/12/17 9:59	100.004	2024/12/19 10:39	100.004				0	100.0040	0.0
200mg(C)	2024/12/22 14:36	200.010	2024/12/23 14:26	200.011			1	200.0105	2024/12/17 9:59	200.010	2024/12/19 10:40	200.010				0	200.0100	-0.5
註：確證淨重(與標準差) ☒ 符合 ☐ 不符合																	備註：	
現場空白 ≤ 30 μg (與初稱差) ☒ 符合 ☐ 不符合																	實驗室空白 ≤ 15 μg (與初稱差) ☒ 符合 ☐ 不符合	
溫度環境24hr內小時平均變化在±2℃ ☒ 符合 ☐ 不符合																	溫度環境24hr內小時平均變化在±5% ☒ 符合 ☐ 不符合	
溫度範圍20-23℃ ☒ 符合 ☐ 不符合																	濕度範圍30-40% ☒ 符合 ☐ 不符合	
審核者	陳美芳 113.12.19								填表人								黎沛強 12/19	

PM_{2.5}樣品監控表

計畫編號	06506	採 負 責 人	建利	採樣日期	113.12.12-13
測點編號	樣 品 監 控				
	濾紙編號	執行時間	濾紙回收時間	樣品編號	
021165-01	W35044695	12/12 1000 - 12/13 1000	12/13 1028	A1131267-04	
021165-78K	W35044696	12/14 0815	12/13 1030	↓ -04 (T) (R)	
021165-FBK	W35044697	12/12 0952	12/12 0952	↓ -04 (F)	

樣 品 運 送	
運送方式	☐ 低溫快遞 ☐ 自行送回
運送人員 / 時間	建利 葉文章 12月13日 13時50分

樣 品 登 錄 查 核
1.密封 : ☒ 是 ☐ 否; 若否、濾紙編號:
2.標示 : ☒ 是 ☐ 否; 若否、濾紙編號:
3.容器破損: ☐ 是 ☒ 否; 若是、濾紙編號:
4.保存溫度: ☒ (4~25℃) 16℃ ☐ (4℃以下) _____℃
5.樣品轉包: ☐ 是 ☒ 否 公司名稱:
6.樣品接收時間(存放無塵室傳遞箱): 12月14日 09時45分
7.取出濾紙開始調理時間: 12月14日 19時00分 分析人員: 蔣中強 濾紙回收至開始調理時間小於24小時 ☒ 是 ☐ 否; 若否、濾紙編號:
8.其他異常狀況說明:
審核者: 葉文章 113.12.16 樣品管理員: 陳盈祐 12/14

空氣中懸浮微粒(PM_{2.5})現場採樣記錄

管制編號				周界編號				
一、基本資料	1. 公私場所名稱：新光國小					2. 採樣日期：113 年 12 月 12~13 日		
	3. 採樣人簽名：(郭)文華、陳明					4. 記錄人簽名：(郭)文華		
	5. 大氣壓力 Pa (mmHg)	採樣前	採樣後	平均值	6. 溫度 T (°C)	採樣前	採樣後	平均值
		759	761	760		22.7	21.6	22.2
二、現場採樣結果記錄	1. 現場編號	2. 樣品編號	3. 採樣器編號	4. 採樣時間資料 (以 0~23 時之記錄式表示)		5. 流率讀數 (L/min)	6. 採樣總體積 V(m³)	7. 24 小時最頻風向
				開始	結束	開始 Qs	結束 Qe	
	021165 AK	W35042097	1670	12/09:49	12/09:52			
	021165 01	W35042095	1670	12/10:00	12/10:00	14240	16.72	16.70 4.03
								*
三、採樣點位置標示	1. 採樣口離地高度：1.94 m							
	2. 監測相關位置圖描述(主要道路、疑似污染源之方位、距離、施工作業)							
	N ↑ X: 183663 Y: 2541326							
四、環境影響因子說明	備註：儀器訊號顯示 P=發生斷電狀態 Q=流量變異超過±5% F=戶外溫度跟濾紙溫度相差超過 5°C 且持續超過 30 分鐘 T=採樣時間少於 23 小時 50 分鐘 M=記憶體已滿 G=交直流電切換之瞬間凸波							
	環境因子敘述(如營建工程、火災、沙塵暴、異常天候)。							
五、實驗室分析結果記錄	1. 樣品編號	2. 濾紙編號	3. 採樣前濾紙樣品重量 Wi(μg)	4. 採樣後濾紙樣品重量 Wf(μg)	5. 重量差 Wf-Wi (μg)	6. PM _{2.5} 質量濃度 (μg/m³)		
						OK		
						PM _{2.5} 質量濃度計算式： PM _{2.5} = (Wf - Wi) / Va		
報告簽署人簽章：OK		驗算人員簽章：OK				頁次		

三、採樣分析記錄——採樣與分析過程之樣品核對記錄表

管制編號		排放管道或周界編號							
(一)樣品採樣日期：113年12月12日		(二)樣品接收人簽章：楊保樹							
(三)樣品接收日期/時間：113年12月13日13時35分		(四)樣品保管人簽章：劉文華							
(五) 採樣現場 樣品編號	(六) 樣品回 收時間	(七) 體積或 外觀	(八) 樣品形 式	(九) 樣品保存方式 或添加藥劑別	(十) 檢驗分 析項目	(十一) 採樣人 簽章	(十二) 實驗室 樣品編號	(十三) 分析之 日期	(十四) 分析人 簽章
021165-13173	10:20	白	圓	密封		劉文華	A171267-511	12-13	劉文華
W350424696		白	圓形		p142.5	劉文華			劉文華
021165-78113	10:52	白	圓形						
W350424696		灰	圓形	40-50					
021165-01173									
W350424695	10:28								
(以下空白)									

BGI PQ200 Air Sampling System Downloaded 2024 13 dec 10:36:57

Job Details:

Job Name: O21165.JOB
Version: 5.62
Serial No: 1670
Pump Time: 1985:31
Flags:

Job Code:

Site Name:
Station Code:
Operators:
User1:
User2:

	Max	Min	Avg	Units
BP	761	756	758	mmHg
TA	29	18.8	21.9	°C
Q	---	---	16.71	Lpm

Timer Information:

	Date	Time
	dd-mmm	hh:mm:ss
Start:	24-12-dec	10:00:00
Stop:	24-13-dec	10:00:05
ET:	24:00:00	

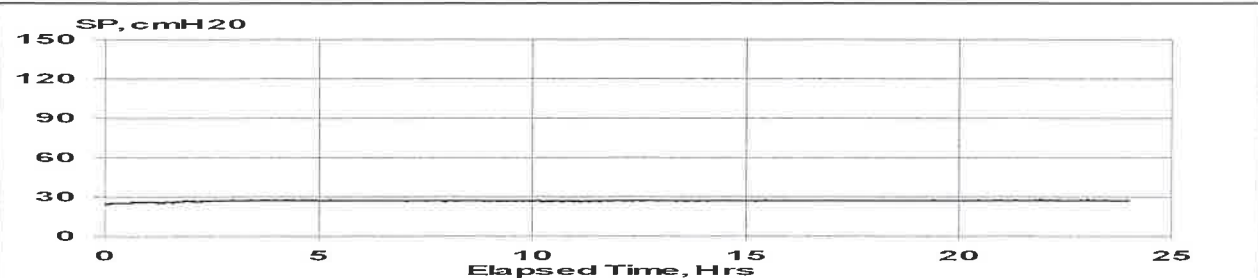
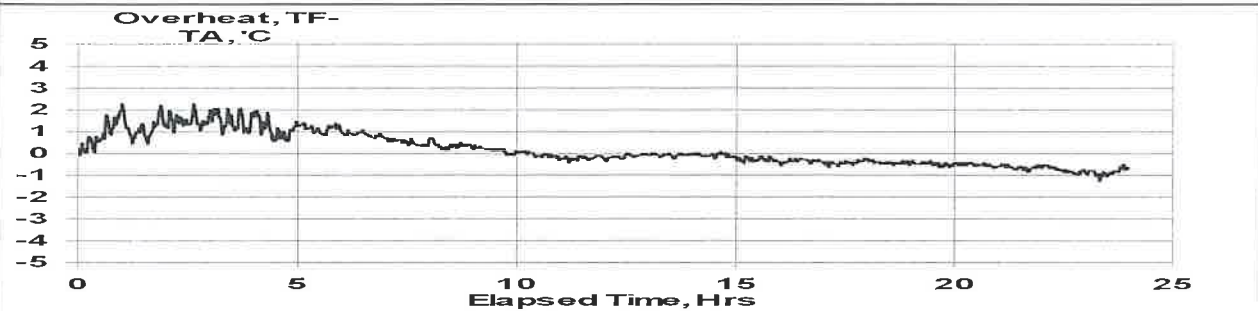
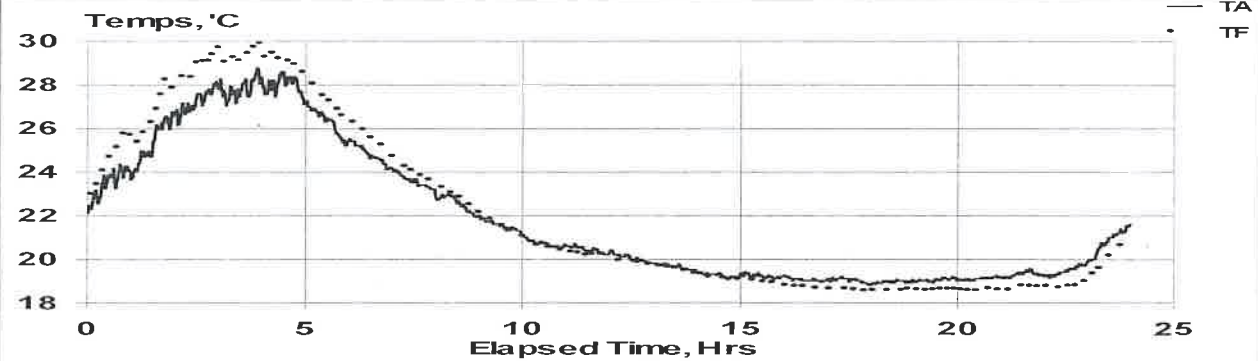
Mass Concentration Data:

Filter ID:	
Final Wt:	mg
Initial Wt:	mg
Delta Wt:	0.000 mg
Total Vol:	24.031 m ³
Mass Conc:	0 微/m3

QCV 1.53 %
Max overheat 2.5 °C
occured 12-dec 12:38:15

Notes 1:

Notes 2:

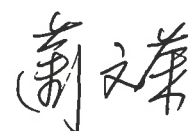


刘军

Hourly

Hourly Averaged Data

Date yy-dd-mmm	Start Hour hh:mm:ss	BP mmHg	AmbT °C	Filt T °C	Delta T °C	SP cmH2O	Flow aLpm
24-12-dec	10:01:00	760	23.5	24.3	0.8	25	16.72
24-12-dec	11:01:00	759	25.4	26.6	1.2	26	16.71
24-12-dec	12:01:00	758	27.2	28.7	1.5	27	16.71
24-12-dec	13:01:00	757	27.8	29.3	1.5	27	16.70
24-12-dec	14:01:00	757	28.0	29.1	1.1	27	16.70
24-12-dec	15:01:00	757	26.3	27.4	1.1	27	16.71
24-12-dec	16:01:00	757	24.8	25.6	0.8	27	16.72
24-12-dec	17:01:00	758	23.6	24.1	0.5	27	16.71
24-12-dec	18:01:00	758	22.5	22.9	0.3	27	16.71
24-12-dec	19:01:00	759	21.5	21.7	0.1	27	16.71
24-12-dec	20:01:00	759	20.7	20.6	-0.1	27	16.71
24-12-dec	21:01:00	759	20.4	20.2	-0.2	27	16.71
24-12-dec	22:01:00	759	20.0	19.9	-0.2	27	16.71
24-12-dec	23:01:00	759	19.6	19.5	-0.1	27	16.71
24-13-dec	00:01:00	759	19.2	19.1	-0.1	27	16.72
24-13-dec	01:01:00	759	19.2	18.9	-0.3	27	16.73
24-13-dec	02:01:00	759	19.1	18.7	-0.4	27	16.72
24-13-dec	03:01:00	758	19.0	18.6	-0.4	27	16.71
24-13-dec	04:01:00	759	19.0	18.5	-0.4	27	16.71
24-13-dec	05:01:00	759	19.0	18.5	-0.5	27	16.71
24-13-dec	06:01:00	760	19.1	18.6	-0.5	27	16.71
24-13-dec	07:01:00	760	19.3	18.6	-0.7	27	16.71
24-13-dec	08:01:00	761	19.5	18.7	-0.8	27	16.72
24-13-dec	09:01:00	761	20.8	20.0	-0.9	27	16.71



