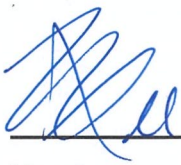
Development at West Kowloon Cultural District

Quarterly Environmental Monitoring and Audit (EM&A) Report (February 2025 – April 2025)

May 2025

This Quarterly EM&A Report has been reviewed and certified by the Environmental Team Leader (ETL) and verified by the Independent Environmental Checker (IEC).

Certified by:



Max Lee
Environmental Team Leader (ETL)
West Kowloon Cultural District Authority

Date 29 May 2025

Verified by:

Claudine Lee
Independent Environmental Checker (IEC)
Meinhardt Infrastructure & Environment Ltd

Date 30 May 2025

This Report Consists of:

Part-1: EM&A at Lyric Theatre Complex

and

Part-2: EM&A for ELS Works for The Integrated Basement and Underground Road in Zones 2A, 2B & 2C

Part-1: EM&A at Lyric Theatre Complex

MOTT MACDONALD

Development at West Kowloon Cultural District

Quarterly Environmental Monitoring and Audit (EM&A) Report (February 2025 - April 2025)

May 2025

Contents

Tables

Executive summary

This Quarterly EM&A Report presents the monitoring works at Lyric Theatre Complex conducted from 1 February 2025 to 30 April 2025. The construction works and EM&A programme for M+ Museum was commenced on 31 October 2015 and completed on 28 February 2021; while the construction works and EM&A programme for Lyric Theatre Complex (L1 and L2 Contracts) was commenced on 1 March 2016, and the EM&A programme for L1 Contract was completed on 30 June 2021.

The impact stage EM&A programme for the Project includes air quality, noise, water quality, waste, landscape and visual monitoring. The recommended environmental mitigation measures were implemented on site and regular inspections were carried out to ensure that the environmental conditions are acceptable.

The EM&A programme was carried out by the ET in accordance with the EM&A Manual requirements. It is concluded from the environmental monitoring and audit works that adequate environmental mitigation measures have been implemented by the contractors where appropriate in the reporting quarter.

Exceedance of Action and Limit Levels

There was no breach of Action and Limit levels for Air Quality (1-hour TSP and 24-hour TSP) and Noise in this reporting quarter.

Implementation of Mitigation Measures

Construction phase weekly site inspections were carried out to confirm the implementation measures undertaken by the Contractors in the reporting quarter. The status of implementation of mitigation measures during the reporting quarter is shown in **Appendix C**.

Landscape and visual impact inspections were conducted as part of the abovementioned weekly site inspections during the reporting quarter. No adverse comment on landscape and visual aspects were made during these inspections.

Record of Complaints

No complaint was received during the reporting quarter.

Record of Notifications of Summons and Successful Prosecutions

No notifications of summons and successful prosecutions were recorded in the reporting quarter.

1 Introduction

1.1 Background

Mott MacDonald Hong Kong Limited (MMHK) was commissioned to undertake the Environmental Team (ET) services (including environmental monitoring and audit (EM&A)) for the construction of M+ Museum Main Works (Contract No.: CC/2015/3A/022) and Lyric Theatre Complex including the Foundation Works (Contract No.: CC/2015/3A/014), L1 Contract (Contract No. CC/2017/3A/030) and L2 Contract (Contract No. CC/2017/3A/031) at West Kowloon Cultural District (WKCD) (The Project) as part of the WKCD development. The Project Proponent is the West Kowloon Cultural District Authority (WKCDA). The construction works and EM&A programme for M+ Museum was commenced on 31 October 2015 and completed on 28 February 2021; while the construction works and EM&A programme for Lyric Theatre Complex (L1 and L2 Contracts) was commenced on 1 March 2016, and the EM&A programme for L1 Contract was completed on 30 June 2021.

The overall works for the WKCD fall under two separate categories of Designated Project (DP) of the Environmental Impact Assessment Ordinance (EIAO), namely an "engineering feasibility study of urban development projects with a study area covering more than 20 ha or involving a total population of more than 100 000" (Item 1 of Schedule 3) and "an underpass more than 100m in length under the built areas" (Item A.9, Part I, Schedule 2). An Environmental Permit No. EP-453/2013/B (EP) was issued with respect to the "Underpass Road and Austin Road Flyover Serving the West Kowloon Cultural District" which specifically includes the abovementioned category of DP under Item A.9, Part I, Schedule 2 of the EIAO. The captioned projects include part of the abovementioned underpass road located within the site boundary also falls under this same category.

The M+ museum development aims to provide an iconic presence for the M+ museum, semi-transparent vertical plane, housing education facilities, a public restaurant and museum offices. At ground and lower levels, generous access will be provided to the park and other West Kowloon Cultural District facilities, alongside a public resource centre, theatres, retail and dining, and back-of-house functions.

The Lyric Theatre Complex (now known as "the WestK Performing Arts Centre") will comprise a 1,450-seat Grand Theatre, a 600-seat Medium Theatre and a 270-seat Studio Theatre. The complex will also house extensive rehearsal facilities and a Resident Company Centre that will serve as an exploration, development and collaboration hub for dance companies and artists in Hong Kong.

The Quarterly EM&A Report is prepared in accordance with the Clause 3.4 of the Environmental Permit No. EP-453/2013/B. This Quarterly EM&A Report presents the monitoring works conducted from 1 February 2025 to 30 April 2025. The purpose of this report is to summarise the findings in the EM&A of the project over the reporting period.

1.2 Project Organisation

The organisation chart and lines of communication with respect to the on-site environmental management structure together with the contact information of the key personnel are shown in **Appendix A**.

1.3 Status of Construction Works in the Reporting Period

During the reporting period, construction works at L2 undertaken include:

- LTC construction
  - ABWF works
  - Façade work
  - MEP works
- ASDA and Lyric Theatre Promenade
  - Defects rectification
  - Excavation and backfilling
- DCS cofferdam
  - Backfilling
  - Construction of cable draw pits
  - Excavation works
  - Sheet piling
- Extended basement
  - MEP works
  - Power cabling

The Construction Works Programme of the Project is provided in **Appendix B**. A layout plan of the Project is provided in **Figure 1**.

2 Summary of EM&A Requirements and Mitigation Measures

2.1 Monitoring Requirements

In accordance with the EM&A Manual, environmental parameters including air quality, noise, landscape and visual have been monitored. The specific parameters, monitoring frequency and the respective Action and Limit levels are given in **Table 2.1**. Locations of the monitoring stations are provided in **Figure 1**.

Table 2.1: Summary of Impact EM&A Requirements

Parameters	Descriptions	Locations	Frequencies	Action level	Limit level
Air Quality	24-Hour TSP	AM1 - International Commerce Centre	At least once every 6 days	143.6 μg/m^3	260 μg/m^3
	1-Hour TSP	AM1 - International Commerce Centre	At least 3 times every 6 days	273.7 μg/m^3	500 μg/m^3
	24-Hour TSP	AM2 - The Harbourside Tower 1	At least once every 6 days	151.1 μg/m^3	260 μg/m^3
	1-Hour TSP	AM2 - The Harbourside Tower 1	At least 3 times every 6 days	274.2 μg/m^3	500 μg/m^3
Noise	Leq, 30 minutes	NM1- The Harbourside Tower 1	Weekly	When one documented complaint is received from any one of the sensitive receivers	75 dB(A)
Landscape & Visual	Monitor implementation of proposed mitigation measures during the construction stage	As described in Table 9.1 and 9.2 of the EM&A Manual	Bi-weekly	N/A	N/A

In the context of the monitoring activities at M+ Museum and the Lyric Complex, three monitoring stations had been considered, including AM1 (International Commerce Centre), AM2 (The Harbourside Tower 1) for air monitoring, and NM1 (The Harbourside Tower 1) for noise monitoring. Other monitoring locations were so far away from M+ Museum and the Lyric Complex and could not be representative for impact monitoring.

The Harbourside management office formally rejected our proposal of setting up air quality and noise monitoring equipment on its premises at the podium level of Tower 1 (AM2/NM1) on 10 November 2015. Nevertheless, a suitable air quality monitoring location at AM2 was identified on the ground floor in front of The Harbourside Tower 1, which is at the same location as that of baseline monitoring for consistency. No management approval is required on the ground floor for conducting the air monitoring. However, the electricity supply at AM2 was suspended from 31 August 2016. In order to have a more secure electricity supply, an alternative air monitoring

location (AM2A) was identified at Austin Road West opposite to The Harbourside Tower 1, which is close to Lyric Theatre Complex site entrance. This alternative air monitoring location was approved by EPD on 28 September 2016. Due to the works programme, the air monitoring location AM2A has been relocated to the alternative monitoring location AM2B at the 1st floor of Gammon's site office, which was approved by EPD on 21 February 2019. In view of the upcoming construction works to be undertaken at the air monitoring station AM2B, AM2B was no longer available for conducting the impact air quality monitoring. Hence, an alternative air monitoring location was identified on the ground floor in front of The Harbourside Tower 1 (AM2) which is at the same location as the baseline monitoring and this previously approved monitoring location had also been used for the EM&A Programme from November 2015 to August 2016, the relocation was approved by EPD on 27 May 2021.

Alternative noise monitoring location was identified at The Arch (NM2); however, The Arch management office formally rejected our proposal of setting up noise monitoring equipment on its premises on 23 November 2015. On the other hand, noise monitoring at G/F of Harbourside could not be representative. However, approval from the management office of the International Commerce Centre has been granted on 29 February 2016 for conducting noise monitoring at the alternative noise monitoring location identified at the podium floor (NM1A) which is free from screening to the construction activities.

In short, 2 air quality monitoring stations and 1 noise impact monitoring station were confirmed for the impact monitoring.

2.2 Environmental Mitigation Measures

Environmental mitigation measures have been recommended in the EM&A Manual. Summary of implementation status of the environmental mitigation measures is provided in **Appendix C**.

3 Summary of EM&A Results

3.1 Monitoring Data

Impact monitoring has been conducted in the reporting quarter. Meteorological data for the reporting quarter have been extracted from Hong Kong Observatory and presented in **Appendix D**. Monitoring data with graphical presentation for the reporting quarter are shown in **Appendix E**. A summary on the monitoring results is presented in **Table 3.1**.

Table 3.1: Summary of Monitoring Data

Parameter	Monitoring Location	Minimum	Maximum	Average
Air Quality				
1 hour TSP	AM1	17	48	29
	AM2	25	62	41
24 hour TSP	AM1	8	45	17
	AM2	18	53	31
Construction Noise				
Leq(30min)	NM1A	62	64	63

3.2 Monitoring Exceedances

Summary of the exceedances in the reporting quarter is tabulated in **Table 3.2**.

Table 3.2: Summary of Exceedances

Monitoring Station	Parameter	No. of Exceedance		Action Taken
		Action Level	Limit Level	
Air Quality				
AM1	1 hour TSP	0	0	N/A
	24 hour TSP	0	0	N/A
AM2	1 hour TSP	0	0	N/A
	24 hour TSP	0	0	N/A
Construction Noise				
NM1A	Leq(30min)	0	0	N/A

3.2.1 1-hour TSP Monitoring

All 1-hour TSP monitoring was conducted as scheduled in the reporting quarter. No Action/ Limit Level exceedance was recorded.

3.2.2 24-hour TSP Monitoring

All 24-hour TSP monitoring was conducted as scheduled in the reporting quarter. No Action/ Limit Level exceedance was recorded.

3.2.3 Construction Noise Monitoring

All construction noise monitoring was conducted as scheduled in the reporting quarter. No Action/ Limit Level exceedance was recorded.

3.2.4 Landscape and Visual Monitoring

All landscape and visual impact inspections were conducted as scheduled in the reporting quarter. No adverse comment on landscape and visual aspects were recorded.

4 Waste Management

4.1 Lyric Theatre Complex

As advised by the Contractor (L2 Contract), 2,005.4 tonnes, 990.4 tonnes and 0.0 tonne of inert C&D material were disposed of as public fill to Tseung Kwan O Area 137, Tuen Mun Area 38, and Chai Wan Public Fill Barging Point respectively in the reporting quarter, while 1,757.1 tonnes of general refuse were disposed of at SENT and WENT landfill. 0.0 tonne of metals, 0.6 tonnes of paper/cardboard packaging, 0.0 tonne of plastic and 0.0 tonne of timber were collected by recycling contractors in the reporting quarter. 0.0 tonne of inert C&D materials was reused on site. 0.0 tonne of fill materials was imported for use at site and 0.0 tonne of inert C&D materials was reused in other projects. 0.0 tonne of inert C&D materials were disposed to sorting facility and 0.0 tonne of chemical waste were collected by licensed contractors in the reporting quarter.

The actual amount of different types of waste generated by the activities of construction works at Lyric Theatre Complex in the reporting quarter are shown in **Appendix F**.

5 Environmental Non-conformance

There was no breach of Action or Limit levels for Air Quality (1-hour TSP and 24-hour TSP) and Noise in the reporting quarter.

No complaint was received in the reporting quarter.

No notifications of summons and successful prosecutions were received in the reporting quarter.

The cumulative statistics on complaints, notifications of summons and successful prosecutions were provided in **Appendix G**.

6 Comments, Recommendations and Conclusion

6.1 Comments

Based on the observations made during site audits, landscape inspections, and construction dust and noise monitoring results, no non-compliances and exceedances of air quality and noise were recorded in the reporting quarter.

6.2 Recommendations

Reviewing the implementation of the recommended mitigation measures in the EM&A Manual, it was observed that they were effective and efficient in controlling the potential impacts due to construction of the project during the reporting period. Review of the effectiveness and efficiency of the EM&A programme will continue, and recommendations will be provided to remediate any potential impacts due to the project and to improve the EM&A programme if deficiencies of the existing EM&A programme are identified.

6.3 Conclusion

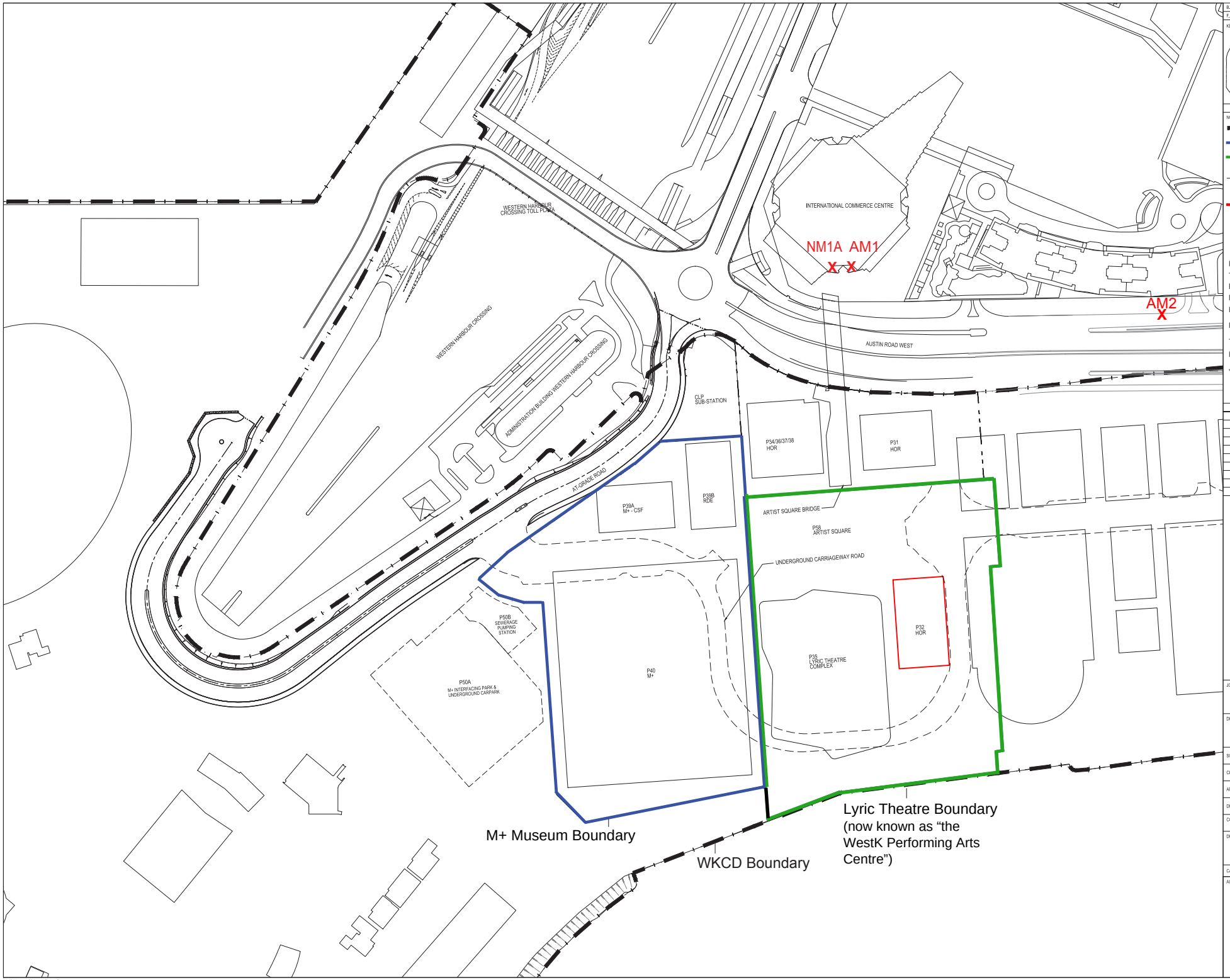
The EM&A programme as recommended in the EM&A Manual has been undertaken. The construction works and EM&A programme for M+ Museum was commenced on 31 October 2015 and completed on 28 February 2021; while the construction works and EM&A programme for Lyric Theatre Complex (L1 and L2 Contracts) was commenced on 1 March 2016, and the EM&A programme for L1 Contract was completed on 30 June 2021.

Monitoring of air quality and noise with respect to the Project is underway. In particular, the 1-hour TSP, 24-hour TSP and noise level (as Leq, 30 minutes) under monitoring have been checked against established Action and Limit levels. There was no breach of Action and Limit levels for Air Quality (1-hour TSP and 24-hour TSP) and Noise in this reporting quarter.

No complaint was received in the reporting quarter. No notifications of summons and successful prosecutions were received during the reporting quarter.

Weekly construction phase site inspections and bi-weekly landscape and visual impact inspections were conducted during the reporting quarter as required. It was observed that the Contractor had implemented all possible and feasible mitigation measures to mitigate the potential environmental impacts during construction phase works.

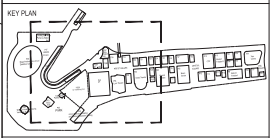
Figure 1 Site Layout Plan and Monitoring Stations



B.D. REF:

F.S.D. REF:

KEY PLAN



KEY PLAN

NOTES:

- WKCD BOUNDARY
- M+ MUSEUM BOUNDARY
- LYRIC THEATRE BOUNDARY
- BOUNDARY OF UNDERPASS ROAD SERVING THE PLANNED WKCD
- AREA HANDED OVER TO SUN HUNG KAI PROPERTIES
- X CONSTRUCTION AIR/NOISE MONITORING STATIONS

REMARKS 1:

THE AIR MONITORING STATION AM2B HAS BEEN RELOCATED TO THE ALTERNATIVE MONITORING STATION AM2 AT THE G/F OF HARBOURSIDE ON 1 JUNE 2021

REMARKS 2:

THE SITE P32 (DELINEATED IN RED) WAS HANDED OVER TO AST DEVELOPER ON 31 JANUARY 2023.

REV.	DATE	DESCRIPTION	INITIAL

JOB TITLE: **M+ MUSEUM FOR VISUAL CULTURE (MAIN CONTRACT WORKS) & LYRIC THEATRE COMPLEX**

DRAWING TITLE: **PROPOSED LOCATIONS OF CONSTRUCTION AIR/NOISE MONITORING STATIONS**

SCALE	1:100	PRINTED	A1
CHECKED		DATE	
APPROVED		DATE	
DRAWN		DATE	
CONTRACT NO.			

DRAWING NO.: **FIGURE 1** REV.: XA

CAD REF NAME: XXXXX-AUT-PMS-DWG-P00-L00D-0000-XXX.dwg

AUTHORITY

westKowloon 西九文化區

A1 (841mm x 594mm) Sheet Size

Appendices

A. Project Organisation
B. Construction Programme
C. Environmental Mitigation Measures – Implementation Status
D. Meteorological Data Extracted from Hong Kong Observatory
E. Graphical Plots of the Monitoring Results
F. Waste Flow table
G. Cumulative Statistics on Complaints, Notifications of Summons and Successful Prosecutions

A. Project Organisation

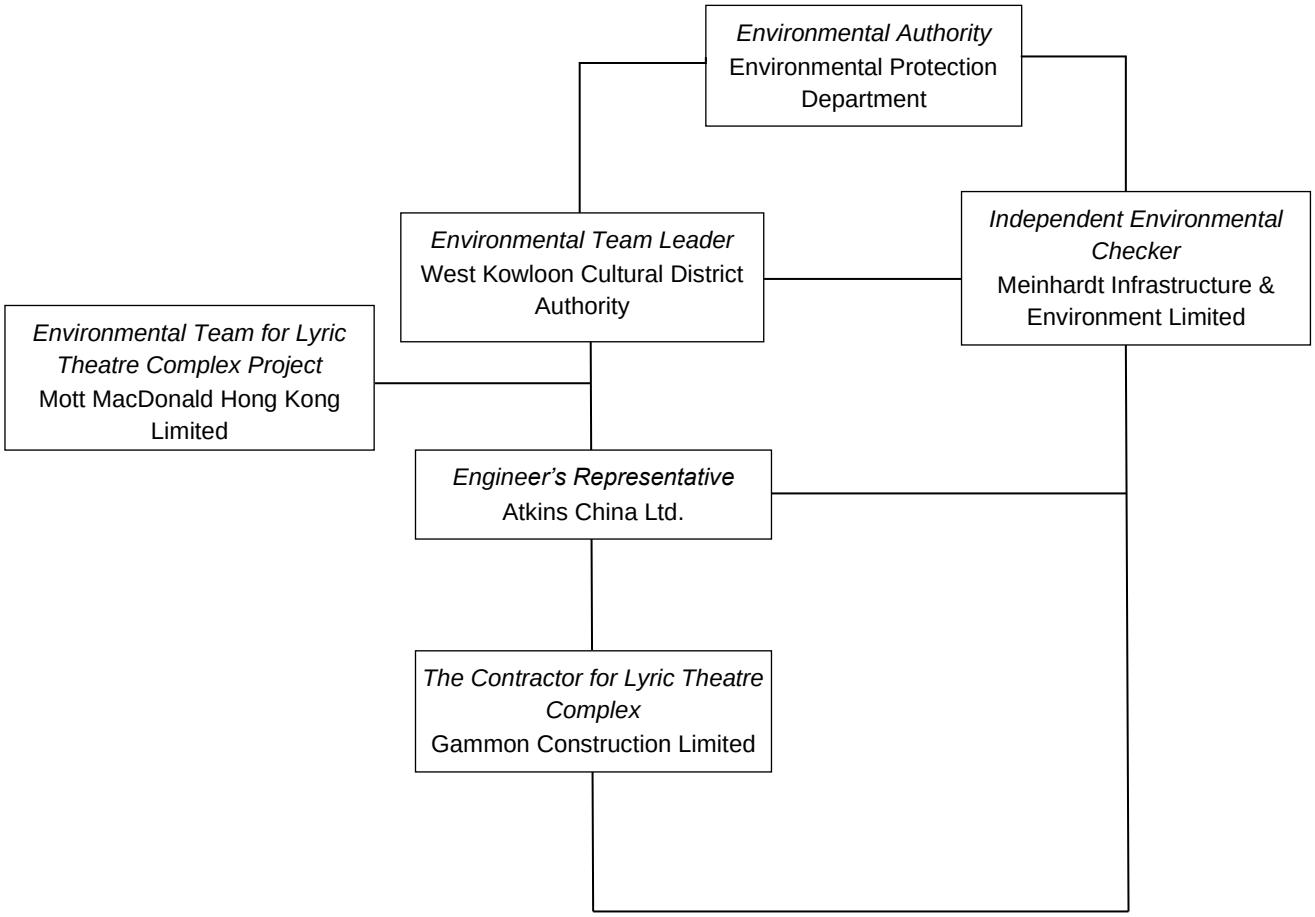


Table A-1: Contact information

Company Name	Role	Name	Telephone	Email
Atkins China Ltd.	Project Manager	Mr. Simha LytheRao	2204 8259	Simha.Lytherao@atkinsglobal.com
Meinhardt Infrastructure & Environment Limited	Independent Environmental Checker	Ms. Claudine Lee	2859 5409	claudinelee@meinhardt.com.hk
Gammon Construction Limited (L2)	Environmental Manager	Ms. Fiona Law	9156 7654	fiona.cm.law@gammonconstruction.com
Mott MacDonald Hong Kong Ltd.	Contractor's Environmental Team Leader	Mr. Thomas Chan	2828 5757	thomas.chan@mottmac.com
West Kowloon Cultural District Authority	Project Manager (Health, Safety and Environment)	Mr. Max Lee	2200 0782	max.sl.lee@wkcda.hk

B. Construction Programme

TASK filter: UPD: Summary Level 1 Prog.

ID	Activity	RD	EOT #1 Finish	Rev_3B START	Rev_3B FINISH	Current START	Current FINISH	EOT#1 VAR	R_3B VAR.	LM VAR	SUMM TF approx
*L2 CMWP_R_3_B - Rev_3B_12 2nd DRAFT [DD=31Jan25] ***L I V E***											
GENERAL & PRELIMINARIES											
Contract Significant Dates											
Commencement & Completion Dates - CMWP_Rev_01											
Section Keydates											
KD05A	Complete Pedestrian Access Corr. & Floor Finishes at AURW	0	28-Feb-21		12-Nov-21		12-Nov-21 A	-256	0	0	
KD05B	Complete Required Pedestrian Access Corridor & associated top slab at Avenue Level [if instructed]	0	14-Feb-21		12-Nov-21		12-Nov-21 A	-270	0	0	
KD05	PC for HO of the Remaining Works for M+ Promenade South	0	24-Aug-20		11-Sep-24		11-Jun-25*	-1752	-273	-29	-273
KD08	PC for HO Local ICT/Riser/SCR/TBE/MNO Rooms	0	09-Aug-23		07-Jan-26		05-Jul-26*	-1061	-179	-28	-179
KD10	PC for HO of ASDA, Lyric Theatre Promenade South to Authority	0	09-Aug-23		07-Jan-26		05-Jul-26*	-1061	-179	-28	-179
KD09	PC for HO of RDE areas for Tenancy Fit-out Wrks	0	09-Aug-23		07-Jan-26		05-Jul-26*	-1061	-179	-28	-179
KD11	PC for HO of Extended Basement for HO to Authority & HO of CW to Relev. Gov Authority	0	09-Aug-23		07-Jan-26		05-Jul-26*	-1061	-179	-28	-179
KD07	PRACTICAL COMPLETION for M+ Day 2 Works to the Authority	0	09-Aug-23		06-Feb-26		02-Aug-26*	-1089	-177	-29	-177
KD13	PRACTICAL COMPLETION for LT, EB & C'Way 3B (Including PPE)	0	06-Mar-24		07-Aug-26		02-Feb-27*	-1063	-179	-28	-179
Stage Keydates											
KD03	OBTAIN OP for Lyric Theatre & Extended Basement	0	10-Jun-23		07-Nov-25		05-May-26*	-1060	-179	-28	-179
KD01	Compl Dsgn Coor/Subm and obtn NNO for L1 Contr Bsmt constn wrks	0	20-Jul-19		20-Jul-19		20-Jul-19 A	0	0	0	
KD06	PC for Fountain Related Plantroom(s) (allow access to Project Contractor)	0	01-Apr-21		22-Sep-22		22-Sep-22 A	-538	0	0	
KD14	Complete all Necessary Works Incl. Integ_T&C along CW Z3a/Z3b for Rel_Authority Pre-Insp.	0	31-Jan-23		22-Nov-25		20-May-26*	-1205	-179	-28	-179
KD02	Obtain BA14 Acknowledge from BD for M+ Day2 A&A Works	0	10-Jun-23		06-Jan-26		02-Jul-26*	-1118	-177	-29	-177
CMWP - Summary Program - RSS											
SUM100	[LoE] CC_B - Lyric Theatre	466		02-May-20	22-Jan-26	02-May-20 A	27-Aug-26		-176	-23	131
SUM101	[LoE] CC_C - ASDA and Lyric Theatre Promenade	420		12-Apr-21	07-Jan-26	12-Apr-21 A	04-Jul-26		-143	-22	177
SUM102	[LoE] CC_D - Remaining Works for M+ Promenade South	104		26-May-22	11-Sep-24	26-May-22 A	11-Jun-25		-212	-24	-212
SUM103	[LoE] CC_E - DCS Cofferdam	0		07-Aug-20	04-Jul-24	07-Aug-20 A	30-Nov-24 A		-111	0	
SUM104	[LoE] CC_F - Modification to Existing Pump Cell	89		12-Oct-22	04-Dec-24	12-Oct-22 A	23-May-25		-133	1	-45
SUM105	[LoE] CC_G - Extended Basement	193		15-May-21	28-May-25	15-May-21 A	24-Sep-25		-100	-13	84
SUM106	[LoE] CC_H - Vibration Isolation Spring System Remaining as of 30Apr2020	0		14-Apr-20	06-Feb-21	14-Apr-20 A	06-Feb-21 A		0	0	
SUM107	[LoE] CC_I - Underpass and Associated Area	202		24-Feb-21	09-Jun-25	24-Feb-21 A	06-Oct-25		-100	-13	39
SUM108	[LoE] CC_J - M+ Day 2 Works	392		03-Jun-21	03-Dec-25	03-Jun-21 A	30-May-26		-142	-23	-116
SUM109	[LoE] CC_K - Water Main at Promenade	146		23-Apr-22	10-Jan-25	23-Apr-22 A	31-Jul-25		-161	0	-36
SUM110	[LoE] CC_N - Lifts & Escalators	84		16-Aug-21	30-Aug-25	16-Aug-21 A	17-May-25		88	-23	76
SUM111	[LoE] P32 Interim Development	85		17-May-21	14-Feb-25	17-May-21 A	19-May-25		-74	-23	338
SUM112	[LoE] Project Wide Stat. Inspections & Approval [LTC&EB FSD & BD Summary LTC/EB_3B & 3A)]	146		14-Jul-25	06-Jan-26	02-Jan-26	02-Jul-26		-142	-23	-142

Gammon

Base Line ACT
EOT#1 CD
Base Line MS
Milestone
Current - Other Works
Current - Struct Works
Current - MEP Works

Legend:
RD = Remaining Duration; BL = Base Line; LoE = Level of Effort Activity Type; LM = Last Month; SUMM = Summary; TF = Total Float; VAR = Variance

L2 CMWP_R_3_B - Rev_3B_12 2nd DRAFT [DD=31Jan25] ***L I V E***

Date	Revision	Checked	Approved
17-Feb-25	CMWP Rev_3_B Jan25 Update	NS	IH

TASK filter: UPD: Summary Level 1 Prog.

ID	Activity	RD	EOT #1 Finish	Rev_3B START	Rev_3B FINISH	Current START	Current FINISH	EOT#1 VAR	R_3B VAR.	LM VAR	SUMM TF approx
*L2 CMWP_R_3_B - Rev_3B_13 2nd DRAFT [DD=28Feb25] ***L I V E****											
GENERAL & PRELIMINARIES											
Contract Significant Dates											
Commencement & Completion Dates - CMWP_Rev_01											
Section Keydates											
KD05A	Complete Pedestrian Access Corr. & Floor Finishes at AURW	0	28-Feb-21		12-Nov-21		12-Nov-21 A	-256	0	0	
KD05B	Complete Required Pedestrian Access Corridor & associated top slab at Avenue Level [if instructed]	0	14-Feb-21		12-Nov-21		12-Nov-21 A	-270	0	0	
KD05	PC for HO of the Remaining Works for M+ Promenade South	0	24-Aug-20		11-Sep-24		09-Jul-25*	-1780	-301	-28	-301
KD08	PC for HO Local ICT/Riser/SCR/TBE/MNO Rooms	0	09-Aug-23		07-Jan-26		28-Jun-26*	-1054	-172	7	-172
KD10	PC for HO of ASDA, Lyric Theatre Promenade South to Authority	0	09-Aug-23		07-Jan-26		28-Jun-26*	-1054	-172	7	-172
KD09	PC for HO of RDE areas for Tenancy Fit-out Wrks	0	09-Aug-23		07-Jan-26		28-Jun-26*	-1054	-172	7	-172
KD11	PC for HO of Extended Basement for HO to Authority & HO of CW to Relev. Gov Authority	0	09-Aug-23		07-Jan-26		28-Jun-26*	-1054	-172	7	-172
KD07	PRACTICAL COMPLETION for M+ Day 2 Works to the Authority	0	09-Aug-23		06-Feb-26		26-Jul-26*	-1082	-170	7	-170
KD13	PRACTICAL COMPLETION for LT, EB & C'Way 3B (Including PPE)	0	06-Mar-24		07-Aug-26		26-Jan-27*	-1056	-172	7	-172
Stage Keydates											
KD03	OBTAIN OP for Lyric Theatre & Extended Basement	0	10-Jun-23		07-Nov-25		28-Apr-26*	-1053	-172	7	-172
KD01	Compl Dsgn Coor/Subm and obtn NNO for L1 Contr Bsmt constn wrks	0	20-Jul-19		20-Jul-19		20-Jul-19 A	0	0	0	
KD06	PC for Fountain Related Plantroom(s) (allow access to Project Contractor)	0	01-Apr-21		22-Sep-22		22-Sep-22 A	-538	0	0	
KD14	Complete all Necessary Works Incl. Integ_T&C along CW Z3a/Z3b for Rel_Authority Pre-Insp.	0	31-Jan-23		22-Nov-25		14-May-26*	-1199	-173	6	-173
KD02	Obtain BA14 Acknowledge from BD for M+ Day2 A&A Works	0	10-Jun-23		06-Jan-26		25-Jun-26*	-1111	-170	7	-170
CMWP - Summary Program - RSS											
SUM100	[LoE] CC_B - Lyric Theatre	420		02-May-20	22-Jan-26	02-May-20 A	31-Jul-26		-153	23	148
SUM101	[LoE] CC_C - ASDA and Lyric Theatre Promenade	392		12-Apr-21	07-Jan-26	12-Apr-21 A	27-Jun-26		-138	5	176
SUM102	[LoE] CC_D - Remaining Works for M+ Promenade South	104		26-May-22	11-Sep-24	26-May-22 A	09-Jul-25		-235	-23	-235
SUM103	[LoE] CC_E - DCS Cofferdam	0		07-Aug-20	04-Jul-24	07-Aug-20 A	30-Nov-24 A		-111	0	
SUM104	[LoE] CC_F - Modification to Existing Pump Cell	89		12-Oct-22	04-Dec-24	12-Oct-22 A	20-Jun-25		-156	-23	337
SUM105	[LoE] CC_G - Extended Basement	188		15-May-21	28-May-25	15-May-21 A	17-Oct-25		-118	-18	66
SUM106	[LoE] CC_H - Vibration Isolation Spring System Remaining as of 30Apr2020	0		14-Apr-20	06-Feb-21	14-Apr-20 A	06-Feb-21 A		0	0	
SUM107	[LoE] CC_I - Underpass and Associated Area	197		24-Feb-21	09-Jun-25	24-Feb-21 A	28-Oct-25		-118	-18	21
SUM108	[LoE] CC_J - M+ Day 2 Works	364		03-Jun-21	03-Dec-25	03-Jun-21 A	25-May-26		-137	5	-111
SUM109	[LoE] CC_K - Water Main at Promenade	129		23-Apr-22	10-Jan-25	23-Apr-22 A	07-Aug-25		-167	-6	-42
SUM110	[LoE] CC_N - Lifts & Escalators	84		16-Aug-21	30-Aug-25	16-Aug-21 A	14-Jun-25		65	-23	53
SUM111	[LoE] P32 Interim Development	84		17-May-21	14-Feb-25	17-May-21 A	14-Jun-25		-96	-22	316
SUM112	[LoE] Project Wide Stat. Inspections & Approval [LTC&EB FSD & BD Summary LTC/EB_3B & 3A)]	146		14-Jul-25	06-Jan-26	24-Dec-25	25-Jun-26		-137	5	-137

Gammon

Base Line ACT
EOT#1 CD
Base Line MS
Milestone
Current - Other Works
Current - Struct Works
Current - MEP Works

Legend:
RD = Remaining Duration; BL = Base Line; LoE = Level of Effort Activity Type; LM = Last Month; SUMM = Summary; TF = Total Float; VAR = Variance

L2 CMWP_R_3_B - Rev_3B_13 2nd DRAFT [DD=28Feb25] ***L I V E***

Date	Revision	Checked	Approved
14-Mar-25	CMWP Rev_3_B Feb25 Update	NS	IH

L2-CMWP-R_3_B_14
L2 CMWP_R_3_B - Rev_3B_14 2nd DRAFT
[DD=31Mar25] ***L I V E***

TASK filter: UPD: Summary Level 1 Prog.