Logger Data

Date	Time	BP	AmbT	Filt T	Delta T	SP	Flow	Flags
yy-dd-mm	hh:mm:ss	mmHg	°C	°C	°C	cmH2O	alpm	PQFT
24-12-dec	10:01:00	760	22.1	22.3	0.2	24	16.70	
24-12-dec	10:02:00	760	22.4	22.3	-0.1	24	16.72	
24-12-dec	10:03:00	760	22.5	22.4	-0.1	25	16.75	
24-12-dec	10:04:00	760	22.4	22.6	0.2	24	16.70	
24-12-dec	10:05:00	760	22.3	22.6	0.3	24	16.67	
24-12-dec	10:06:00	760	22.3	22.8	0.5	25	16.72	
24-12-dec	10:07:00	760	22.6	22.8	0.2	25	16.72	
24-12-dec	10:08:00	760	22.7	22.9	0.2	25	16.72	
24-12-dec	10:09:00	760	23.0	23.0	0.0	24	16.70	
24-12-dec	10:10:00	760	22.9	23.0	0.1	25	16.70	
24-12-dec	10:11:00	760	23.1	23.1	0.0	25	16.72	
24-12-dec	10:12:00	760	23.2	23.2	0.0	25	16.72	
24-12-dec	10:13:00	760	22.9	23.1	0.2	25	16.72	
24-12-dec	10:14:00	760	22.6	23.3	0.7	25	16.72	
24-12-dec	10:15:00	760	22.5	23.3	0.8	25	16.72	
24-12-dec	10:16:00	760	22.6	23.3	0.7	25	16.72	
24-12-dec	10:17:00	760	22.9	23.4	0.5	25	16.70	
24-12-dec	10:18:00	760	22.8	23.5	0.7	25	16.75	
24-12-dec	10:19:00	760	23.0	23.5	0.5	25	16.67	
24-12-dec	10:20:00	760	23.4	23.6	0.2	25	16.70	
24-12-dec	10:21:00	760	23.5	23.7	0.2	25	16.72	
24-12-dec	10:22:00	760	23.6	23.7	0.1	25	16.72	
24-12-dec	10:23:00	760	23.9	23.9	0.0	25	16.70	
24-12-dec	10:24:00	760	23.4	23.9	0.5	25	16.72	
24-12-dec	10:25:00	759	23.2	24.0	0.8	25	16.75	
24-12-dec	10:26:00	759	23.4	24.1	0.7	25	16.75	
24-12-dec	10:27:00	760	23.5	24.1	0.6	25	16.70	
24-12-dec	10:28:00	759	23.7	24.2	0.5	25	16.72	
24-12-dec	10:29:00	759	23.9	24.4	0.5	25	16.75	
24-12-dec	10:30:00	760	23.8	24.4	0.6	25	16.70	
24-12-dec	10:31:00	759	23.7	24.4	0.7	25	16.72	
24-12-dec	10:32:00	760	23.9	24.5	0.6	25	16.70	
24-12-dec	10:33:00	759	23.9	24.6	0.7	25	16.72	
24-12-dec	10:34:00	759	23.9	24.6	0.8	25	16.70	
24-12-dec	10:35:00	760	23.7	24.7	1.0	25	16.67	
24-12-dec	10:36:00	759	24.2	24.9	0.6	25	16.75	
24-12-dec	10:37:00	759	23.8	24.9	1.1	26	16.75	
24-12-dec	10:38:00	760	23.4	25.0	1.6	26	16.70	
24-12-dec	10:39:00	759	23.2	25.0	1.8	26	16.72	
24-12-dec	10:40:00	760	23.5	25.1	1.6	26	16.75	
24-12-dec	10:41:00	759	23.6	25.1	1.5	25	16.70	
24-12-dec	10:42:00	759	23.7	25.0	1.3	26	16.72	
24-12-dec	10:43:00	760	24.1	25.0	0.9	25	16.70	
24-12-dec	10:44:00	759	24.0	25.1	1.1	26	16.72	
24-12-dec	10:45:00	759	24.4	25.2	0.8	26	16.77	
24-12-dec	10:46:00	759	24.2	25.3	1.1	25	16.72	
24-12-dec	10:47:00	759	24.1	25.3	1.2	26	16.75	
24-12-dec	10:48:00	759	24.2	25.3	1.1	26	16.72	
24-12-dec	10:49:00	759	23.7	25.4	1.7	26	16.70	
24-12-dec	10:50:00	759	23.6	25.4	1.6	26	16.75	
24-12-dec	10:51:00	759	24.2	25.5	1.3	26	16.70	
24-12-dec	10:52:00	759	24.3	25.6	1.3	26	16.67	

24-12-dec	10:53:00	759	24.2	25.7	1.5	26	16.70
24-12-dec	10:54:00	759	24.0	25.6	1.8	26	16.72
24-12-dec	10:55:00	759	24.3	25.9	1.6	25	16.70
24-12-dec	10:56:00	759	24.2	25.9	1.7	26	16.72
24-12-dec	10:57:00	759	24.0	26.0	2.0	26	16.70
24-12-dec	10:58:00	759	24.1	26.0	1.9	26	16.72
24-12-dec	10:59:00	759	24.0	26.0	2.0	26	16.72
24-12-dec	11:00:00	759	23.6	25.9	2.3	26	16.70
24-12-dec	11:01:00	759	23.9	25.9	2.0	26	16.72
24-12-dec	11:02:00	759	23.7	25.7	2.0	26	16.72
24-12-dec	11:03:00	759	23.9	25.5	1.6	26	16.72
24-12-dec	11:04:00	759	24.1	25.5	1.4	26	16.72
24-12-dec	11:05:00	759	24.0	25.3	1.3	26	16.70
24-12-dec	11:06:00	758	24.2	25.3	1.1	26	16.72
24-12-dec	11:07:00	759	24.1	25.3	1.2	26	16.72
24-12-dec	11:08:00	759	24.0	25.2	1.2	26	16.70
24-12-dec	11:09:00	759	24.2	25.3	1.1	26	16.70
24-12-dec	11:10:00	759	24.4	25.3	0.9	25	16.80
24-12-dec	11:11:00	759	24.4	25.3	0.9	25	16.77
24-12-dec	11:12:00	759	24.5	25.3	0.8	25	16.67
24-12-dec	11:13:00	759	24.7	25.4	0.7	26	16.72
24-12-dec	11:14:00	759	25.0	25.4	0.4	26	16.75
24-12-dec	11:15:00	759	24.9	25.5	0.6	25	16.72
24-12-dec	11:16:00	759	24.8	25.5	0.7	25	16.65
24-12-dec	11:17:00	759	25.0	25.7	0.7	26	16.72
24-12-dec	11:18:00	759	24.7	25.6	0.9	25	16.67
24-12-dec	11:19:00	759	24.7	25.7	1.0	26	16.70
24-12-dec	11:20:00	759	24.8	25.7	0.9	25	16.70
24-12-dec	11:21:00	759	24.9	25.9	1.0	25	16.70
24-12-dec	11:22:00	759	24.9	25.9	1.0	25	16.72
24-12-dec	11:23:00	759	24.7	25.9	1.2	26	16.70
24-12-dec	11:24:00	759	25.0	25.9	0.9	26	16.72
24-12-dec	11:25:00	758	24.8	25.9	1.1	26	16.72
24-12-dec	11:26:00	759	24.7	26.0	1.3	26	16.70
24-12-dec	11:27:00	759	24.7	26.0	1.3	26	16.67
24-12-dec	11:28:00	759	24.7	26.1	1.4	26	16.70
24-12-dec	11:29:00	758	24.9	26.1	1.2	26	16.70
24-12-dec	11:30:00	759	25.4	26.3	0.9	26	16.72
24-12-dec	11:31:00	758	25.4	26.2	0.8	26	16.75
24-12-dec	11:32:00	759	25.5	26.3	0.8	26	16.67
24-12-dec	11:33:00	759	25.8	26.4	0.6	26	16.72
24-12-dec	11:34:00	759	26.0	26.5	0.5	26	16.70
24-12-dec	11:35:00	759	26.2	26.6	0.4	25	16.70
24-12-dec	11:36:00	759	26.0	26.7	0.7	25	16.67
24-12-dec	11:37:00	759	25.9	26.7	0.8	26	16.70
24-12-dec	11:38:00	759	26.0	26.8	0.8	26	16.72
24-12-dec	11:39:00	759	26.0	26.9	0.9	26	16.70
24-12-dec	11:40:00	759	26.0	27.0	1.0	26	16.67
24-12-dec	11:41:00	759	26.2	27.2	1.0	26	16.72
24-12-dec	11:42:00	759	26.3	27.4	1.1	27	16.70
24-12-dec	11:43:00	759	25.9	27.4	1.5	26	16.70
24-12-dec	11:44:00	758	26.3	27.5	1.2	26	16.72
24-12-dec	11:45:00	758	26.4	27.6	1.2	26	16.75
24-12-dec	11:46:00	759	26.5	27.8	1.3	26	16.70
24-12-dec	11:47:00	759	26.5	27.8	1.3	26	16.72
24-12-dec	11:48:00	759	26.6	27.9	1.3	26	16.72