ID	Activity	RD	EOT #1 Finish	Rev_3B START	Rev_3B FINISH	Current START	Current FINISH	EOT#1 VAR	R_3B VAR.	LM VAR	SUMM TF approx
*L2 CMWP_R_3_B - Rev_3B_14 2nd DRAFT [DD=31Mar25] ***L I V E****											
GENERAL & PRELIMINARIES											
Contract Significant Dates											
Commencement & Completion Dates - CMWP_Rev_01											
Section Keydates											
KD05A	Complete Pedestrian Access Corr. & Floor Finishes at AURW	0	28-Feb-21		12-Nov-21		12-Nov-21 A	-256	0	0	
KD05B	Complete Required Pedestrian Access Corridor & associated top slab at Avenue Level [if instructed]	0	14-Feb-21		12-Nov-21		12-Nov-21 A	-270	0	0	
KD05	PC for HO of the Remaining Works for M+ Promenade South	0	24-Aug-20		11-Sep-24		08-Aug-25*	-1810	-331	-30	-331
KD08	PC for HO Local ICT/Riser/SCR/TBE/MNO Rooms	0	09-Aug-23		07-Jan-26		28-Jun-26*	-1054	-172	0	-172
KD10	PC for HO of ASDA, Lyric Theatre Promenade South to Authority	0	09-Aug-23		07-Jan-26		28-Jun-26*	-1054	-172	0	-172
KD09	PC for HO of RDE areas for Tenancy Fit-out Wrks	0	09-Aug-23		07-Jan-26		28-Jun-26*	-1054	-172	0	-172
KD11	PC for HO of Extended Basement for HO to Authority & HO of CW to Relev. Gov Authority	0	09-Aug-23		07-Jan-26		28-Jun-26*	-1054	-172	0	-172
KD07	PRACTICAL COMPLETION for M+ Day 2 Works to the Authority	0	09-Aug-23		06-Feb-26		26-Jul-26*	-1082	-170	0	-170
KD13	PRACTICAL COMPLETION for LT, EB & C'Way 3B (Including PPE)	0	06-Mar-24		07-Aug-26		26-Jan-27*	-1056	-172	0	-172
Stage Keydates											
KD03	OBTAIN OP for Lyric Theatre & Extended Basement	0	10-Jun-23		07-Nov-25		28-Apr-26*	-1053	-172	0	-172
KD01	Compl Dsgn Coor/Subm and obtn NNO for L1 Contr Bsmt constn wrks	0	20-Jul-19		20-Jul-19		20-Jul-19 A	0	0	0	
KD06	PC for Fountain Related Plantroom(s) (allow access to Project Contractor)	0	01-Apr-21		22-Sep-22		22-Sep-22 A	-538	0	0	
KD14	Complete all Necessary Works Incl. Integ_T&C along CW Z3a/Z3b for Rel_Authority Pre-Insp.	0	31-Jan-23		22-Nov-25		14-May-26*	-1199	-173	0	-173
KD02	Obtain BA14 Acknowledge from BD for M+ Day2 A&A Works	0	10-Jun-23		06-Jan-26		25-Jun-26*	-1111	-170	0	-170
CMWP - Summary Program - RSS											
SUM100	[LoE] CC_B - Lyric Theatre	394		02-May-20	22-Jan-26	02-May-20 A	31-Jul-26		-153	0	148
SUM101	[LoE] CC_C - ASDA and Lyric Theatre Promenade	366		12-Apr-21	07-Jan-26	12-Apr-21 A	27-Jun-26		-138	0	176
SUM102	[LoE] CC_D - Remaining Works for M+ Promenade South	104		26-May-22	11-Sep-24	26-May-22 A	08-Aug-25		-261	-26	-261
SUM103	[LoE] CC_E - DCS Cofferdam	0		07-Aug-20	04-Jul-24	07-Aug-20 A	30-Nov-24 A		-111	0	
SUM104	[LoE] CC_F - Modification to Existing Pump Cell	89		12-Oct-22	04-Dec-24	12-Oct-22 A	22-Jul-25		-182	-26	311
SUM105	[LoE] CC_G - Extended Basement	192		15-May-21	28-May-25	15-May-21 A	22-Nov-25		-148	-30	36
SUM106	[LoE] CC_H - Vibration Isolation Spring System Remaining as of 30Apr2020	0		14-Apr-20	06-Feb-21	14-Apr-20 A	06-Feb-21 A		0	0	
SUM107	[LoE] CC_I - Underpass and Associated Area	186		24-Feb-21	09-Jun-25	24-Feb-21 A	15-Nov-25		-133	-15	6
SUM108	[LoE] CC_J - M+ Day 2 Works	338		03-Jun-21	03-Dec-25	03-Jun-21 A	25-May-26		-137	0	-111
SUM109	[LoE] CC_K - Water Main at Promenade	120		23-Apr-22	10-Jan-25	23-Apr-22 A	27-Aug-25		-184	-17	-59
SUM110	[LoE] CC_N - Lifts & Escalators	58		16-Aug-21	30-Aug-25	16-Aug-21 A	14-Jun-25		65	0	53
SUM111	[LoE] P32 Interim Development	84		17-May-21	14-Feb-25	17-May-21 A	16-Jul-25		-122	-26	290
SUM112	[LoE] Project Wide Stat. Inspections & Approval [LTC&EB FSD & BD Summary LTC/EB_3B & 3A)]	146		14-Jul-25	06-Jan-26	24-Dec-25	25-Jun-26		-137	0	-137

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L2 CMWP_R_3_B - Rev_3B_14 2nd DRAFT [DD=31Mar25] ***L I V E***

Date	Revision	Checked	Approved
14-Apr-25	CMWP Rev_3_B Mar25 Update	NS	IH

C. Environmental Mitigation Measures – Implementation Status

Table C-1: Environmental Mitigation Measures Implementation Status

EM&A Ref.	Recommendation Measures	Implementation Stage L2 Feb 2025	Mar 2025	Apr 2025
Air Quality Impact (Construction)				
2.1 & 10.3.1	**General Dust Control Measures** Frequent water spraying for active construction areas (12 times a day or once every one hour), including Heavy construction activities such as construction of buildings or roads, drilling, ground excavation, cut and fill operations (i.e., earth moving)	✓	✓	✓
2.1 & 10.3.1	**Best Practice For Dust Control** The relevant best practices for dust control as stipulated in the Air Pollution Control (construction Dust) Regulation should be adopted to further reduce the construction dust impacts from the Project. These best practices include:			
	Good Site Management			
	• Good site management is important to help reducing potential air quality impact down to an acceptable level. As a general guide, the Contractor should maintain high standard of housekeeping to prevent emission of fugitive dust. Loading, unloading, handling and storage of raw materials, wastes or by-products should be carried out in a manner so as to minimise the release of visible dust emission. Any piles of materials accumulated on or around the work areas should be cleaned up regularly. Cleaning, repair and maintenance of all plant facilities within the work areas should be carried out in a manner minimising generation of fugitive dust emissions. The material should be handled properly to prevent fugitive dust emission before cleaning.	✓	✓	Obs Rem
	Disturbed Parts of the Roads			
	• Each and every main temporary access should be paved with concrete, bituminous hardcore materials or metal plates and kept clear of dusty materials; or	✓	✓	✓
	• Unpaved parts of the road should be sprayed with water or a dust suppression chemical so as to keep the entire road surface wet.	✓	✓	✓
	Exposed Earth			
	• Exposed earth should be properly treated by compaction, hydroseeding, vegetation planting or seating with latex, vinyl, bitumen within six months after the last construction activity on the site or part of the site where the exposed earth lies.	N/A	N/A	N/A
	Loading, Unloading or Transfer of Dusty Materials			

EM&A Ref.	Recommendation Measures	Implementation Stage L2 Feb 2025	Mar 2025	Apr 2025
	• All dusty materials should be sprayed with water immediately prior to any loading or transfer operation so as to keep the dusty material wet.	✓	✓	✓
	Debris Handling			
	• Any debris should be covered entirely by impervious sheeting or stored in a debris collection area sheltered on the top and the three sides.	✓	✓	✓
	• Before debris is dumped into a chute, water should be sprayed so that it remains wet when it is dumped.	✓	✓	✓
	Transport of Dusty Materials			
	• Vehicle used for transporting dusty materials/spoils should be covered with tarpaulin or similar material. The cover should extend over the edges of the sides and tailboards.	✓	✓	✓
	Wheel washing			
	• Vehicle wheel washing facilities should be provided at each construction site exit. Immediately before leaving the construction site, every vehicle should be washed to remove any dusty materials from its body and wheels.	✓	✓	✓
	Use of vehicles			
	• The speed of the trucks within the site should be controlled to about 10km/hour in order to reduce adverse dust impacts and secure the safe movement around the site.	✓	✓	✓
	• Immediately before leaving the construction site, every vehicle should be washed to remove any dusty materials from its body and wheels.	✓	✓	✓
	• Where a vehicle leaving the construction site is carrying a load of dusty materials, the load should be covered entirely by clean impervious sheeting to ensure that the dusty materials do not leak from the vehicle.	✓	✓	✓
	Site hoarding			
	• Where a site boundary adjoins a road, street, service lane or other area accessible to the public, hoarding of not less than 2.4m high from ground level should be provided along the entire length of that portion of the site boundary except for a site entrance or exit.	✓	✓	✓
2.1 & 10.3.1	**Best Practicable Means for Cement Works (Concrete Batching Plant)** The relevant best practices for dust control as stipulated in the Guidance Note on the Best Practicable Means for Cement Works (Concrete Batching Plant) BPM 3/2(93) should be followed and implemented to further reduce the construction dust impacts of the Project. These best practices include: Exhaust from Dust Arrestment Plant			

EM&A Ref.	Recommendation Measures	Implementation Stage L2 Feb 2025	Mar 2025	Apr 2025
	• Wherever possible the final discharge point from particulate matter arrestment plant, where is not necessary to achieve dispersion from residual pollutants, should be at low level to minimise the effect on the local community in the case of abnormal emissions and to facilitate maintenance and inspection	N/A	N/A	N/A
	Emission Limits			
	• All emissions to air, other than steam or water vapour, shall be colourless and free from persistent mist or smoke	N/A	N/A	N/A
	Engineering Design/Technical Requirements			
	• As a general guidance, the loading, unloading, handling and storage of fuel, raw materials, products, wastes or by-products should be carried out in a manner so as to prevent the release of visible dust and/or other noxious or offensive emissions	N/A	N/A	N/A
	Non-Road Mobile Machinery (NRMM):			
	All NRMMs operating on-site which are subject to emission control of Air Pollution Control (Non-road Mobile Machinery) (Emission) Regulation are approved/exempted (as the case may be) and affixed with the requisite approval/exemption labels.	✓	✓	✓
Noise Impact (Construction)				
3.1 & 10.4.1	**Good Site Practice**			
	Good site practice and noise management can significantly reduce the impact of construction site activities on nearby NSRs. The following package of measures should be followed during each phase of construction:			
	• only well-maintained plant to be operated on-site and plant should be serviced regularly during the construction works;	✓	✓	✓
	• machines and plant that may be in intermittent use to be shut down between work periods or should be throttled down to a minimum	✓	✓	✓
	• plant known to emit noise strongly in one direction, should, where possible, be orientated to direct noise away from the NSRs;	✓	✓	✓
	• mobile plant should be sited as far away from NSRs as possible; and	✓	✓	✓
	• material stockpiles and other structures to be effectively utilised, where practicable, to screen noise from on-site construction activities.	✓	✓	✓
	Adoption of Quieter PME			

EM&A Ref.	Recommendation Measures	Implementation Stage L2 Feb 2025	Mar 2025	Apr 2025
3.1 & 10.4.1	The recommended quieter PME adopted in the assessment were taken from the EPD's QPME Inventory and "*Sound Power Levels of Other Commonly Used PME*" are presented in **Table 4.26** in the EIA report. It should be noted that the silenced PME selected for assessment can be found in Hong Kong.	✓	✓	✓
3.1 & 10.4.1	**Use of Movable Noise Barriers** Movable noise barriers can be very effective in screening noise from particular items of plant when constructing the Project. Noise barriers located along the active works area close to the noise generating component of a PME could produce at least 10 dB(A) screening for stationary plant and 5 dB(A) for mobile plant provided the direct line of sight between the PME and the NSRs is blocked.	✓	✓	✓
3.1 & 10.4.1	**Use of Noise Enclosure/ Acoustic Shed** The use of noise enclosure or acoustic shed is to cover stationary PME such as air compressor and concrete pump. With the adoption of the noise enclosure, the PME could be completely screened, and noise reduction of 15 dB(A) can be achieved according to the EIAO Guidance Note No. 9/2010.	✓	✓	✓
3.1 & 10.4.1	**Use of Noise Insulating Fabric** Noise insulating fabric can also be adopted for certain PME (e.g. drill rig, pilling machine etc). The fabric should be lapped such that there are no openings or gaps on the joints. According to the approved Tsim Sha Tsui Station Northern Subway EIA report (AEIAR-127/2008), a noise reduction of 10 dB(A) can be achieved for the PME lapped with the noise insulating fabric.	✓	✓	✓
3.1 & 10.4.1	**Scheduling of Construction Works outside School Examination Periods** During construction phase, the contractor should liaise with the educational institutions (including NSRs LCS and CRGPS) to obtain the examination schedule and avoid the noisy construction activities during school examination periods.	N/A	N/A	N/A

EM&A Ref.	Recommendation Measures	Implementation Stage L2 Feb 2025	Mar 2025	Apr 2025
Water Quality Impact (Construction)				
4.1 & 10.5.1	**Construction site runoff and drainage** The site practices outlined in ProPECC Note PN 1/94 should be followed as far as practicable in order to minimise surface runoff and the chance of erosion. The following measures are recommended to protect water quality and sensitive uses of the coastal area, and when properly implemented should be sufficient to adequately control site discharges so as to avoid water quality impacts:			
	• At the start of site establishment, perimeter cut-off drains to direct off-site water around the site should be constructed with internal drainage works and erosion and sedimentation control facilities implemented. Channels, earth bunds or sand bag barriers should be provided on site to direct storm water to silt removal facilities. The design of the temporary on-site drainage system should be undertaken by the WKCDA's Contractor prior to the commencement of construction;	✓	✓	✓
	• Sand/silt removal facilities such as sand/silt traps and sediment basins should be provided to remove sand/silt particles from runoff to meet the requirements of the TM standards under the WPCO. The design of efficient silt removal facilities should be based on the guidelines in Appendix A1 of ProPECC Note PN 1/94. Sizes may vary depending upon the flow rate. The detailed design of the sand/silt traps should be undertaken by the WKCDA's Contractor prior to the commencement of construction.	✓	✓	✓
	• All drainage facilities and erosion and sediment control structures should be regularly inspected and maintained to ensure proper and efficient operation at all times and particularly during rainstorms. Deposited silt and grit should be regularly removed, at the onset of and after each rainstorm to ensure that these facilities are functioning properly at all times.	Obs	Rem	✓
	• Measures should be taken to minimize the ingress of site drainage into excavations. If excavation of trenches in wet periods is necessary, they should be dug and backfilled in short sections wherever practicable. Water pumped out from foundation excavations should be discharged into storm drains via silt removal facilities.	✓	✓	✓

EM&A Ref.	Recommendation Measures	Implementation Stage L2 Feb 2025	Mar 2025	Apr 2025
	• All vehicles and plant should be cleaned before leaving a construction site to ensure no earth, mud, debris and the like is deposited by them on roads. An adequately designed and sited wheel washing facility should be provided at construction site exit where practicable. Wash-water should have sand and silt settled out and removed regularly to ensure the continued efficiency of the process. The section of access road leading to, and exiting from, the wheel-wash bay to the public road should be paved with sufficient backfall toward the wheel-wash bay to prevent vehicle tracking of soil and silty water to public roads and drains.	✓	✓	✓
	• Open stockpiles of construction materials or construction wastes on-site should be covered with tarpaulin or similar fabric during rainstorms. Measures should be taken to prevent the washing away of construction materials, soil, silt or debris into any drainage system.	✓	✓	✓
	• Manholes (including newly constructed ones) should be adequately covered and temporarily sealed so as to prevent silt, construction materials or debris being washed into the drainage system and stormwater runoff being directed into foul sewers.	✓	✓	✓
	• Precautions should be taken at any time of the year when rainstorms are likely. Actions should be taken when a rainstorm is imminent or forecasted and actions to be taken during or after rainstorms are summarized in Appendix A2 of ProPECC Note PN 1/94. Particular attention should be paid to the control of silty surface runoff during storm events, especially for areas located near steep slopes.	✓	✓	✓
	• Bentonite slurries used in piling or slurry walling should be reconditioned and reused wherever practicable. Temporary enclosed storage locations should be provided on-site for any unused bentonite that needs to be transported away after all the related construction activities are completed. The requirements in ProPECC Note PN 1/94 should be adhered to in the handling and disposal of bentonite slurries.	N/A	N/A	N/A
	Barging facilities and activities			
	Recommendations for good site practices during operation of the proposed barging point include:			
	• All vessels should be sized so that adequate clearance is maintained between vessels and the seabed in all tide conditions, to ensure that undue turbidity is not generated by turbulence from vessel movement or propeller wash;	N/A	N/A	N/A

EM&A Ref.	Recommendation Measures	Implementation Stage L2 Feb 2025	Mar 2025	Apr 2025
	• Loading of barges and hoppers should be controlled to prevent splashing of material into the surrounding water. Barges or hoppers should not be filled to a level that will cause the overflow of materials or polluted water during loading or transportation;	N/A	N/A	N/A
	• All hopper barges should be fitted with tight fitting seals to their bottom openings to prevent leakage of material; and	N/A	N/A	N/A
	• Construction activities should not cause foam, oil, grease, scum, litter or other objectionable matter to be present on the water within the site.	N/A	N/A	N/A
4.1 & 10.5.1	**Sewage effluent from construction workforce** Temporary sanitary facilities, such as portable chemical toilets, should be employed on-site where necessary to handle sewage from the workforce. A licensed contractor should be employed to provide appropriate and adequate portable toilets and be responsible for appropriate disposal and maintenance.	✓	✓	✓
4.1 & 10.5.1	**General construction activities** • Construction solid waste, debris and refuse generated on-site should be collected, handled and disposed of properly to avoid entering any nearby storm water drain. Stockpiles of cement and other construction materials should be kept covered when not being used.	✓	✓	✓
	• Oils and fuels should only be stored in designated areas which have pollution prevention facilities. To prevent spillage of fuels and solvents to any nearby storm water drain, all fuel tanks and storage areas should be provided with locks and be sited on sealed areas, within bunds of a capacity equal to 110% of the storage capacity of the largest tank. The bund should be drained of rainwater after a rain event.	Obs	Obs	Obs
Waste Management Implications (Construction)				
6.1 & 10.7.1	**Good Site Practices** Recommendations for good site practices during the construction activities include:			
	• Nomination of an approved person, such as a site manager, to be responsible for good site practices, arrangements for collection and effective disposal to an appropriate facility, of all wastes generated at the site	✓	✓	✓
	• Training of site personnel in proper waste management and chemical handling procedures	✓	✓	✓
	• Provision of sufficient waste disposal points and regular collection of waste	✓	✓	✓

EM&A Ref.	Recommendation Measures	Implementation Stage L2 Feb 2025	Mar 2025	Apr 2025
	• Appropriate measures to minimise windblown litter and dust/odour during transportation of waste by either covering trucks or by transporting wastes in enclosed containers	✓	✓	✓
	• Provision of wheel washing facilities before the trucks leaving the works area so as to minimise dust introduction to public roads	✓	✓	✓
	• Well planned delivery programme for offsite disposal such that adverse environmental impact from transporting the inert or non-inert C&D materials is not anticipated	✓	✓	✓
6.1 & 10.7.1	**Waste Reduction Measures** Recommendations to achieve waste reduction include:			
	• Sort inert C&D material to recover any recyclable portions such as metals	✓	✓	✓
	• Segregation and storage of different types of waste in different containers or skips to enhance reuse or recycling of materials and their proper disposal	✓	✓	✓
	• Encourage collection of recyclable waste such as waste paper and aluminium cans by providing separate labelled bins to enable such waste to be segregated from other general refuse generated by the work force	✓	✓	✓
	• Proper site practices to minimise the potential for damage or contamination of inert C&D materials	✓	✓	✓
	• Plan the use of construction materials carefully to minimise amount of waste generated and avoid unnecessary generation of wastes	✓	✓	✓
6.1 & 10.7.1	**Inert and Non-inert C&D Materials** In order to minimise impacts resulting from collection and transportation of inert C&D material for off-site disposal, the excavated materials should be reused on-site as fill material as far as practicable. In addition, inert C&D material generated from excavation works could be reused as fill materials in local projects that require public fill for reclamation.	✓	✓	✓
	• The surplus inert C&D material will be disposed of at the Government's PFRFs for beneficial use by other projects in Hong Kong.	✓	✓	✓
	• Liaison with the CEDD Public Fill Committee (PFC) on the allocation of space for disposal of the inert C&D materials at PFRF is underway. No construction work is allowed to proceed until all issues on management of inert C&D materials have been resolved and all relevant arrangements have been endorsed by the relevant authorities including PFC and EPD.	✓	✓	✓

EM&A Ref.	Recommendation Measures	Implementation Stage L2 Feb 2025	Mar 2025	Apr 2025
	• The C&D materials generated from general site clearance should be sorted on site to segregate any inert materials for reuse or disposal of at PFRFs whereas the non-inert materials will be disposed of at the designated landfill site.	✓	✓	✓
	• In order to monitor the disposal of inert and non-inert C&D materials at respectively PFRFs and the designated landfill site, and to control fly-tipping, it is recommended that the Contractor should follow the Technical Circular (Works) No. 6/2010 for Trip Ticket System for Disposal of Construction & Demolition Materials issued by Development Bureau. In addition, it is also recommended that the Contractor should prepare and implement a Waste Management Plan detailing their various waste arising and waste management practices in accordance with the relevant requirements of the Technical Circular (Works) No. 19/2005 Environmental Management on Construction Site.	✓	✓	✓
6.1 & 10.7.1	**Chemical Waste**			
	• If chemical wastes are produced at the construction site, the Contractor will be required to register with the EPD as a chemical waste producer and to follow the guidelines stated in the "Code of Practice on the Packaging Labelling and Storage of Chemical Wastes". Good quality containers compatible with the chemical wastes should be used, and incompatible chemicals should be stored separately. Appropriate labels should be securely attached on each chemical waste container indicating the corresponding chemical characteristics of the chemical waste, such as explosive, flammable, oxidizing, irritant, toxic, harmful, corrosive, etc. The Contractor should use a licensed collector to transport and dispose of the chemical wastes at the approved Chemical Waste Treatment Centre or other licensed recycling facilities, in accordance with the Waste Disposal (Chemical Waste) (General) Regulation.	✓	✓	✓
	• Potential environmental impacts arising from the handling activities (including storage, collection, transportation and disposal of chemical waste) are expected to be minimal with the implementation of appropriate mitigation measures as recommended.	✓	✓	✓
6.1 & 10.7.1	**General Refuse**			
	General refuse should be stored in enclosed bins or compaction units separated from inert C&D materials. A reputable waste collector should be employed by the Contractor to remove general refuse from the site, separately from inert C&D materials. Preferably an enclosed and covered area should be provided to reduce the occurrence of 'wind blown' light material.	✓	✓	Obs

EM&A Ref.	Recommendation Measures	Implementation Stage L2 Feb 2025	Mar 2025	Apr 2025
Land Contamination (Construction)				
7.1 & 10.8.1	The potential for land contamination issues at the TST Fire Station due to its future relocation will be confirmed by site investigation after land acquisition. Where necessary, mitigation measures for minimising potential exposure to contaminated materials (if any) or remediation measures will be identified. If contaminated land is identified (e.g., during decommissioning of fuel oil storage tanks) after the commencement of works, mitigation measures are proposed in order to minimise the potentially adverse effects on the health and safety of construction workers and impacts arising from the disposal of potentially contaminated materials. The following measures are proposed for excavation and transportation of contaminated material:			
	• To minimize the chance for construction workers to come into contact with any contaminated materials, bulk earth-moving excavation equipment should be employed;	N/A	N/A	N/A
	• Contact with contaminated materials can be minimised by wearing appropriate clothing and personal protective equipment such as gloves and masks (especially when interacting directly with contaminated material), provision of washing facilities and prohibition of smoking and eating on site;	N/A	N/A	N/A
	• Stockpiling of contaminated excavated materials on site should be avoided as far as possible;	N/A	N/A	N/A
	• The use of contaminated soil for landscaping purpose should be avoided unless pre-treatment was carried out;	N/A	N/A	N/A
	• Vehicles containing any contaminated excavated materials should be suitably covered to reduce dust emissions and/or release of contaminated wastewater;	N/A	N/A	N/A
	• Truck bodies and tailgates should be sealed to stop any discharge;	N/A	N/A	N/A
	• Only licensed waste haulers should be used to collect and transport contaminated material to treatment/disposal site and should be equipped with tracking system to avoid fly tipping;	N/A	N/A	N/A
	• Speed control for trucks carrying contaminated materials should be exercised;	N/A	N/A	N/A
	• Observe all relevant regulations in relation to waste handling, such as Waste Disposal Ordinance (Cap. 354), Waste Disposal (Chemical Waste) (General) Regulation (Cap. 354) and obtain all necessary permits where required; and	N/A	N/A	N/A

EM&A Ref.	Recommendation Measures	Implementation Stage L2 Feb 2025	Mar 2025	Apr 2025
	• Maintain records of waste generation and disposal quantities and disposal arrangements.	N/A	N/A	N/A
Ecological Impact (Construction)				
	No mitigation measure is required.			
Landscape and Visual Impact (Construction)				
Table 9.1 & 10.8 (CM1)	Trees should be retained in situ on site as far as possible. Should tree removal be unavoidable due to construction impacts, trees will be transplanted or felled with reference to the stated criteria in the Tree Removal Applications to be submitted to relevant government departments for approval in accordance to ETWB TCW No. 29/2004 and 3/2006.	N/A	N/A	N/A
Table 9.1 & 10.8 (CM2)	Compensatory tree planting shall be incorporated to the proposed project and maximize the new tree, shrubs and other vegetation planting to compensate tree felled and vegetation removed. Also, implementation of compensatory planting should be of a ratio not less than 1:1 in terms of quality and quantity within the site.	N/A	N/A	N/A
Table 9.1 & 10.8 (CM3)	Buffer trees for screening purposes to soften the hard architectural and engineering structures and facilities.	N/A	N/A	N/A
Table 9.1 & 10.8 (CM4)	Softscape treatments such as vertical green wall panel /planting of climbing and/or weeping plants, etc, to maximize the green coverage and soften the hard architectural and engineering structures and facilities.	N/A	N/A	N/A
Table 9.1 & 10.8 (CM5)	Roof greening by means of intensive and extensive green roof to maximize the green coverage and improve aesthetic appeal and visual quality of the building/structure.	N/A	N/A	N/A
Table 9.1 & 10.8 (CM6)	Sensitive streetscape design should be incorporated along all new roads and streets.	N/A	N/A	N/A
Table 9.1 & 10.8 (CM7)	Structure, ornamental planting shall be provided along amenity strips to enhance the landscape quality.	N/A	N/A	N/A
Table 9.1 & 10.8 (CM8)	Landscape design shall be incorporated to architectural and engineering structures in order to provide aesthetically pleasing designs.	N/A	N/A	N/A
Table 9.1 (CM9)	Minimize the structure of marine facilities to be built on the seabed and foreshore in order to minimize the affected extent to the waterbody	N/A	N/A	N/A

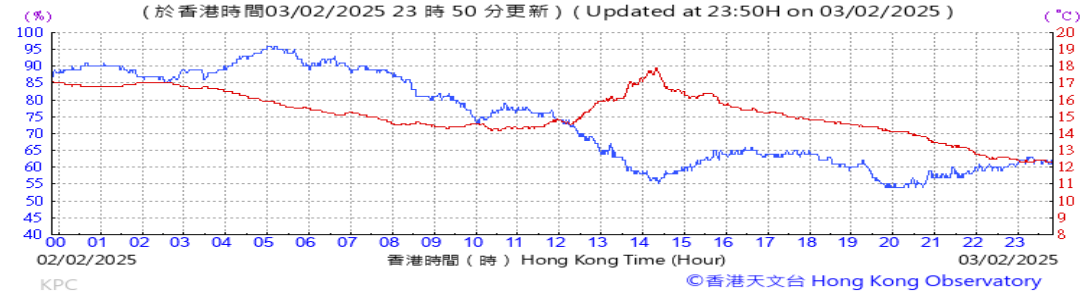
EM&A Ref.	Recommendation Measures	Implementation Stage L2 Feb 2025	Mar 2025	Apr 2025
Table 9.2 & 10.9 (MCP1)	Use of decorative screen hoarding/boards	✓	✓	✓
Table 9.2 & 10.9 (MCP2)	Early introduction of landscape treatments	N/A	N/A	N/A
Table 9.2 & 10.9 (MCP3)	Adoption of light colour for the temporary ventilation shafts for the basement during the transition period.	N/A	N/A	N/A
Table 9.2 & 10.9 (MCP4)	Control of night time lighting	N/A	N/A	N/A
Table 9.2 & 10.9 (MCP5)	Use of greenery such as grass cover for the temporary open areas will help achieve the visual balance and soften the hard edges of the structures.	N/A	N/A	N/A

N/A	-	Not Applicable
✓	-	Implemented
Obs	-	Observed
Rem	-	Reminder

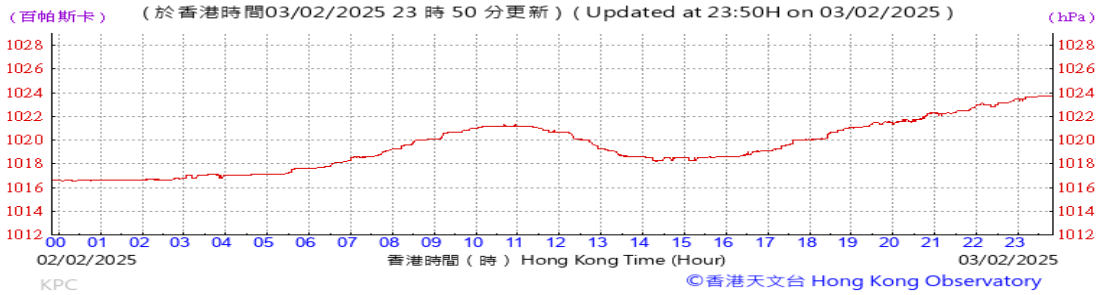
D. Meteorological Data Extracted from Hong Kong Observatory

Table D-1: Extract of Meteorological Observations for King's Park Automatic Weather Station in the reporting quarter

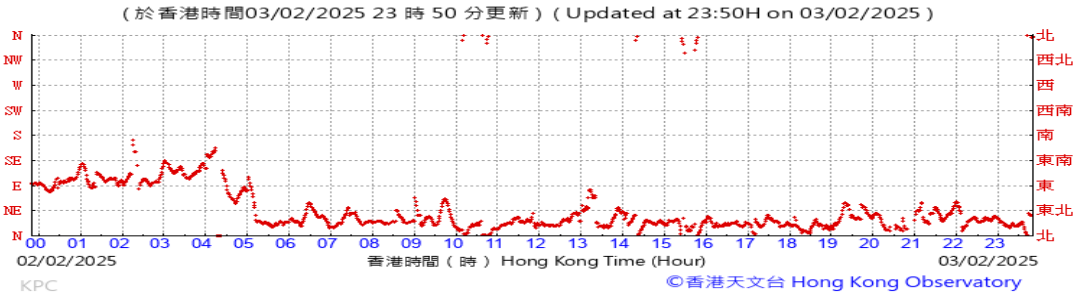
Temperature/Humidity:



Pressure:



Wind Direction:



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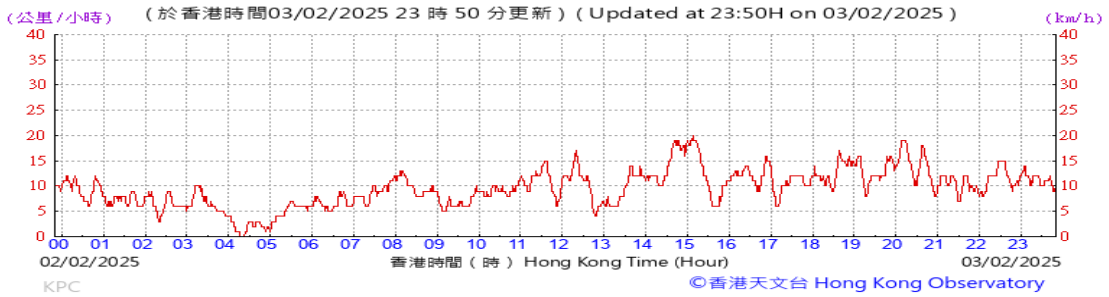
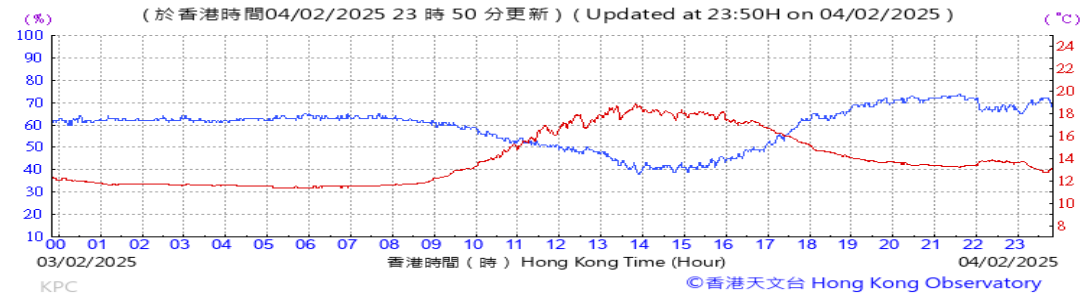


Temperature/Humidity:



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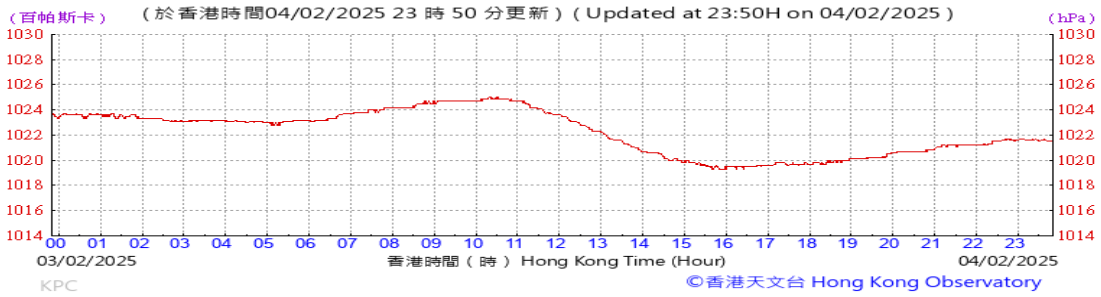

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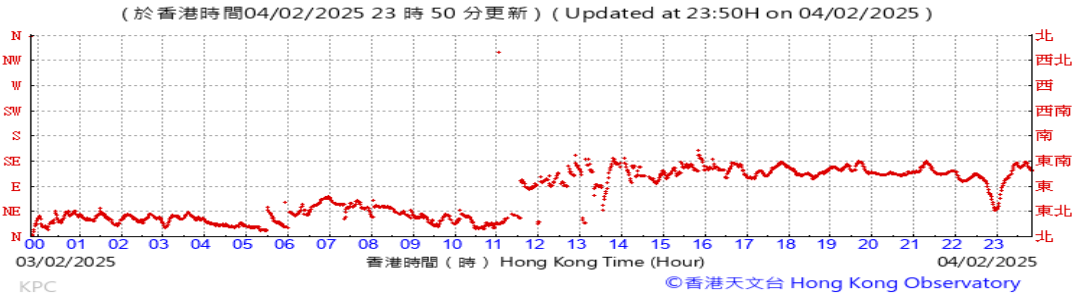
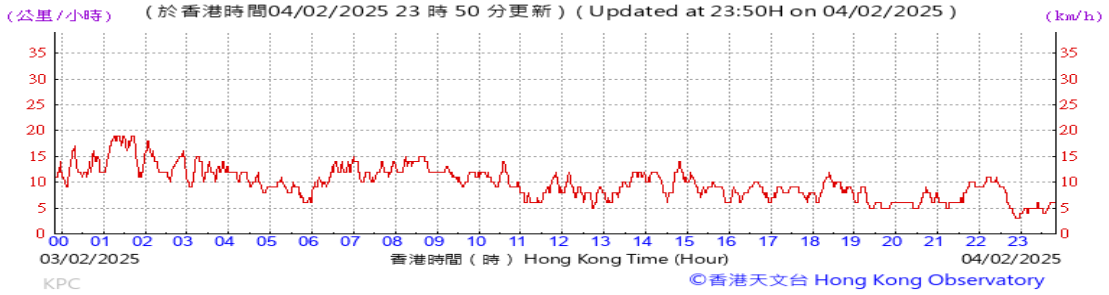


Wind Speed:



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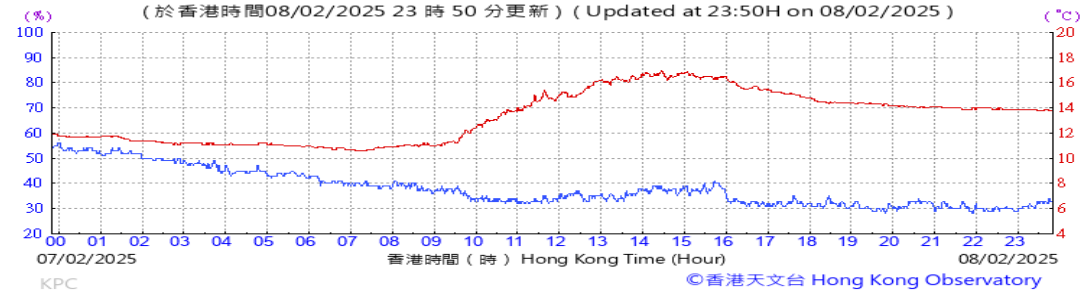

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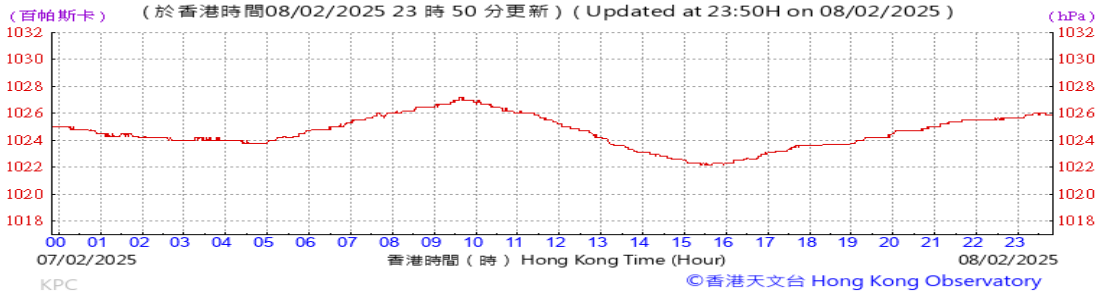

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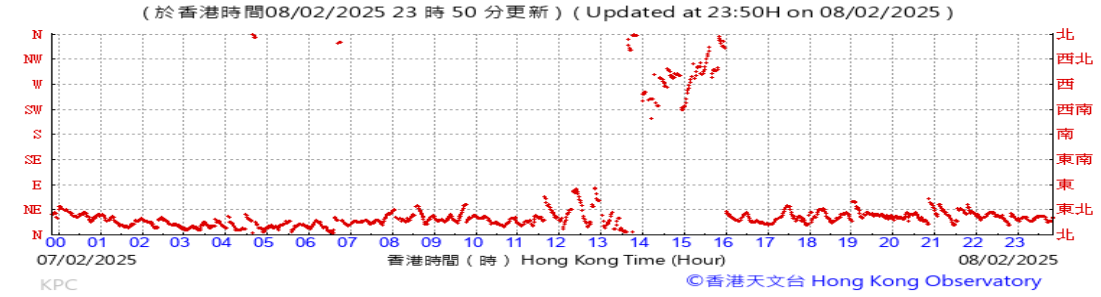
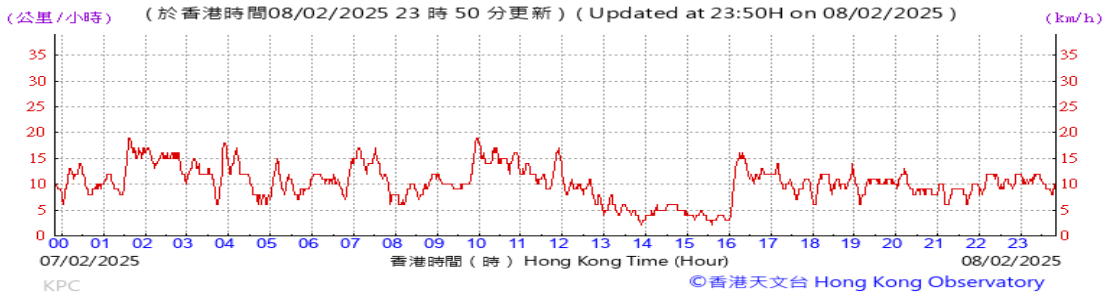
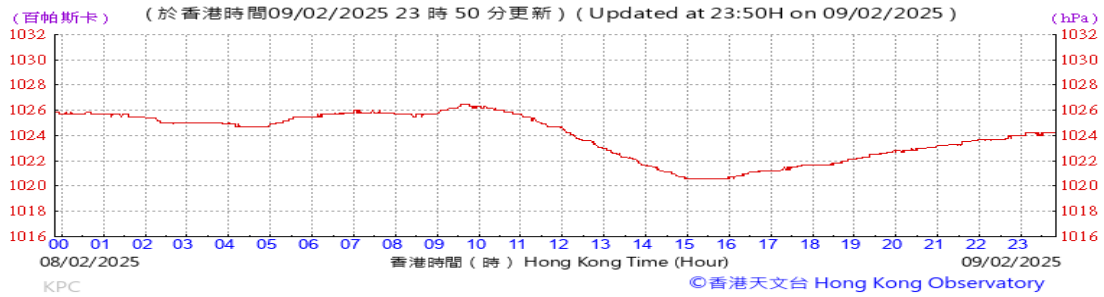


Wind Speed:



Temperature/Humidity:

Pressure:



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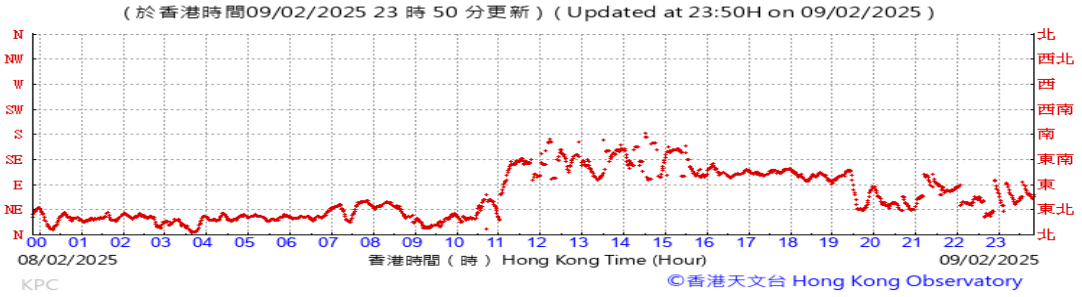
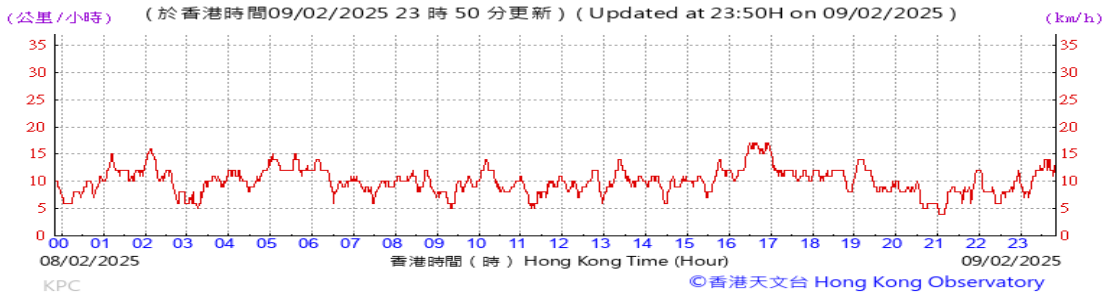
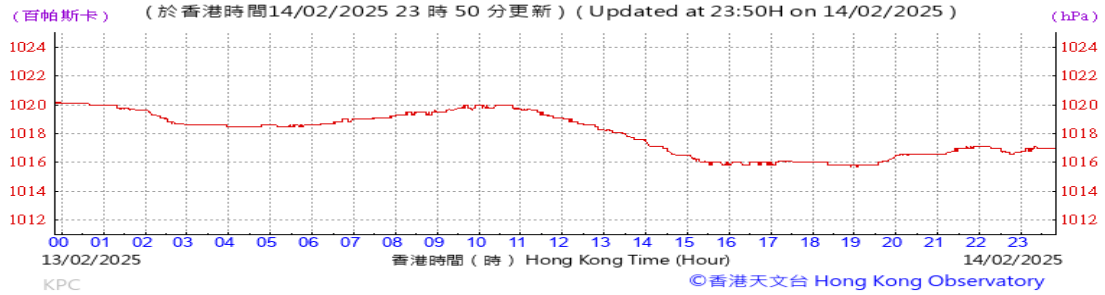


Wind Speed:



Temperature/Humidity:

Pressure:



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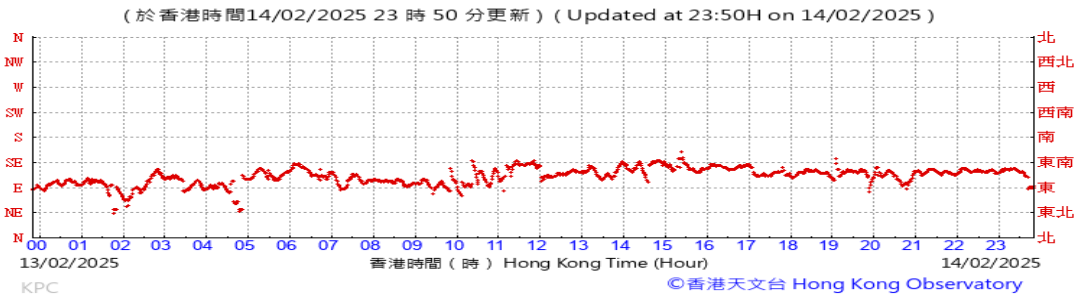

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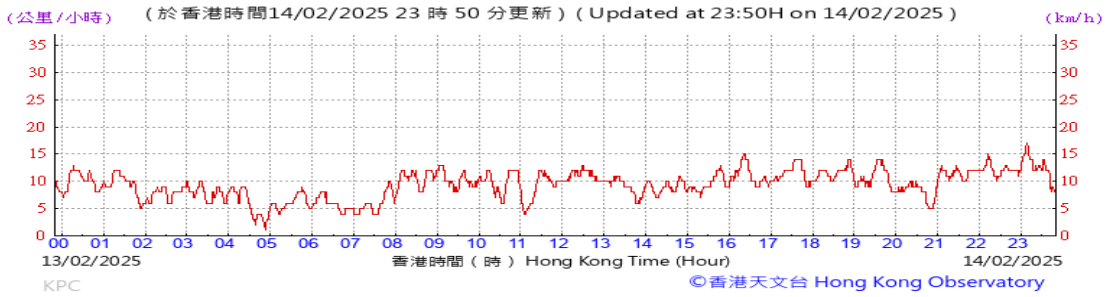
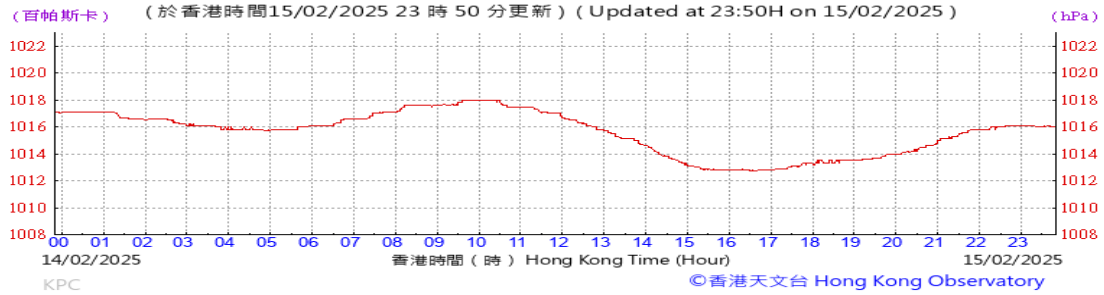


Temperature/Humidity:

Pressure:



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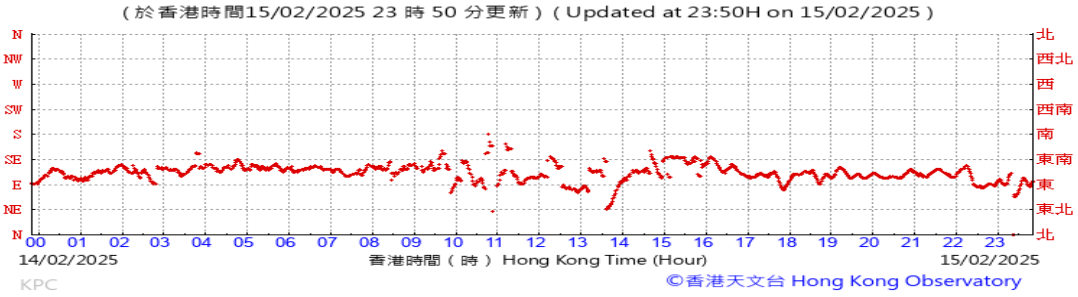

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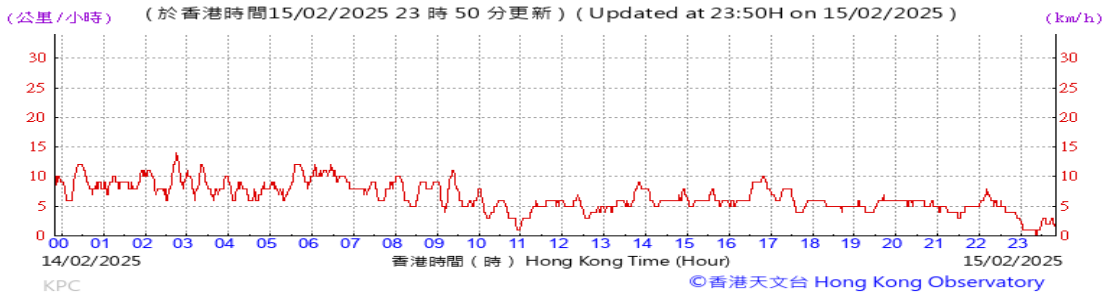

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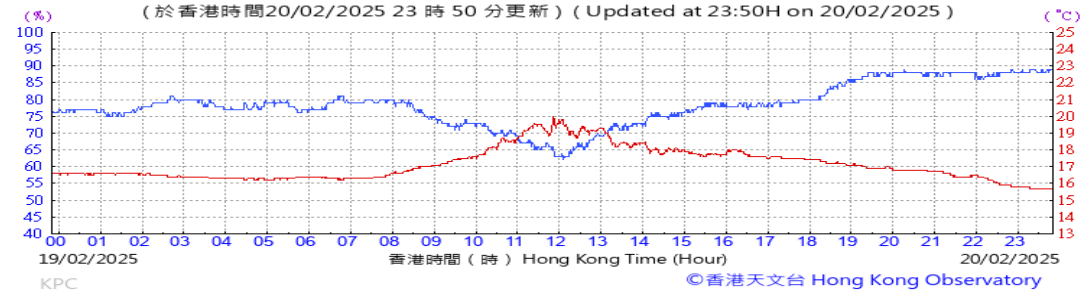

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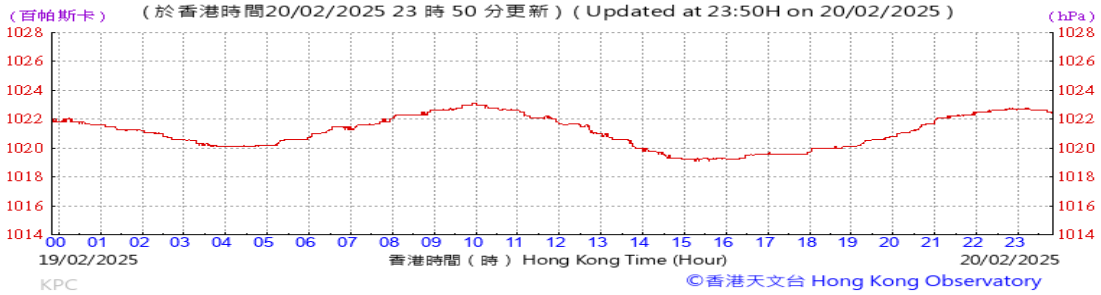

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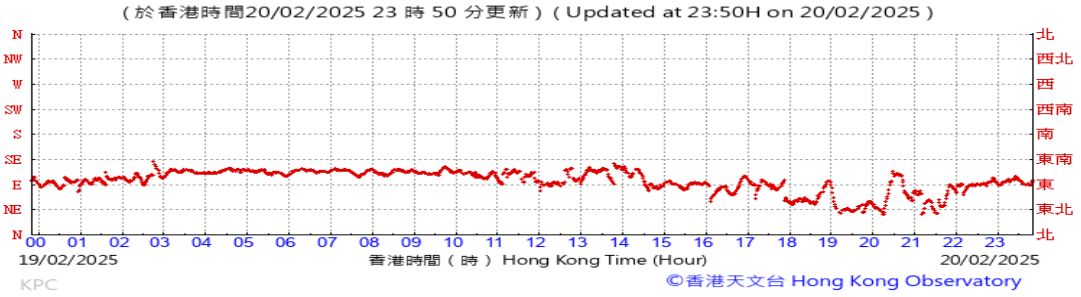

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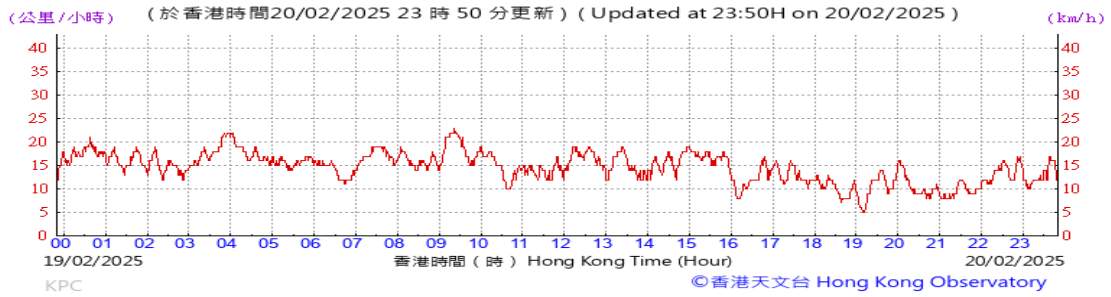
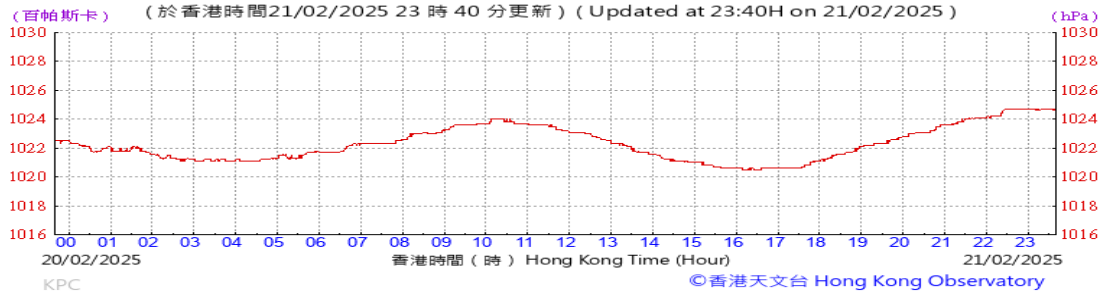
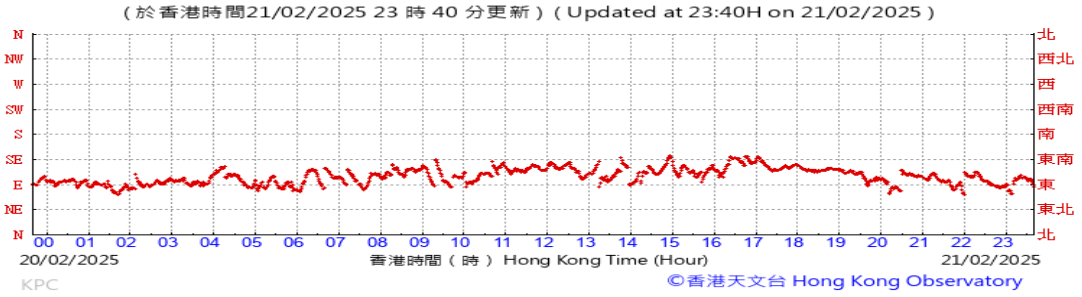


Temperature/Humidity:

Pressure:

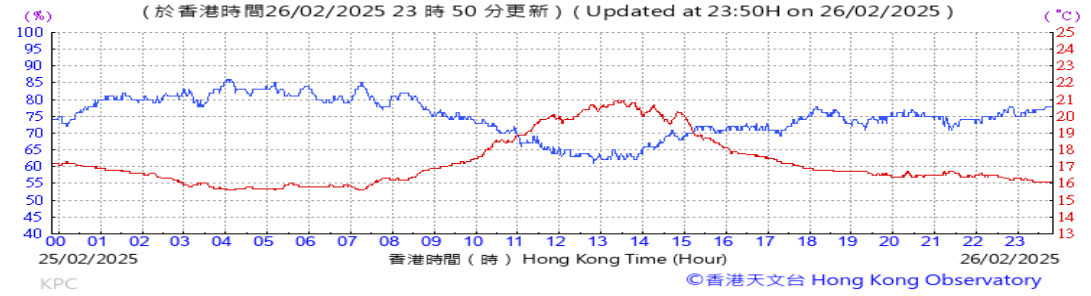


Wind Direction:



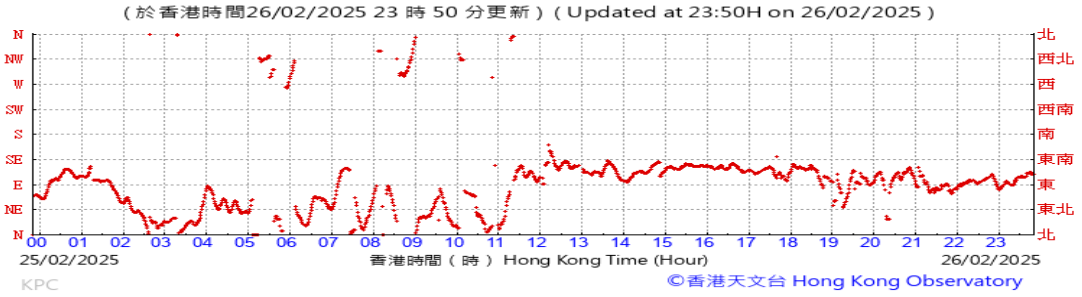
Wind Speed:

Temperature/Humidity:

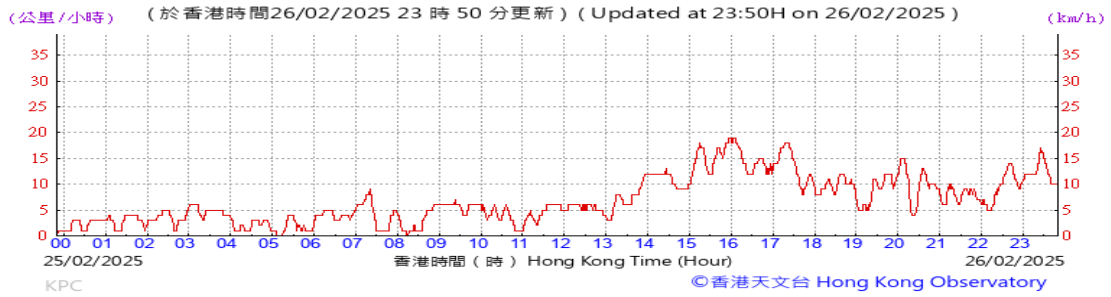


Pressure:

Wind Direction:

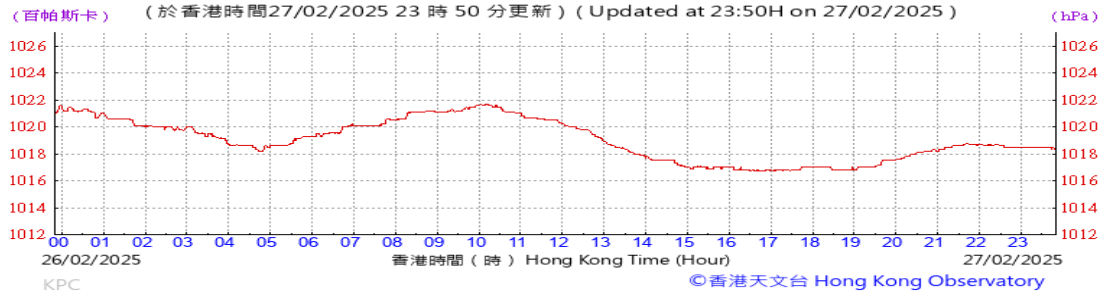


Wind Speed:



Temperature/Humidity:

Pressure:



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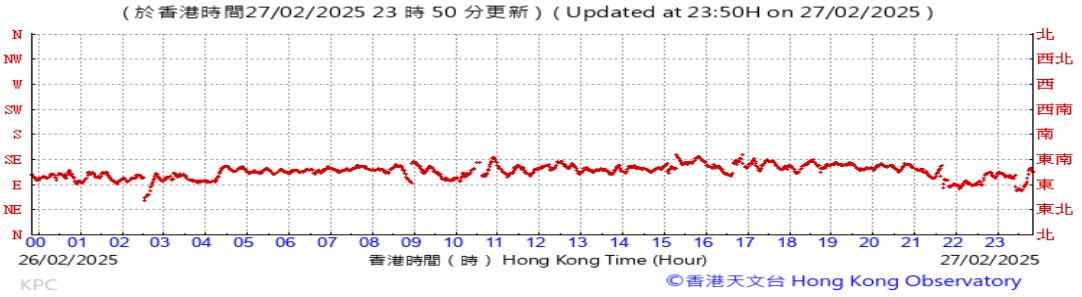
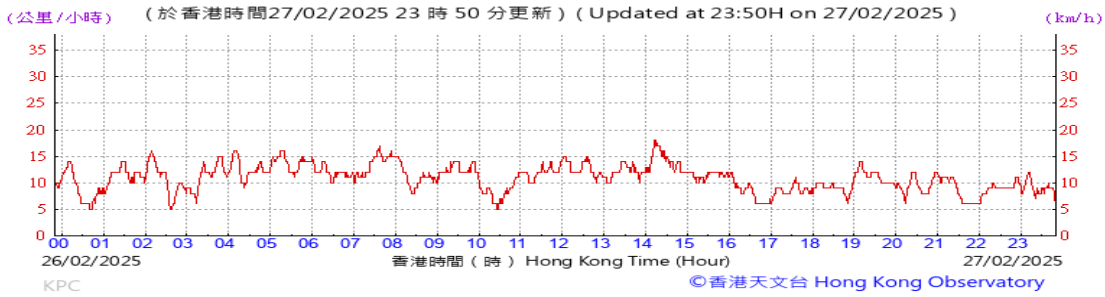
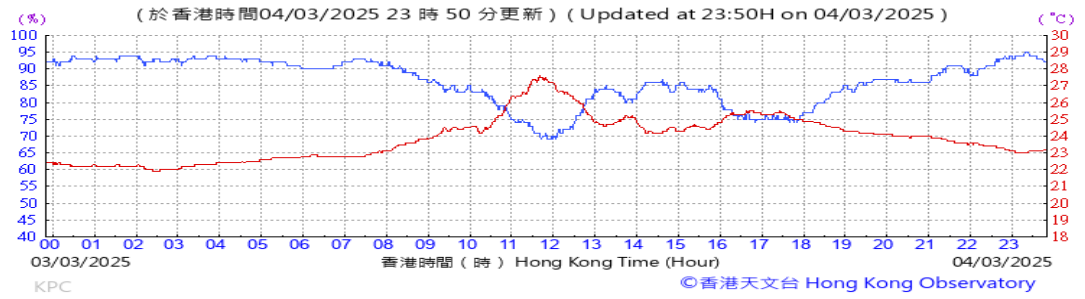


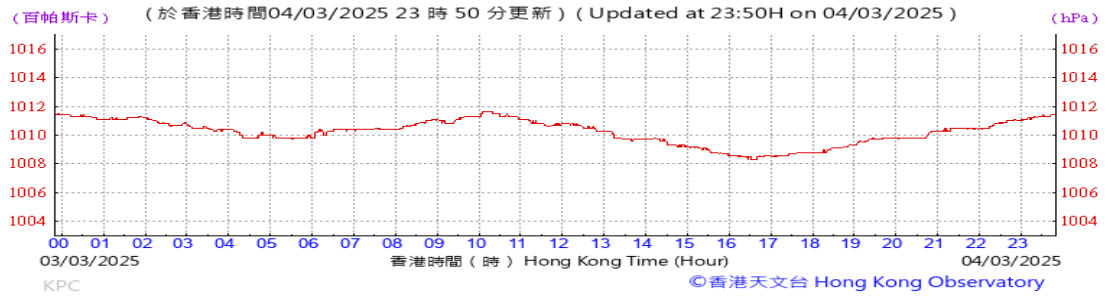
Wind Speed:



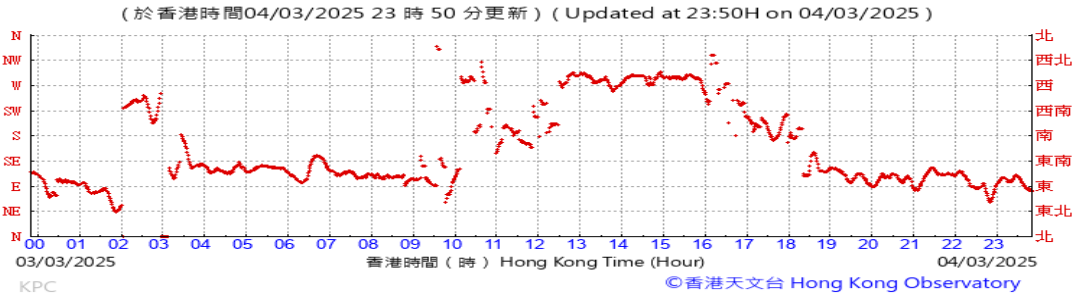
Temperature/Humidity:



Pressure:



Wind Direction:



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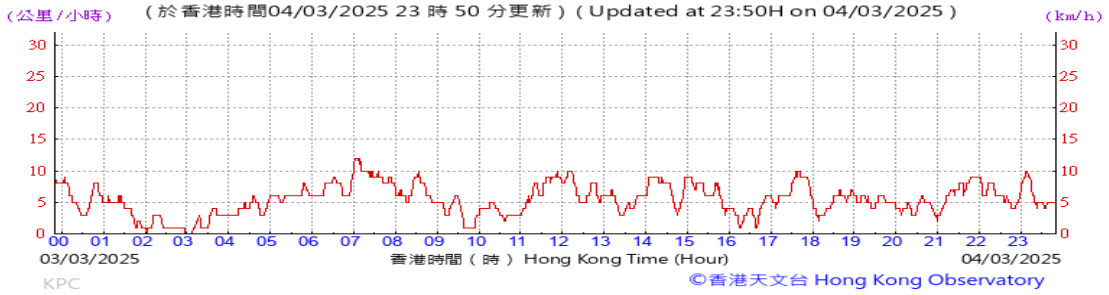
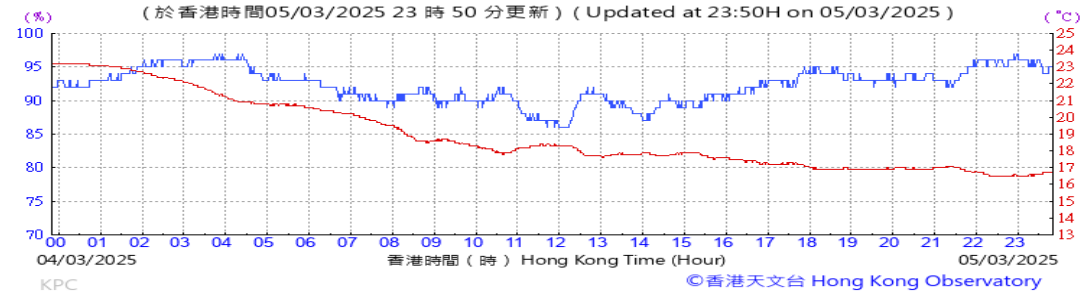


Temperature/Humidity:



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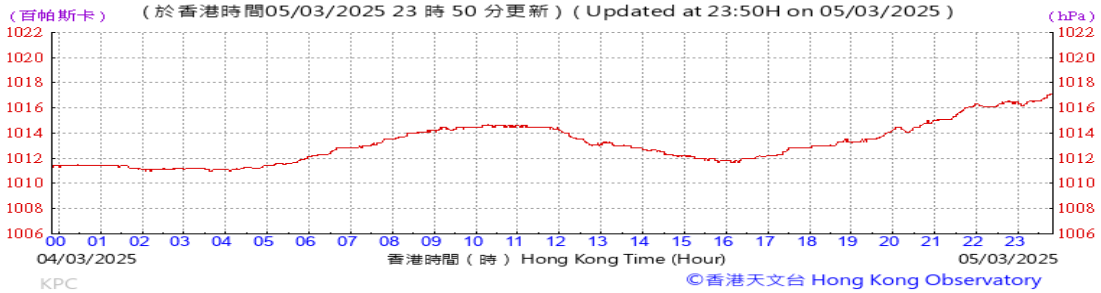
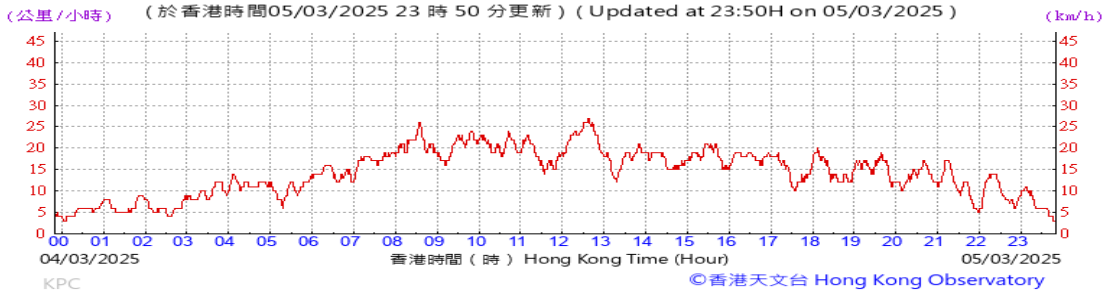
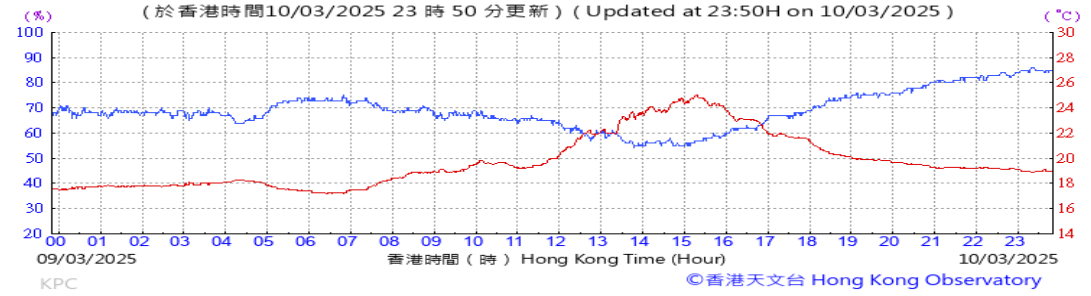


Wind Direction:

Wind Speed:



Temperature/Humidity:



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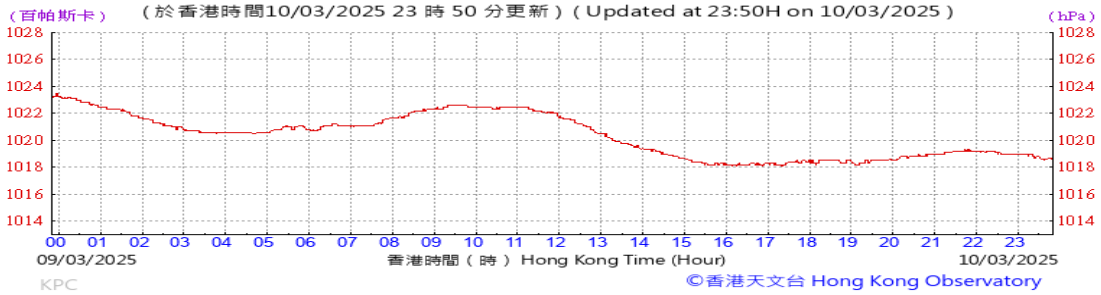