24-12-dec	11:00:00	758	26.5	28.0	1.5	26	16.72
24-12-dec	11:05:00	758	26.2	28.2	2.0	26	16.75
24-12-dec	11:51:00	758	26.5	28.2	1.7	27	16.75
24-12-dec	11:52:00	758	26.1	28.3	2.2	27	16.67
24-12-dec	11:53:00	758	25.9	28.1	2.2	26	16.70
24-12-dec	11:54:00	758	26.1	28.1	2.0	27	16.75
24-12-dec	11:55:00	759	26.5	28.1	1.5	27	16.70
24-12-dec	11:56:00	758	26.6	28.1	1.3	26	16.70
24-12-dec	11:57:00	758	26.5	28.0	1.5	27	16.72
24-12-dec	11:58:00	758	26.8	28.0	1.2	26	16.70
24-12-dec	11:59:00	758	26.6	28.0	1.4	27	16.67
24-12-dec	12:00:00	758	26.6	27.8	1.2	26	16.72
24-12-dec	12:01:00	758	26.7	27.9	1.2	27	16.77
24-12-dec	12:02:00	758	26.7	27.9	1.2	26	16.67
24-12-dec	12:03:00	758	26.9	28.0	1.1	26	16.77
24-12-dec	12:04:00	758	26.1	28.1	2.0	27	16.70
24-12-dec	12:05:00	758	26.2	28.1	1.9	27	16.70
24-12-dec	12:06:00	758	26.2	28.1	1.9	27	16.72
24-12-dec	12:07:00	759	26.5	28.1	1.6	26	16.70
24-12-dec	12:08:00	758	26.5	28.1	1.6	26	16.75
24-12-dec	12:09:00	758	26.8	28.1	1.3	26	16.67
24-12-dec	12:10:00	758	27.1	28.1	1.0	26	16.67
24-12-dec	12:11:00	758	27.2	28.1	0.9	26	16.72
24-12-dec	12:12:00	758	26.8	28.2	1.4	26	16.72
24-12-dec	12:13:00	758	26.9	28.3	1.4	26	16.67
24-12-dec	12:14:00	758	26.6	28.4	1.8	26	16.70
24-12-dec	12:15:00	758	26.7	28.4	1.7	27	16.75
24-12-dec	12:16:00	758	26.8	28.5	1.7	27	16.75
24-12-dec	12:17:00	758	27.0	28.5	1.5	26	16.72
24-12-dec	12:18:00	758	27.2	28.5	1.3	27	16.70
24-12-dec	12:19:00	758	26.9	28.4	1.5	27	16.72
24-12-dec	12:20:00	758	26.7	28.4	1.7	27	16.75
24-12-dec	12:21:00	758	27.0	28.3	1.3	27	16.70
24-12-dec	12:22:00	759	26.8	28.4	1.6	27	16.75
24-12-dec	12:23:00	758	26.9	28.4	1.5	27	16.70
24-12-dec	12:24:00	758	27.1	28.3	1.2	26	16.70
24-12-dec	12:25:00	757	26.8	28.3	1.5	27	16.72
24-12-dec	12:26:00	757	26.9	28.3	1.4	26	16.72
24-12-dec	12:27:00	758	27.0	28.5	1.5	27	16.75
24-12-dec	12:28:00	758	27.0	28.6	1.6	27	16.70
24-12-dec	12:29:00	759	27.3	28.6	1.3	27	16.75
24-12-dec	12:30:00	757	27.4	28.7	1.3	27	16.72
24-12-dec	12:31:00	758	27.6	28.9	1.3	27	16.70
24-12-dec	12:32:00	758	27.6	28.9	1.3	27	16.72
24-12-dec	12:33:00	757	27.6	28.9	1.3	27	16.75
24-12-dec	12:34:00	758	27.6	29.0	1.4	27	16.70
24-12-dec	12:35:00	757	27.6	29.1	1.5	27	16.70
24-12-dec	12:36:00	758	27.5	29.2	1.7	27	16.75
24-12-dec	12:37:00	759	27.2	29.3	2.1	27	16.72
24-12-dec	12:38:00	759	27.0	29.3	2.3	27	16.75
24-12-dec	12:39:00	758	27.2	29.3	2.0	27	16.67
24-12-dec	12:40:00	758	27.2	29.2	2.0	27	16.67
24-12-dec	12:41:00	758	27.4	29.1	1.7	27	16.70
24-12-dec	12:42:00	757	27.6	29.1	1.5	27	16.67
24-12-dec	12:43:00	756	27.7	29.0	1.3	27	16.72
24-12-dec	12:44:00	758	27.7	29.0	1.3	27	16.72

24-12-dec	13:41:00	757	27.5	25.5	2.0	27	16.72
24-12-dec	13:42:00	757	27.4	25.5	2.1	27	16.72
24-12-dec	13:43:00	757	27.5	29.4	1.9	27	16.70
24-12-dec	13:44:00	757	27.6	29.4	1.8	27	16.67
24-12-dec	13:45:00	757	27.8	29.3	1.5	27	16.70
24-12-dec	13:46:00	757	28.2	29.3	1.1	28	16.67
24-12-dec	13:47:00	757	28.3	29.2	0.9	27	16.77
24-12-dec	13:48:00	757	28.1	29.3	1.2	27	16.72
24-12-dec	13:49:00	757	28.2	29.4	1.2	28	16.67
24-12-dec	13:50:00	757	28.3	29.4	1.1	27	16.70
24-12-dec	13:51:00	757	28.5	29.5	1.0	27	16.70
24-12-dec	13:52:00	757	28.5	29.7	1.2	27	16.72
24-12-dec	13:53:00	757	28.7	29.6	0.9	27	16.70
24-12-dec	13:54:00	757	28.8	29.7	0.9	27	16.75
24-12-dec	13:55:00	757	28.7	29.8	1.1	27	16.75
24-12-dec	13:56:00	757	28.4	29.9	1.5	27	16.70
24-12-dec	13:57:00	757	28.0	29.9	1.9	27	16.67
24-12-dec	13:58:00	757	28.4	30.0	1.6	27	16.67
24-12-dec	13:59:00	757	28.3	30.0	1.7	28	16.70
24-12-dec	14:00:00	757	28.3	29.9	1.6	27	16.75
24-12-dec	14:01:00	757	28.0	29.8	1.8	28	16.67
24-12-dec	14:02:00	757	27.8	29.8	2.0	27	16.70
24-12-dec	14:03:00	757	28.0	29.7	1.7	27	16.72
24-12-dec	14:04:00	757	27.6	29.6	2.0	27	16.70
24-12-dec	14:05:00	757	27.5	29.4	1.9	27	16.70
24-12-dec	14:06:00	757	27.8	29.4	1.6	27	16.70
24-12-dec	14:07:00	757	27.5	29.3	1.8	27	16.67
24-12-dec	14:08:00	757	27.6	29.2	1.6	27	16.72
24-12-dec	14:09:00	757	27.7	29.1	1.4	27	16.70
24-12-dec	14:10:00	757	28.2	29.0	0.8	27	16.70
24-12-dec	14:11:00	757	28.2	29.1	0.9	27	16.65
24-12-dec	14:12:00	757	27.8	29.2	1.4	28	16.70
24-12-dec	14:13:00	757	27.7	29.2	1.5	27	16.70
24-12-dec	14:14:00	757	27.9	29.2	1.3	27	16.67
24-12-dec	14:15:00	757	28.1	29.2	1.1	27	16.75
24-12-dec	14:16:00	757	28.2	29.3	1.1	27	16.70
24-12-dec	14:17:00	757	28.2	29.4	1.2	28	16.70
24-12-dec	14:18:00	757	28.0	29.4	1.4	27	16.65
24-12-dec	14:19:00	757	27.4	29.3	1.9	28	16.70
24-12-dec	14:20:00	757	27.6	29.3	1.7	27	16.67
24-12-dec	14:21:00	757	27.9	29.3	1.4	27	16.72
24-12-dec	14:22:00	757	28.0	29.2	1.2	27	16.70
24-12-dec	14:23:00	756	28.1	29.1	1.0	27	16.72
24-12-dec	14:24:00	757	28.2	29.2	1.0	27	16.62
24-12-dec	14:25:00	756	28.5	29.1	0.6	28	16.67
24-12-dec	14:26:00	757	29.3	29.2	0.9	27	16.67
24-12-dec	14:27:00	757	28.6	29.1	0.5	27	16.72
24-12-dec	14:28:00	757	28.5	29.1	0.6	27	16.77
24-12-dec	14:29:00	756	28.6	29.2	0.6	27	16.72
24-12-dec	14:30:00	757	28.6	29.1	0.5	27	16.72
24-12-dec	14:31:00	757	28.4	29.1	0.7	27	16.70
24-12-dec	14:32:00	757	28.2	29.1	0.9	27	16.70
24-12-dec	14:33:00	756	27.9	29.1	1.2	27	16.67
24-12-dec	14:34:00	757	28.1	29.1	1.0	27	16.70
24-12-dec	14:35:00	757	28.0	29.1	1.1	27	16.70
24-12-dec	14:36:00	756	28.4	29.0	0.6	27	16.70

24-12-dec	14:37:00	757	28.2	29.0	0.8	28	16.72
24-12-dec	14:38:00	757	28.2	29.1	0.9	27	16.65
24-12-dec	14:39:00	757	28.3	29.0	0.7	27	16.70
24-12-dec	14:40:00	757	28.4	29.0	0.6	27	16.72
24-12-dec	14:41:00	757	28.1	29.1	1.0	27	16.70
24-12-dec	14:42:00	757	28.1	29.1	1.0	27	16.72
24-12-dec	14:43:00	756	28.0	28.9	0.9	28	16.70
24-12-dec	14:44:00	757	28.3	29.0	0.7	27	16.67
24-12-dec	14:45:00	757	28.4	28.9	0.5	27	16.72
24-12-dec	14:46:00	757	28.3	28.9	0.6	27	16.72
24-12-dec	14:47:00	757	28.3	28.9	0.6	27	16.77
24-12-dec	14:48:00	756	28.3	28.6	0.5	27	16.67
24-12-dec	14:49:00	756	28.0	28.9	0.9	27	16.70
24-12-dec	14:50:00	757	27.8	28.8	1.0	28	16.67
24-12-dec	14:51:00	756	27.7	28.8	1.1	27	16.72
24-12-dec	14:52:00	756	27.6	28.7	1.1	27	16.67
24-12-dec	14:53:00	756	27.7	28.7	1.0	27	16.67
24-12-dec	14:54:00	756	27.7	28.7	1.0	27	16.70
24-12-dec	14:55:00	757	27.5	28.7	1.2	28	16.67
24-12-dec	14:56:00	757	27.4	28.6	1.2	27	16.70
24-12-dec	14:57:00	757	27.4	28.6	1.2	27	16.70
24-12-dec	14:58:00	757	27.1	28.5	1.4	27	16.72
24-12-dec	14:59:00	757	27.1	28.6	1.5	27	16.72
24-12-dec	15:00:00	757	27.2	28.5	1.3	27	16.70
24-12-dec	15:01:00	757	27.2	28.5	1.3	27	16.70
24-12-dec	15:02:00	757	27.3	28.5	1.2	27	16.67
24-12-dec	15:03:00	757	27.0	28.3	1.3	27	16.70
24-12-dec	15:04:00	757	27.0	28.3	1.3	27	16.72
24-12-dec	15:05:00	757	27.0	28.3	1.3	27	16.67
24-12-dec	15:06:00	757	27.0	28.3	1.3	27	16.70
24-12-dec	15:07:00	757	26.9	28.2	1.3	27	16.67
24-12-dec	15:08:00	757	26.8	28.2	1.4	27	16.67
24-12-dec	15:09:00	757	26.8	28.2	1.4	27	16.67
24-12-dec	15:10:00	757	26.8	28.1	1.3	27	16.70
24-12-dec	15:11:00	757	26.9	28.0	1.1	27	16.72
24-12-dec	15:12:00	757	26.9	28.0	1.1	27	16.70
24-12-dec	15:13:00	757	26.9	28.0	1.1	27	16.67
24-12-dec	15:14:00	757	26.8	28.0	1.2	27	16.70
24-12-dec	15:15:00	757	26.8	27.9	1.1	27	16.67
24-12-dec	15:16:00	757	26.7	27.9	1.2	28	16.72
24-12-dec	15:17:00	757	26.8	27.9	1.1	27	16.70
24-12-dec	15:18:00	757	26.6	27.8	1.2	27	16.72
24-12-dec	15:19:00	757	26.5	27.8	1.3	27	16.75
24-12-dec	15:20:00	756	26.6	27.8	1.2	27	16.75
24-12-dec	15:21:00	756	26.7	27.7	1.0	27	16.70
24-12-dec	15:22:00	757	26.8	27.7	0.9	27	16.67
24-12-dec	15:23:00	757	26.7	27.6	0.9	27	16.72
24-12-dec	15:24:00	756	26.6	27.6	1.0	27	16.72
24-12-dec	15:25:00	757	26.6	27.6	1.0	27	16.70
24-12-dec	15:26:00	751	26.5	27.5	1.0	27	16.70
24-12-dec	15:27:00	757	26.3	27.5	1.2	27	16.70
24-12-dec	15:28:00	757	26.3	27.4	1.1	27	16.70
24-12-dec	15:29:00	757	26.3	27.4	1.1	27	16.72
24-12-dec	15:30:00	757	26.3	27.3	1.0	27	16.72
24-12-dec	15:31:00	757	26.5	27.4	0.9	27	16.72
24-12-dec	15:32:00	757	26.4	27.3	0.9	27	16.72