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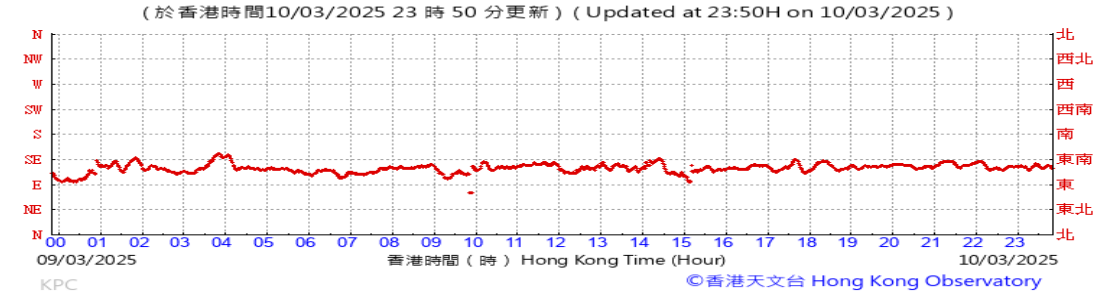
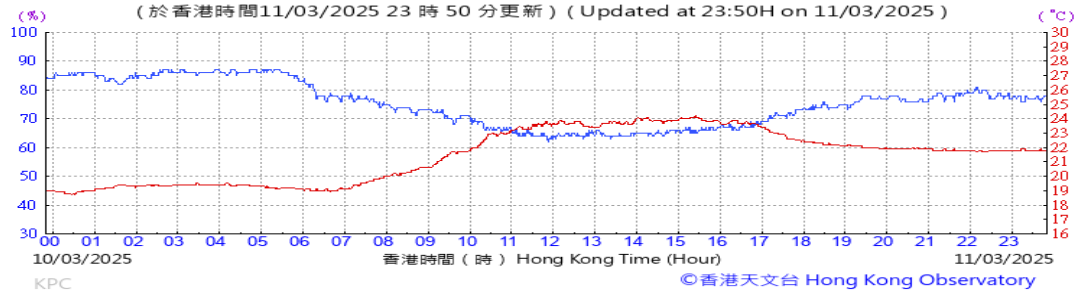
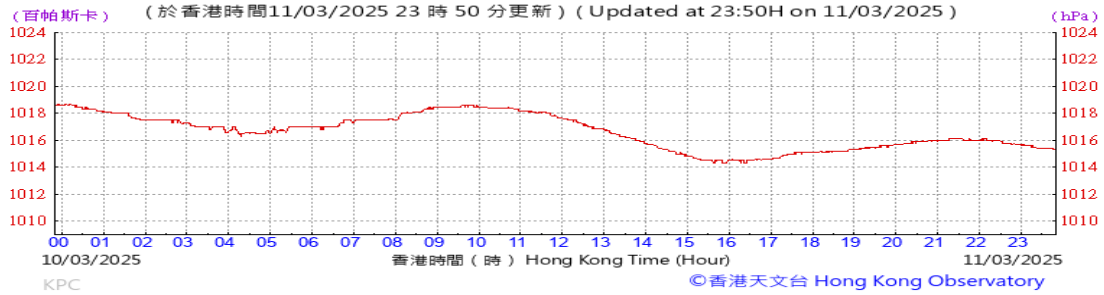


Wind Speed:

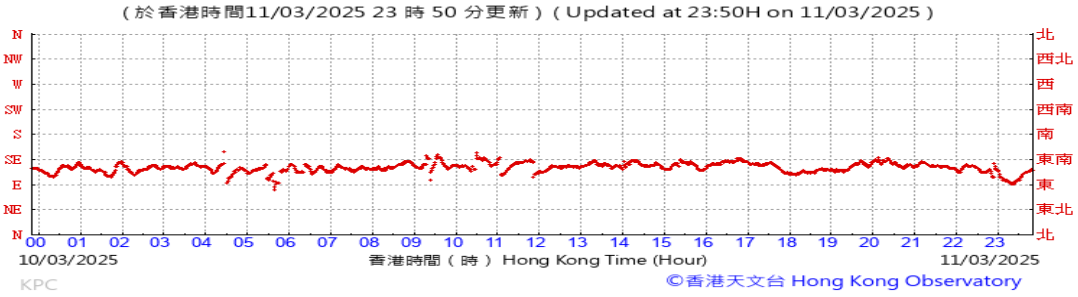
Temperature/Humidity:



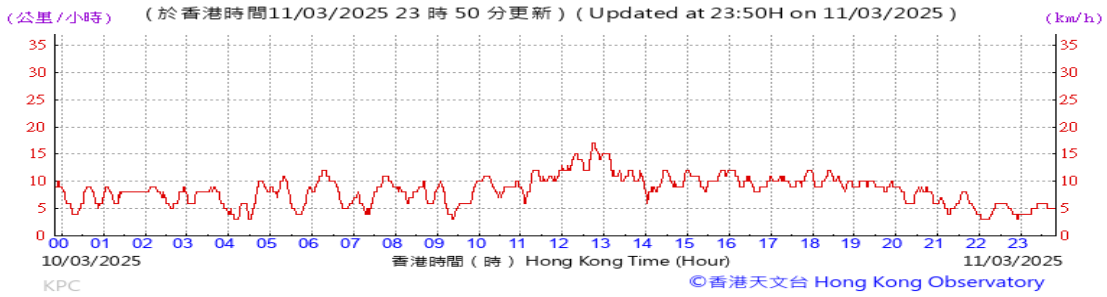
Pressure:



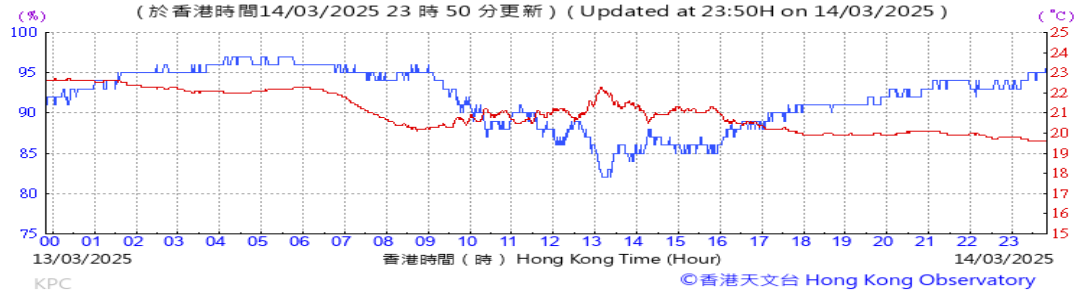
Wind Direction:



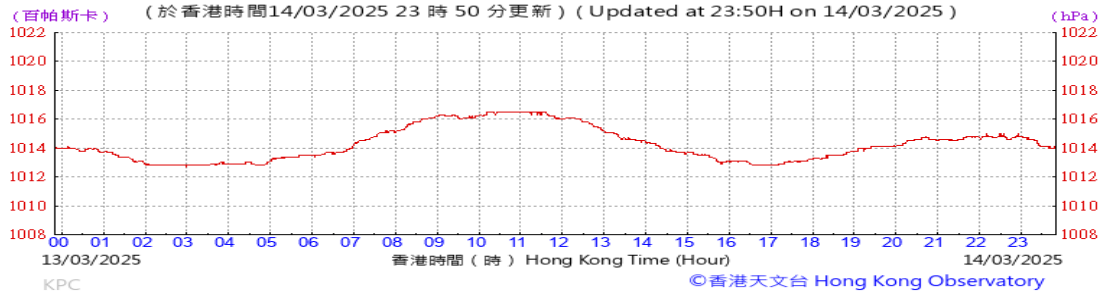
Wind Speed:



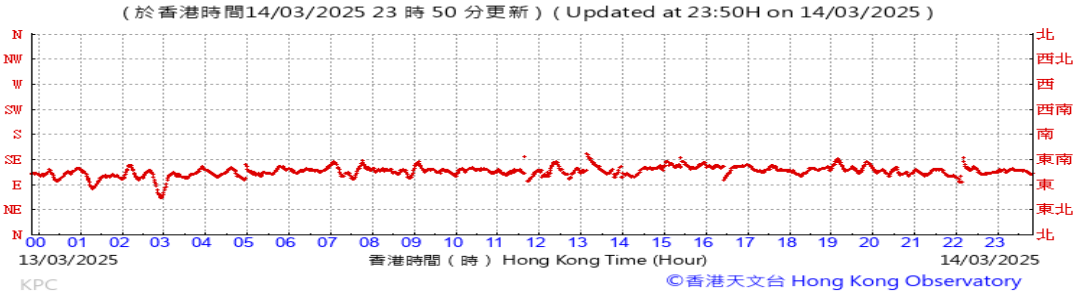
Temperature/Humidity:



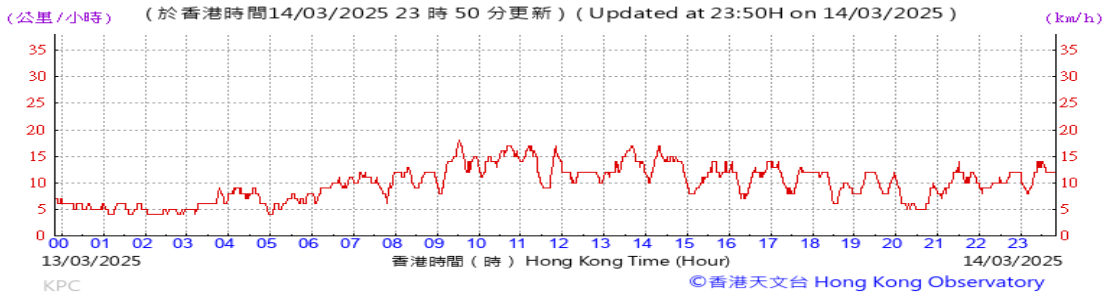
Pressure:



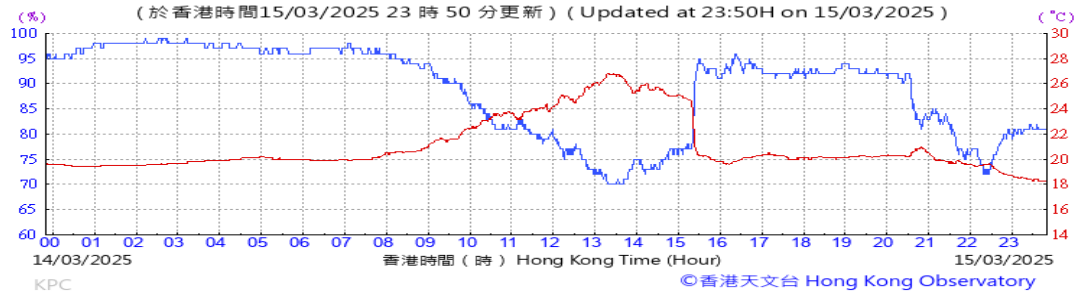
Wind Direction:



Wind Speed:



Temperature/Humidity:



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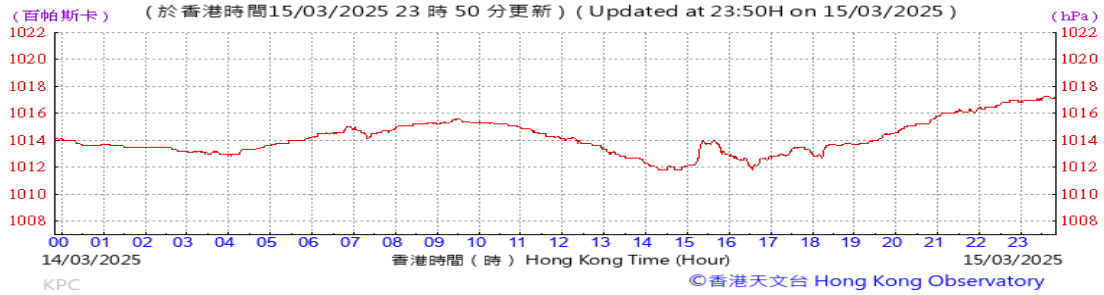

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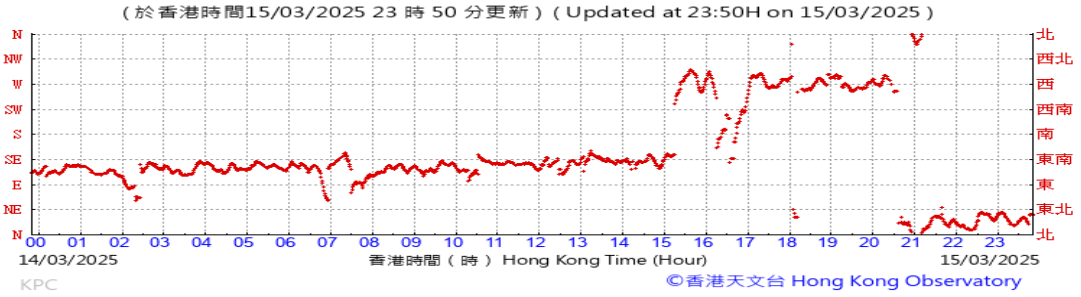

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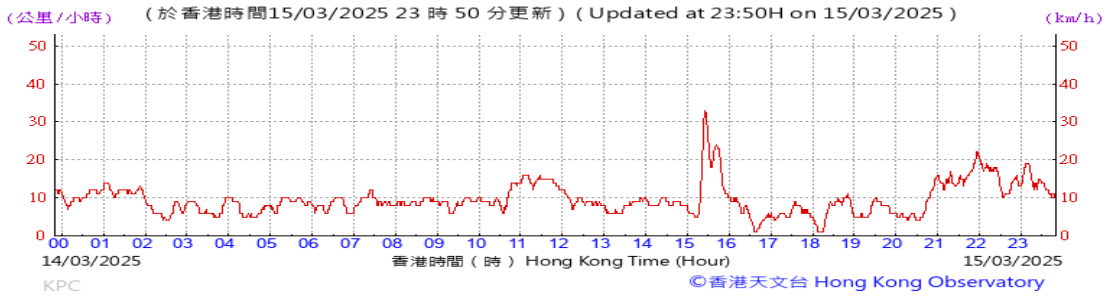

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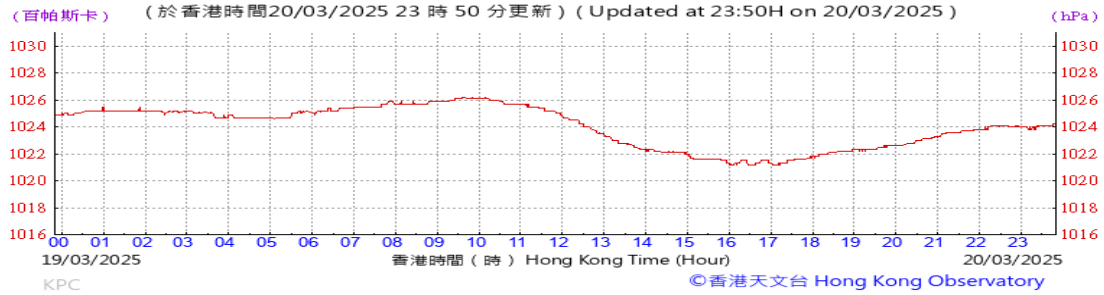

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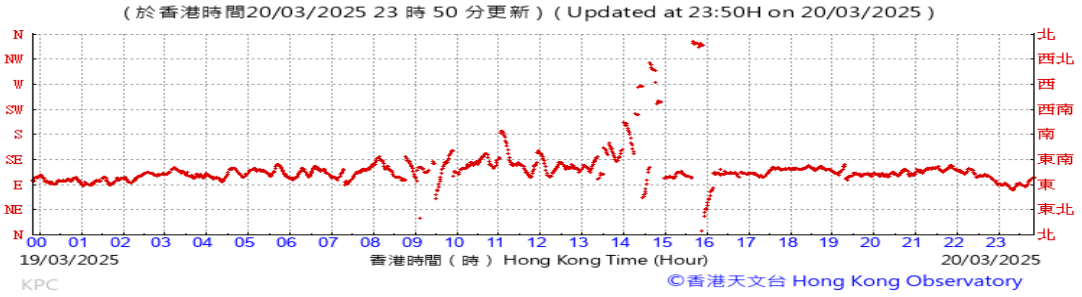

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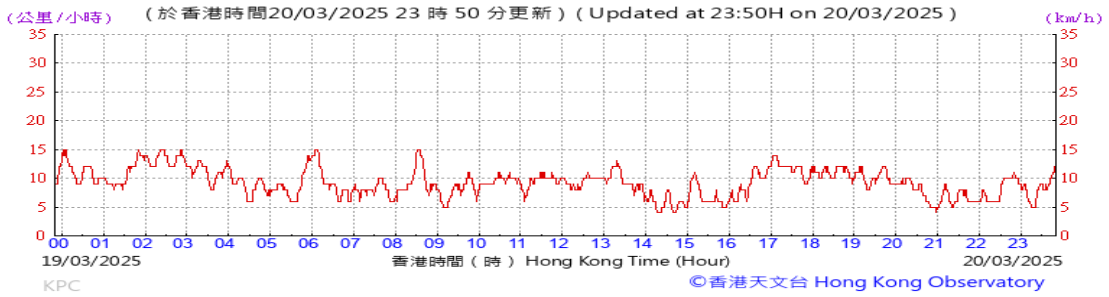

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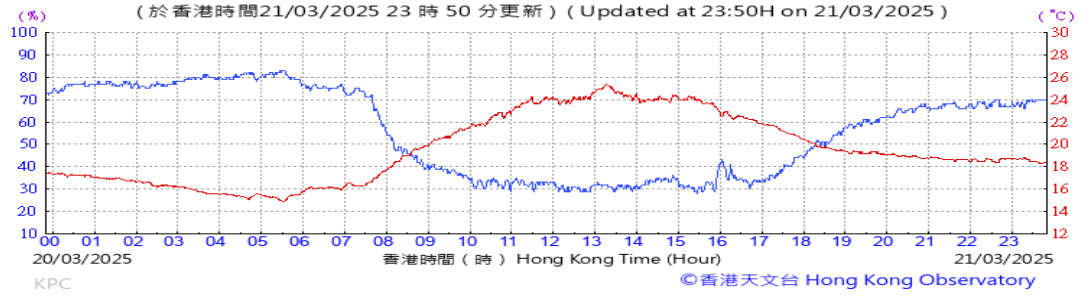

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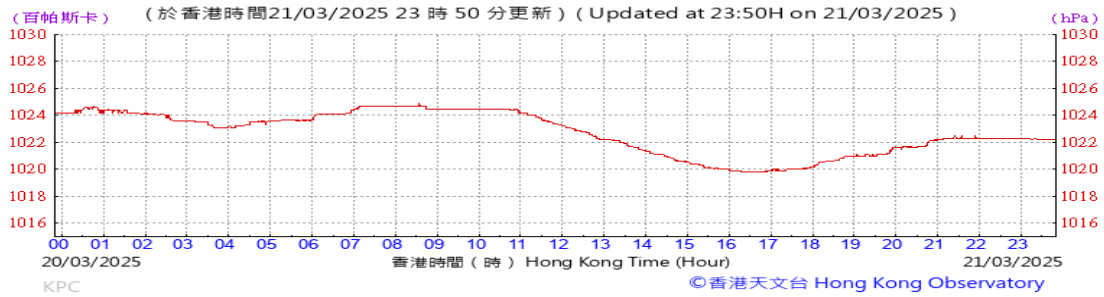

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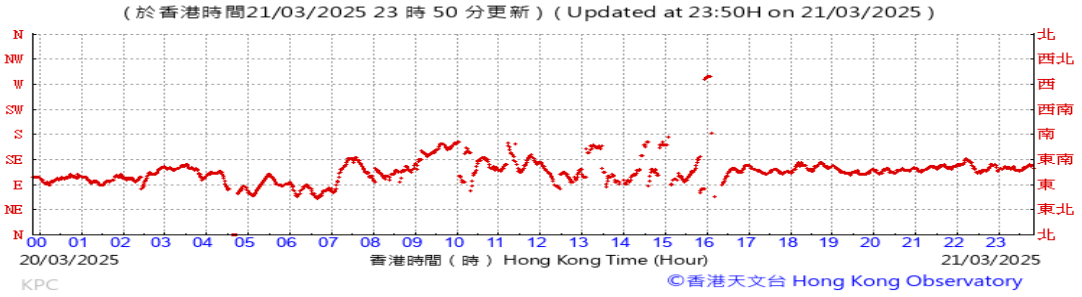

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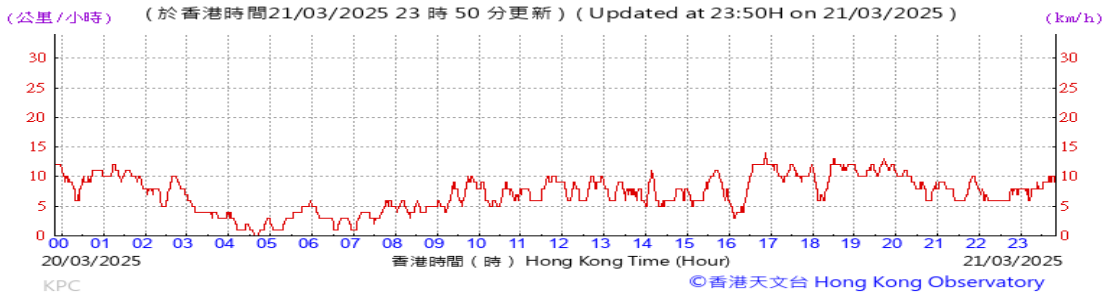

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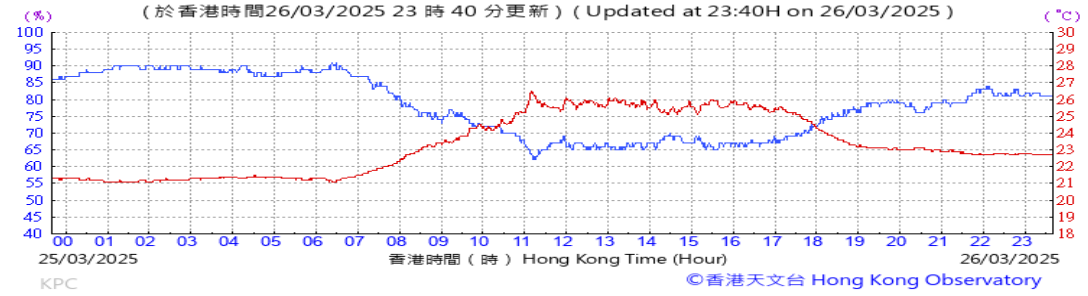

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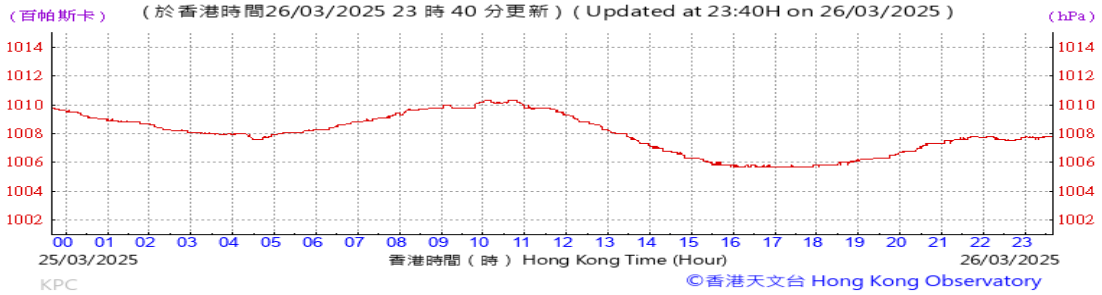

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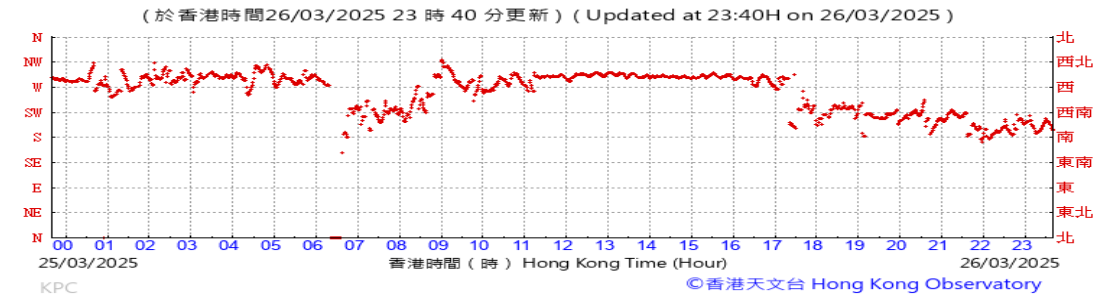

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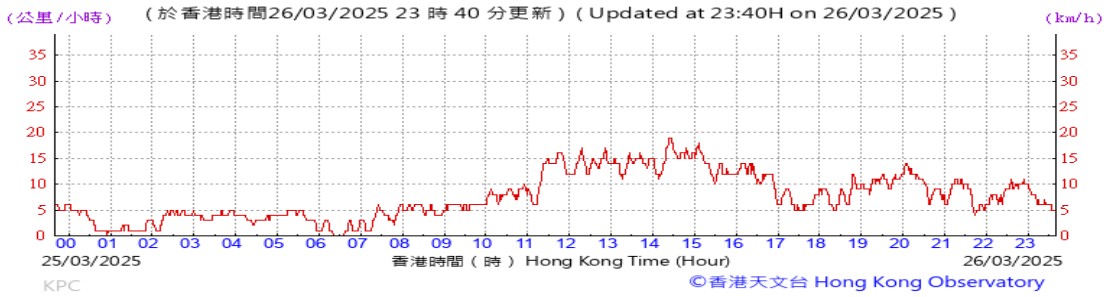

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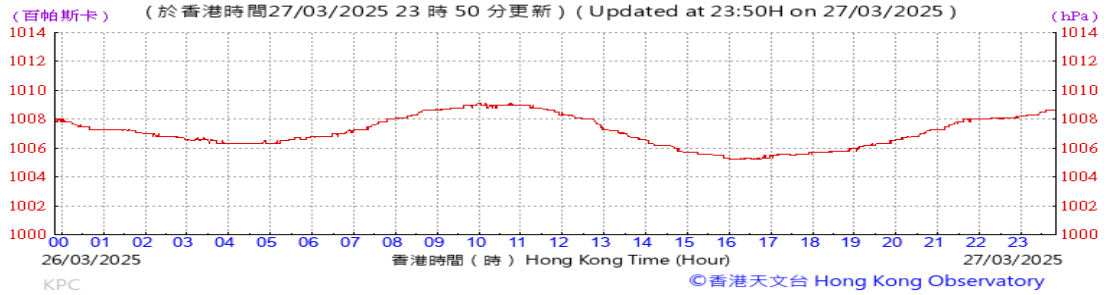

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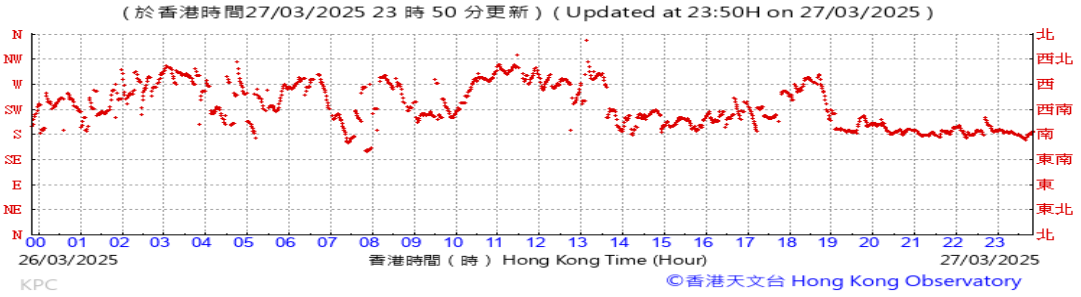

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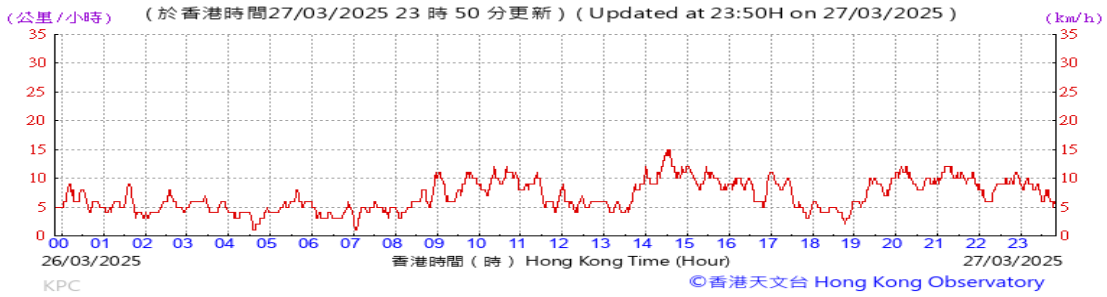

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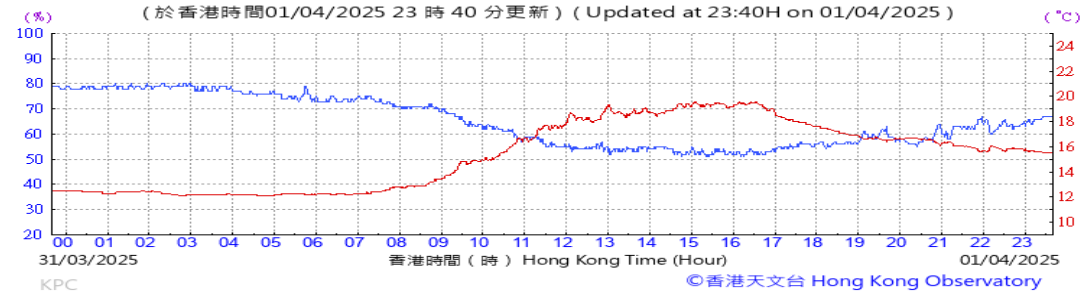

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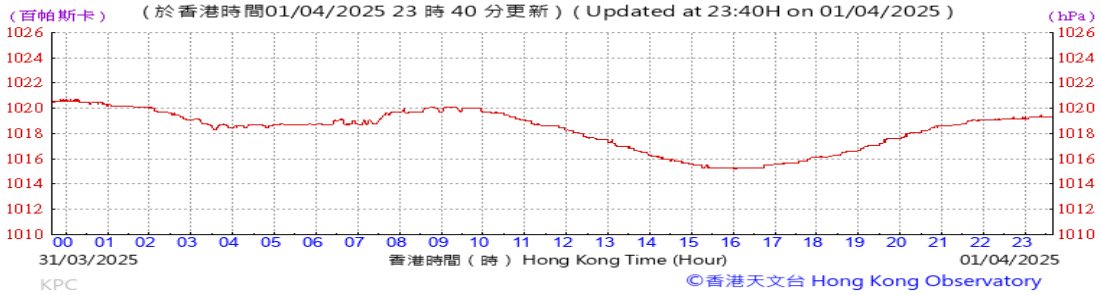

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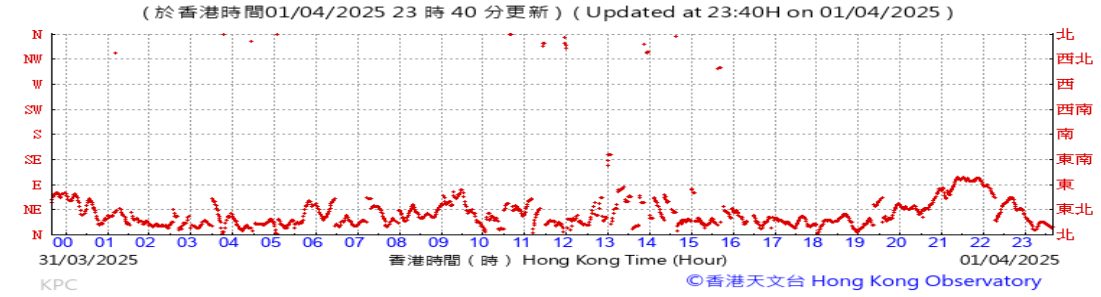

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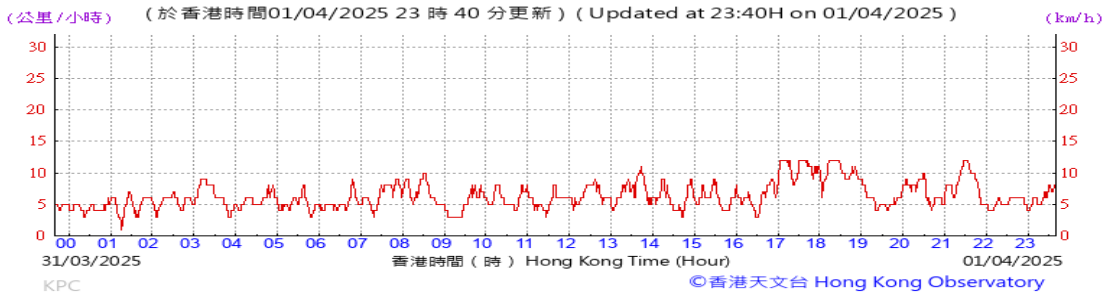

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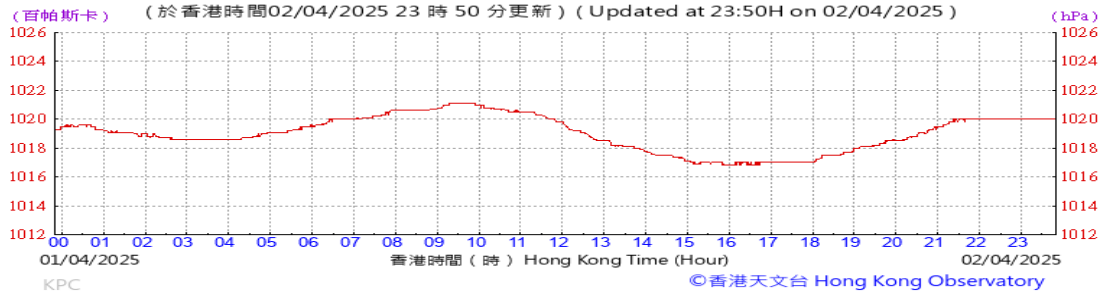

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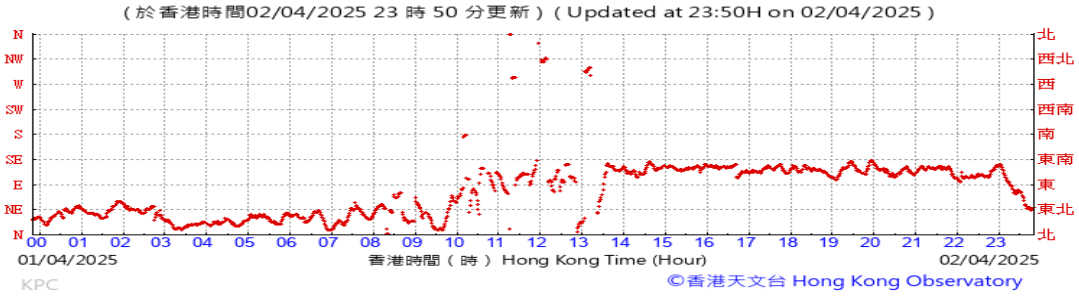

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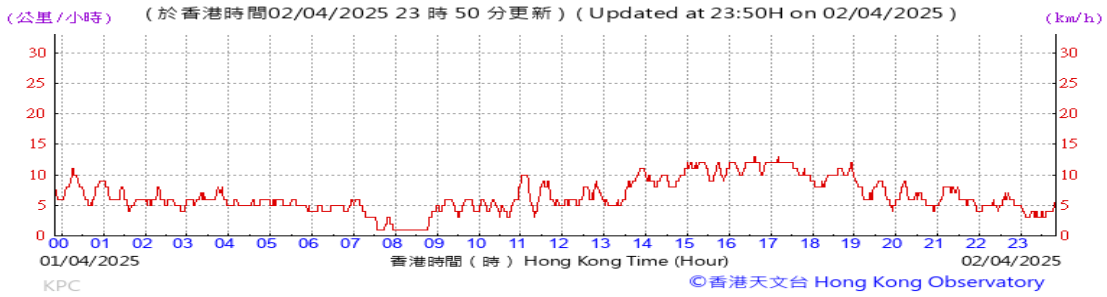