24-12-dec	16:00	757	26.4	27.3	0.9	27	16.72
24-12-dec	16:04	757	26.4	27.2	0.8	27	16.70
24-12-dec	16:08	757	26.4	27.3	0.9	27	16.67
24-12-dec	16:09	757	26.4	27.3	0.9	27	16.72
24-12-dec	16:13	757	26.3	27.1	0.6	27	16.72
24-12-dec	16:18	757	26.3	27.1	0.8	27	16.72
24-12-dec	16:39	757	26.3	27.1	0.8	27	16.70
24-12-dec	16:40	757	26.0	27.1	1.1	27	16.72
24-12-dec	16:41	757	25.9	27.0	1.1	27	16.70
24-12-dec	16:42	757	25.8	27.0	1.2	27	16.70
24-12-dec	16:43	757	25.7	27.0	1.3	27	16.70
24-12-dec	16:44	757	25.8	26.9	1.1	27	16.70
24-12-dec	16:45	757	25.7	26.9	1.2	27	16.75
24-12-dec	16:46	757	25.7	26.8	1.1	27	16.72
24-12-dec	16:47	757	25.6	26.9	1.3	27	16.77
24-12-dec	16:48	757	25.6	26.8	1.2	27	16.72
24-12-dec	16:49	757	25.5	26.7	1.2	27	16.75
24-12-dec	16:50	757	25.5	26.8	1.3	27	16.72
24-12-dec	16:51	757	25.4	26.6	1.2	27	16.72
24-12-dec	16:52	757	25.3	26.7	1.4	27	16.75
24-12-dec	16:53	757	25.5	26.6	1.1	27	16.70
24-12-dec	16:54	757	25.4	26.5	1.1	27	16.72
24-12-dec	16:55	757	25.2	26.5	1.3	27	16.70
24-12-dec	16:56	757	25.2	26.5	1.3	27	16.70
24-12-dec	16:57	757	25.2	26.5	1.3	27	16.67
24-12-dec	16:58	757	25.4	26.5	1.1	27	16.72
24-12-dec	16:59	757	25.4	26.4	1.0	27	16.70
24-12-dec	17:00	757	25.4	26.4	1.0	27	16.75
24-12-dec	17:01	757	25.5	26.4	0.9	27	16.72
24-12-dec	17:02	757	25.5	26.4	0.9	27	16.75
24-12-dec	17:03	757	25.4	26.3	0.9	27	16.72
24-12-dec	17:04	757	25.4	26.2	0.8	27	16.72
24-12-dec	17:05	757	25.4	26.2	0.8	27	16.70
24-12-dec	17:06	757	25.4	26.2	0.8	27	16.75
24-12-dec	17:07	757	25.4	26.2	0.8	27	16.70
24-12-dec	17:08	757	25.4	26.2	0.8	27	16.72
24-12-dec	17:09	757	25.2	26.3	1.1	27	16.77
24-12-dec	17:10	757	25.2	26.1	0.9	27	16.72
24-12-dec	17:11	757	25.2	26.1	0.9	27	16.75
24-12-dec	17:12	757	25.2	26.1	0.9	27	16.72
24-12-dec	17:13	757	25.2	26.1	0.9	27	16.72
24-12-dec	17:14	757	25.2	26.1	0.9	27	16.70
24-12-dec	17:15	757	25.2	26.0	0.8	27	16.70
24-12-dec	17:16	757	25.1	26.0	0.9	27	16.72
24-12-dec	17:17	757	25.2	26.0	0.8	27	16.75
24-12-dec	17:18	757	25.2	26.0	0.8	27	16.78
24-12-dec	17:19	757	25.0	25.9	0.9	27	16.70
24-12-dec	17:20	757	25.1	25.9	0.8	27	16.70
24-12-dec	17:21	757	25.0	25.9	0.9	27	16.77
24-12-dec	17:22	757	25.0	25.8	0.8	27	16.77
24-12-dec	17:23	757	24.9	25.9	1.0	27	16.72
24-12-dec	17:24	758	24.9	25.8	0.9	27	16.75
24-12-dec	17:25	757	24.9	25.8	0.9	27	16.72
24-12-dec	17:26	757	24.8	25.8	1.0	27	16.67
24-12-dec	17:27	757	24.8	25.7	0.9	27	16.70
24-12-dec	17:28	757	24.9	25.7	0.9	27	16.70

24-12-dec	17:25:00	758	23.6	24.2	0.4	27	16.67
24-12-dec	17:26:00	758	23.5	24.1	0.6	27	16.72
24-12-dec	17:27:00	757	23.6	24.1	0.5	27	16.72
24-12-dec	17:28:00	759	23.7	24.1	0.4	27	16.72
24-12-dec	17:29:00	758	23.5	24.1	0.6	27	16.70
24-12-dec	17:30:00	757	23.5	24.0	0.5	27	16.70
24-12-dec	17:31:00	758	23.6	24.1	0.5	27	16.72
24-12-dec	17:32:00	758	23.7	24.0	0.3	26	16.67
24-12-dec	17:33:00	758	23.7	24.1	0.4	27	16.70
24-12-dec	17:34:00	757	23.6	24.0	0.4	27	16.67
24-12-dec	17:35:00	758	23.5	24.0	0.5	27	16.75
24-12-dec	17:36:00	758	23.3	24.0	0.7	27	16.67
24-12-dec	17:37:00	758	23.4	23.9	0.5	27	16.75
24-12-dec	17:38:00	758	23.4	23.9	0.5	27	16.72
24-12-dec	17:39:00	757	23.4	23.8	0.4	27	16.72
24-12-dec	17:40:00	758	23.4	23.8	0.4	27	16.70
24-12-dec	17:41:00	758	23.4	23.8	0.4	27	16.72
24-12-dec	17:42:00	758	23.4	23.8	0.4	27	16.70
24-12-dec	17:43:00	757	23.4	23.8	0.4	27	16.70
24-12-dec	17:44:00	758	23.4	23.7	0.3	27	16.70
24-12-dec	17:45:00	758	23.4	23.8	0.4	27	16.72
24-12-dec	17:46:00	758	23.4	23.7	0.3	27	16.75
24-12-dec	17:47:00	758	23.3	23.7	0.4	27	16.72
24-12-dec	17:48:00	758	23.4	23.7	0.3	27	16.70
24-12-dec	17:49:00	758	23.3	23.7	0.3	27	16.70
24-12-dec	17:50:00	757	23.3	23.6	0.3	27	16.72
24-12-dec	17:51:00	758	23.3	23.6	0.3	27	16.70
24-12-dec	17:52:00	758	23.3	23.7	0.4	27	16.72
24-12-dec	17:53:00	758	23.2	23.6	0.4	27	16.72
24-12-dec	17:54:00	758	23.2	23.6	0.4	27	16.72
24-12-dec	17:55:00	757	23.2	23.6	0.4	26	16.67
24-12-dec	17:56:00	758	23.2	23.5	0.3	27	16.70
24-12-dec	17:57:00	758	23.2	23.5	0.3	27	16.72
24-12-dec	17:58:00	758	23.2	23.5	0.3	26	16.70
24-12-dec	17:59:00	756	23.2	23.5	0.3	26	16.70
24-12-dec	18:00:00	758	22.9	23.5	0.6	27	16.72
24-12-dec	18:01:00	758	22.8	23.4	0.6	27	16.67
24-12-dec	18:02:00	757	22.7	23.4	0.7	27	16.72
24-12-dec	18:03:00	758	22.7	23.4	0.7	27	16.72
24-12-dec	18:04:00	758	22.8	23.4	0.6	27	16.70
24-12-dec	18:05:00	758	22.7	23.4	0.7	27	16.70
24-12-dec	18:06:00	758	22.8	23.4	0.6	27	16.72
24-12-dec	18:07:00	758	22.8	23.3	0.5	27	16.72
24-12-dec	18:08:00	758	22.9	23.3	0.4	27	16.72
24-12-dec	18:09:00	758	22.9	23.3	0.4	27	16.70
24-12-dec	18:10:00	758	23.0	23.3	0.3	27	16.72
24-12-dec	18:11:00	758	22.8	23.2	0.4	26	16.67
24-12-dec	18:12:00	758	22.8	23.2	0.4	27	16.70
24-12-dec	18:13:00	758	22.9	23.3	0.4	27	16.67
24-12-dec	18:14:00	758	22.9	23.1	0.2	27	16.75
24-12-dec	18:15:00	758	22.9	23.2	0.3	26	16.75
24-12-dec	18:16:00	758	22.9	23.2	0.3	27	16.72
24-12-dec	18:17:00	758	22.9	23.2	0.3	26	16.75
24-12-dec	18:18:00	758	23.0	23.1	0.1	27	16.72
24-12-dec	18:19:00	758	22.9	23.1	0.2	27	16.72
24-12-dec	18:20:00	758	23.0	23.1	0.1	27	16.75

24-12-dec	19:17:00	758	21.7	21.9	0.2	27	16.72
24-12-dec	19:18:00	759	21.7	21.9	0.2	27	16.75
24-12-dec	19:19:00	759	21.8	21.9	0.1	26	16.75
24-12-dec	19:20:00	759	21.6	21.8	0.2	27	16.70
24-12-dec	19:21:00	758	21.6	21.8	0.2	27	16.72
24-12-dec	19:22:00	759	21.6	21.8	0.2	27	16.67
24-12-dec	19:23:00	758	21.5	21.8	0.2	27	16.70
24-12-dec	19:24:00	759	21.6	21.8	0.2	27	16.70
24-12-dec	19:25:00	758	21.6	21.7	0.1	27	16.72
24-12-dec	19:26:00	758	21.5	21.8	0.2	26	16.65
24-12-dec	19:27:00	758	21.6	21.7	0.1	27	16.72
24-12-dec	19:28:00	759	21.6	21.7	0.1	27	16.75
24-12-dec	19:29:00	758	21.5	21.7	0.2	27	16.70
24-12-dec	19:30:00	759	21.5	21.7	0.2	27	16.72
24-12-dec	19:31:00	759	21.5	21.7	0.2	27	16.72
24-12-dec	19:32:00	759	21.5	21.6	0.1	27	16.75
24-12-dec	19:33:00	759	21.5	21.6	0.1	27	16.75
24-12-dec	19:34:00	759	21.5	21.6	0.1	26	16.65
24-12-dec	19:35:00	758	21.4	21.6	0.2	27	16.72
24-12-dec	19:36:00	759	21.4	21.5	0.1	27	16.72
24-12-dec	19:37:00	759	21.5	21.6	0.1	27	16.72
24-12-dec	19:38:00	759	21.3	21.5	0.2	26	16.70
24-12-dec	19:39:00	759	21.3	21.5	0.2	27	16.70
24-12-dec	19:40:00	759	21.4	21.5	0.1	27	16.72
24-12-dec	19:41:00	759	21.3	21.4	0.1	27	16.75
24-12-dec	19:42:00	759	21.3	21.5	0.2	27	16.67
24-12-dec	19:43:00	759	21.3	21.5	0.2	27	16.72
24-12-dec	19:44:00	758	21.4	21.4	0.0	27	16.72
24-12-dec	19:45:00	759	21.3	21.4	0.1	27	16.67
24-12-dec	19:46:00	759	21.4	21.4	0.0	27	16.70
24-12-dec	19:47:00	759	21.5	21.4	-0.1	26	16.67
24-12-dec	19:48:00	759	21.4	21.3	-0.1	27	16.72
24-12-dec	19:49:00	759	21.4	21.3	-0.1	27	16.70
24-12-dec	19:50:00	759	21.4	21.3	-0.1	27	16.70
24-12-dec	19:51:00	759	21.4	21.4	0.0	27	16.70
24-12-dec	19:52:00	759	21.3	21.3	0.0	27	16.70
24-12-dec	19:53:00	759	21.3	21.3	0.0	27	16.72
24-12-dec	19:54:00	759	21.3	21.2	-0.1	27	16.70
24-12-dec	19:55:00	759	21.3	21.2	-0.1	27	16.75
24-12-dec	19:56:00	759	21.3	21.2	-0.1	27	16.70
24-12-dec	19:57:00	759	21.3	21.2	-0.1	26	16.70
24-12-dec	19:58:00	759	21.2	21.2	0.0	27	16.72
24-12-dec	19:59:00	759	21.1	21.2	0.1	27	16.65
24-12-dec	20:00:00	759	21.1	21.2	0.1	27	16.75
24-12-dec	20:01:00	759	21.1	21.1	0.0	27	16.72
24-12-dec	20:02:00	759	21.1	21.1	0.0	26	16.67
24-12-dec	20:03:00	759	21.0	21.1	0.1	27	16.70
24-12-dec	20:04:00	759	21.0	21.0	0.0	27	16.75
24-12-dec	20:05:00	759	21.0	21.0	0.0	27	16.72
24-12-dec	20:06:00	759	21.0	21.0	0.0	27	16.72
24-12-dec	20:07:00	759	20.9	21.0	0.1	27	16.67
24-12-dec	20:08:00	759	20.9	20.9	0.0	27	16.70
24-12-dec	20:09:00	759	20.8	20.9	0.1	27	16.72
24-12-dec	20:10:00	759	20.9	20.9	0.0	27	16.70
24-12-dec	20:11:00	759	20.8	20.9	0.1	27	16.70
24-12-dec	20:12:00	759	20.8	20.8	0.1	27	16.70