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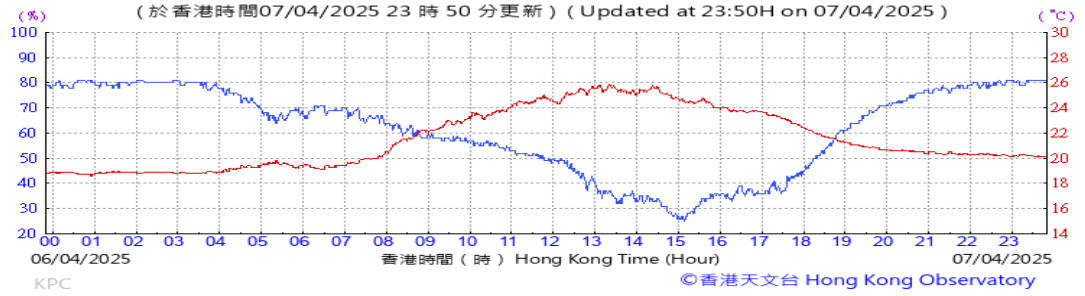

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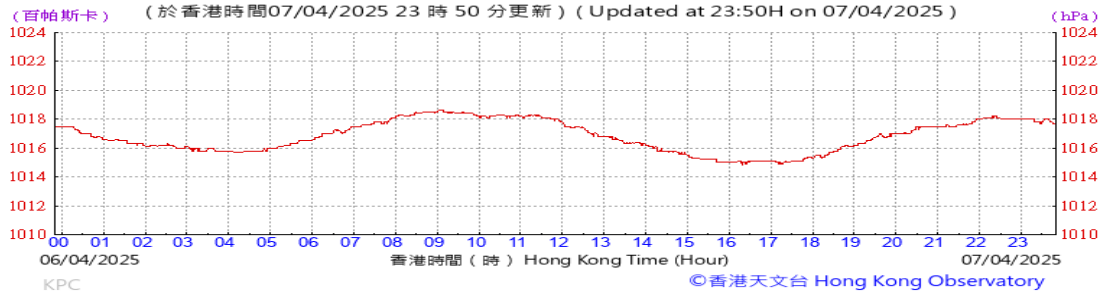

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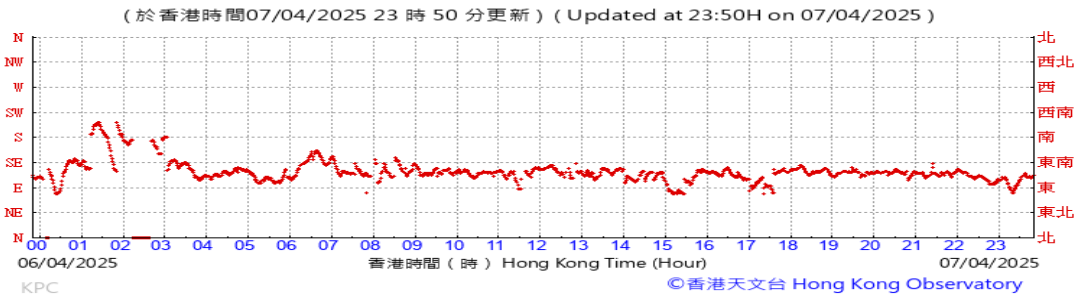

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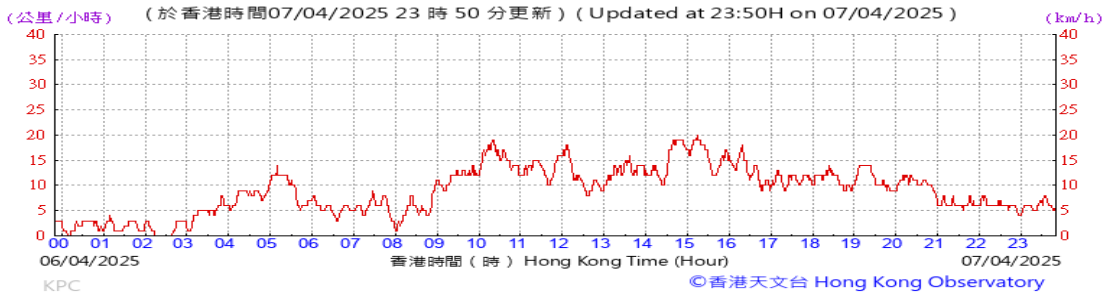

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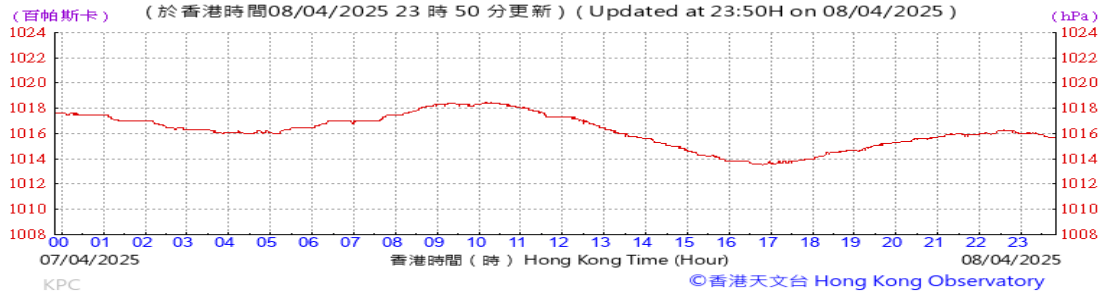

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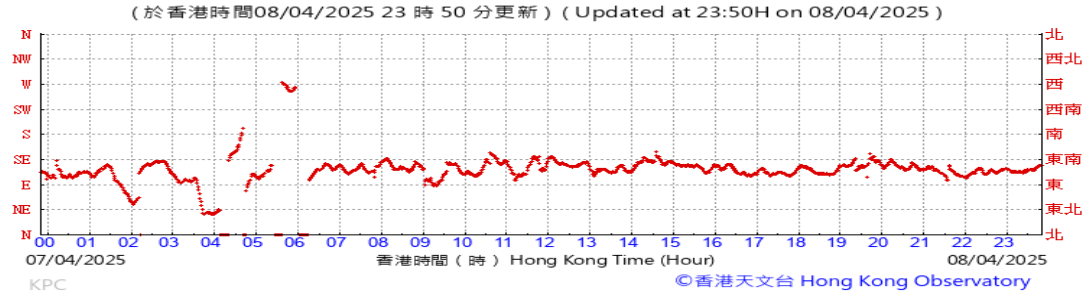

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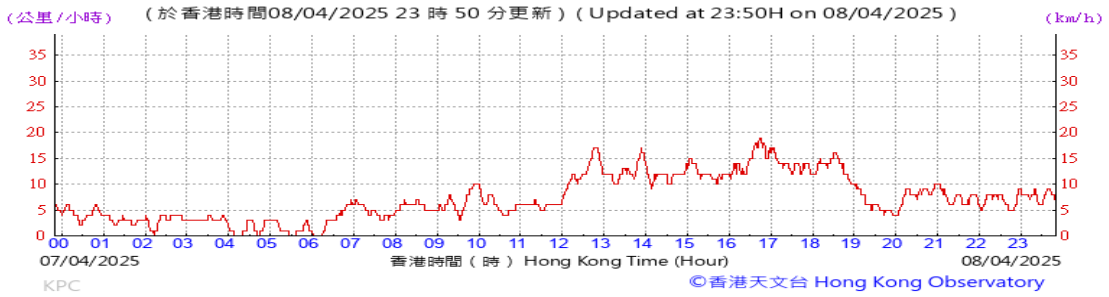

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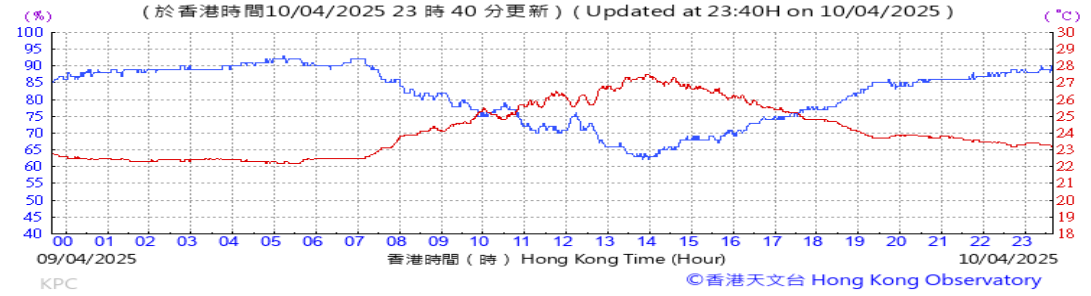

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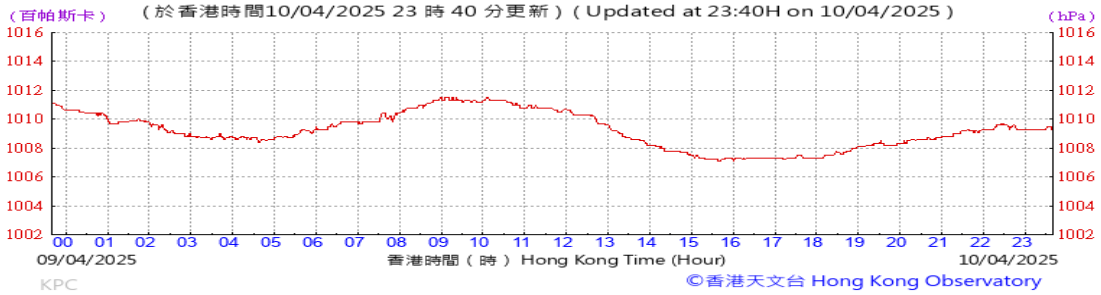

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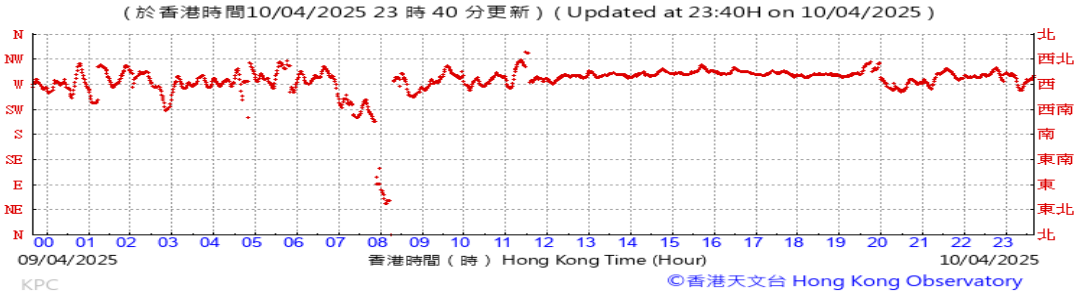

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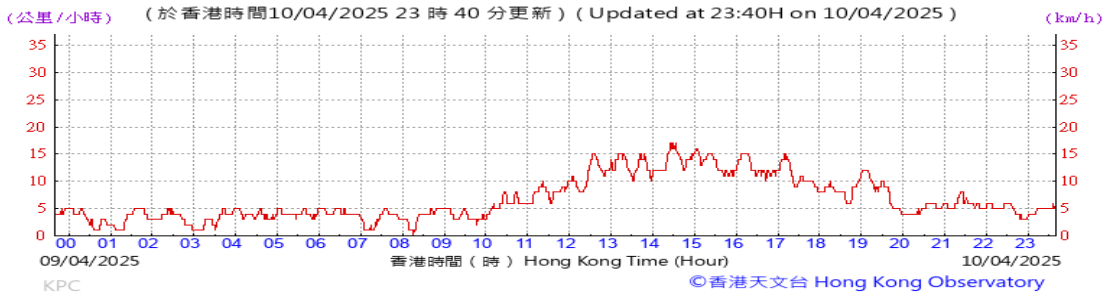

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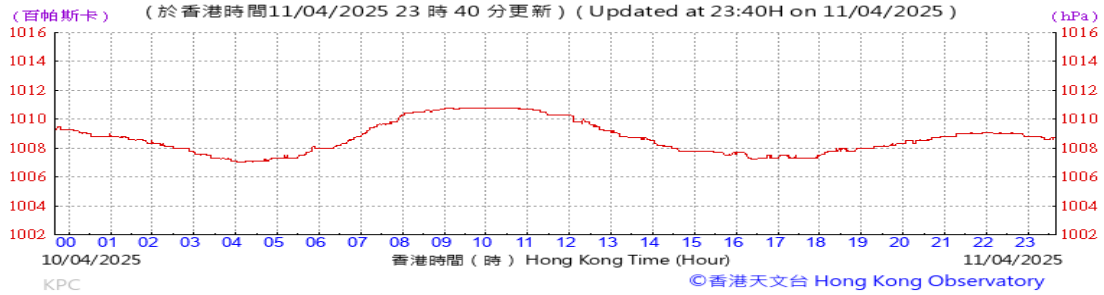

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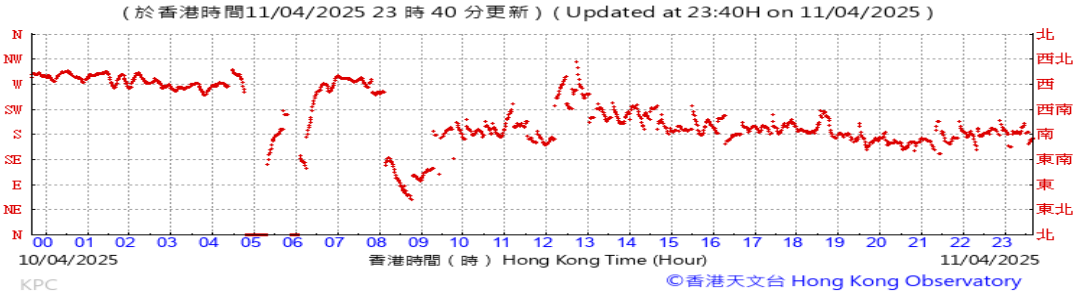

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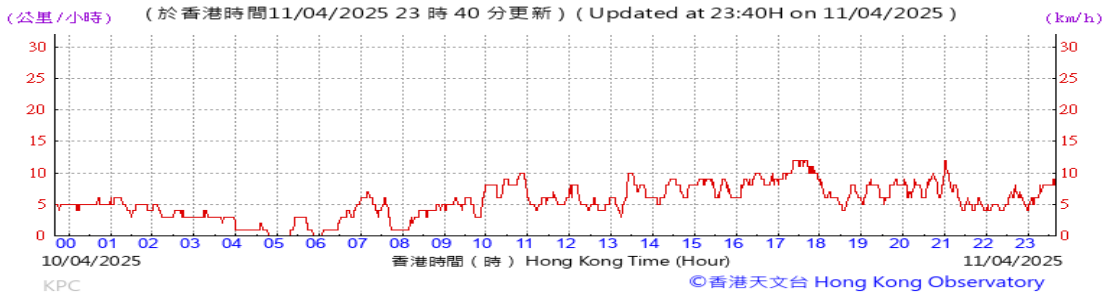

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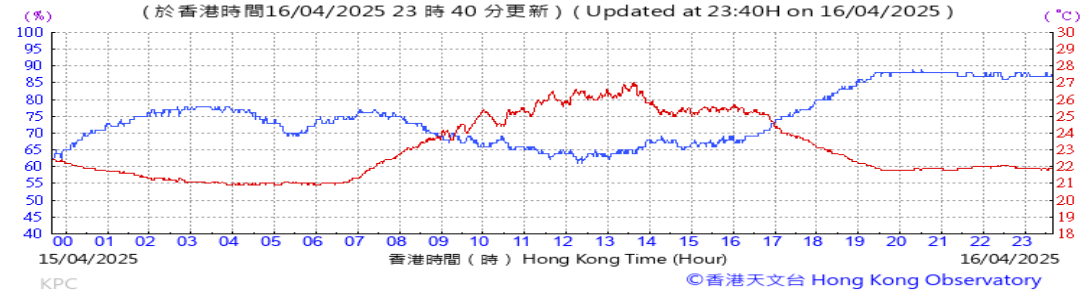

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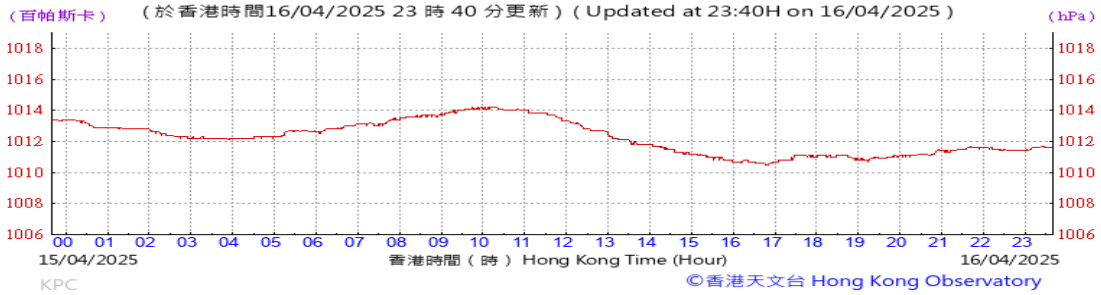

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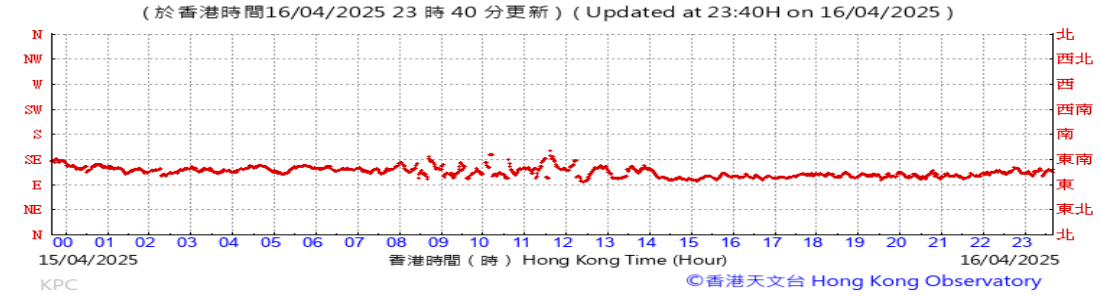

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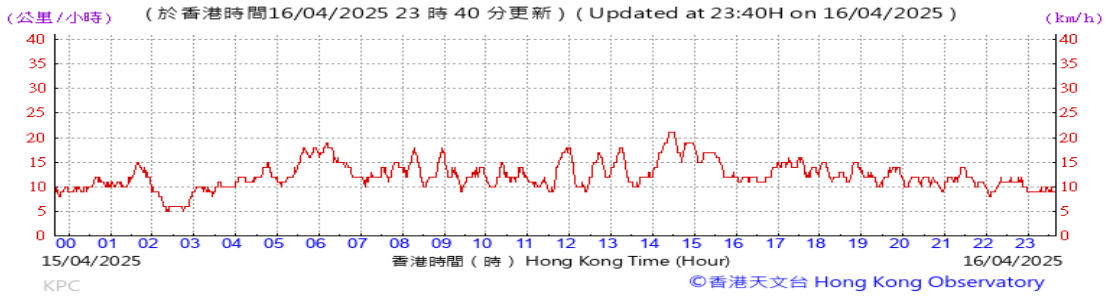

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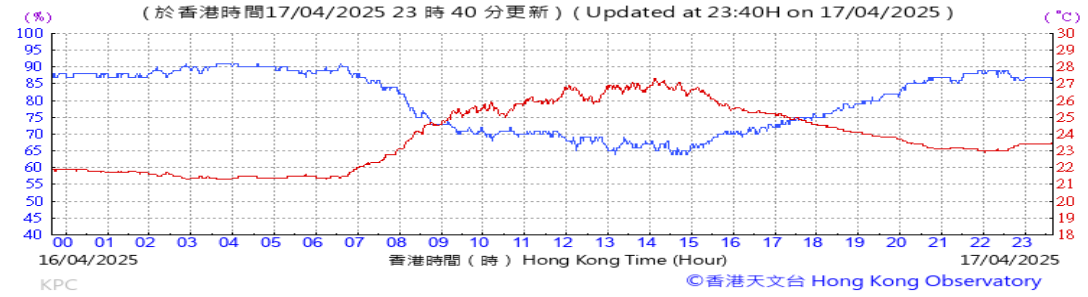

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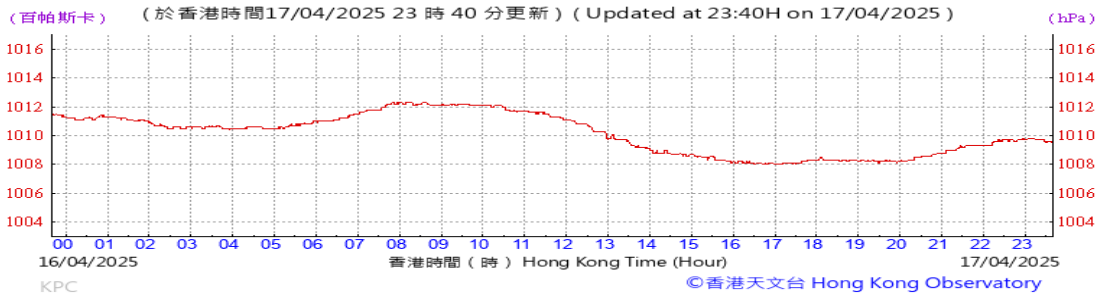

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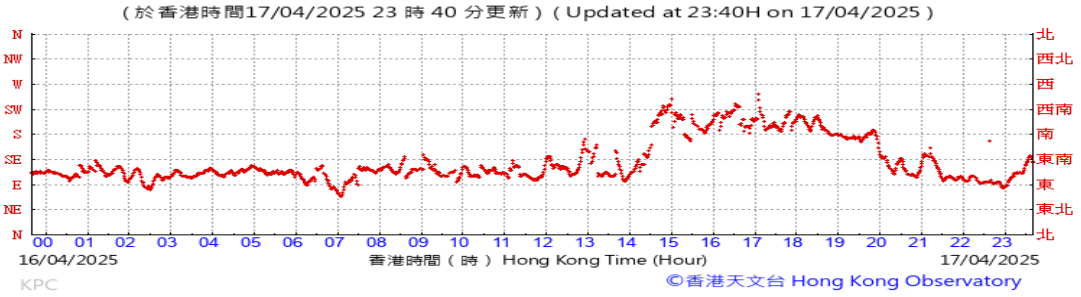

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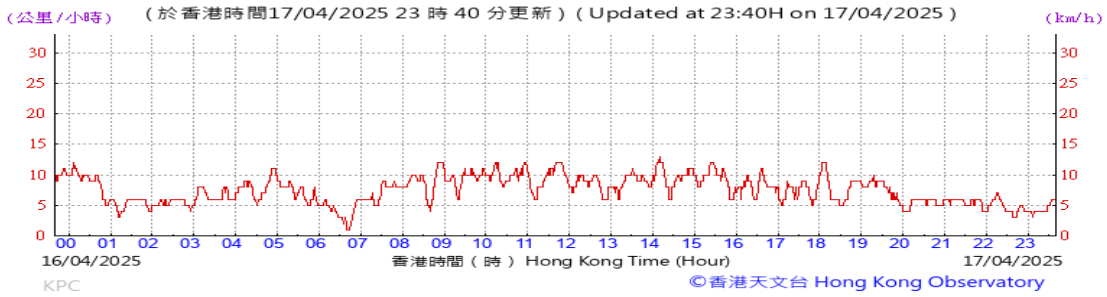

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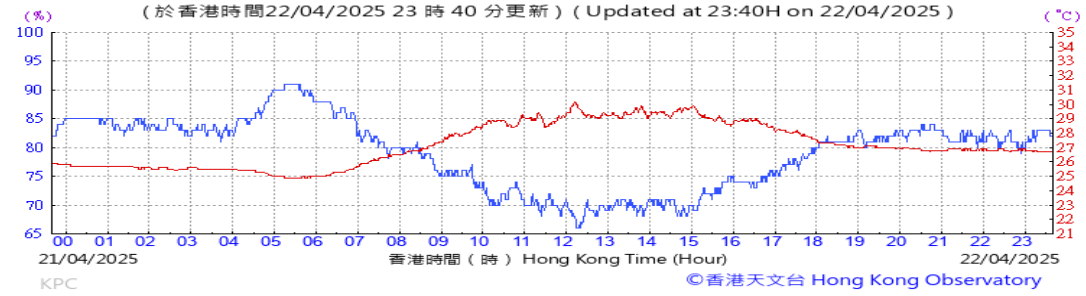

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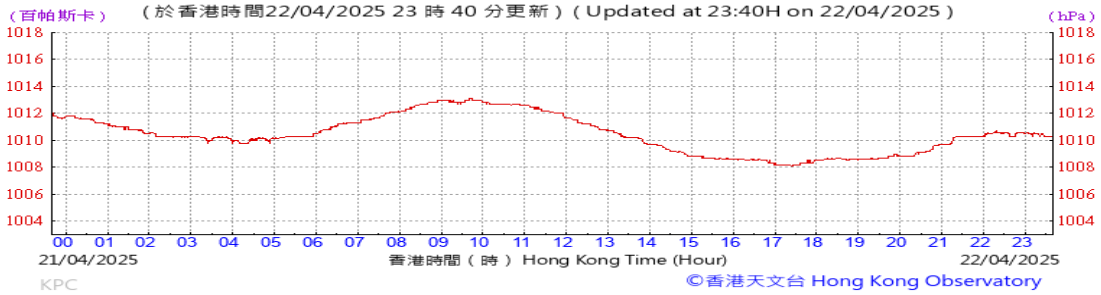

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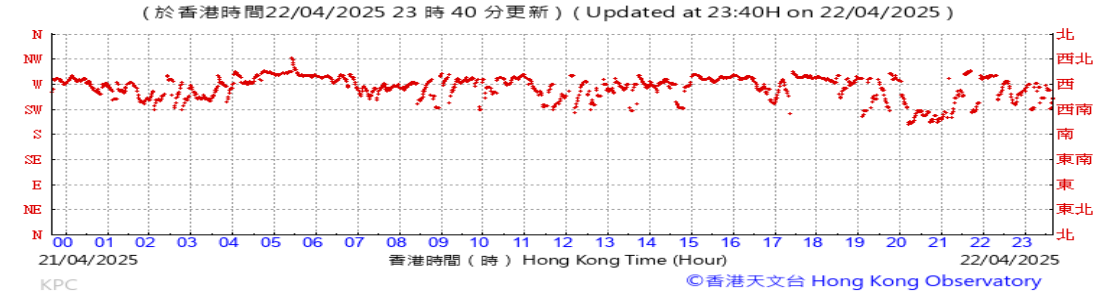

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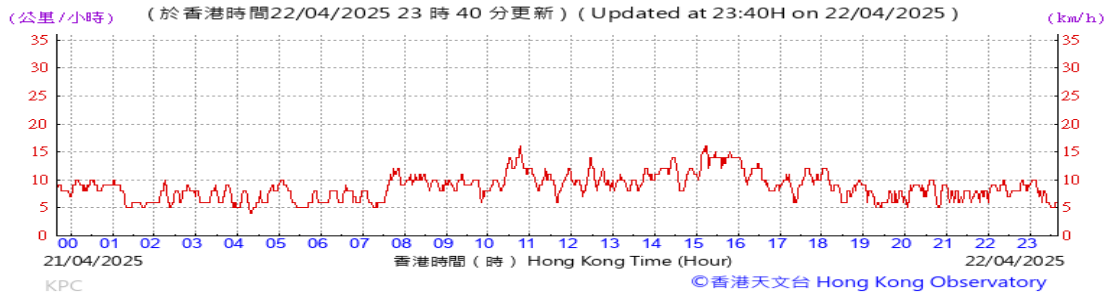

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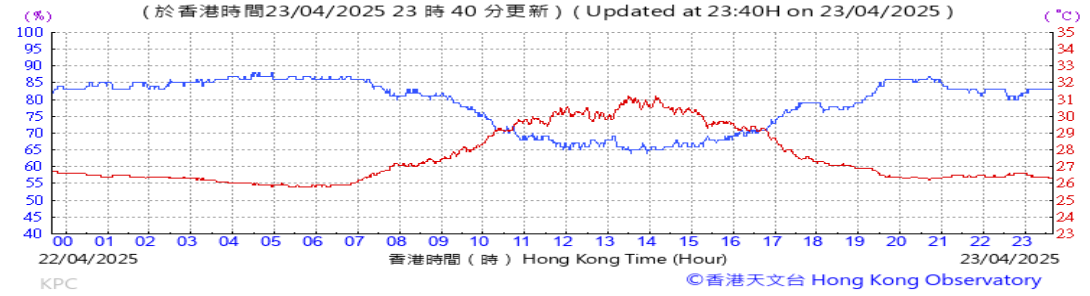

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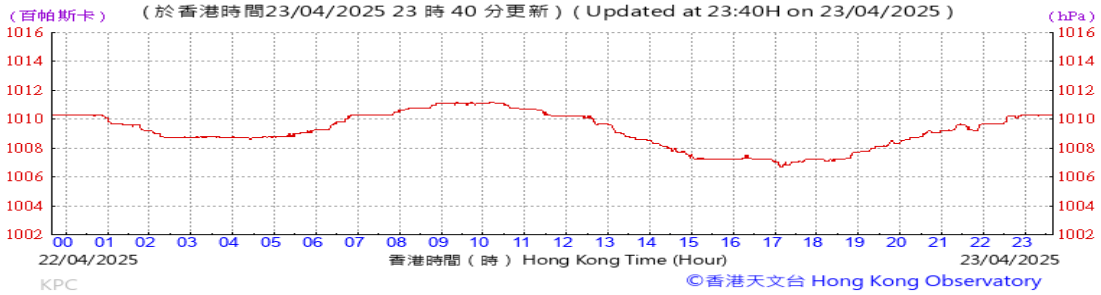

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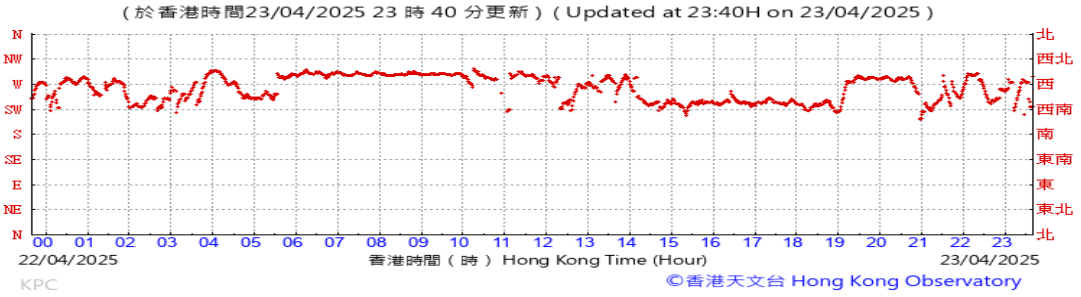

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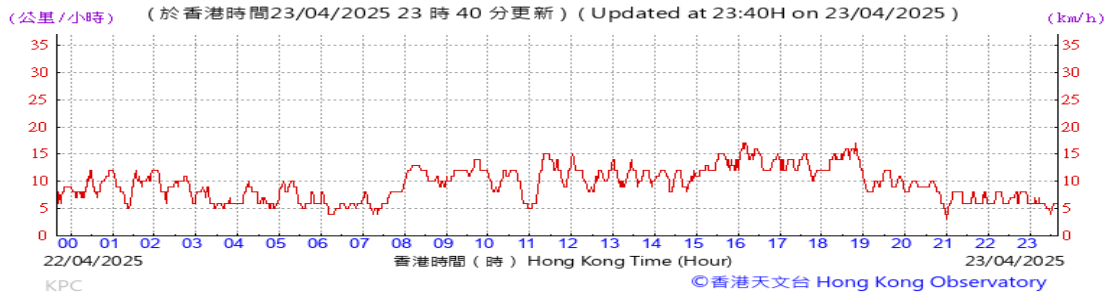

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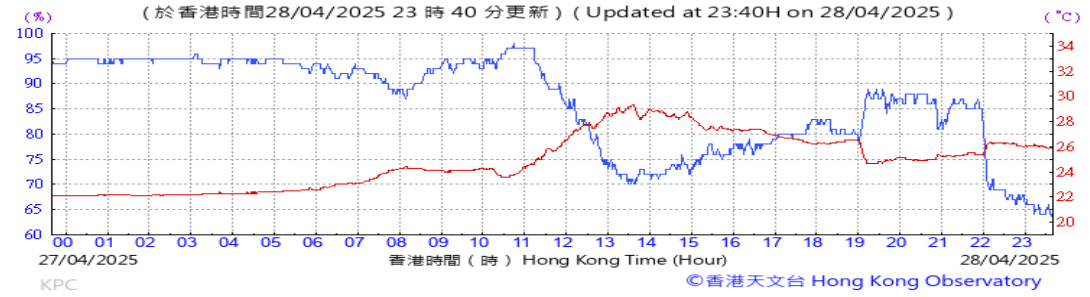

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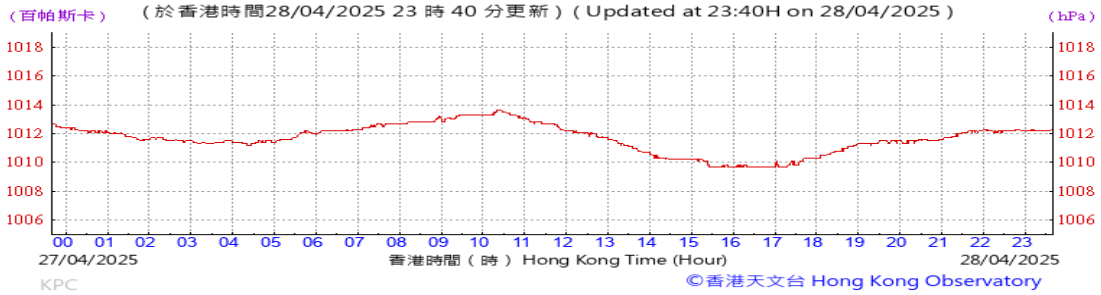

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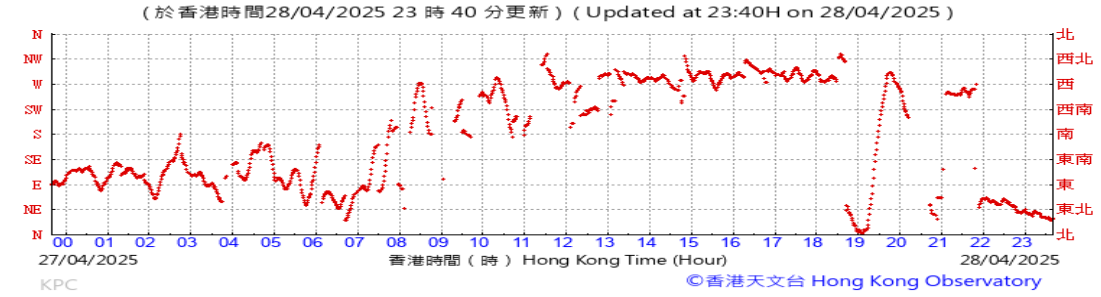

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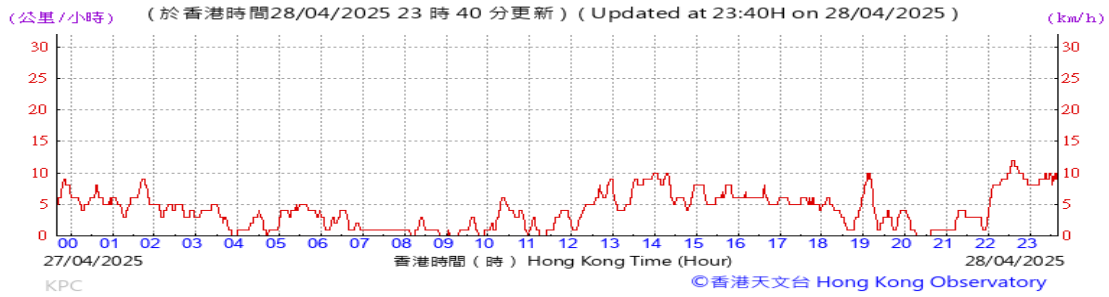

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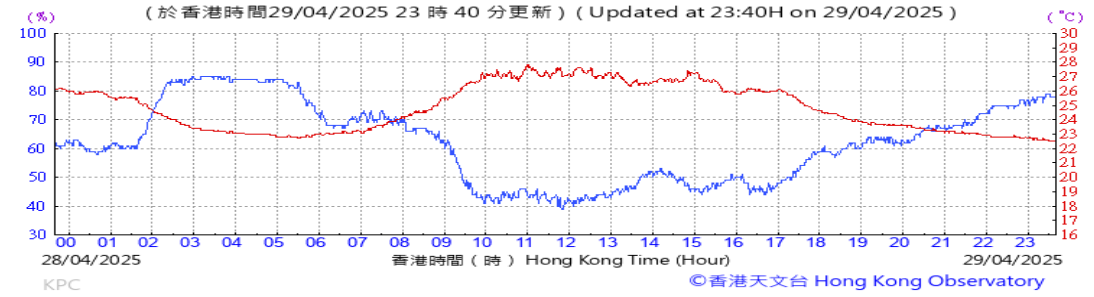

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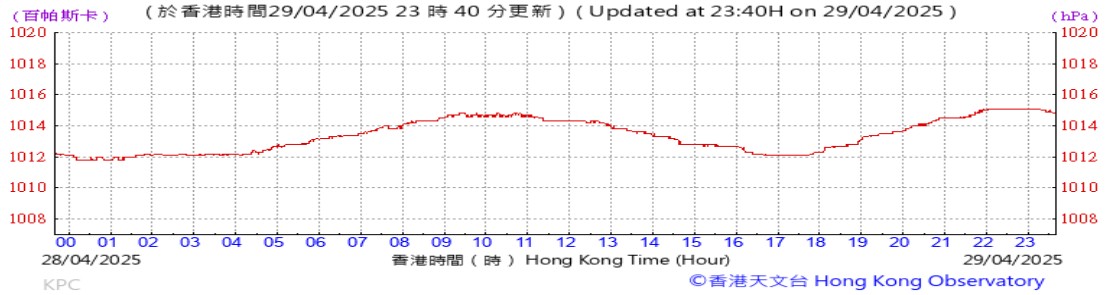

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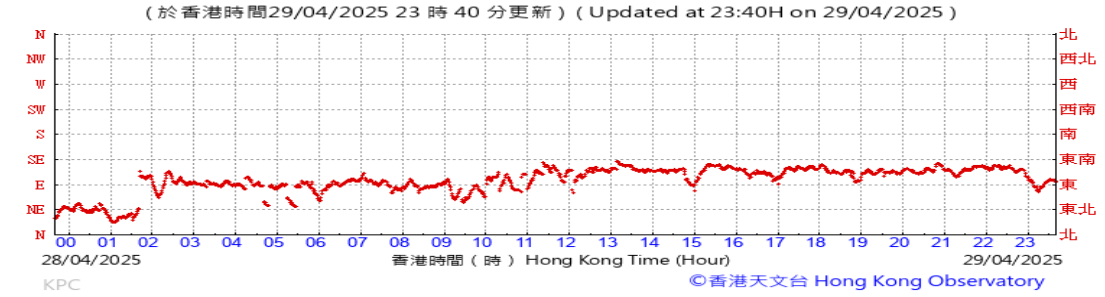
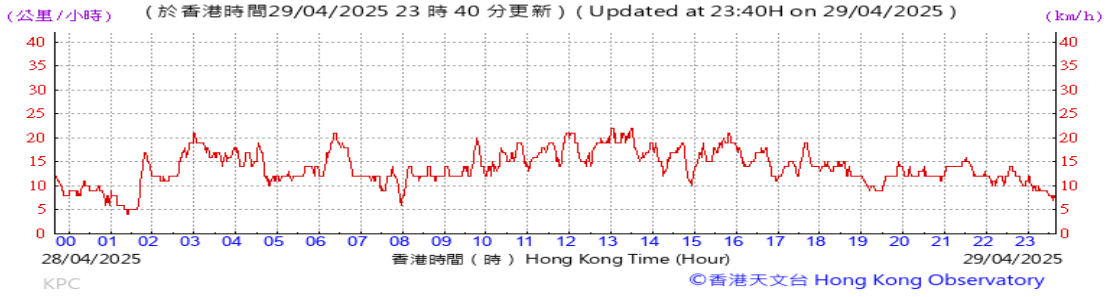


Wind Speed:

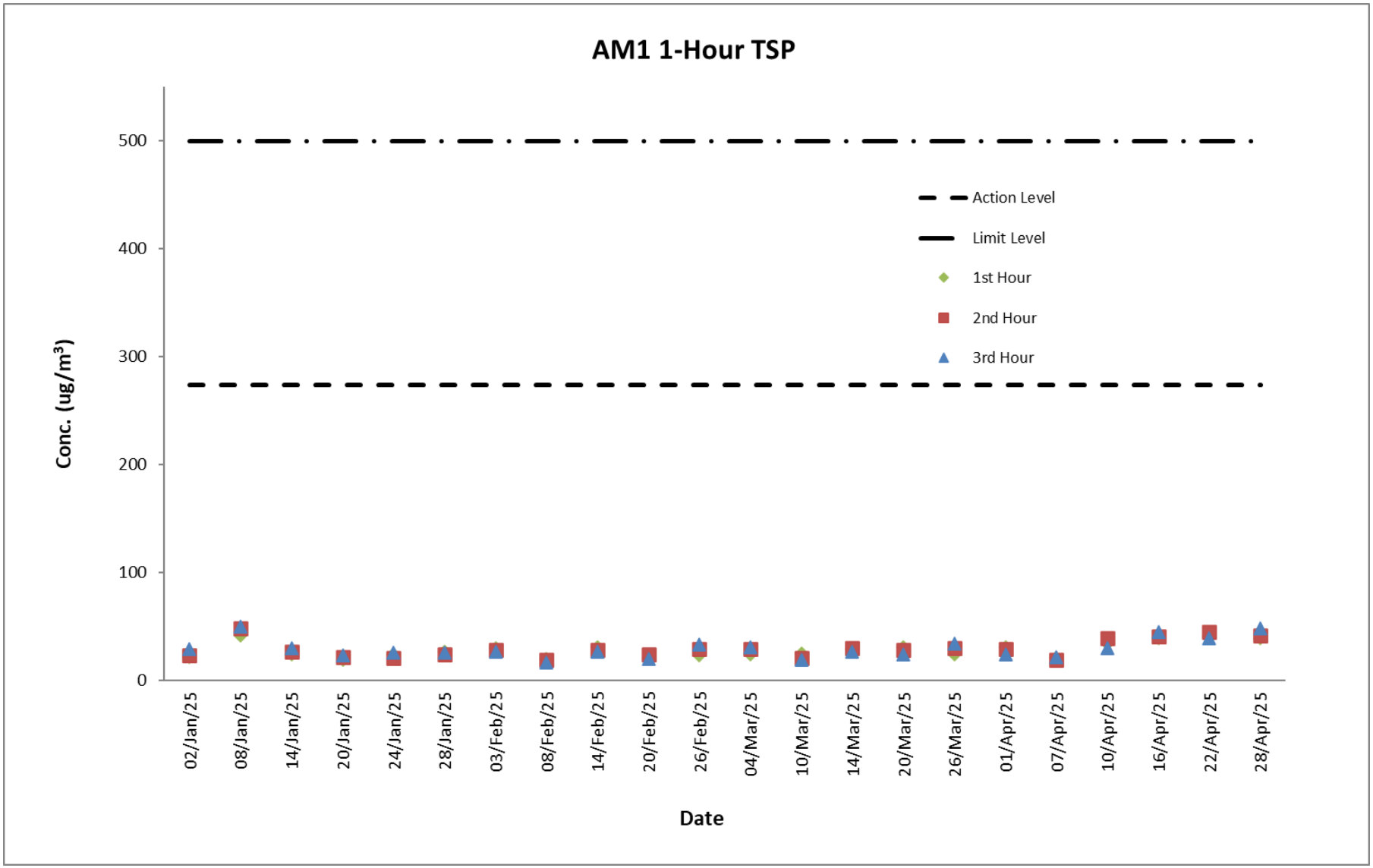


E. Graphical Plots of the Monitoring Results

Air Quality Monitoring Result at Station AM1 (1-hour TSP)

Date	Weather Condition	Time	Conc. (μg/m^3)			Action Level (μg/m3)	Limit Level (μg/m^3)
			1st Hour	2nd Hour	3rd Hour		
3-Feb-25	Cloudy	8:28 - 11:28	30	28	27	273.7	500
8-Feb-25	Cloudy	8:23 - 11:23	20	19	17	273.7	500
14-Feb-25	Cloudy	8:29 - 11:29	31	28	27	273.7	500
20-Feb-25	Cloudy	8:30 - 11:30	21	24	20	273.7	500
26-Feb-25	Cloudy	8:28 - 11:28	23	29	33	273.7	500
4-Mar-25	Cloudy	8:40 - 11:40	24	29	31	273.7	500
10-Mar-25	Fine	8:23 - 11:23	25	21	19	273.7	500
14-Mar-25	Cloudy	8:29 - 11:29	29	30	27	273.7	500
20-Mar-25	Sunny	8:28 - 11:28	31	28	24	273.7	500
26-Mar-25	Fine	8:31 - 11:31	24	30	34	273.7	500
1-Apr-25	Cloudy	8:38 - 11:38	31	29	24	273.7	500
7-Apr-25	Cloudy	8:30 - 11:30	21	19	22	273.7	500
10-Apr-25	Fine	8:33 - 11:33	34	39	30	273.7	500
16-Apr-25	Sunny	8:29 - 11:29	39	41	45	273.7	500
22-Apr-25	Cloudy	8:30 - 11:30	41	45	39	273.7	500
28-Apr-25	Cloudy	8:33 - 11:33	39	42	48	273.7	500

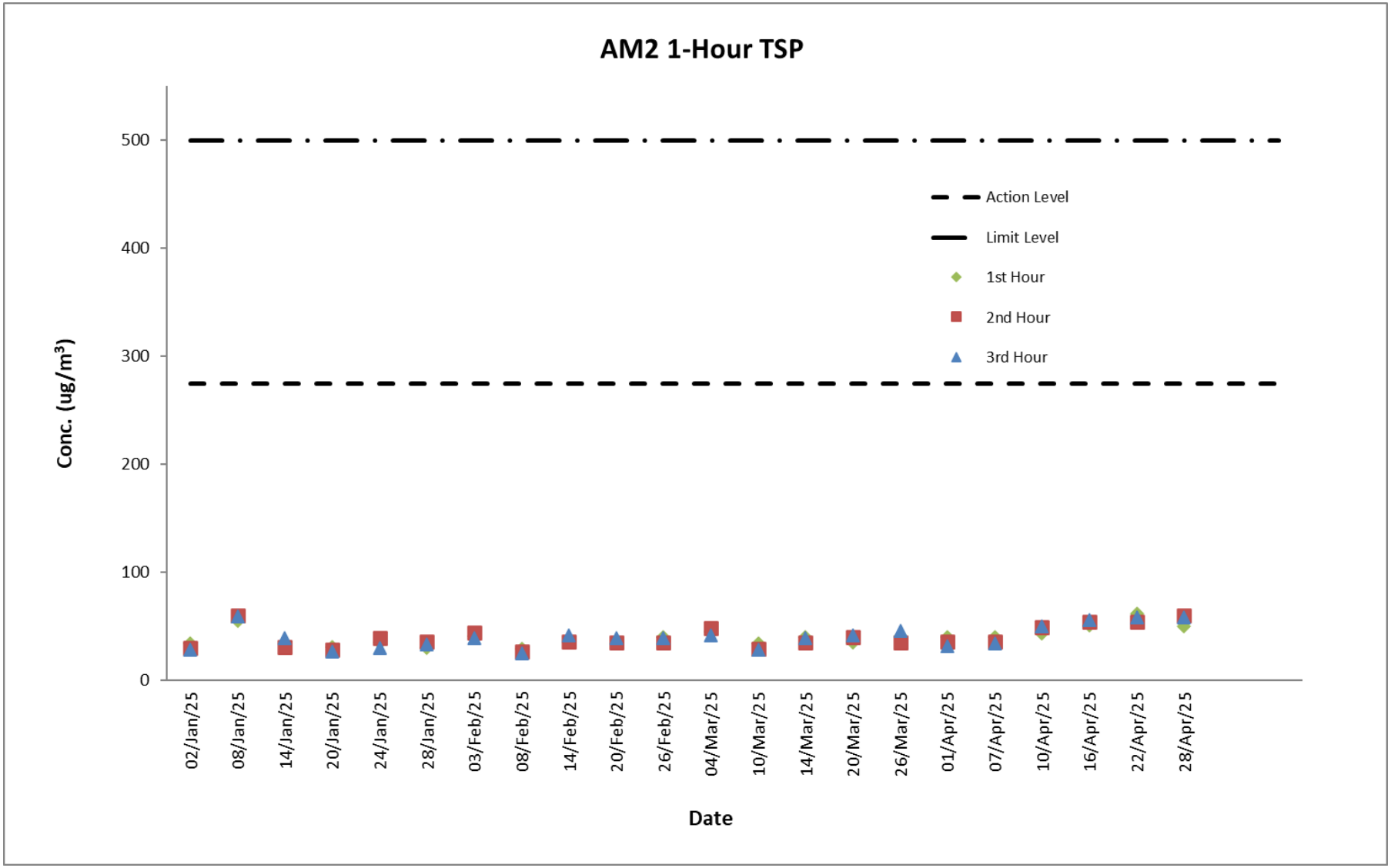
Graphical Presentation of Air Quality Monitoring Result at Station AM1 (1-hour TSP)



Air Quality Monitoring Result at Station AM2 (1-hour TSP)

Date	Weather Condition	Time	Conc. (μg/m^3)			Action Level (μg/m3)	Limit Level (μg/m^3)
			1st Hour	2nd Hour	3rd Hour		
3-Feb-25	Cloudy	8:44 - 11:44	41	44	39	274.2	500
8-Feb-25	Cloudy	8:38 - 11:38	29	27	25	274.2	500
14-Feb-25	Cloudy	8:45 - 11:45	35	36	42	274.2	500
20-Feb-25	Cloudy	8:45 - 11:45	34	35	39	274.2	500
26-Feb-25	Cloudy	8:43 - 11:43	40	35	39	274.2	500
4-Mar-25	Cloudy	8:55 - 11:55	45	48	42	274.2	500
10-Mar-25	Fine	8:39 - 11:39	34	29	28	274.2	500
14-Mar-25	Cloudy	8:45 - 11:45	40	35	39	274.2	500
20-Mar-25	Sunny	8:43 - 11:43	35	40	42	274.2	500
26-Mar-25	Fine	8:46 - 11:46	41	35	46	274.2	500
1-Apr-25	Cloudy	8:44 - 11:44	40	36	32	274.2	500
7-Apr-25	Cloudy	8:45 - 11:45	40	36	34	274.2	500
10-Apr-25	Fine	8:48 - 11:48	43	49	50	274.2	500
16-Apr-25	Sunny	8:43 - 11:43	51	54	56	274.2	500
22-Apr-25	Cloudy	8:44 - 11:44	62	54	58	274.2	500
28-Apr-25	Cloudy	8:49 - 11:49	50	60	58	274.2	500

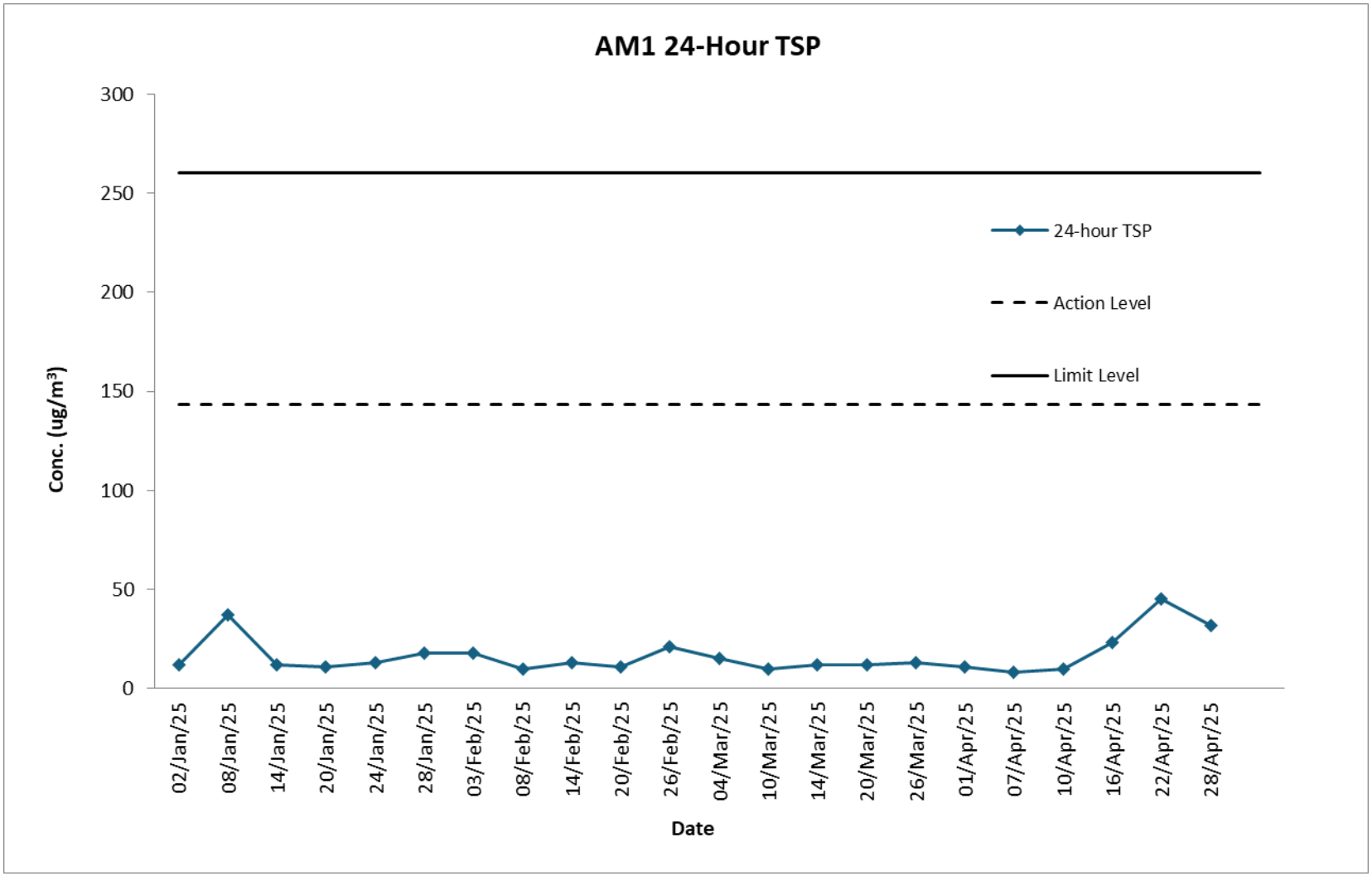
Graphical Presentation of Air Quality Monitoring Result at Station AM2 (1-hour TSP)



Air Quality Monitoring Result at Station AM1 (24-hour TSP)

Start		Finish		Filter Weight (g)		Reading		Sampling	Flow Rate (m^3/min)			Conc.	Weather	Action	Limit
Date	Time	Date	Time	Initial	Final	Initial	Final	Time (hrs)	Initial	Final	Average	(µg/m^3)	Condition	Level	Level
3-Feb-25	8:25	4-Feb-25	8:25	2.8118	2.8382	29260.38	29284.38	24	1.02	1.02	1.02	18	Cloudy	143.6	260
8-Feb-25	8:20	9-Feb-25	8:20	2.8099	2.8242	29284.38	29308.38	24	1.02	1.02	1.02	10	Cloudy	143.6	260
14-Feb-25	8:26	15-Feb-25	8:26	2.8093	2.828	29308.38	29332.38	24	1.02	1.02	1.02	13	Cloudy	143.6	260
20-Feb-25	8:28	21-Feb-25	8:28	2.808	2.8247	29332.38	29356.38	24	1.02	1.02	1.02	11	Cloudy	143.6	260
26-Feb-25	8:25	27-Feb-25	8:25	2.8044	2.835	29356.38	29380.38	24	1.02	1.02	1.02	21	Cloudy	143.6	260
4-Mar-25	8:37	5-Mar-25	8:37	2.8051	2.8277	29380.38	29404.38	24	1.02	1.02	1.02	15	Cloudy	143.6	260
10-Mar-25	8:20	11-Mar-25	8:20	2.8063	2.8242	29404.38	29428.38	24	1.24	1.24	1.24	10	Fine	143.6	260
14-Mar-25	8:26	15-Mar-25	8:26	2.8111	2.8318	29428.38	29452.38	24	1.24	1.24	1.24	12	Cloudy	143.6	260
20-Mar-25	8:25	21-Mar-25	8:25	2.8129	2.8350	29452.38	29476.38	24	1.24	1.24	1.24	12	Sunny	143.6	260
26-Mar-25	8:28	27-Mar-25	8:28	2.8187	2.8420	29476.38	29500.38	24	1.24	1.24	1.24	13	Fine	143.6	260
1-Apr-25	8:35	2-Apr-25	8:35	2.8083	2.8271	29500.38	29524.38	24	1.24	1.24	1.24	11	Cloudy	143.6	260
7-Apr-25	8:28	8-Apr-25	8:28	2.8144	2.8281	29524.38	29548.38	24	1.24	1.24	1.24	8	Cloudy	143.6	260
10-Apr-25	8:30	11-Apr-25	8:30	2.8106	2.8284	29548.38	29572.38	24	1.24	1.24	1.24	10	Fine	143.6	260
16-Apr-25	8:26	17-Apr-25	8:26	2.8140	2.8544	29572.38	29596.38	24	1.24	1.24	1.24	23	Sunny	143.6	260
22-Apr-25	8:27	23-Apr-25	8:27	2.8247	2.9055	29596.38	29620.38	24	1.24	1.24	1.24	45	Cloudy	143.6	260
28-Apr-25	8:30	29-Apr-25	8:30	2.8257	2.8820	29620.38	29644.38	24	1.24	1.24	1.24	32	Cloudy	143.6	260

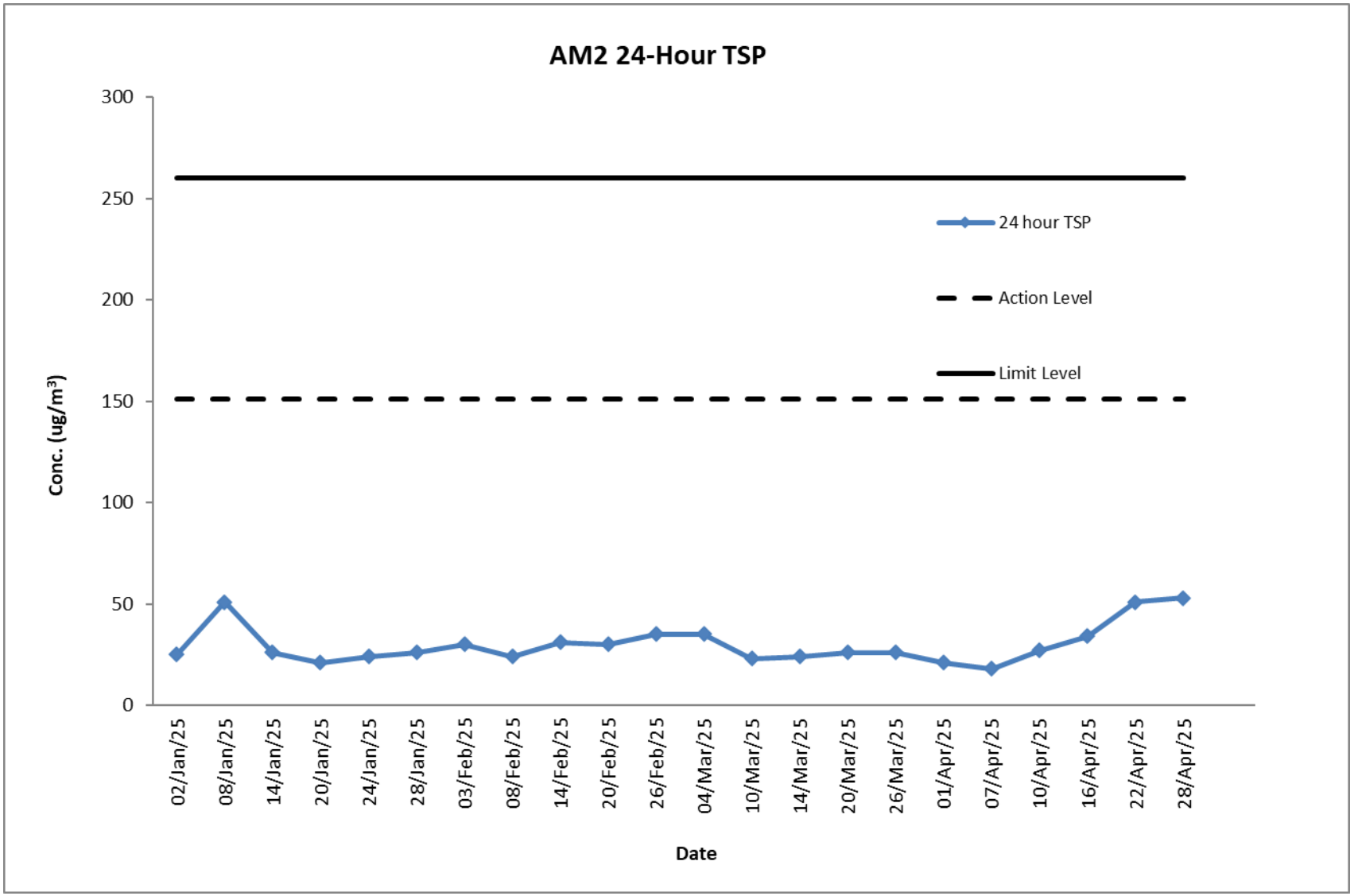
Graphical Presentation of Air Quality Monitoring Result at Station AM1 (24-hour TSP)



Air Quality Monitoring Result at Station AM2 (24-hour TSP)

Start		Finish		Sampling Time (hrs)	Conc. (μg/m^3)	Weather Condition	Action Level	Limit Level
Date	Time	Date	Time					
3-Feb-25	8:41	4-Feb-25	8:41	24	30	Cloudy	151.1	260
8-Feb-25	8:35	9-Feb-25	8:35	24	24	Cloudy	151.1	260
14-Feb-25	8:42	15-Feb-25	8:42	24	31	Cloudy	151.1	260
20-Feb-25	8:43	21-Feb-25	8:43	24	30	Cloudy	151.1	260
26-Feb-25	8:41	27-Feb-25	8:41	24	35	Cloudy	151.1	260
4-Mar-25	8:52	5-Mar-25	8:52	24	35	Cloudy	151.1	260
10-Mar-25	8:36	11-Mar-25	8:36	24	23	Fine	151.1	260
14-Mar-25	8:42	15-Mar-25	8:42	24	24	Cloudy	151.1	260
20-Mar-25	8:41	21-Mar-25	8:41	24	26	Sunny	151.1	260
26-Mar-25	8:44	27-Mar-25	8:44	24	26	Fine	151.1	260
1-Apr-25	8:41	2-Apr-25	8:41	24	21	Cloudy	151.1	260
7-Apr-25	8:42	8-Apr-25	8:42	24	18	Cloudy	151.1	260
10-Apr-25	8:45	11-Apr-25	8:45	24	27	Fine	151.1	260
16-Apr-25	8:41	17-Apr-25	8:41	24	34	Sunny	151.1	260
22-Apr-25	8:42	23-Apr-25	8:42	24	51	Cloudy	151.1	260
28-Apr-25	8:46	29-Apr-25	8:46	24	53	Cloudy	151.1	260

Graphical Presentation of Air Quality Monitoring Result at Station AM2 (24-hour TSP)



Noise Monitoring Result at Station NM1A

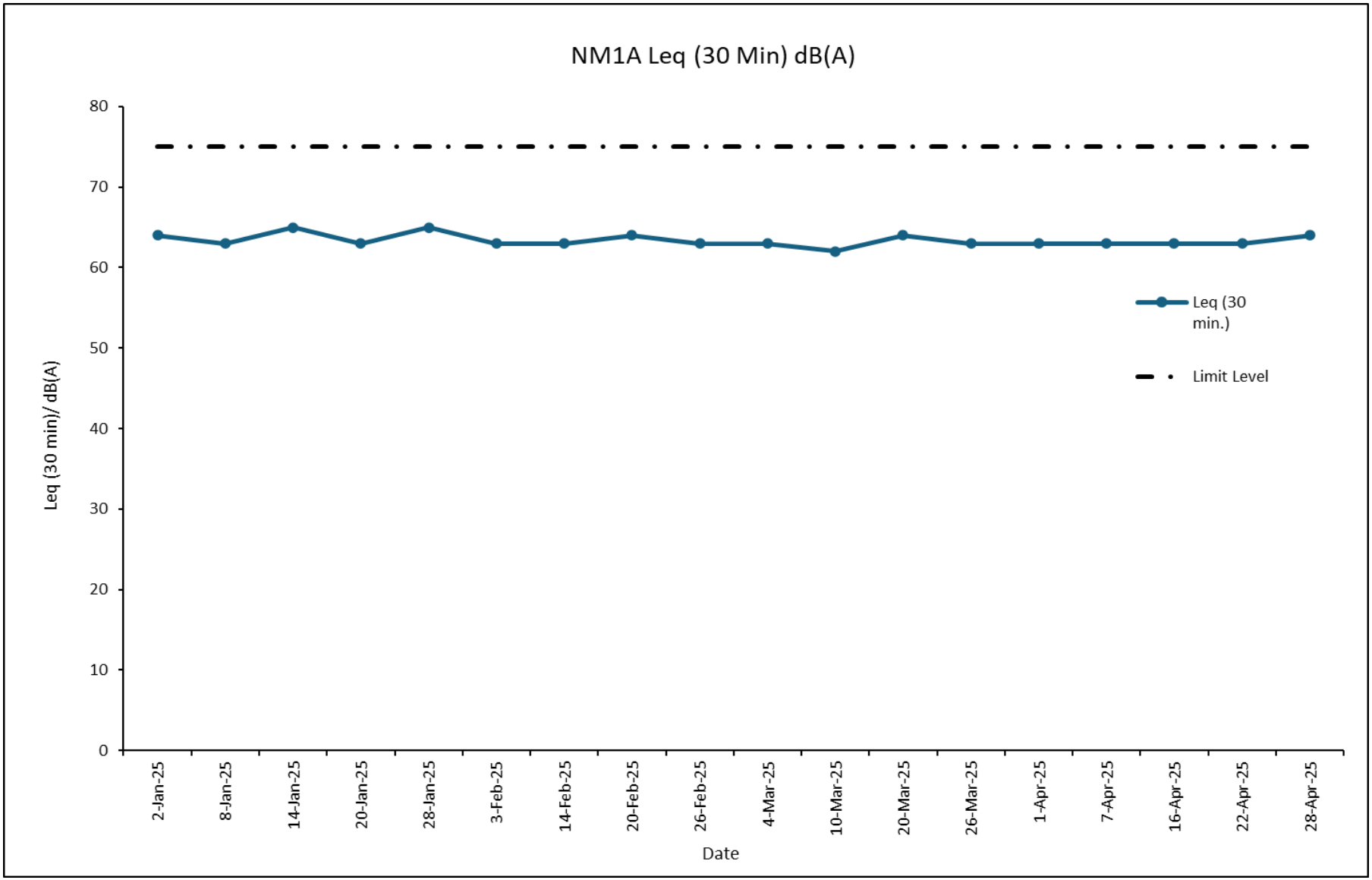
Date	Time	Measured L10 dB(A)	Measured L90 dB(A)	Leq (30 min.) dB(A)
3-Feb-25	9:29	62.5	58.6	63
3-Feb-25	9:34	63.2	59.3	
3-Feb-25	9:39	61.8	57.0	
3-Feb-25	9:44	62.7	58.9	
3-Feb-25	9:49	61.0	57.2	
3-Feb-25	9:54	62.6	58.1	
14-Feb-25	9:30	61.5	57.3	63
14-Feb-25	9:35	62.2	58.6	
14-Feb-25	9:40	63.8	59.0	
14-Feb-25	9:45	60.7	56.9	
14-Feb-25	9:50	61.0	57.7	
14-Feb-25	9:55	62.6	58.6	
20-Feb-25	9:30	64.2	60.3	64
20-Feb-25	9:35	63.5	59.0	
20-Feb-25	9:40	62.8	58.6	
20-Feb-25	9:45	61.0	57.9	
20-Feb-25	9:50	62.7	58.7	
20-Feb-25	9:55	63.6	59.4	
26-Feb-25	9:28	63.5	59.6	63
26-Feb-25	9:33	62.8	58.3	
26-Feb-25	9:38	61.2	57.0	
26-Feb-25	9:43	60.7	56.9	
26-Feb-25	9:48	61.0	57.7	
26-Feb-25	9:53	60.4	56.6	
4-Mar-25	9:40	62.5	58.3	63
4-Mar-25	9:45	61.2	57.0	
4-Mar-25	9:50	61.7	57.6	
4-Mar-25	9:55	63.0	59.4	
4-Mar-25	10:00	62.8	58.7	
4-Mar-25	10:05	61.5	57.9	
10-Mar-25	9:24	60.5	56.6	62
10-Mar-25	9:29	61.8	57.3	
10-Mar-25	9:34	62.2	58.0	
10-Mar-25	9:39	61.7	57.9	
10-Mar-25	9:44	60.0	56.7	
10-Mar-25	9:49	61.5	57.4	
20-Mar-25	9:28	62.8	58.6	64
20-Mar-25	9:33	63.5	59.3	
20-Mar-25	9:38	63.2	59.0	
20-Mar-25	9:43	62.7	58.9	
20-Mar-25	9:48	61.0	57.7	
20-Mar-25	9:53	61.6	57.4	
26-Mar-25	9:30	62.5	58.6	63
26-Mar-25	9:35	61.8	57.3	
26-Mar-25	9:40	63.2	59.0	
26-Mar-25	9:45	62.7	58.9	
26-Mar-25	9:50	61.0	57.7	
26-Mar-25	9:55	62.6	58.4	

1-Apr-25	9:30	62.8	58.6	63
1-Apr-25	9:35	61.5	57.3	
1-Apr-25	9:40	61.2	57.0	
1-Apr-25	9:45	62.7	58.9	
1-Apr-25	9:50	63.0	59.7	
1-Apr-25	9:55	62.6	58.5	
7-Apr-25	9:30	61.5	57.6	63
7-Apr-25	9:35	62.8	58.3	
7-Apr-25	9:40	61.2	57.0	
7-Apr-25	9:45	62.7	58.9	
7-Apr-25	9:50	63.0	59.7	
7-Apr-25	9:55	61.6	57.4	
16-Apr-25	9:28	62.5	58.3	63
16-Apr-25	9:33	61.2	57.6	
16-Apr-25	9:38	61.8	57.0	
16-Apr-25	9:43	63.7	59.9	
16-Apr-25	9:48	62.0	58.7	
16-Apr-25	9:53	61.9	57.6	
22-Apr-25	9:29	61.5	57.3	63
22-Apr-25	9:34	62.2	58.6	
22-Apr-25	9:39	61.8	57.0	
22-Apr-25	9:44	62.7	58.9	
22-Apr-25	9:49	61.0	57.7	
22-Apr-25	9:54	62.9	58.6	
28-Apr-25	9:33	62.8	58.6	64
28-Apr-25	9:38	61.5	57.3	
28-Apr-25	9:43	63.2	59.0	
28-Apr-25	9:48	61.9	57.9	
28-Apr-25	9:53	62.0	58.7	
28-Apr-25	9:58	63.6	59.4	

Remarks:
+3dB (A) correction was applied to free-field measurement.

The station set-up of a free-field measurement at Station NM1A.