24-12-dec	18:00:00	758	22.9	23.1	0.2	27	16.70
24-12-dec	18:22:00	758	22.9	23.1	0.2	27	16.70
24-12-dec	18:23:00	758	22.8	23.1	0.3	27	16.67
24-12-dec	18:24:00	758	22.9	23.0	0.1	27	16.70
24-12-dec	18:25:00	758	22.9	23.0	0.1	27	16.70
24-12-dec	18:26:00	757	22.8	23.0	0.2	27	16.67
24-12-dec	18:27:00	758	22.8	22.9	0.1	27	16.70
24-12-dec	18:28:00	758	22.7	23.0	0.3	27	16.70
24-12-dec	18:29:00	758	22.7	23.0	0.3	27	16.72
24-12-dec	18:30:00	758	22.5	22.9	0.4	27	16.70
24-12-dec	18:31:00	758	22.6	23.0	0.4	27	16.70
24-12-dec	18:32:00	758	22.7	22.9	0.2	27	16.70
24-12-dec	18:33:00	758	22.6	22.9	0.3	27	16.70
24-12-dec	18:34:00	758	22.5	22.9	0.4	27	16.70
24-12-dec	18:35:00	758	22.5	22.9	0.4	27	16.70
24-12-dec	18:36:00	758	22.4	22.8	0.4	27	16.70
24-12-dec	18:37:00	758	22.4	22.8	0.4	27	16.75
24-12-dec	18:38:00	758	22.5	22.7	0.2	27	16.72
24-12-dec	18:39:00	758	22.5	22.7	0.2	27	16.72
24-12-dec	18:40:00	758	22.4	22.7	0.3	27	16.72
24-12-dec	18:41:00	758	22.4	22.6	0.2	27	16.70
24-12-dec	18:42:00	758	22.3	22.7	0.4	27	16.62
24-12-dec	18:43:00	758	22.3	22.6	0.3	27	16.72
24-12-dec	18:44:00	758	22.1	22.6	0.5	27	16.70
24-12-dec	18:45:00	758	22.2	22.6	0.4	27	16.70
24-12-dec	18:46:00	758	22.2	22.6	0.4	27	16.70
24-12-dec	18:47:00	758	22.2	22.5	0.3	27	16.72
24-12-dec	18:48:00	758	22.2	22.5	0.3	27	16.72
24-12-dec	18:49:00	758	22.1	22.5	0.4	27	16.70
24-12-dec	18:50:00	758	22.1	22.5	0.4	27	16.72
24-12-dec	18:51:00	758	22.1	22.4	0.3	27	16.70
24-12-dec	18:52:00	759	22.1	22.4	0.3	27	16.72
24-12-dec	18:53:00	758	22.0	22.4	0.4	27	16.70
24-12-dec	18:54:00	758	22.0	22.4	0.4	26	16.70
24-12-dec	18:55:00	758	21.9	22.3	0.4	27	16.70
24-12-dec	18:56:00	758	22.0	22.3	0.3	27	16.70
24-12-dec	18:57:00	758	21.9	22.3	0.4	27	16.72
24-12-dec	18:58:00	758	21.9	22.2	0.3	27	16.70
24-12-dec	18:59:00	758	22.0	22.2	0.2	27	16.72
24-12-dec	19:00:00	758	22.0	22.2	0.2	27	16.70
24-12-dec	19:01:00	758	22.0	22.2	0.2	26	16.70
24-12-dec	19:02:00	758	22.0	22.1	0.1	27	16.72
24-12-dec	19:03:00	758	21.8	22.2	0.4	27	16.72
24-12-dec	19:04:00	758	21.8	22.1	0.3	27	16.72
24-12-dec	19:05:00	759	21.9	22.1	0.2	27	16.72
24-12-dec	19:06:00	759	21.9	22.1	0.2	27	16.72
24-12-dec	19:07:00	758	21.9	22.1	0.2	27	16.72
24-12-dec	19:08:00	758	21.8	22.0	0.2	27	16.70
24-12-dec	19:09:00	758	21.8	22.0	0.2	27	16.72
24-12-dec	19:10:00	758	21.7	22.0	0.3	27	16.70
24-12-dec	19:11:00	759	21.7	22.0	0.3	27	16.77
24-12-dec	19:12:00	758	21.7	21.9	0.2	26	16.72
24-12-dec	19:13:00	759	21.7	21.9	0.2	27	16.70
24-12-dec	19:14:00	759	21.7	21.9	0.2	27	16.75
24-12-dec	19:15:00	758	21.7	21.9	0.2	27	16.70
24-12-dec	19:16:00	758	21.8	22.0	0.2	26	16.70

24-12-dec	21 09 00	755	20 5	20 3	-0 2	27	16 70
24-12-dec	21 10 00	760	20 6	20 3	-0 3	26	16 72
24-12-dec	21 11 00	755	20 5	20 3	-0 2	27	16 72
24-12-dec	21 12 00	755	20 7	20 2	-0 5	26	16 72
24-12-dec	21 13 00	759	20 7	20 3	-0 4	27	16 72
24-12-dec	21 14 00	759	20 6	20 3	-0 3	26	16 75
24-12-dec	21 15 00	759	20 6	20 3	-0 3	27	16 72
24-12-dec	21 16 00	759	20 5	20 3	-0 2	27	16 77
24-12-dec	21 17 00	760	20 6	20 2	-0 4	27	16 70
24-12-dec	21 18 00	759	20 5	20 3	-0 2	27	16 72
24-12-dec	21 19 00	759	20 5	20 2	-0 3	27	16 72
24-12-dec	21 20 00	755	20 6	20 3	-0 3	26	16 72
24-12-dec	21 21 00	760	20 5	20 2	-0 3	26	16 72
24-12-dec	21 22 00	759	20 5	20 2	-0 3	27	16 70
24-12-dec	21 23 00	755	20 5	20 2	-0 3	27	16 72
24-12-dec	21 24 00	759	20 6	20 2	-0 4	26	16 72
24-12-dec	21 25 00	755	20 4	20 3	-0 1	27	16 70
24-12-dec	21 26 00	760	20 4	20 2	-0 2	27	16 72
24-12-dec	21 27 00	759	20 4	20 2	-0 2	27	16 70
24-12-dec	21 28 00	759	20 4	20 3	-0 1	27	16 75
24-12-dec	21 29 00	759	20 3	20 2	-0 1	27	16 67
24-12-dec	21 30 00	760	20 4	20 2	-0 2	26	16 75
24-12-dec	21 31 00	760	20 4	20 1	-0 3	27	16 77
24-12-dec	21 32 00	759	20 4	20 2	-0 2	26	16 72
24-12-dec	21 33 00	760	20 3	20 1	-0 2	27	16 65
24-12-dec	21 34 00	760	20 3	20 2	-0 1	27	16 62
24-12-dec	21 35 00	759	20 4	20 2	-0 2	26	16 70
24-12-dec	21 36 00	760	20 4	20 2	-0 2	26	16 72
24-12-dec	21 37 00	759	20 4	20 1	-0 3	27	16 72
24-12-dec	21 38 00	759	20 5	20 2	-0 3	27	16 70
24-12-dec	21 39 00	755	20 5	20 1	-0 4	27	16 72
24-12-dec	21 40 00	759	20 4	20 2	-0 2	27	16 70
24-12-dec	21 41 00	759	20 4	20 1	-0 3	27	16 70
24-12-dec	21 42 00	760	20 4	20 2	-0 2	27	16 75
24-12-dec	21 43 00	760	20 5	20 2	-0 3	27	16 75
24-12-dec	21 44 00	760	20 4	20 1	-0 3	27	16 75
24-12-dec	21 45 00	760	20 3	20 1	-0 2	27	16 70
24-12-dec	21 46 00	760	20 3	20 1	-0 2	26	16 67
24-12-dec	21 47 00	759	20 3	20 1	-0 2	27	16 67
24-12-dec	21 48 00	759	20 3	20 1	-0 2	27	16 70
24-12-dec	21 49 00	759	20 2	20 1	-0 1	27	16 72
24-12-dec	21 50 00	759	20 3	20 2	-0 1	27	16 67
24-12-dec	21 51 00	760	20 3	20 1	-0 2	26	16 72
24-12-dec	21 52 00	759	20 3	20 2	-0 1	27	16 70
24-12-dec	21 53 00	760	20 2	20 1	-0 1	26	16 75
24-12-dec	21 54 00	760	20 2	20 1	-0 1	27	16 75
24-12-dec	21 55 00	760	20 2	20 1	-0 1	27	16 70
24-12-dec	21 56 00	759	20 2	20 1	-0 1	27	16 70
24-12-dec	21 57 00	760	20 2	20 0	-0 2	27	16 75
24-12-dec	21 58 00	760	20 2	20 0	-0 2	27	16 70
24-12-dec	21 59 00	759	20 2	20 0	-0 2	27	16 72
24-12-dec	22 00 00	760	20 3	20 0	-0 3	27	16 70
24-12-dec	22 01 00	760	20 3	20 0	-0 3	27	16 72
24-12-dec	22 02 00	759	20 4	20 0	-0 4	27	16 77
24-12-dec	22 03 00	759	20 4	20 0	-0 4	27	16 80
24-12-dec	22 04 00	759	20 4	20 0	-0 4	27	16 80

24-12-dec	23 01 00	759	19 8	19 7	-0 1	27	16 70
24-12-dec	23 02 00	760	19 8	19 7	-0 1	27	16 70
24-12-dec	23 03 00	760	19 8	19 7	-0 1	27	16 72
24-12-dec	23 04 00	759	19 8	19 7	-0 1	27	16 72
24-12-dec	23 05 00	759	19 7	19 7	0 0	27	16 72
24-12-dec	23 06 00	759	19 7	19 7	0 0	27	16 70
24-12-dec	23 07 00	760	19 8	19 7	-0 1	27	16 72
24-12-dec	23 08 00	759	19 7	19 7	0 0	27	16 72
24-12-dec	23 09 00	759	19 7	19 7	0 0	27	16 75
24-12-dec	23 10 00	759	19 7	19 7	0 0	27	16 72
24-12-dec	23 11 00	759	19 8	19 7	-0 1	27	16 72
24-12-dec	23 12 00	759	19 7	19 6	-0 1	27	16 75
24-12-dec	23 13 00	760	19 7	19 6	-0 1	27	16 72
24-12-dec	23 14 00	759	19 7	19 6	-0 1	27	16 70
24-12-dec	23 15 00	759	19 7	19 6	-0 1	27	16 72
24-12-dec	23 16 00	759	19 8	19 6	-0 2	27	16 72
24-12-dec	23 17 00	760	19 8	19 6	-0 2	27	16 72
24-12-dec	23 18 00	759	19 7	19 6	-0 1	27	16 72
24-12-dec	23 19 00	759	19 7	19 6	-0 1	27	16 72
24-12-dec	23 20 00	759	19 8	19 6	-0 2	27	16 70
24-12-dec	23 21 00	755	19 7	19 6	-0 1	27	16 67
24-12-dec	23 22 00	759	19 6	19 6	0 0	26	16 72
24-12-dec	23 23 00	759	19 7	19 6	-0 1	27	16 72
24-12-dec	23 24 00	759	19 7	19 6	-0 1	27	16 72
24-12-dec	23 25 00	759	19 7	19 6	-0 1	27	16 77
24-12-dec	23 26 00	759	19 7	19 6	-0 1	27	16 70
24-12-dec	23 27 00	759	19 6	19 5	-0 1	27	16 70
24-12-dec	23 28 00	759	19 6	19 6	0 0	27	16 70
24-12-dec	23 29 00	759	19 6	19 6	0 0	27	16 72
24-12-dec	23 30 00	759	19 7	19 6	-0 1	27	16 72
24-12-dec	23 31 00	760	19 6	19 5	-0 1	27	16 72
24-12-dec	23 32 00	759	19 6	19 5	-0 1	27	16 72
24-12-dec	23 33 00	759	19 7	19 5	-0 2	27	16 70
24-12-dec	23 34 00	760	19 7	19 5	-0 2	26	16 70
24-12-dec	23 35 00	759	19 7	19 5	-0 2	27	16 72
24-12-dec	23 36 00	759	19 8	19 5	-0 3	27	16 72
24-12-dec	23 37 00	759	19 7	19 5	-0 2	27	16 70
24-12-dec	23 38 00	759	19 6	19 5	-0 1	26	16 67
24-12-dec	23 39 00	759	19 6	19 5	-0 1	27	16 70
24-12-dec	23 40 00	759	19 6	19 5	-0 1	27	16 77
24-12-dec	23 41 00	759	19 6	19 5	-0 1	27	16 70
24-12-dec	23 42 00	759	19 5	19 5	0 0	27	16 70
24-12-dec	23 43 00	759	19 6	19 5	-0 1	27	16 70
24-12-dec	23 44 00	759	19 5	19 5	0 0	27	16 67
24-12-dec	23 45 00	759	19 5	19 5	0 0	27	16 72
24-12-dec	23 46 00	760	19 6	19 5	-0 1	27	16 72
24-12-dec	23 47 00	760	19 5	19 4	-0 1	27	16 72
24-12-dec	23 48 00	759	19 5	19 5	0 0	27	16 70
24-12-dec	23 49 00	759	19 5	19 4	-0 1	27	16 72
24-12-dec	23 50 00	759	19 5	19 4	-0 1	26	16 72
24-12-dec	23 51 00	759	19 5	19 4	-0 1	27	16 72
24-12-dec	23 52 00	759	19 5	19 4	-0 1	27	16 75
24-12-dec	23 53 00	759	19 5	19 4	-0 1	27	16 67
24-12-dec	23 54 00	759	19 5	19 4	-0 1	27	16 70
24-12-dec	23 55 00	759	19 4	19 4	0 0	26	16 72
24-12-dec	23 56 00	759	19 4	19 3	-0 1	27	16 72

24-12-dec	22 05 00	760	20 3	20 0	-0 3	27	16 72
24-12-dec	22 06 00	760	20 2	20 0	-0 2	27	16 72
24-12-dec	22 07 00	759	20 2	20 0	-0 2	27	16 72
24-12-dec	22 08 00	760	20 2	20 0	-0 2	26	16 67
24-12-dec	22 09 00	760	20 2	20 0	-0 2	27	16 67
24-12-dec	22 10 00	759	20 2	20 0	-0 2	27	16 70
24-12-dec	22 11 00	759	20 2	20 0	-0 2	27	16 72
24-12-dec	22 12 00	760	20 1	20 0	-0 1	27	16 72
24-12-dec	22 13 00	759	20 2	20 0	-0 2	27	16 72
24-12-dec	22 14 00	760	20 2	20 0	-0 2	26	16 70
24-12-dec	22 15 00	759	20 1	20 0	-0 1	27	16 72
24-12-dec	22 16 00	760	20 1	19 9	-0 2	27	16 72
24-12-dec	22 17 00	760	20 1	19 9	-0 2	27	16 67
24-12-dec	22 18 00	759	20 1	19 9	-0 2	27	16 70
24-12-dec	22 19 00	759	20 1	19 9	-0 2	27	16 75
24-12-dec	22 20 00	760	20 1	20 0	-0 1	27	16 72
24-12-dec	22 21 00	760	20 1	19 9	-0 2	26	16 72
24-12-dec	22 22 00	760	20 2	19 9	-0 3	27	16 72
24-12-dec	22 23 00	760	20 2	19 9	-0 3	27	16 72
24-12-dec	22 24 00	760	20 2	19 9	-0 3	27	16 72
24-12-dec	22 25 00	759	20 2	19 9	-0 3	27	16 70
24-12-dec	22 26 00	760	20 1	19 9	-0 2	27	16 67
24-12-dec	22 27 00	759	20 2	19 9	-0 3	27	16 70
24-12-dec	22 28 00	760	20 0	19 9	-0 1	27	16 72
24-12-dec	22 29 00	759	20 0	19 9	-0 1	27	16 72
24-12-dec	22 30 00	760	20 0	19 9	-0 1	27	16 70
24-12-dec	22 31 00	759	19 9	19 9	0 0	27	16 70
24-12-dec	22 32 00	760	19 9	19 9	0 0	27	16 75
24-12-dec	22 33 00	759	20 0	19 9	-0 1	26	16 70
24-12-dec	22 34 00	760	19 9	19 9	0 0	27	16 70
24-12-dec	22 35 00	759	20 0	19 9	-0 1	27	16 70
24-12-dec	22 36 00	759	20 0	19 9	-0 1	26	16 70
24-12-dec	22 37 00	759	20 0	19 9	-0 1	27	16 70
24-12-dec	22 38 00	759	20 1	19 9	-0 2	27	16 72
24-12-dec	22 39 00	760	20 0	19 9	-0 1	27	16 65
24-12-dec	22 40 00	760	20 0	19 8	-0 2	27	16 72
24-12-dec	22 41 00	759	20 0	19 8	-0 2	27	16 70
24-12-dec	22 42 00	759	19 9	19 8	-0 1	27	16 70
24-12-dec	22 43 00	759	19 9	19 8	-0 1	27	16 75
24-12-dec	22 44 00	759	19 9	19 8	-0 1	27	16 72
24-12-dec	22 45 00	759	20 0	19 8	-0 2	27	16 70
24-12-dec	22 46 00	760	19 9	19 8	-0 1	27	16 72
24-12-dec	22 47 00	760	19 9	19 8	-0 1	27	16 75
24-12-dec	22 48 00	759	19 9	19 8	-0 1	27	16 70
24-12-dec	22 49 00	759	19 9	19 8	-0 1	27	16 72
24-12-dec	22 50 00	759	19 9	19 8	-0 1	27	16 72
24-12-dec	22 51 00	760	19 8	19 7	-0 1	27	16 72
24-12-dec	22 52 00	759	19 8	19 8	0 0	27	16 70
24-12-dec	22 53 00	759	19 8	19 7	-0 1	27	16 72
24-12-dec	22 54 00	759	19 9	19 8	-0 1	27	16 70
24-12-dec	22 55 00	759	19 8	19 8	0 0	26	16 70
24-12-dec	22 56 00	759	19 8	19 7	-0 1	27	16 65
24-12-dec	22 57 00	759	19 8	19 7	-0 1	27	16 70
24-12-dec	22 58 00	760	19 8	19 8	0 0	27	16 70
24-12-dec	22 59 00	760	19 8	19 7	-0 1	27	16 72
24-12-dec	23 00 00	759	19 8	19 7	-0 1	27	16 72

24-13-dec	01:00:00	759	19.1	18.9	-0.2	27	16.70
24-13-dec	01:00:00	759	19.1	18.8	-0.3	27	16.72
24-13-dec	01:01:00	759	19.1	18.6	-0.5	27	16.70
24-13-dec	01:02:00	759	19.2	18.8	-0.4	27	16.70
24-13-dec	01:03:00	759	19.2	18.8	-0.4	27	16.75
24-13-dec	01:04:00	759	19.1	18.8	-0.3	27	16.72
24-13-dec	01:05:00	759	19.1	18.8	-0.3	27	16.75
24-13-dec	01:06:00	759	19.2	18.8	-0.4	27	16.72
24-13-dec	01:07:00	759	19.2	18.8	-0.4	27	16.67
24-13-dec	01:08:00	759	19.2	18.8	-0.4	27	16.70
24-13-dec	01:09:00	759	19.2	18.8	-0.4	27	16.70
24-13-dec	02:00:00	759	19.2	18.8	-0.4	27	16.77
24-13-dec	02:01:00	759	19.2	18.7	-0.5	27	16.70
24-13-dec	02:02:00	759	19.3	18.7	-0.6	27	16.70
24-13-dec	02:03:00	759	19.2	18.7	-0.5	27	16.70
24-13-dec	02:04:00	759	19.2	18.8	-0.4	27	16.70
24-13-dec	02:05:00	759	19.2	18.7	-0.5	27	16.75
24-13-dec	02:06:00	759	19.2	18.8	-0.4	27	16.70
24-13-dec	02:07:00	759	19.1	18.7	-0.4	27	16.72
24-13-dec	02:08:00	759	19.2	18.7	-0.5	27	16.72
24-13-dec	02:09:00	759	19.1	18.7	-0.4	27	16.77
24-13-dec	02:10:00	759	19.1	18.7	-0.4	27	16.70
24-13-dec	02:11:00	759	19.1	18.7	-0.4	27	16.75
24-13-dec	02:12:00	759	19.1	18.7	-0.4	27	16.70
24-13-dec	02:13:00	759	19.0	18.7	-0.3	27	16.72
24-13-dec	02:14:00	759	19.0	18.8	-0.2	27	16.70
24-13-dec	02:15:00	759	19.1	18.7	-0.4	27	16.72
24-13-dec	02:16:00	759	19.1	18.7	-0.4	27	16.70
24-13-dec	02:17:00	759	19.1	18.7	-0.4	27	16.72
24-13-dec	02:18:00	759	19.1	18.8	-0.3	27	16.70
24-13-dec	02:19:00	759	19.1	18.7	-0.4	27	16.70
24-13-dec	02:20:00	759	19.1	18.8	-0.3	27	16.72
24-13-dec	02:21:00	759	19.1	18.7	-0.4	27	16.72
24-13-dec	02:22:00	759	19.0	18.8	-0.2	27	16.70
24-13-dec	02:23:00	759	19.1	18.7	-0.4	27	16.70
24-13-dec	02:24:00	759	19.1	18.7	-0.4	27	16.72
24-13-dec	02:25:00	759	19.1	18.7	-0.4	27	16.72
24-13-dec	02:26:00	759	19.0	18.7	-0.3	27	16.72
24-13-dec	02:27:00	759	19.0	18.7	-0.3	27	16.70
24-13-dec	02:28:00	759	19.0	18.7	-0.3	27	16.75
24-13-dec	02:29:00	758	19.0	18.8	-0.2	27	16.67
24-13-dec	02:30:00	759	19.0	18.7	-0.3	27	16.67
24-13-dec	02:31:00	759	19.0	18.7	-0.3	27	16.75
24-13-dec	02:32:00	759	19.0	18.7	-0.3	27	16.70
24-13-dec	02:33:00	759	19.0	18.7	-0.3	27	16.72
24-13-dec	02:34:00	758	19.0	18.7	-0.3	27	16.75
24-13-dec	02:35:00	759	19.0	18.7	-0.3	27	16.75
24-13-dec	02:36:00	759	19.0	18.7	-0.3	27	16.72
24-13-dec	02:37:00	759	19.0	18.7	-0.3	27	16.70
24-13-dec	02:38:00	759	19.0	18.7	-0.3	27	16.77
24-13-dec	02:39:00	759	19.0	18.6	-0.4	27	16.67
24-13-dec	02:40:00	759	19.0	18.7	-0.3	27	16.72
24-13-dec	02:41:00	759	19.1	18.7	-0.4	27	16.72
24-13-dec	02:42:00	759	19.1	18.6	-0.5	27	16.72
24-13-dec	02:43:00	758	19.1	18.6	-0.5	27	16.70
24-13-dec	02:44:00	759	19.0	18.6	-0.4	27	16.72