Graphical Presentation Noise Monitoring Result at Station NM1A



F. Waste Flow table

Table F-1: Monthly Waste Flow Table for Lyric Theatre Complex

Month	Actual Quantities of Inert C&D Materials Generated Monthly							Actual Quantities of C&D Wastes Generated Monthly					
	Total Quantity Generated	Hard Rocks and Large Broken Concrete	Reused in the Contract	Reused in other Projects	Disposed as Public Fill	Disposed to Sorting Facilty	Imported Fill	Metals	Paper/ Cardboard Packaging	Plastics	Wood/ Timber	Chemical Waste	Others, e.g. General Refuse
	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)
2016													
Mar	2702.1	0.0	0.0	0.0	2702.1	0.0	0.0	4.5	0.1	0.0	0.0	0.0	30.6
Apr	8631.5	0.0	0.0	0.0	8631.5	0.0	0.0	16.0	0.0	0.0	0.0	0.0	19.2
May	12487.8	0.0	0.0	0.0	12487.8	0.0	0.0	34.0	0.0	0.0	0.0	0.7	60.5
Jun	8600.8	0.0	0.0	0.0	8600.8	0.0	0.0	31.4	0.2	0.0	0.0	0.5	13.5
Jul	12624.2	0.0	0.0	0.0	12624.2	0.0	0.0	19.6	0.0	0.0	0.0	2.0	9.9
Aug	14419.9	0.0	0.0	0.0	14419.9	0.0	0.0	43.9	0.0	0.0	0.0	0.0	11.1
Sep	13671.3	0.0	0.0	0.0	13671.3	0.0	0.0	59.8	0.0	0.0	0.0	1.6	12.4
Oct	13088.9	0.0	0.0	0.0	13088.9	0.0	0.0	36.9	0.2	1.5	0.0	0.0	15.2
Nov	12424.7	0.0	0.0	0.0	12424.7	0.0	0.0	74.7	0.0	0.0	0.0	1.4	10.2
Dec	12487.6	0.0	0.0	0.0	12487.6	0.0	0.0	13.9	0.0	0.0	0.0	1.3	9.0
Sub-total (2016)	111138.8	0.0	0.0	0.0	111138.8	0.0	0.0	334.5	0.4	1.5	0.0	7.6	191.6
2017													
Jan	9607.8	0.0	0.0	0.0	9607.8	0.0	0.0	29.5	0.0	0.0	0.0	0.0	7.3
Feb	9108.2	0.0	0.0	0.0	9108.2	0.0	0.0	50.2	0.2	0.0	0.0	0.7	9.8
Mar	11361.7	0.0	0.0	0.0	11361.7	0.0	0.0	16.1	0.0	0.0	0.0	1.4	8.5
Apr	2591.5	0.0	0.0	0.0	2591.5	0.0	0.0	35.7	0.0	0.0	0.0	0.0	4.7
May	2579.3	0.0	0.0	99.0	2480.3	0.0	0.0	20.9	0.1	0.0	0.0	0.5	10.0
Jun	476.0	0.0	0.0	341.0	129.7	5.3	0.0	0.0	0.0	0.0	0.0	0.0	7.6
Jul	3419.0	0.0	0.0	804.0	2615.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.8
Aug	3730.9	0.0	0.0	1377.5	2353.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.4
Sep	2108.2	0.0	0.0	1133.5	974.7	0.0	0.0	34.6	0.2	0.0	0.0	0.0	10.8
Oct	9159.0	0.0	0.0	7868.0	1291.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	9.3
Nov	5095.4	0.0	0.0	4352.0	725.2	18.1	0.0	0.0	0.0	0.0	0.0	0.0	38.8
Dec	3856.2	0.0	0.0	3076.0	780.2	0.0	0.0	0.0	0.2	0.0	0.0	0.4	8.4
Sub-total (2017)	63093.1	0.0	0.0	19051.0	44018.7	23.4	0.0	187.1	0.7	0.0	0.0	3.8	137.3

Table F-1: Monthly Waste Flow Table for Lyric Theatre Complex

Month	Actual Quantities of Inert C&D Materials Generated Monthly							Actual Quantities of C&D Wastes Generated Monthly					
	Total Quantity Generated	Hard Rocks and Large Broken Concrete	Reused in the Contract	Reused in other Projects	Disposed as Public Fill	Disposed to Sorting Facilty	Imported Fill	Metals	Paper/ Cardboard Packaging	Plastics	Wood/ Timber	Chemical Waste	Others, e.g. General Refuse
	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)
2018													
Jan	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Feb	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5
Mar	6120.2	0.0	0.0	5782.0	338.2	0.0	0.0	0.0	0.0	1.0	0.0	0.5	17.6
Apr	14460.3	0.0	0.0	12484.1	1976.3	0.0	0.0	0.0	0.0	0.2	0.0	0.0	7.6
May	59783.7	0.0	0.0	46989.0	12794.7	0.0	0.0	59.6	0.0	0.0	0.0	0.0	9.4
Jun	53117.5	0.0	0.0	37642.8	15474.7	0.0	0.0	51.5	0.2	0.0	0.0	0.0	12.8
Jul	89901.5	0.0	0.0	85317.1	4584.4	0.0	165.1	114.6	0.0	0.0	0.0	0.0	41.3
Aug	35137.3	0.0	0.0	33731.6	1405.7	0.0	214.3	148.1	0.0	0.0	0.0	0.0	48.5
Sep	4924.3	0.0	0.0	4641.2	196.1	87.0	174.6	40.0	0.0	0.0	0.0	0.0	179.2
Oct	19099.9	0.0	0.0	11301.0	7642.8	156.1	0.0	106.3	0.4	0.0	0.0	0.0	528.5
Nov	104168.0	0.0	0.0	79811.6	24351.0	5.3	0.0	54.5	0.0	0.6	0.0	0.0	31.5
Dec	62989.9	0.0	0.0	51284.4	11699.9	5.6	0.0	95.1	0.0	0.6	0.0	0.0	65.9
Sub-total (2018)	449702.6	0.0	0.0	368984.8	80463.7	254.0	553.9	669.7	0.5	2.4	0.0	0.5	943.7
2019													
Jan	74479.1	0.0	0.0	69249.5	5229.7	0.0	318.0	326.7	0.2	0.0	0.0	0.0	76.3
Feb	21969.9	0.0	0.0	17723.9	4246.0	0.0	16.5	55.2	0.0	0.0	0.0	0.0	26.7
Mar	19311.9	0.0	0.0	8569.9	10742.0	0.0	337.8	61.5	0.0	0.0	0.0	0.0	36.3
Apr	28559.9	0.0	0.0	21280.3	7279.6	0.0	0.0	32.6	0.0	0.8	0.0	0.0	24.9
May	45418.0	0.0	0.0	11200.6	34217.4	0.0	0.0	27.4	0.2	0.5	0.0	0.0	33.7
Jun	66633.4	0.0	0.0	23874.5	42748.0	10.9	59.2	11.9	0.0	0.9	0.0	0.0	35.3
Jul	36619.6	0.0	0.0	1632.7	34960.9	26.0	64.4	120.7	0.0	0.0	0.0	0.0	57.9
Aug	2526.8	0.0	0.0	0.0	2499.0	27.8	31.9	40.2	0.0	0.8	0.0	0.0	66.3
Sep	4117.6	0.0	0.0	0.0	4088.7	28.9	95.2	19.0	0.0	0.6	0.0	0.0	127.4
Oct	6974.2	0.0	0.0	0.0	6948.1	26.1	15.9	11.4	0.2	1.0	0.0	0.6	223.6
Nov	5334.4	0.0	0.0	0.0	5304.1	30.3	0.0	8.9	0.0	0.0	0.0	0.0	151.6
Dec	6236.8	0.0	0.0	0.0	6236.8	0.0	0.0	70.6	0.0	0.0	0.0	0.0	98.9
Sub-total (2019)	318181.6	0.0	0.0	153531.3	164500.1	150.1	938.9	785.8	0.6	4.6	0.0	0.6	959.0

Table F-1: Monthly Waste Flow Table for Lyric Theatre Complex

Month	Actual Quantities of Inert C&D Materials Generated Monthly							Actual Quantities of C&D Wastes Generated Monthly					
	Total Quantity Generated	Hard Rocks and Large Broken Concrete	Reused in the Contract	Reused in other Projects	Disposed as Public Fill	Disposed to Sorting Facilty	Imported Fill	Metals	Paper/ Cardboard Packaging	Plastics	Wood/ Timber	Chemical Waste	Others, e.g. General Refuse
	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)
2020													
Jan	7089.9	0.0	0.0	0.0	7089.9	0.0	0.0	10.6	0.2	0.0	0.0	0.0	65.7
Feb	16822.3	0.0	0.0	0.0	16822.3	0.0	0.0	232.2	0.1	0.0	0.0	0.0	66.3
Mar	6559.0	0.0	0.0	0.0	6559.0	0.0	110.4	63.1	0.0	0.9	0.0	0.0	138.3
Apr	4997.9	0.0	0.0	1615.7	3382.2	0.0	159.2	1123.9	1.9	0.0	0.0	0.0	113.2
May	2236.0	0.0	0.0	452.3	1783.6	0.0	0.0	406.5	0.0	0.0	0.0	0.0	188.8
Jun	1134.3	0.0	0.0	0.0	1134.3	0.0	31.5	262.6	0.2	0.6	0.0	0.0	210.6
Jul	148.8	0.0	0.0	0.0	148.8	0.0	31.5	458.5	0.5	0.0	0.0	0.0	220.0
Aug	540.7	0.0	0.0	0.0	540.7	0.0	0.0	340.8	0.0	0.0	0.0	0.0	238.3
Sep	1432.3	0.0	0.0	0.0	1432.3	0.0	0.0	750.7	0.2	0.0	0.0	0.0	291.9
Oct	1381.5	0.0	0.0	0.0	1381.5	0.0	0.0	717.9	0.2	0.0	0.0	0.0	400.2
Nov	1444.1	0.0	0.0	0.0	1437.4	6.7	475.8	473.6	0.2	0.5	0.0	0.0	377.8
Dec	793.8	0.0	0.0	0.0	793.8	0.0	0.0	478.3	0.2	0.0	0.0	0.0	435.8
Sub-total (2020)	44580.6	0.0	0.0	2068.1	42505.8	6.7	808.3	5318.7	3.7	2.0	0.0	0.0	2746.8
2021													
Jan	881.4	0.0	0.0	0.0	881.4	0.0	0.0	835.1	0.4	0.0	0.0	0.0	497.0
Feb	544.7	0.0	0.0	0.0	544.7	0.0	0.0	100.5	0.3	0.0	0.0	0.0	504.7
Mar	406.1	0.0	0.0	0.0	406.1	0.0	0.0	455.8	0.3	0.0	0.0	0.0	881.7
Apr	633.0	0.0	0.0	0.0	633.0	0.0	0.0	429.9	0.7	0.0	0.0	0.0	613.0
May	1125.8	0.0	0.0	0.0	1125.8	0.0	0.0	355.1	0.2	0.1	0.0	0.0	355.2
Jun	877.3	0.0	0.0	0.0	877.3	0.0	0.0	98.4	0.2	0.0	0.0	0.4	420.3
Jul	8.9	0.0	0.0	0.0	0.0	8.9	0.0	43.9	2.0	0.0	0.0	0.0	278.2
Aug	1296.2	0.0	0.0	0.0	1296.2	0.0	0.0	161.5	0.0	0.0	0.0	0.0	459.1
Sep	1040.5	0.0	0.0	0.0	490.9	549.6	0.0	62.9	0.0	0.0	0.0	0.0	620.8
Oct	311.0	0.0	0.0	0.0	311.0	0.0	0.0	85.9	0.3	0.0	0.0	0.0	485.6
Nov	203.9	0.0	0.0	0.0	203.9	0.0	0.0	65.9	0.0	0.0	0.0	0.0	609.6
Dec	576.6	0.0	0.0	0.0	576.6	0.0	0.0	13.4	0.0	0.0	0.0	0.0	590.6
Sub-total (2021)	7905.3	0.0	0.0	0.0	7346.9	558.5	0.0	2708.2	4.4	0.1	0.0	0.4	6315.9

Table F-1: Monthly Waste Flow Table for Lyric Theatre Complex

Month	Actual Quantities of Inert C&D Materials Generated Monthly							Actual Quantities of C&D Wastes Generated Monthly					
	Total Quantity Generated	Hard Rocks and Large Broken Concrete	Reused in the Contract	Reused in other Projects	Disposed as Public Fill	Disposed to Sorting Facilty	Imported Fill	Metals	Paper/ Cardboard Packaging	Plastics	Wood/ Timber	Chemical Waste	Others, e.g. General Refuse
	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)
2022													
Jan	579.3	0.0	0.0	0.0	579.3	0.0	0.0	23.5	0.4	0.0	0.0	0.0	565.5
Feb	58.9	0.0	0.0	0.0	58.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	172.2
Mar	412.8	0.0	0.0	0.0	412.8	0.0	0.0	12.4	0.3	0.0	0.0	0.0	339.8
Apr	390.2	0.0	0.0	0.0	390.2	0.0	0.0	24.8	0.0	0.0	0.0	0.0	390.9
May	350.1	0.0	0.0	0.0	342.9	7.2	0.0	44.3	0.3	0.1	0.0	0.0	401.9
Jun	200.4	0.0	0.0	0.0	200.4	0.0	0.0	21.1	0.0	0.0	0.0	1.1	447.8
Jul	166.8	0.0	0.0	0.0	166.8	0.0	0.0	6.3	0.3	0.0	0.0	0.7	343.9
Aug	150.9	0.0	0.0	0.0	150.9	0.0	0.0	9.6	0.4	0.2	0.0	0.0	410.6
Sep	437.6	0.0	0.0	0.0	437.6	0.0	0.0	11.5	0.3	0.0	0.0	0.0	348.3
Oct	708.0	0.0	0.0	0.0	708.0	0.0	0.0	13.8	0.0	0.0	0.0	0.0	353.0
Nov	244.1	0.0	0.0	0.0	244.1	0.0	0.0	47.3	0.3	0.0	0.0	0.0	427.4
Dec	337.4	0.0	0.0	0.0	337.4	0.0	0.0	28.1	0.0	0.0	0.0	0.0	385.3
Sub-total (2022)	4036.4	0.0	0.0	0.0	4029.3	7.2	0.0	242.7	2.3	0.3	0.0	1.8	4586.6
2023													
Jan	307.0	0.0	0.0	0.0	307.0	0.0	0.0	44.5	0.0	0.0	0.0	0.0	415.1
Feb	1087.8	0.0	0.0	0.0	1087.8	0.0	0.0	22.9	0.4	0.0	0.0	0.0	411.4
Mar	1944.0	0.0	0.0	0.0	1944.0	0.0	0.0	37.7	0.0	0.0	0.0	0.0	469.6
Apr	819.5	0.0	0.0	0.0	819.5	0.0	0.0	218.7	0.0	0.0	0.0	0.0	320.5
May	842.1	0.0	0.0	0.0	842.1	0.0	0.0	35.6	0.3	0.0	0.0	0.0	439.4
Jun	952.1	0.0	0.0	0.0	952.1	0.0	0.0	22.9	0.2	0.0	0.0	0.0	399.3
Jul	583.1	0.0	0.0	0.0	583.1	0.0	0.0	38.3	0.0	0.0	0.0	0.0	421.6
Aug	778.2	0.0	0.0	0.0	778.2	0.0	0.0	28.5	0.0	0.0	0.0	0.0	427.9
Sep	316.4	0.0	0.0	0.0	316.4	0.0	0.0	14.8	0.1	0.0	0.0	0.0	344.3
Oct	1253.3	0.0	0.0	0.0	1253.3	0.0	0.0	17.9	0.0	0.0	0.0	0.0	353.9
Nov	862.7	0.0	0.0	0.0	862.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	436.4
Dec	337.8	0.0	0.0	0.0	337.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	374.0
Sub-total (2023)	10084.0	0.0	0.0	0.0	10084.0	0.0	0.0	481.8	1.0	0.0	0.0	0.0	4813.3

Table F-1: Monthly Waste Flow Table for Lyric Theatre Complex

Month	Actual Quantities of Inert C&D Materials Generated Monthly							Actual Quantities of C&D Wastes Generated Monthly					
	Total Quantity Generated	Hard Rocks and Large Broken Concrete	Reused in the Contract	Reused in other Projects	Disposed as Public Fill	Disposed to Sorting Facilty	Imported Fill	Metals	Paper/ Cardboard Packaging	Plastics	Wood/ Timber	Chemical Waste	Others, e.g. General Refuse
	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)
2024													
Jan	256.8	0.0	0.0	0.0	256.8	0.0	0.0	11.1	0.6	0.0	0.0	0.0	448.6
Feb	321.4	0.0	0.0	0.0	321.4	0.0	0.0	9.4	0.6	0.0	0.0	0.0	263.4
Mar	1167.4	0.0	0.0	0.0	1167.4	0.0	0.0	445.3	0.2	0.0	0.0	0.0	360.9
Apr	283.5	0.0	0.0	0.0	283.5	0.0	0.0	0.0	0.2	0.0	0.0	0.0	467.1
May	534.3	0.0	0.0	0.0	534.3	0.0	0.0	16.9	0.7	0.0	0.0	0.0	376.3
Jun	175.1	0.0	0.0	0.0	175.1	0.0	0.0	73.5	0.0	0.0	0.0	0.0	339.3
Jul	1171.9	0.0	0.0	0.0	1171.9	0.0	0.0	43.6	0.0	0.0	0.0	0.0	408.4
Aug	1056.5	0.0	0.0	0.0	1056.5	0.0	0.0	0.0	0.2	0.0	0.0	0.0	354.2
Sep	286.0	0.0	0.0	0.0	286.0	0.0	0.0	8.9	0.5	0.0	0.0	0.0	383.6
Oct	433.3	0.0	0.0	0.0	433.3	0.0	0.0	93.1	0.0	0.0	0.0	0.0	520.4
Nov	599.0	0.0	0.0	0.0	599.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	708.8
Dec	291.0	0.0	0.0	0.0	291.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	646.5
Sub-total (2024)	6576.1	0.0	0.0	0.0	6576.1	0.0	0.0	701.7	3.0	0.0	0.0	0.0	5277.5
2025													
Jan	318.6	0.0	0.0	0.0	312.8	5.8	0.0	0.0	0.1	0.0	0.0	0.0	714.3
Feb	1147.3	0.0	0.0	0.0	1147.3	0.0	0.0	0.0	0.1	0.0	0.0	0.0	600.1
Mar	1513.2	0.0	0.0	0.0	1513.2	0.0	0.0	0.0	0.5	0.0	0.0	0.0	592.8
Apr	335.3	0.0	0.0	0.0	335.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	564.2
Sub-total (2025)	3314.4	0.0	0.0	0.0	3308.6	5.8	0.0	0.0	0.7	0.0	0.0	0.0	2471.4
Total	**1018612.8**	**0.0**	**0.0**	**543635.2**	**473971.8**	**1005.7**	**2301.1**	**11430.0**	**17.3**	**10.8**	**0.0**	**14.7**	**28443.0**

Note:

(1) 2005.39, 990.41 and 0 tonnes of inert C&D material were disposed of as public fill to Tseung Kwan O Area 137, Tuen Mun Area 38, and Chai Wan Public Fill
(2) The values in the table are rounded off to 1 decimal place.

G. Cumulative Statistics on Complaints, Notifications of Summons and Successful Prosecutions

Cumulative statistics for complaints, notifications of summons and successful prosecutions for the Project account for period starting from the date of commencement of construction works to the end of the reporting quarter are summarized in **Table G-1** below.

Table G-1: Statistics for complaints, notifications of summons and successful prosecutions for Lyric Theatre Complex

Reporting Period	Cumulative Statistics		
	Complaints	**Notifications of summons**	**Successful prosecutions**
This reporting quarter (Feb 25 – Apr 25)	0	0	0
From 1 March 2016 to end of the reporting quarter	62	0	0

END OF PART-1

Part-2: EM&A for ELS Works for The Integrated Basement and Underground Road in Zones 2A, 2B & 2C

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Piling Works and ELS Works for The Integrated Basement and Underground Road in Zones 2A, 2B & 2C

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The information supplied and contained within this report is, to the best of our knowledge, correct at time of printing

Contents

Executive summary

This Quarterly EM&A Report presents the monitoring works conducted at Zones 2A, 2B & 2C from 01 February 2025 to 30 April 2025. The construction works and EM&A programme for Zone 2A (Contract No.: GW/2020/05/073) was commenced on 03 October 2020 and handed over on 31 March 2023; while the construction works and EM&A programme for Zone 2B & 2C (Contract No.: CC/2020/2B/088) was commenced on 30 September 2021 and handed over on 05 July 2024. The construction works and EM&A programme for Zones 2A, 2B & 2C (Contract No.: CC/2023/2B/095) was commenced on 05 July 2024.

The impact stage EM&A programme for the Project includes air quality, noise, water quality, waste, landscape and visual monitoring. The recommended environmental mitigation measures were implemented on site and regular inspections were carried out to ensure that the environmental conditions are acceptable.

The EM&A programme was carried out by the ET in accordance with the EM&A Manual requirements. It is concluded from the environmental monitoring and audit works that adequate environmental mitigation measures have been implemented by the contractors where appropriate in the reporting quarter.

Exceedance of Action and Limit Levels

There was no breach of Action or Limit Levels for Air Quality (1-hour TSP and 24-hour TSP) and Noise in this reporting quarter.

Implementation of Mitigation Measures

Construction phase weekly site inspections were carried out to confirm the implementation measures undertaken by the Contractors in the reporting quarter. The status of implementation of mitigation measures during the reporting quarter is shown in **Appendix C**.

Landscape and visual impact inspections were conducted as part of the above-mentioned weekly site inspections during the reporting quarter. No adverse comment on landscape and visual aspects were made during these inspections.

Record of Complaints

1 environmental complaint was received during the reporting quarter.

Record of Notifications of Summons and Successful Prosecutions

No notifications of summons and successful prosecutions were recorded in the reporting quarter.

1 Introduction

1.1 Background

Apex Testing & Certification Limited (Apex) was commissioned to undertake the Environmental Team (ET) services (including environmental monitoring and audit (EM&A)) for the construction activities in Zone 2A, consisting of Foundation, Excavation and Lateral Support Works for Integrated Basement and Underground Road (Contract No.: GW/2020/05/073) ; Zone 2B & 2C consisting of Piling Works for Integrated Basement and Underground Road (Contract No.: CC/2020/2B/088); and Zones 2A, 2B & 2C consisting of Excavation and Lateral Support Works (Stages 1 & 2) for The Integrated Basement and Underground Road (Contract No.: CC/2023/2B/095) at WKCD. The construction works and EM&A programme for Zone 2A (Contract No.: GW/2020/05/073) was commenced on 03 October 2020 and handed over on 31 March 2023; while the construction works and EM&A programme for Zone 2B & 2C (Contract No.: CC/2020/2B/088) was commenced on 30 September 2021 and handed over on 05 July 2024. The construction works and EM&A programme for Zones 2A, 2B & 2C (Contract No.: CC/2023/2B/095) was commenced on 05 July 2024.

The overall works for the WKCD fall under two separate categories of Designated Project (DP) of the Environmental Impact Assessment Ordinance (EIAO), namely an “engineering feasibility study of urban development projects with a study area covering more than 20 ha or involving a total population of more than 100 000” (Item 1 of Schedule 3) and “an underpass more than 100m in length under the built areas” (Item A.9, Part I, Schedule 2). An Environmental Permit No. EP-453/2013/B (EP) was issued with respect to the “Underpass Road and Austin Road Flyover Serving the West Kowloon Cultural District” which specifically includes the abovementioned category of DP under Item A.9, Part I, Schedule 2 of the EIAO. The captioned projects include part of the abovementioned underpass road located within the site boundary falls under this same category.

The purpose of the development in Zones 2A, 2B & 2C is to reserve for Integrated Basement (IB) and Underground Road (UR). The Zone 2A (Contract No.: GW/2020/05/073) construction activities involve the foundation, excavation and lateral support (ELS) works, road works, drainage diversion works, and temporary car parking. The Zone 2B & 2C (Contract No.: CC/2020/2B/088) construction activities involve the piling works. The Zones 2A, 2B & 2C (Contract No.: CC/2023/2B/095) construction activities involve the excavation and lateral support works.

The Quarterly EM&A Report is prepared in accordance with the Clause 3.4 of the Environmental Permit No. EP-453/2013/B. This Quarterly EM&A Report presents the monitoring works Zones 2A, 2B & 2C from 01 February 2025 to 30 April 2025. The purpose of this report is to summarise the findings in the EM&A of the project over the reporting period.

1.2 Project Organisation

The organisation chart and lines of communication with respect to the on-site environmental management structure together with the contact information of the key personnel are shown in **Appendix A**.

1.3 Environmental Status in the Reporting Period

During the reporting period, construction works at Zones 2A, 2B & 2C (Contract No.: CC/2023/2B/095) undertaken include:

- Bored Pile, Pipe Piling and King Post Works
- Drainage Diversion Works

The Construction Works Programme of the Project is provided in **Appendix B**. A layout plan of the Project is provided in **Figure 1**.

2 Summary of EM&A Requirements and Mitigation Measures

2.1 Monitoring Requirements

In accordance with the EM&A Manual, environmental parameters including air quality, noise, landscape and visual have been monitored. The specific parameters, monitoring frequency and the respective Action and Limit Levels are given in **Table 2.1**. Locations of the monitoring stations are provided in **Figure 1**.

Table 2.1: Summary of Impact EM&A Requirements

Parameters	Descriptions	Locations	Frequencies	Action Level	Limit Level
Air Quality	24-Hour TSP	AM3 - The Victoria Towers Tower 1	At least once every 6 days	152.4 μg/m^3	260 μg/m^3
	1-Hour TSP	AM3 - The Victoria Towers Tower 1	At least 3 times every 6 days	280.4 μg/m^3	500 μg/m^3
	24-Hour TSP	AM4 - Canton Road Government Primary School	At least once every 6 days	152.6 μg/m^3	260 μg/m^3
	1-Hour TSP	AM4 - Canton Road Government Primary School	At least 3 times every 6 days	278.5 μg/m^3	500 μg/m^3
	24-Hour TSP	AM5 - Topside Developments at West Kowloon Terminus Site	At least once every 6 days	141.1 μg/m^3	260 μg/m^3
	1-Hour TSP	AM5 - Topside Developments at West Kowloon Terminus Site	At least 3 times every 6 days	275.4 μg/m^3	500 μg/m^3
Noise	Leq, 30 minutes	NM2 - The Arch, Sun Tower	Weekly	When one documented complaint is received from any one of the sensitive receivers	75 dB(A)
	Leq, 30 minutes	NM3 - The Victoria Towers Tower 1	Weekly	When one documented complaint is received from any one of the sensitive receivers	75 dB(A)
	Leq, 30 minutes	NM4 - Canton Road Government Primary School	Weekly	When one documented complaint is received from any one of the sensitive receivers	70/65 dB(A)^
	Leq, 30 minutes	NM5 -Development next to Austin Station	Weekly	When one documented complaint is received from any one of the sensitive receivers	75 dB(A)
Landscape & Visual	Monitor implementation of proposed mitigation measures during the construction stage	As described in Table 9.1 and 9.2 of the EM&A Manual	Bi-weekly	N/A	N/A

Note:
^70 dB(A) for schools and 65 dB(A) during school examination periods.

The EM&A programme for the Project require 5 air monitoring stations and 5 noise quality monitoring stations located closest to the Project area. With regard to the monitoring activities at M+ Museum and the Lyric Complex, three monitoring stations had been considered, including AM1, AM2 for air monitoring, and NM1 for noise monitoring. In the context of the construction activities in Zone 2A and Zone 2B & 2C, all other monitoring locations including AM3, AM4, and AM5 for air monitoring; and NM2, NM3, NM4 and NM5 for noise monitoring, have been taken into account. However, access to all these originally designated monitoring stations was declined. Therefore, alternative monitoring stations was identified and proposed.

With regard to air monitoring, alternative monitoring locations (AM3A, AM4A, and AM5A) were identified at ground floor at the Northeast corner of West Kowloon Station's station box, at ground floor at the Southeast corner of West Kowloon Station's station box, and at ground floor at the North of West Kowloon Station's station box respectively. AM3A, AM4A, and AM5A were set in same direction to the area of major construction site activities in Zone 2A. These alternative air monitoring locations (AM3A, AM4A, and AM5A) were approved by EPD on 29 September 2020.

For noise monitoring, alternative noise monitoring location (NM2A) was identified at the ground floor in front of The Arch - Sun Tower, which is at the same location as stated in the EM&A Manual for consistency. This alternative noise monitoring location was approved by EPD on 29 September 2020. Other alternative noise monitoring locations (NM3A, NM4A, and NM5A) were identified at the ground floor in front of the Xiqu Centre, at the ground floor next to Tsim Sha Tsui Fire Station, and at the Pedestrian road (ground floor) outside West Kowloon Station respectively. NM3A, NM4A and NM5A were set closer to the construction site boundary with more direct line sight to the major site activities and higher exposure to the construction noise with no disturbance to the premises' occupants during noise monitoring activities. These alternative noise monitoring locations (NM3A, NM4A, and NM5A) were approved by EPD on 29 September 2020.

Therefore, 3 air quality monitoring stations and 4 noise impact monitoring station were confirmed for the impact monitoring for construction activities in Zone 2A and Zone 2B & 2C.

2.2 Environmental Mitigation Measures

Environmental mitigation measures have been recommended in the EM&A Manual. Summary of implementation status of the environmental mitigation measures is provided in **Appendix C**.

3 Summary of EM&A Results

3.1 Monitoring Data

In accordance with the EM&A Manual, impact monitoring has been conducted in the reporting quarter. Meteorological data for the reporting quarter have been extracted from Hong Kong Observatory and presented in **Appendix D**. Monitoring data with graphical presentation for the reporting quarter are shown in **Appendix E**. A summary on the monitoring results is presented in **Table 3.1**.

Table 3.1: Summary of Monitoring Data

Parameter	Monitoring Location	Minimum	Maximum	Average
Air Quality				
1 hour TSP	AM3A	33	60	45
1 hour TSP	AM4A	32	57	44
1 hour TSP	AM5A	32	59	44
24 hour TSP	AM3A	33	63	44
24 hour TSP	AM4A	30	65	42
24 hour TSP	AM5A	30	63	42
Construction Noise				
Leq(30min)	NM2A	63	63	63
Leq(30min)	NM3A	61	61	61
Leq(30min)	NM4A	58	59	58
Leq(30min)	NM5A	63	64	64

3.2 Monitoring Exceedances

Summary of the exceedances in the reporting quarter is tabulated in **Table 3.2**.

Table 3.2: Summary of Exceedances

Monitoring Station	Parameter	No. of Exceedance		Action Taken
		Action Level	Limit Level	
Air Quality				
AM3A	1 hour TSP	0	0	N/A
	24 hour TSP	0	0	N/A
AM4A	1 hour TSP	0	0	N/A
	24 hour TSP	0	0	N/A
AM5A	1 hour TSP	0	0	N/A
	24 hour TSP	0	0	N/A
Construction Noise				
NM2A	Leq(30min)	0	0	N/A
NM3A	Leq(30min)	0	0	N/A
NM4A	Leq(30min)	0	0	N/A
NM5A	Leq(30min)	0	0	N/A

3.2.1 1-hour TSP Monitoring

All 1-hour TSP monitoring was conducted as scheduled in the reporting quarter. No Action/ Limit Level exceedance of 1-hour TSP for Air Quality was recorded.

3.2.2 24-hour TSP Monitoring

All 24-hour TSP monitoring was conducted as scheduled in the reporting quarter. No Action/ Limit Level exceedance of 24-hour TSP for Air Quality was recorded.

3.2.3 Construction Noise Monitoring

All construction noise monitoring was conducted as scheduled in the reporting quarter. No Action/ Limit Level exceedance of Noise was recorded in the reporting quarter.

3.2.4 Landscape and Visual Monitoring

All landscape and visual impact inspections were conducted as scheduled in the reporting quarter. No adverse comment on landscape and visual aspects were recorded.

4 Waste Management

4.1 Zones 2A, 2B & 2C (Contract No.: CC/2023/2B/095)

As advised by the Zones 2A, 2B & 2C Contractor, 9349.43 tonne and 0.0 tonne of inert C&D material were disposed of as public fill to Tseung Kwan O Area 137 and Tuen Mun Area 38 respectively in the reporting quarter, while 113.48 tonne of general refuse were disposed of at SENT landfill. 96.03 tonne of metals, 0.0 tonne of paper/cardboard packaging, 0.0 tonne of plastics and 0.0 tonne of timber was collected by recycling contractors in the reporting quarter. 0.00 tonne of inert C&D material were reused on site. 0.0 tonne of inert C&D material was imported for reuse at site and 0.00 tonne of inert C&D material were reused in other projects. 6.69 tonne of inert C&D material was disposed to sorting facility and 0.0 tonne of chemical waste was collected by licensed contractors in the reporting quarter.

The actual amounts of different types of waste generated by the activities of construction works at Zones 2A, 2B & 2C in the reporting quarter are shown in **Appendix F**.

5 Environmental Non-conformance

There was no breach of Action or Limit Levels for Air Quality (1-hour TSP and 24-hour TSP) and Noise in the reporting quarter.

One complaint was received in the reporting quarter. No notifications of summons and successful prosecutions were received in the reporting quarter.

On 25 March 2025 (Tuesday), WKCDA received a complaint from Civil Engineering and Development Department (CEDD) regarding water ponding from WKCD construction site. The complaint was regarding water ponding along Austin Road West near lamp post GF4015 arising from WKCD construction activities. The complaint provided photos of water ponding to the street. Further to the complaint email received on 25 March 2025, investigation was carried out at WKCD Zone 2A, 2B & 2C site. According to the message from the complaint, water ponding was observed near lamp post GF4015 in nighttime. Water leakage was observed from a pit on the pedestrian road. During the inspection, we observed that the concerned pit was a chamber owned by the Water Services Department (WSD). The associated water valve pit was found to have water accumulated inside. After reviewing the condition in the vicinity, the concerned complaint might be due to a minor leak originating from an aging WSD freshwater main valve unrelated to the project.

To minimize the environmental impacts to the surrounding area, number of mitigation measures were implemented, including sealing of metal hoarding to prevent leakage of site runoff. Additionally, after notification of the complaint, immediate actions have been taken on site to prevent further water leakage from the valve pit, including a 24-hours power supplied pump was placed to prevent water leaking to the nearby pedestrian road as well as standby pumps. In addition, we have received contact from WSD regarding the concerned issue. The condition and temporary control measures that we implemented were communicated with their representative. We will maintain contact and cooperate with WSD on any future possible maintenance works. It was concluded that the concerned environmental impact might be due to a minor leak from an aging WSD freshwater main valve unrelated to the project. On-site mitigation measures have already been implemented and maintained on site. We will keep maintain good practice on site, and strengthen the implementation of mitigation measures to reduce impacts on the nearby neighbors.

The cumulative statistics on complaints, notifications of summons and successful prosecutions were provided in **Appendix G**.

6 Comments, Recommendations and Conclusion

6.1 Comments

Based on the observations made during site audits and landscape inspections, and construction dust and noise monitoring results, no non-compliances and exceedances of air quality and construction noise were recorded in the reporting quarter.

6.2 Recommendations

Reviewing the implementation of the recommended mitigation measures in the EM&A Manual, it was observed that they were effective and efficient in controlling the potential impacts due to construction of the project during the reporting period. Review of the effectiveness and efficiency of the EM&A programme will continue, and recommendations will be provided to remediate any potential impacts due to the project and to improve the EM&A programme if deficiencies of the existing EM&A programme are identified.

6.3 Conclusion

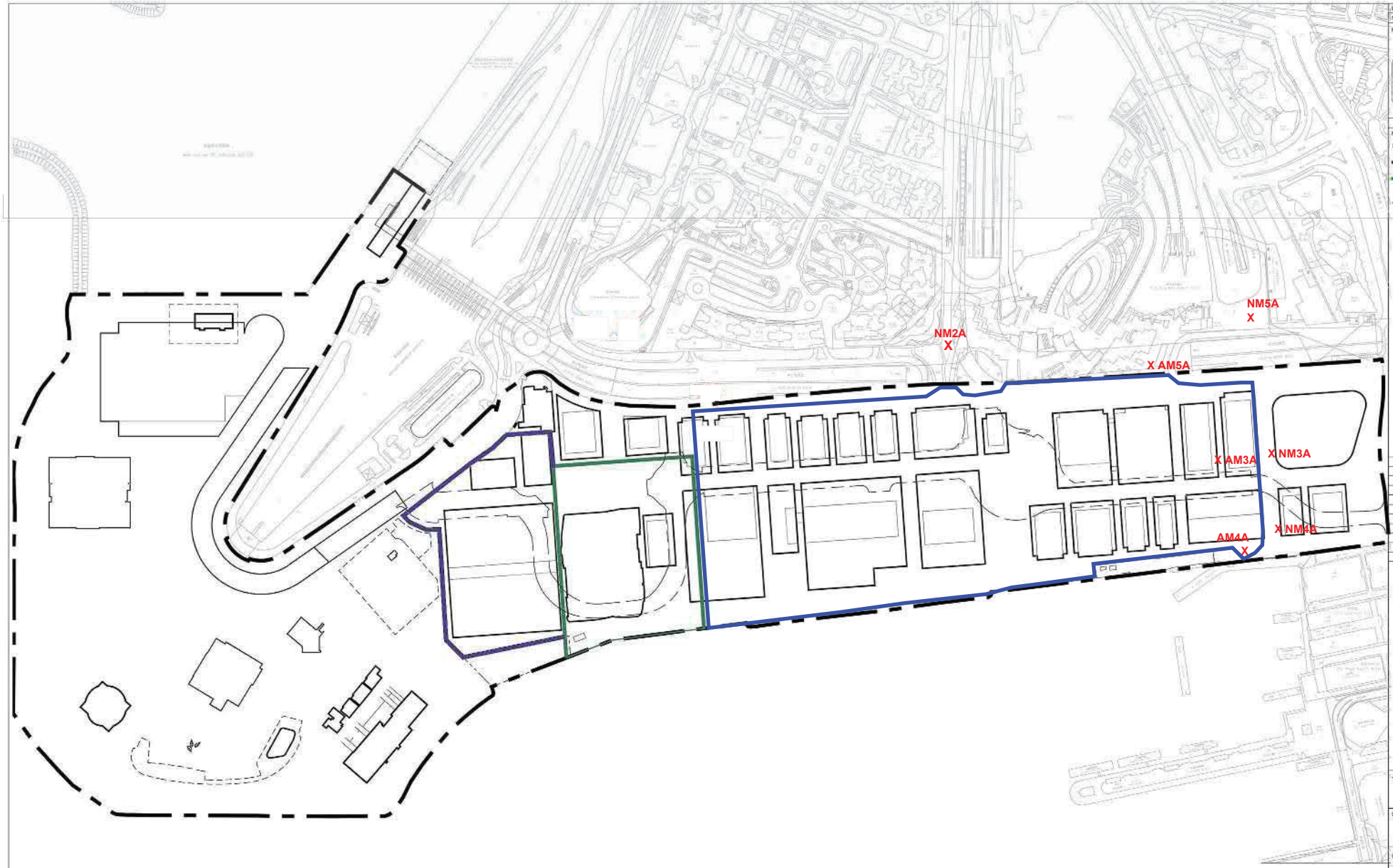
The EM&A programme as recommended in the EM&A Manual has been undertaken. The construction works and EM&A programme for Zone 2A (Contract No.: GW/2020/05/073) was commenced on 03 October 2020 and handed over on 31 March 2023; while the construction works and EM&A programme for Zone 2B & 2C (Contract No.: CC/2020/2B/088) was commenced on 30 September 2021 and handed over on 05 July 2024. The construction works and EM&A programme for Zones 2A, 2B & 2C (Contract No.: CC/2023/2B/095) was commenced on 05 July 2024.