24-13-dec	03.00	758	19.1	18.5	-0.6	27	16.70
24-13-dec	03:42.00	759	19.0	18.6	-0.4	27	16.72
24-13-dec	03:43.00	758	19.0	18.6	-0.4	27	16.70
24-13-dec	03:44.00	758	19.0	18.6	-0.4	27	16.67
24-13-dec	03:45.00	758	19.0	18.6	-0.4	27	16.70
24-13-dec	03:46.00	758	19.0	18.6	-0.4	27	16.72
24-13-dec	03:47.00	758	19.0	18.5	-0.5	27	16.72
24-13-dec	03:48.00	759	18.9	18.6	-0.3	27	16.70
24-13-dec	03:49.00	758	18.9	18.6	-0.3	27	16.70
24-13-dec	03:50.00	758	19.0	18.6	-0.4	27	16.72
24-13-dec	03:51.00	758	18.9	18.5	-0.4	27	16.70
24-13-dec	03:52.00	759	18.9	18.5	-0.4	27	16.70
24-13-dec	03:53.00	759	18.9	18.5	-0.4	27	16.67
24-13-dec	03:54.00	758	18.9	18.5	-0.4	27	16.70
24-13-dec	03:55.00	759	18.9	18.6	-0.3	27	16.70
24-13-dec	03:56.00	759	18.9	18.5	-0.4	27	16.67
24-13-dec	03:57.00	758	18.8	18.6	-0.2	27	16.70
24-13-dec	03:58.00	758	18.9	18.6	-0.3	27	16.70
24-13-dec	03:59.00	759	18.8	18.5	-0.3	27	16.72
24-13-dec	04:00.00	758	18.8	18.5	-0.3	27	16.72
24-13-dec	04:01.00	758	18.8	18.5	-0.3	27	16.70
24-13-dec	04:02.00	758	18.8	18.5	-0.3	27	16.67
24-13-dec	04:03.00	758	18.9	18.5	-0.4	27	16.72
24-13-dec	04:04.00	759	18.9	18.5	-0.4	27	16.70
24-13-dec	04:05.00	758	18.9	18.5	-0.4	27	16.70
24-13-dec	04:06.00	758	18.9	18.5	-0.4	27	16.70
24-13-dec	04:07.00	758	18.9	18.6	-0.3	27	16.67
24-13-dec	04:08.00	759	18.8	18.5	-0.3	27	16.72
24-13-dec	04:09.00	758	18.9	18.6	-0.3	27	16.70
24-13-dec	04:10.00	756	18.9	18.5	-0.4	27	16.70
24-13-dec	04:11.00	758	19.0	18.5	-0.5	27	16.67
24-13-dec	04:12.00	758	18.9	18.5	-0.4	27	16.72
24-13-dec	04:13.00	756	18.9	18.5	-0.4	27	16.72
24-13-dec	04:14.00	758	18.9	18.5	-0.4	27	16.72
24-13-dec	04:15.00	759	18.9	18.5	-0.4	27	16.70
24-13-dec	04:16.00	756	18.9	18.5	-0.4	27	16.72
24-13-dec	04:17.00	758	18.9	18.5	-0.4	27	16.72
24-13-dec	04:18.00	756	18.9	18.5	-0.4	27	16.70
24-13-dec	04:19.00	759	19.0	18.5	-0.5	27	16.70
24-13-dec	04:20.00	759	19.0	18.5	-0.5	27	16.72
24-13-dec	04:21.00	759	19.0	18.6	-0.4	27	16.70
24-13-dec	04:22.00	756	19.0	18.5	-0.5	27	16.72
24-13-dec	04:23.00	759	18.9	18.5	-0.4	27	16.76
24-13-dec	04:24.00	759	19.0	18.5	-0.5	27	16.72
24-13-dec	04:25.00	759	19.0	18.5	-0.5	27	16.72
24-13-dec	04:26.00	758	19.0	18.5	-0.5	27	16.76
24-13-dec	04:27.00	759	19.0	18.5	-0.5	27	16.72
24-13-dec	04:28.00	758	18.9	18.5	-0.4	27	16.72
24-13-dec	04:29.00	759	18.9	18.5	-0.4	27	16.70
24-13-dec	04:30.00	759	19.0	18.5	-0.5	27	16.72
24-13-dec	04:31.00	758	19.0	18.5	-0.5	27	16.70
24-13-dec	04:32.00	756	18.9	18.5	-0.4	27	16.72
24-13-dec	04:33.00	758	18.9	18.5	-0.4	27	16.72
24-13-dec	04:34.00	759	19.0	18.5	-0.5	27	16.70
24-13-dec	04:35.00	759	18.9	18.5	-0.4	27	16.75
24-13-dec	04:36.00	759	19.0	18.5	-0.5	27	16.72

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24-13-dec	05:13:00	759	19 1	18 5	-0.6	27	16 72
24-13-dec	05:24:00	756	19 0	18 6	-0.4	27	16 70
24-13-dec	05:35:00	759	19 1	18 5	-0.6	27	16 75
24-13-dec	05:36:00	759	19 0	18 5	-0.5	27	16 72
24-13-dec	05:37:00	759	19 0	18 5	-0.5	27	16 70
24-13-dec	05:38:00	759	19 1	18 6	-0.5	27	16 70
24-13-dec	05:39:00	759	19 0	18 6	-0.4	27	16 70
24-13-dec	05:40:00	758	19 2	18 5	-0.7	27	16 72
24-13-dec	05:41:00	759	19 1	18 6	-0.5	27	16 77
24-13-dec	05:42:00	759	19 1	18 6	-0.5	27	16 75
24-13-dec	05:43:00	756	19 1	18 6	-0.5	27	16 72
24-13-dec	05:44:00	755	19 2	18 5	-0.7	27	16 70
24-13-dec	05:45:00	759	19 1	18 6	-0.5	27	16 72
24-13-dec	05:46:00	759	19 1	18 5	-0.6	27	16 75
24-13-dec	05:47:00	755	19 1	18 5	-0.6	27	16 70
24-13-dec	05:48:00	759	19 1	18 6	-0.5	27	16 72
24-13-dec	05:49:00	756	19 0	18 6	-0.4	27	16 67
24-13-dec	05:50:00	756	19 1	18 6	-0.5	27	16 72
24-13-dec	05:51:00	759	19 1	18 5	-0.6	27	16 67
24-13-dec	05:52:00	756	19 1	18 6	-0.5	27	16 72
24-13-dec	05:53:00	759	19 1	18 6	-0.5	27	16 67
24-13-dec	05:54:00	759	19 2	18 5	-0.7	27	16 70
24-13-dec	05:55:00	759	19 2	18 6	-0.6	27	16 67
24-13-dec	05:56:00	756	19 1	18 5	-0.6	27	16 72
24-13-dec	05:57:00	759	19 1	18 6	-0.5	27	16 72
24-13-dec	05:58:00	759	19 2	18 5	-0.6	27	16 70
24-13-dec	05:59:00	759	19 1	18 5	-0.6	27	16 72
24-13-dec	06:00:00	759	19 0	18 6	-0.4	27	16 70
24-13-dec	06:01:00	755	19 0	18 5	-0.5	27	16 70
24-13-dec	06:02:00	759	19 0	18 6	-0.4	27	16 72
24-13-dec	06:03:00	759	19 1	18 6	-0.5	27	16 70
24-13-dec	06:04:00	759	19 1	18 6	-0.5	27	16 72
24-13-dec	06:05:00	759	19 0	18 5	-0.5	27	16 70
24-13-dec	06:06:00	759	19 1	18 5	-0.6	27	16 72
24-13-dec	06:07:00	759	19 0	18 6	-0.4	27	16 75
24-13-dec	06:08:00	760	19 1	18 5	-0.6	27	16 72
24-13-dec	06:09:00	759	19 0	18 6	-0.4	27	16 70
24-13-dec	06:10:00	760	19 0	18 5	-0.5	27	16 72
24-13-dec	06:11:00	759	19 0	18 6	-0.4	27	16 75
24-13-dec	06:12:00	759	19 1	18 5	-0.6	27	16 70
24-13-dec	06:13:00	759	19 1	18 6	-0.5	27	16 70
24-13-dec	06:14:00	759	19 0	18 6	-0.4	27	16 72
24-13-dec	06:15:00	756	19 1	18 6	-0.5	27	16 72
24-13-dec	06:16:00	759	19 1	18 6	-0.5	27	16 72
24-13-dec	06:17:00	760	19 1	18 5	-0.6	27	16 70
24-13-dec	06:18:00	759	19 0	18 6	-0.4	27	16 72
24-13-dec	06:19:00	759	19 0	18 5	-0.5	27	16 70
24-13-dec	06:20:00	759	19 0	18 6	-0.4	27	16 75
24-13-dec	06:21:00	759	19 0	18 5	-0.5	27	16 67
24-13-dec	06:22:00	759	19 0	18 5	-0.5	27	16 70
24-13-dec	06:23:00	759	19 1	18 6	-0.5	27	16 75
24-13-dec	06:24:00	759	19 0	18 6	-0.4	27	16 70
24-13-dec	06:25:00	759	19 1	18 6	-0.5	27	16 72
24-13-dec	06:26:00	760	19 1	18 6	-0.5	27	16 70
24-13-dec	06:27:00	760	19 1	18 5	-0.6	27	16 72
24-13-dec	06:28:00	759	19 1	18 6	-0.5	28	16 72

24-13-dec	07:00	760	19.4	18.7	-0.7	27	16.70
24-13-dec	07:05	760	19.4	18.6	-0.8	27	16.72
24-13-dec	07:20	760	19.3	18.6	-0.7	27	16.67
24-13-dec	07:28	760	19.3	18.7	-0.6	27	16.67
24-13-dec	07:29	760	19.4	18.7	-0.7	27	16.72
24-13-dec	07:30	761	19.4	18.7	-0.7	27	16.77
24-13-dec	07:31	760	19.3	18.7	-0.6	27	16.72
24-13-dec	07:32	760	19.3	18.7	-0.6	27	16.75
24-13-dec	07:33	760	19.4	18.7	-0.7	27	16.75
24-13-dec	07:34	761	19.4	18.8	-0.6	27	16.70
24-13-dec	07:35	760	19.4	18.6	-0.8	27	16.70
24-13-dec	07:36	760	19.5	18.7	-0.8	27	16.70
24-13-dec	07:37	760	19.5	18.7	-0.8	27	16.72
24-13-dec	07:38	759	19.4	18.8	-0.6	27	16.72
24-13-dec	07:39	761	19.4	18.7	-0.7	27	16.70
24-13-dec	07:40	760	19.5	18.7	-0.8	27	16.70
24-13-dec	07:41	761	19.6	18.7	-0.9	27	16.72
24-13-dec	07:42	760	19.5	18.7	-0.8	27	16.70
24-13-dec	07:43	761	19.6	18.7	-0.9	27	16.72
24-13-dec	07:44	761	19.4	18.7	-0.7	27	16.70
24-13-dec	07:45	761	19.4	18.7	-0.7	27	16.70
24-13-dec	07:46	760	19.3	18.6	-0.7	27	16.62
24-13-dec	07:47	761	19.4	18.7	-0.7	27	16.70
24-13-dec	07:48	761	19.3	18.6	-0.7	28	16.72
24-13-dec	07:49	760	19.3	18.7	-0.6	27	16.65
24-13-dec	07:50	761	19.3	18.7	-0.6	27	16.67
24-13-dec	07:51	761	19.3	18.7	-0.6	27	16.70
24-13-dec	07:52	760	19.4	18.7	-0.7	27	16.75
24-13-dec	07:53	761	19.3	18.6	-0.7	27	16.75
24-13-dec	07:54	761	19.2	18.7	-0.5	27	16.67
24-13-dec	07:55	761	19.3	18.7	-0.6	28	16.72
24-13-dec	07:56	761	19.3	18.6	-0.7	28	16.75
24-13-dec	07:57	760	19.3	18.7	-0.6	27	16.75
24-13-dec	07:58	761	19.2	18.7	-0.5	27	16.70
24-13-dec	07:59	761	19.3	18.7	-0.6	27	16.72
24-13-dec	08:00	760	19.3	18.6	-0.7	28	16.70
24-13-dec	08:01	761	19.3	18.6	-0.7	27	16.70
24-13-dec	08:02	760	19.2	18.7	-0.5	27	16.70
24-13-dec	08:03	761	19.2	18.6	-0.6	27	16.72
24-13-dec	08:04	761	19.2	18.7	-0.5	27	16.70
24-13-dec	08:05	761	19.3	18.7	-0.6	27	16.67
24-13-dec	08:06	761	19.2	18.7	-0.5	27	16.70
24-13-dec	08:07	761	19.3	18.7	-0.6	27	16.72
24-13-dec	08:08	761	19.3	18.7	-0.6	28	16.75
24-13-dec	08:09	761	19.1	18.6	-0.5	27	16.75
24-13-dec	08:10	761	19.2	18.6	-0.6	28	16.70
24-13-dec	08:11	760	19.3	18.6	-0.7	27	16.72
24-13-dec	08:12	761	19.3	18.6	-0.7	28	16.72
24-13-dec	08:13	761	19.3	18.6	-0.7	27	16.75
24-13-dec	08:14	761	19.0	18.6	-0.7	27	16.72
24-13-dec	08:15	761	19.2	18.6	-0.6	28	16.70
24-13-dec	08:16	760	19.2	18.6	-0.6	27	16.70
24-13-dec	08:17	761	19.3	18.6	-0.7	27	16.75
24-13-dec	08:18	761	19.3	18.6	-0.7	27	16.67
24-13-dec	08:19	761	19.3	18.7	-0.6	28	16.75
24-13-dec	08:20	761	19.4	18.6	-0.8	27	16.70

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24-13-dec	08:21:00	761	19.3	18.6	-0.7	27	16.70
24-13-dec	08:22:00	761	19.3	18.6	-0.7	28	16.75
24-13-dec	08:23:00	761	19.4	18.7	-0.7	27	16.77
24-13-dec	08:24:00	761	19.4	18.7	-0.7	27	16.70
24-13-dec	08:25:00	761	19.4	18.6	-0.8	27	16.72
24-13-dec	08:26:00	761	19.4	18.6	-0.8	27	16.80
24-13-dec	08:27:00	760	19.4	18.6	-0.8	27	16.75
24-13-dec	08:28:00	760	19.4	18.6	-0.8	27	16.72
24-13-dec	08:29:00	761	19.4	18.6	-0.8	27	16.72
24-13-dec	08:30:00	761	19.4	18.7	-0.7	27	16.72
24-13-dec	08:31:00	760	19.5	18.6	-0.9	27	16.70
24-13-dec	08:32:00	761	19.5	18.7	-0.8	27	16.72
24-13-dec	08:33:00	761	19.5	18.7	-0.8	27	16.72
24-13-dec	08:34:00	760	19.4	18.7	-0.7	27	16.72
24-13-dec	08:35:00	761	19.5	18.6	-0.9	27	16.70
24-13-dec	08:36:00	761	19.6	18.7	-0.9	27	16.70
24-13-dec	08:37:00	761	19.5	18.7	-0.8	27	16.70
24-13-dec	08:38:00	761	19.6	18.7	-0.9	27	16.70
24-13-dec	08:39:00	761	19.6	18.8	-0.8	27	16.72
24-13-dec	08:40:00	761	19.5	18.7	-0.8	27	16.67
24-13-dec	08:41:00	760	19.6	18.7	-0.9	27	16.72
24-13-dec	08:42:00	761	19.6	18.8	-0.8	27	16.70
24-13-dec	08:43:00	761	19.6	18.7	-0.9	27	16.67
24-13-dec	08:44:00	761	19.5	18.7	-0.8	27	16.70
24-13-dec	08:45:00	761	19.7	18.7	-1.0	27	16.75
24-13-dec	08:46:00	761	19.7	18.8	-0.9	27	16.72
24-13-dec	08:47:00	761	19.7	18.7	-1.0	27	16.70
24-13-dec	08:48:00	761	19.6	18.7	-0.9	27	16.77
24-13-dec	08:49:00	761	19.8	18.8	-1.0	27	16.72
24-13-dec	08:50:00	761	19.8	18.8	-1.0	27	16.72
24-13-dec	08:51:00	760	19.8	18.8	-1.0	27	16.70
24-13-dec	08:52:00	761	19.7	18.9	-0.8	27	16.72
24-13-dec	08:53:00	761	19.8	18.8	-1.0	28	16.75
24-13-dec	08:54:00	761	19.7	18.9	-0.8	27	16.72
24-13-dec	08:55:00	761	19.7	18.9	-0.8	27	16.70
24-13-dec	08:56:00	761	19.7	18.9	-0.8	27	16.72
24-13-dec	08:57:00	761	19.7	18.9	-0.8	27	16.72
24-13-dec	08:58:00	761	19.7	19.0	-0.7	27	16.72
24-13-dec	08:59:00	760	19.8	19.0	-0.8	27	16.72
24-13-dec	09:00:00	761	19.8	18.9	-0.9	27	16.72
24-13-dec	09:01:00	761	19.9	19.0	-0.9	27	16.72
24-13-dec	09:02:00	761	19.9	19.0	-0.9	28	16.70
24-13-dec	09:03:00	760	20.0	19.0	-1.0	28	16.75
24-13-dec	09:04:00	761	20.0	19.0	-1.0	27	16.67
24-13-dec	09:05:00	760	20.0	19.2	-0.8	27	16.70
24-13-dec	09:06:00	761	19.9	19.1	-0.8	27	16.70
24-13-dec	09:07:00	761	20.0	19.2	-0.8	27	16.70
24-13-dec	09:08:00	761	20.0	19.2	-0.8	27	16.72
24-13-dec	09:09:00	760	20.0	19.2	-0.8	27	16.75
24-13-dec	09:10:00	761	20.0	19.2	-0.8	27	16.72
24-13-dec	09:11:00	760	20.0	19.2	-0.8	28	16.72
24-13-dec	09:12:00	761	20.1	19.3	-0.8	27	16.72
24-13-dec	09:13:00	761	20.2	19.4	-0.8	27	16.75
24-13-dec	09:14:00	761	20.3	19.3	-1.0	27	16.70
24-13-dec	09:15:00	761	20.4	19.4	-1.0	27	16.75
24-13-dec	09:16:00	760	20.5	19.4	-1.1	27	16.75

24-13-dec	09:17:00	761	20.5	19.5	-1.0	27	16.70
24-13-dec	09:18:00	761	20.5	19.6	-0.9	27	16.70
24-13-dec	09:19:00	761	20.5	19.6	-1.0	27	16.72
24-13-dec	09:20:00	760	20.8	19.5	-1.3	27	16.72
24-13-dec	09:21:00	761	20.5	19.6	-1.0	27	16.72
24-13-dec	09:22:00	761	20.6	19.7	-0.9	27	16.72
24-13-dec	09:23:00	761	20.7	19.7	-1.0	27	16.70
24-13-dec	09:24:00	761	20.8	19.7	-1.1	27	16.72
24-13-dec	09:25:00	761	20.6	19.8	-0.8	27	16.67
24-13-dec	09:26:00	761	20.7	19.8	-0.9	27	16.72
24-13-dec	09:27:00	761	20.8	19.9	-0.9	27	16.70
24-13-dec	09:28:00	761	20.8	19.9	-0.9	28	16.75
24-13-dec	09:29:00	761	20.8	19.9	-0.9	27	16.72
24-13-dec	09:30:00	760	21.0	19.9	-1.1	27	16.72
24-13-dec	09:31:00	761	21.0	20.0	-1.0	27	16.67
24-13-dec	09:32:00	761	21.0	20.0	-1.0	27	16.72
24-13-dec	09:33:00	761	21.0	20.1	-0.9	27	16.72
24-13-dec	09:34:00	761	21.0	20.1	-0.9	27	16.72
24-13-dec	09:35:00	761	21.0	20.1	-0.9	27	16.72
24-13-dec	09:36:00	761	21.0	20.2	-0.8	27	16.70
24-13-dec	09:37:00	761	21.2	20.2	-1.0	27	16.72
24-13-dec	09:38:00	761	21.1	20.2	-0.9	27	16.72
24-13-dec	09:39:00	761	21.2	20.3	-0.9	27	16.72
24-13-dec	09:40:00	761	21.1	20.3	-0.8	27	16.72
24-13-dec	09:41:00	760	21.1	20.3	-0.8	27	16.72
24-13-dec	09:42:00	761	21.2	20.4	-0.8	27	16.70
24-13-dec	09:43:00	761	21.2	20.4	-0.8	27	16.70
24-13-dec	09:44:00	761	21.2	20.4	-0.8	27	16.72
24-13-dec	09:45:00	760	21.2	20.4	-0.8	27	16.72
24-13-dec	09:46:00	761	21.4	20.5	-0.9	27	16.70
24-13-dec	09:47:00	761	21.4	20.6	-0.8	27	16.72
24-13-dec	09:48:00	761	21.2	20.6	-0.6	27	16.67
24-13-dec	09:49:00	761	21.2	20.6	-0.6	27	16.72
24-13-dec	09:50:00	761	21.3	20.6	-0.7	27	16.67
24-13-dec	09:51:00	761	21.3	20.6	-0.7	27	16.70
24-13-dec	09:52:00	761	21.2	20.7	-0.5	27	16.70
24-13-dec	09:53:00	761	21.3	20.8	-0.5	27	16.70
24-13-dec	09:54:00	760	21.5	20.7	-0.8	27	16.72
24-13-dec	09:55:00	761	21.5	20.8	-0.7	27	16.72
24-13-dec	09:56:00	761	21.6	20.8	-0.8	27	16.70
24-13-dec	09:57:00	760	21.9	20.8	-0.7	27	16.70
24-13-dec	09:58:00	761	21.5	20.9	-0.6	27	16.72
24-13-dec	09:59:00	760	21.8	20.9	-0.7	27	16.67
24-13-dec	10:00:00	761	21.8	21.0	-0.6	27	16.70

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