Monitoring of air quality and noise with respect to the Project is underway. In particular, the 1-hour TSP, 24-hour TSP and noise level (as Leq, 30 minutes) under monitoring have been checked against established Action and Limit Levels. There was no breach of Action or Limit Levels for Air Quality (1-hour TSP and 24-hour TSP) and Noise in this reporting quarter.

One complaint was received in the reporting quarter. No notifications of summons and successful prosecutions were received during the reporting quarter.

Weekly construction phase site inspections and bi-weekly landscape and visual impact inspections were conducted during the reporting quarter as required. It was observed that the Contractor had implemented all possible and feasible mitigation measures to mitigate the potential environmental impacts during construction phase works.

Figure 1 Site Layout Plan and Monitoring Stations



B.D. REF:

H.S.D. REF:

KEY PLAN

KEY PLAN

NOTES:

WKCD BOUNDARY

M+ MUSEUM BOUNDARY

LYRIC THEATRE BOUNDARY

BOUNDARY OF UNDERPASS ROAD SERVING THE PLANNED WKCD

X CONSTRUCTION AIR/NOISE MONITORING STATION

REMARKS:
THE AIR MONITORING STATION AM2A HAS BEEN RELOCATED TO THE ALTERNATIVE MONITORING STATION AM2B AT 1ST FLOOR OF GAMMON'S SITE OFFICE ON 26 FEBRUARY 2019.

Zones 2A, 2B & 2C Boundary (Contract No.: CC/2023/2B/095)

REV.	DATE	DESCRIPTION	INITIAL

JOB TITLE: **DEVELOPMENT AT WEST KOWLOON CULTURAL DISTRICT**

DRAWING TITLE: **SITE LAYOUT PLAN AND MONITORING STATIONS**

SCALE:	1:100	PRINTED:	A1
CHECKED:		DATE:	
APPROVED:		DATE:	
DRAWN:	TY	DATE:	16-05-2019

CONTRACT NO.: -

DRAWING NO.: **FIGURE 1**

REV.: XX

CAD REF NAME: XXXXX-AUT-PHS DWG P60-L080-0080-XXX.dwg

AUTHORITY

westKowloon
西九文化區

A1 (841mm x 594mm) Sheet Size

Appendices

A. Project Organisation
B. Construction Programme
C. Environmental Mitigation Measures – Implementation Status
D. Meteorological Data Extracted from Hong Kong Observatory
E. Graphical Plots of the Monitoring Results
F. Waste Flow table
G. Cumulative Statistics on Complaints, Notifications of Summons and Successful Prosecutions

A. Project Organisation

Project Organization

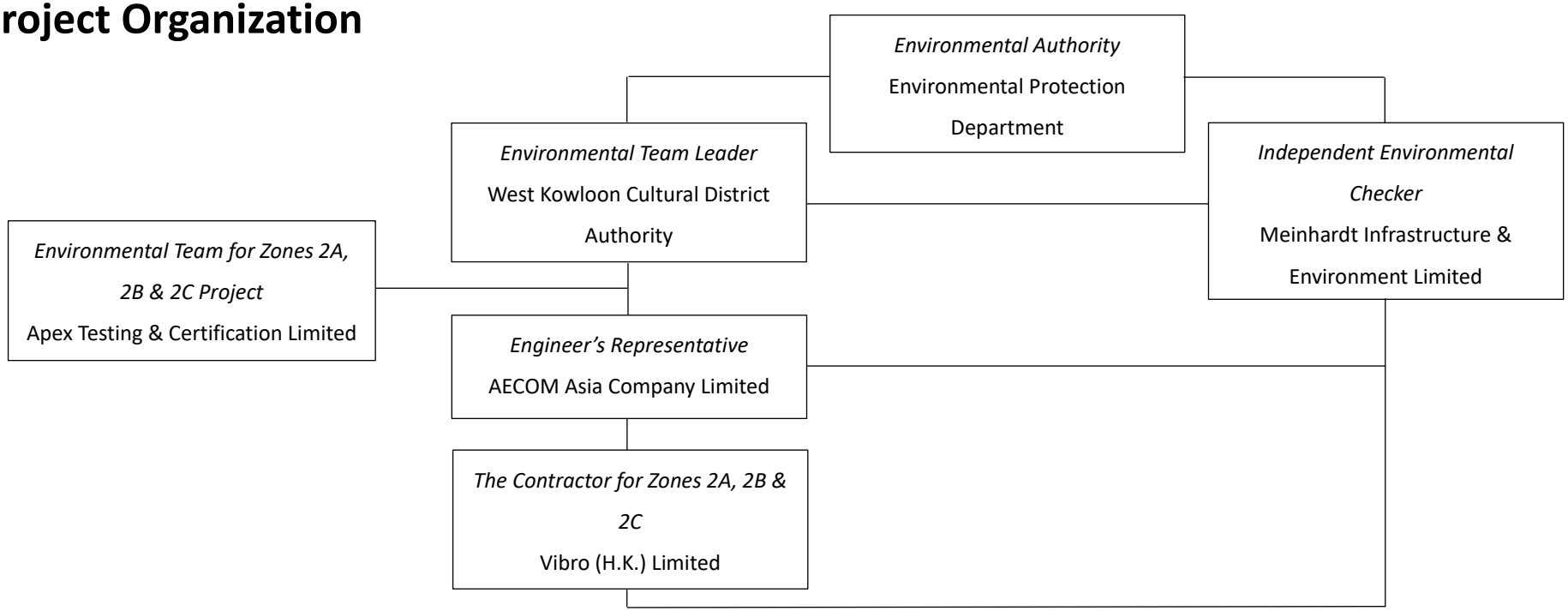


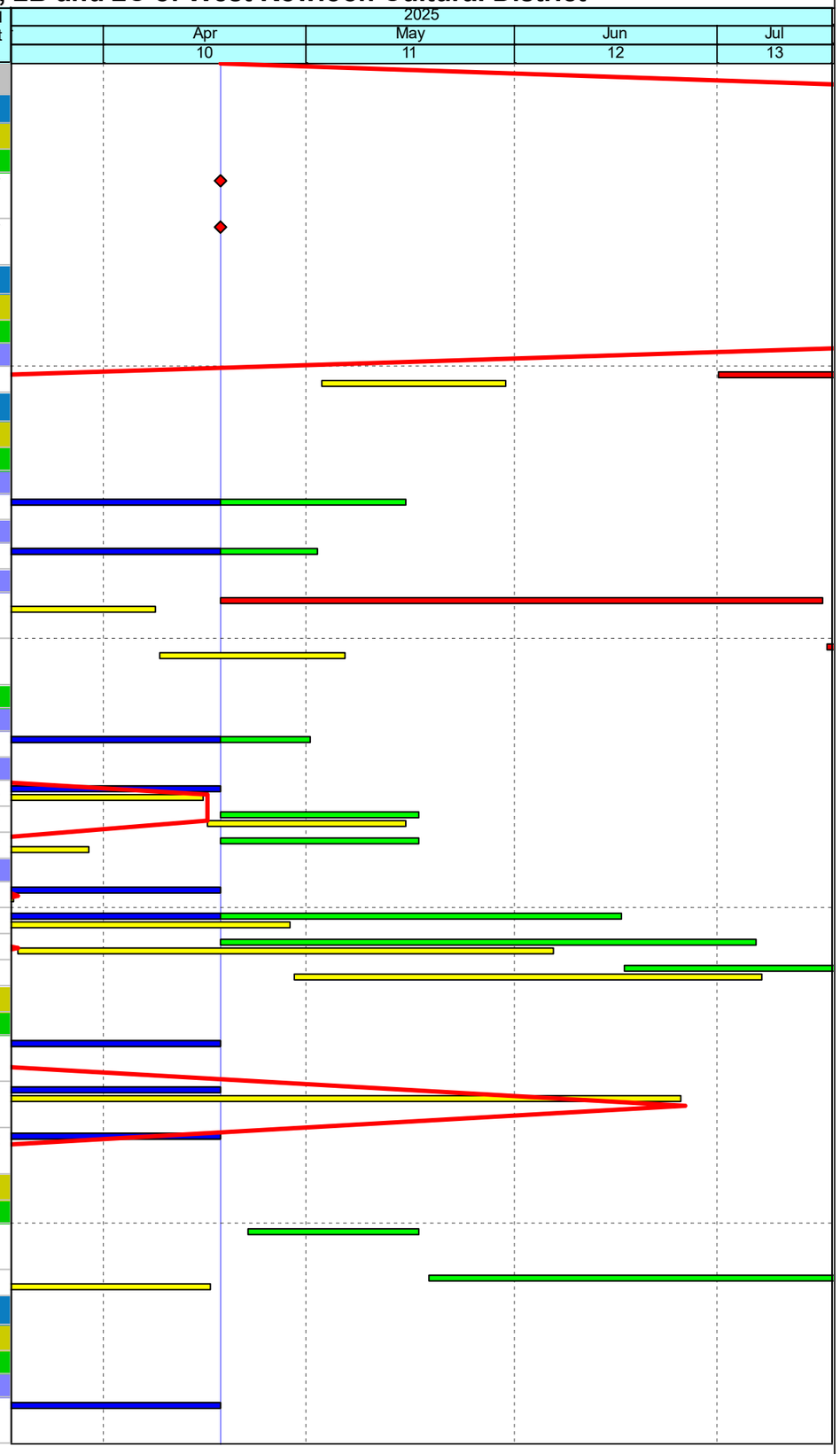
Table A-1: Contract Information

Company Name	Role	Name	Telephone	Email
West Kowloon Cultural District Authority	WKCDA Representative & Project ETL	Mr. Max LEE	2200 0782	max.sl.lee@wkcda.hk
Meinhardt Infrastructure & Environment Limited	Independent Environmental Checker	Ms. Claudine LEE	2859 5409	claudinelee@meinhardt.com.hk
Leigh & Orange Ltd.	Clerk of Works	Mr. Dick TAM	9762 6960	dick.tam@leighorange.com
Vibro (H.K.) Limited	Environmental Sustainability Manager	Mr. Tony YAM	2137 5586	tony_yam@vibro.com.hk
Apex Testing & Certification Limited	Contractor's Environmental Team Leader	Mr. Calvin LUI	9629 9718	calvinlui@apextestcert.com

B. Construction Programme

ELS Works (Stages 1 & 2) for Integrated Basement and Underground Road in Zones 2A, 2B and 2C of West Kowloon Cultural District

Activity ID	Activity Name	6th Draft Dur	6th Draft Start	6th Draft Finish	Dur	Forecast /Actual Start	Forecast /Actual Finish	%	Total Float
ELS Works (Stages 1 & 2) for IBUR in Zones 2A, 2B and 2C of WKCD									
Contract Dates									
CAI Date for Optional Works									
Between 5 Jul 2024 and 21 Nov 2026, within 870 Days									
WKCDA-#AD-03030	(Opt Works Item No.3) Site Maintenance for Zone 2A, 2B, 2C and NSO after Practical Completion within 870 Days	0	21-Nov-26		0	18-Apr-25*		0%	-287
WKCDA-#AD-03040	(Opt Works Item No.4) Road reinstatement works at Austin Road West within 870 Days	0	21-Nov-26		0	18-Apr-25*		0%	-287
BD Statutory Submissions									
Consent BA8 and BA10 Submissions									
Zone 2A-2-1									
BD Submission and Consent for Excavation and ELS Installation									
WKCDA-BD-STA-01180	BA8 for excavation and ELS installation at Zone 2A-2-1(Stage 2)(Consent 10)	28	03-May-25	30-May-25	28	01-Jul-25	28-Jul-25	0%	0
Cost Centre A - Preliminaries, General Requirements									
General Submission and Procurement									
Submission and Approval									
Contingency Management Plan									
WKCDA-A-SUB-01140	Review and approve submission of Contingency Management Plan	28	02-Aug-24	29-Aug-24	303	17-Jul-24 A	15-May-25	0%	33
Authority Department Submission									
WKCDA-A-SUB-01440	Application to EPD and obtain permit for marine dumping	90	02-Nov-24	30-Jan-25	222	23-Sep-24 A	02-May-25	0%	82
Joint Written Guarantee for the water-tightness of ELS for Zones 2A-1 and 2A-2-1									
WKCDA-A-SUB-01460	Prepare and submit Joint Written Guarantee for the water-tightness of ELS for Zones 2A-1 and 2A-2-1	90	09-Jan-25	08-Apr-25	90	18-Apr-25	16-Jul-25	0%	-21
WKCDA-A-SUB-01480	Review and approve submission of Joint Written Guarantee for the water-tightness of ELS for Zones 2A-1 and 2A-2-1	28	09-Apr-25	06-May-25	28	17-Jul-25	13-Aug-25	0%	-21
Procurement and Delivery of Materials									
King Post Materials									
WKCDA-A-PRO-2100	Delivery of King Post Material for Zone 2B & 2A-1 (ELS and Steel Platform)	14	16-Dec-24	29-Dec-24	51	12-Mar-25 A	01-May-25	0%	62
Steel Platform Material									
WKCDA-A-PRO-2040	Procurement of Steel Platform material for Zone 2A-2-1	90	16-Jan-25	15-Apr-25	48	01-Mar-25 A	18-Apr-25	0%	134
WKCDA-A-PRO-2060	Delivery of Steel Platform material for Zone 2A-2-1	30	16-Apr-25	15-May-25	30	18-Apr-25	17-May-25	0%	104
WKCDA-A-PRO-2140	Delivery of Steel Platform material for Zone 2B & 2A-1	30	28-Feb-25	29-Mar-25	30	18-Apr-25	17-May-25	0%	102
Strut and Wailing									
WKCDA-A-PRO-2280	Procurement of Strut and Wailing for Zone 2A-2-1	90	19-Dec-24	18-Mar-25	48	01-Mar-25 A	18-Apr-25	0%	82
WKCDA-A-PRO-2320	Procurement of Strut and Wailing for Zone 2B & 2A-1	60	28-Feb-25	28-Apr-25	108	01-Mar-25 A	16-Jun-25	0%	13
WKCDA-A-PRO-2300	Delivery of Steel Strut and Wailing for Zone 2A-2-1	80	19-Mar-25	06-Jun-25	80	18-Apr-25	06-Jul-25	0%	82
WKCDA-A-PRO-2340	Delivery of Strut and Wailing for Zone 2B & 2A-1	70	29-Apr-25	07-Jul-25	70	17-Jun-25	25-Aug-25	0%	13
Coordination									
Interface Contractors and Other Project Contractors									
WKCDA-A-CIC-01040	Coordination with Contract no.CC/2017/3A/030 L1 Works of the Lyric Theatre Complex and Extended basement in Zone 3B	180	30-Aug-24	25-Feb-25	287	05-Jul-24 A	18-Apr-25	0%	97
WKCDA-A-CIC-01060	Coordination with MTRCL, other Project Contractors and Future PIW Works Contractor	300	30-Aug-24	25-Jun-25	287	05-Jul-24 A	18-Apr-25	0%	197
WKCDA-A-CIC-01050	Coordination with Contract no.CC/2017/3A/031 L2 Contract for Lyric Theatre Complex and Extended basement project	180	30-Aug-24	25-Feb-25	287	05-Jul-24 A	18-Apr-25	0%	132
Construction									
Preliminaries, Site Accommodation and Facilities									
WKCDA-A-MOB-01140	Mobilization of plant and equipment for construction of barging point and preparation works	21	30-Nov-24	24-Dec-24	21	22-Apr-25	17-May-25	0%	56
WKCDA-A-MOB-01160	Construction of barging point, inspection and ready for operation	90	27-Dec-24	16-Apr-25	90	19-May-25	01-Sep-25	0%	56
Cost Centre B & I - General, Hoarding and Monitoring Works									
General Submission									
Submission and Approval									
Method statement for hoarding, covered walkway and gantries modification									
WKCDA-B-SUB-01080	Prepare and submit method statement for hoarding, covered walkway and gantries modification	28	05-Jul-24	01-Aug-24	287	05-Jul-24 A	18-Apr-25	0%	-24



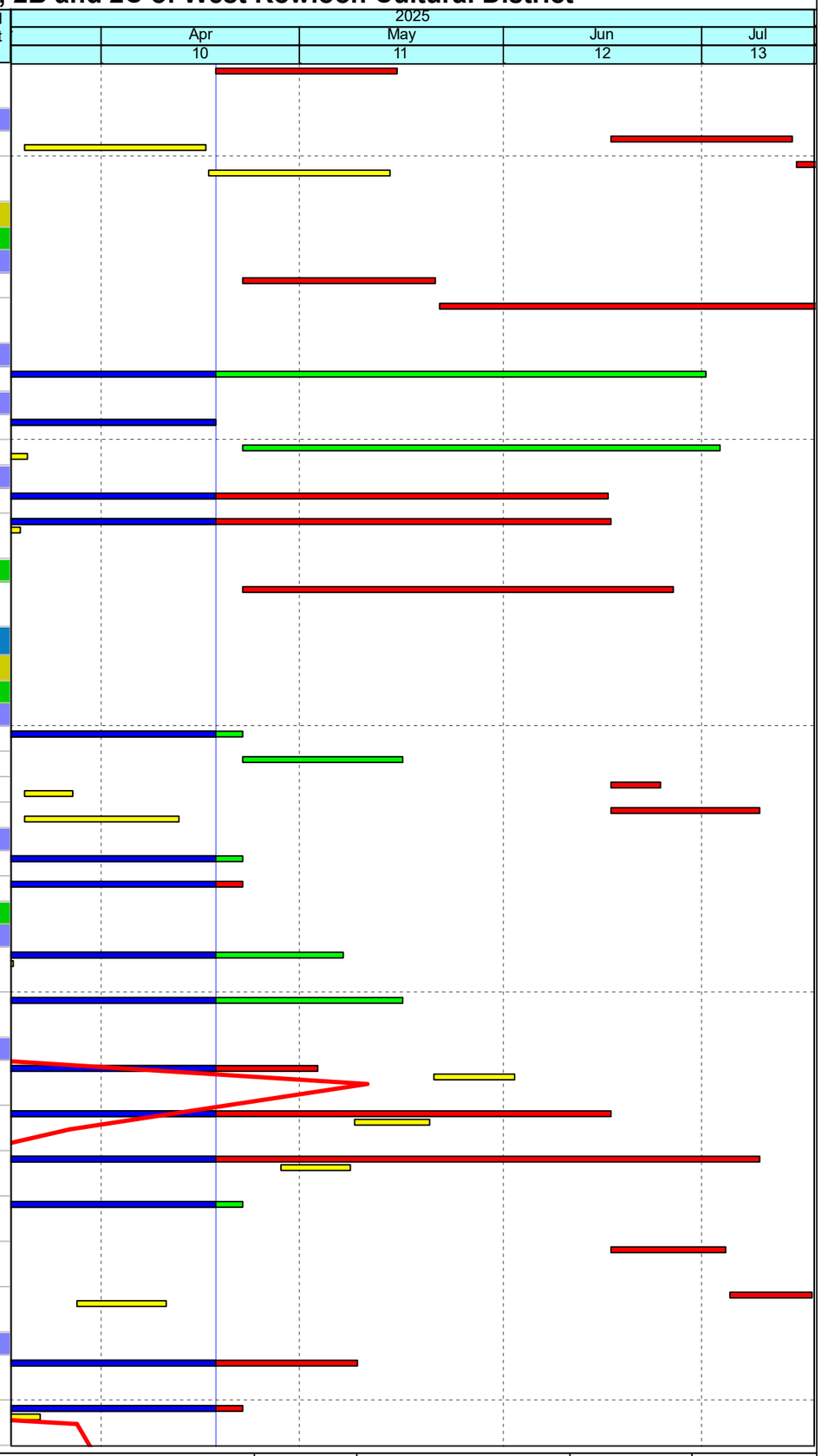
◇ Milestone — Planned Bar
◆ Critical MS — Actual Work Completed
Critical Bar — ◇ 5D MS

CC/2023/2B/095
Three Month Rolling Programme as of 18-Apr-25

Date	Revision	Checked	Approved
28-Mar-25	6th Draft	KL	

ELS Works (Stages 1 & 2) for Integrated Basement and Underground Road in Zones 2A, 2B and 2C of West Kowloon Cultural District

Activity ID	Activity Name	6th Draft Dur	6th Draft Start	6th Draft Finish	Dur	Forecast /Actual Start	Forecast /Actual Finish	%	Total Float
WKCDA-B-SUB-01100	Review and approve submission of method statement for hoarding, covered walkway and gantries modification	28	02-Aug-24	29-Aug-24	28	18-Apr-25	15-May-25	0%	-24
As-built record of drainage works to CA and DSD									
WKCDA-B-SUB-01160	Prepare and submit as-built record of drainage works to CA and DSD	28	20-Mar-25	16-Apr-25	28	17-Jun-25	14-Jul-25	0%	-24
WKCDA-B-SUB-01180	Review and approve submission of as-built record of drainage works to CA and DSD	28	17-Apr-25	14-May-25	28	15-Jul-25	11-Aug-25	0%	-24
Construction									
General and Monitoring Works									
Relocate water check meter cabinet									
WKCDA-B-MOB-01240	Relocation of check water meter cabinet at Zone 2A East gantry	24	08-Nov-24	05-Dec-24	24	22-Apr-25	21-May-25	0%	-7
WKCDA-B-MOB-01100	Site clearance, break up and removal of existing road pavement and light posts, signages	60	06-Dec-24	20-Feb-25	60	22-May-25	31-Jul-25	0%	-7
Monitoring Works with MTRC									
WKCDA-B-MOB-01200	Coordination with WSD and MTRC	75	06-Dec-24	18-Feb-25	362	05-Jul-24 A	01-Jul-25	0%	17
Monitoring Works with HyD									
WKCDA-B-MOB-01160	Coordination with highways department(HyD)	60	08-Nov-24	06-Jan-25	287	05-Jul-24 A	18-Apr-25	0%	26
WKCDA-B-MOB-01180	Relocation of existing light post at Zone 2A East gantry	60	07-Jan-25	20-Mar-25	60	22-Apr-25	03-Jul-25	0%	17
Monitoring Works with drainage diversion									
WKCDA-B-MOB-01120	Coordination with relevant authorities for drainage diversion	60	22-Aug-24	20-Oct-24	347	05-Jul-24 A	16-Jun-25	0%	-62
WKCDA-B-MOB-01140	Carry-out drainage diversion works, T&C and backfilling works at Zone 2B Austin Road West	85	04-Dec-24	19-Mar-25	80	07-Mar-25 A	17-Jun-25	0%	-47
Hoarding and Gantry									
WKCDA-B-MOB-01300	Hoarding, covered walkway, gantries and waterbarriers modification including graphic and steel boards(Partial)	54	03-Sep-24	07-Nov-24	54	22-Apr-25	26-Jun-25	0%	-20
Cost Centre C - Excavation and Lateral Support Works for Zone 2B (Stage 1)									
Construction									
Preliminaries, Trial Trench & Fabrication Works									
Trial trench before drilling work									
WKCDA-C-CON-01190	Trial trench before drilling work at Zone 2B (PP-168 to PP-250) - Austin Rd	20	22-Oct-24	13-Nov-24	63	03-Feb-25 A	22-Apr-25	0%	34
WKCDA-C-CON-01470	Trial trench before drilling work for king post at Zone 2B	20	28-Dec-24	21-Jan-25	20	22-Apr-25	16-May-25	0%	47
WKCDA-C-CON-01112	Trial trench before drilling work at zone 2B (PP-251 to PP-280) - Austin Rd	7	20-Mar-25	27-Mar-25	7	17-Jun-25	24-Jun-25	0%	-18
WKCDA-C-CON-10920	Trial trench before drilling work at zone 2B (PP-281 to PP-319) - Austin Rd	20	20-Mar-25	12-Apr-25	20	17-Jun-25	09-Jul-25	0%	-47
Gravity Casing Grout Works									
WKCDA-C-CON-01200	Gravity casing grout work (P_C001 to P_C035)(36nos)(Consent 6a)	36	04-Dec-24	17-Jan-25	93	23-Dec-24 A	22-Apr-25	0%	2
WKCDA-C-CON-01380	Gravity casing grout work(B_C001 to B_C036)(38nos)(Consent 5)	38	04-Dec-24	20-Jan-25	93	23-Dec-24 A	22-Apr-25	0%	-24
Pre-Grout Curtain Works									
Drilling for pre-grout curtain at Zone 2B at AURW Row (PP-164 to PP-001)									
WKCDA-C-CON-01040	Drilling for pre-grout curtain at Zone 2B(P_A017 to P_A001 EVEN)(P_B009 to P_B001) 8,9	12	05-Mar-25	18-Mar-25	178	26-Sep-24 A	07-May-25	59%	22
WKCDA-C-CON-01123	Drilling for pre-grout curtain at Zone 2B(P_A167 to P_A138 EVEN)(P_B085 to P_B071) 15,15	20	30-Oct-24	21-Nov-24	67	21-Feb-25 A	16-May-25	97%	14
Drilling for pre-grout curtain at Zone 2B at AURW Row (PP-165 to PP-319)									
WKCDA-C-CON-10120	Drilling for pre-grout curtain at Zone 2B(P_A310 to P_A321 EVEN)(P_B157 to P_B164)Consent 3) 6,8	10	21-May-25	02-Jun-25	92	08-Jan-25 A	03-May-25	93%	-8
WKCDA-C-CON-10110	Drilling for pre-grout curtain at Zone 2B(P_A296 to P_A309 EVEN)(P_B150 to P_B156)Consent 3) 7,7	10	09-May-25	20-May-25	126	09-Jan-25 A	17-Jun-25	93%	-43
WKCDA-C-CON-10100	Drilling for pre-grout curtain at Zone 2B(P_A284 to P_A295 EVEN)(P_B144 to P_B149)Consent 3) 6,6	8	28-Apr-25	08-May-25	142	14-Jan-25 A	09-Jul-25	33%	-47
WKCDA-C-CON-01122	Drilling for pre-grout curtain at Zone 2B(P_A198 to P_A227 EVEN)(P_B101 to P_B115)Consent 3) 15,15	20	16-Dec-24	10-Jan-25	43	26-Feb-25 A	22-Apr-25	47%	18
WKCDA-C-CON-01521	Drilling for pre-grout curtain at Zone 2B(P_A228 to P_A249 EVEN)(P_B116 to P_B128)Consent 3) 11,13	16	18-Jan-25	08-Feb-25	16	17-Jun-25	04-Jul-25	0%	-43
WKCDA-C-CON-01220	Drilling for pre-grout curtain at Zone 2B(P_A250 to P_A264 EVEN)(P_B129 to P_B136)Consent 3) 8,8	11	28-Mar-25	10-Apr-25	11	05-Jul-25	17-Jul-25	0%	-27
Drilling for pre-grout curtain at Zone 2B at Middle Row (PPB-171 to PPB-001)									
WKCDA-C-CON-01301	Drilling for pre-grout curtain at Zone 2B(B_A102 to B_A082 ODD)(B_B053 to B_B043)(Consent 3) 10,11	14	29-Oct-24	13-Nov-24	134	21-Nov-24 A	09-May-25	52%	-60
WKCDA-C-CON-01401	Drilling for pre-grout curtain at Zone 2B(B_A018 to B_A001 ODD)(B_B008 to B_B001)(Consent 5) 9,8	12	10-Mar-25	22-Mar-25	50	18-Feb-25 A	22-Apr-25	24%	-24



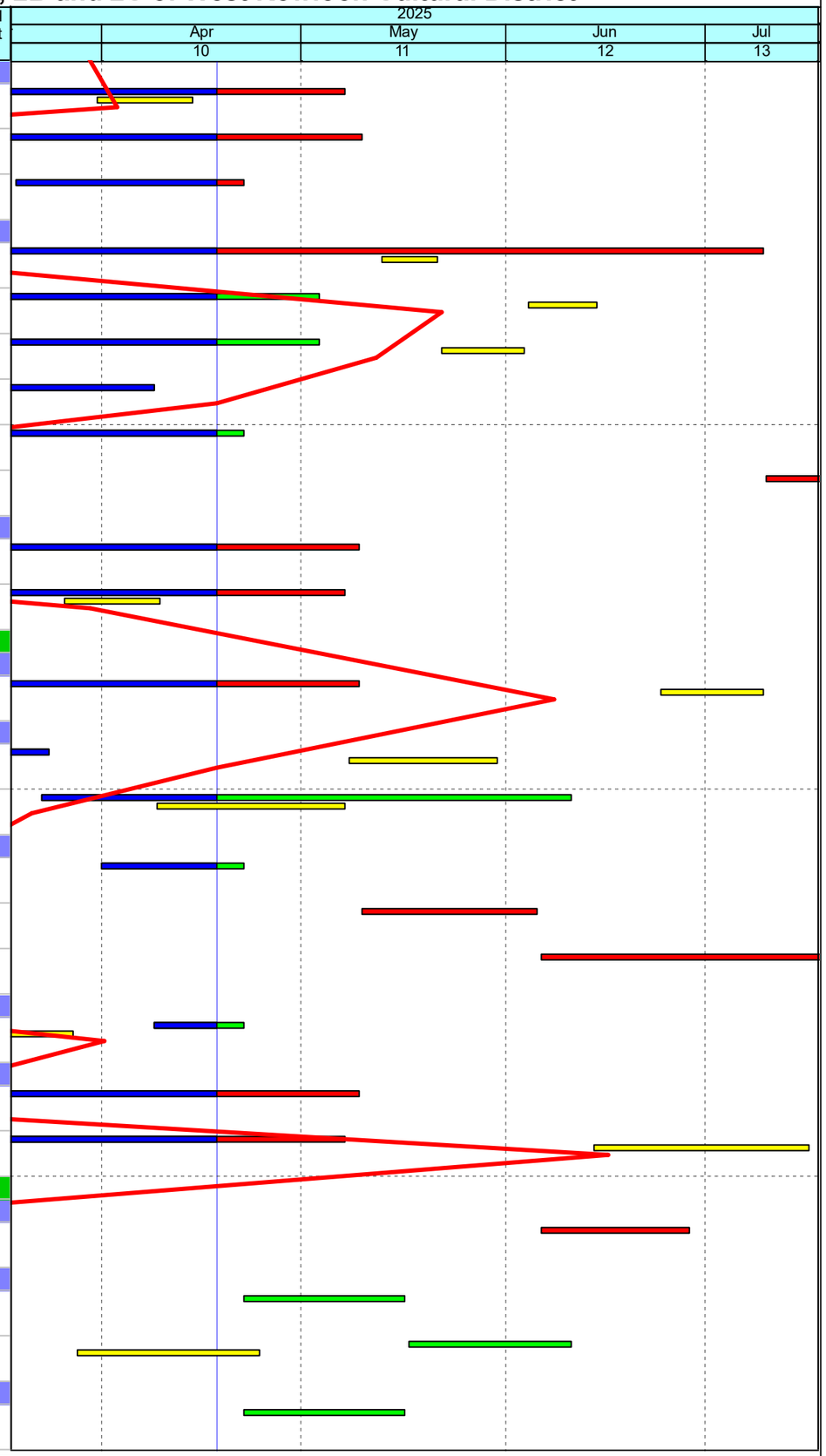
Milestone | Planned Bar
Critical MS | Actual Work Completed
Critical Bar | 5D MS

CC/2023/2B/095
Three Month Rolling Programme as of 18-Apr-25

Date	Revision	Checked	Approved
28-Mar-25	6th Draft	KL	

ELS Works (Stages 1 & 2) for Integrated Basement and Underground Road in Zones 2A, 2B and 2C of West Kowloon Cultural District

Activity ID	Activity Name	6th Draft Dur	6th Draft Start	6th Draft Finish	Dur	Forecast /Actual Start	Forecast /Actual Finish	%	Total Float
Pre-grout curtain works at Zone 2B at AURW Row (PP-164 to PP-001)									
WKCDA-C-CON-01060	Carry-out Pre-grout curtain works at Zone 2B(P_A017 to P_A001 EVEN)(P_B009 to P_B001) 8,9	12	31-Mar-25	14-Apr-25	149	01-Nov-24 A	07-May-25	59%	-58
WKCDA-C-CON-01142	Carry-out Pre-grout curtain works at Zone 2B(P_A167 to P_A138 EVEN)(P_B085 to P_B071) 15,15	20	22-Nov-24	14-Dec-24	42	15-Mar-25 A	10-May-25	94%	-60
WKCDA-C-CON-01141	Carry-out Pre-grout curtain works at Zone 2B(P_A137 to P_A108 EVEN)(P_B070 to P_B056) 15,15	20	16-Dec-24	10-Jan-25	25	19-Mar-25 A	22-Apr-25	97%	-24
Pre-grout curtain works at Zone 2B at AURW Row (PP-165 to PP-319)									
WKCDA-C-CON-10170	Carry-out Pre-grout curtain works at Zone 2B(P_A284 to P_A295 EVEN)(P_B144 to P_B149)Consent 3) 6,6	8	13-May-25	21-May-25	125	06-Feb-25 A	09-Jul-25	33%	-47
WKCDA-C-CON-10190	Carry-out Pre-grout curtain works at Zone 2B(P_A310 to P_A321 EVEN)(P_B157 to P_B164)Consent 3) 6,8	10	04-Jun-25	14-Jun-25	70	06-Feb-25 A	03-May-25	93%	8
WKCDA-C-CON-10180	Carry-out Pre-grout curtain works at Zone 2B(P_A296 to P_A309 EVEN)(P_B150 to P_B156)Consent 3) 7,7	10	22-May-25	03-Jun-25	69	07-Feb-25 A	03-May-25	93%	8
WKCDA-C-CON-01143	Carry-out Pre-grout curtain works at Zone 2B(P_A168 to P_A197 EVEN)(P_B086 to P_B100)Consent 3) 15,15	20	16-Dec-24	10-Jan-25	28	06-Mar-25 A	09-Apr-25 A	100%	
WKCDA-C-CON-01144	Carry-out Pre-grout curtain works at Zone 2B(P_A198 to P_A227 EVEN)(P_B101 to P_B115)Consent 3) 15,15	20	11-Jan-25	06-Feb-25	36	06-Mar-25 A	22-Apr-25	40%	18
WKCDA-C-CON-01145	Carry-out Pre-grout curtain works at Zone 2B(P_A228 to P_A249 EVEN)(P_B116 to P_B128)Consent 3) 11,13	16	10-Feb-25	27-Feb-25	16	10-Jul-25	28-Jul-25	0%	-47
Pre-grout curtain works at Zone 2B at Middle Row (PPB-171 to PPB-001)									
WKCDA-C-CON-01320	Carry-out Pre-grout curtain works at Zone 2B(B_A102 to B_A082 ODD)(B_B053 to B_B043)(Consent 3) 10,11	14	14-Dec-24	02-Jan-25	134	21-Nov-24 A	09-May-25	60%	-13
WKCDA-C-CON-01420	Carry-out Pre-grout curtain works at Zone 2B(B_A018 to B_A001 ODD)(B_B008 to B_B001)(Consent 5) 9,8	12	26-Mar-25	09-Apr-25	62	18-Feb-25 A	07-May-25	63%	-11
Interlocking Pipe Pile Wall Works									
Interlocking Pipe Pile Wall Works at AURW Row (PP-030 to PP-001)'									
WKCDA-C-CON-01080	Installation of interlocking pipe pile wall at Zone 2B(PP-014 to PP-001)(14nos, 1 no/day/rig, 1rig)(Consent 3)	14	24-Jun-25	09-Jul-25	94	10-Jan-25 A	09-May-25	43%	0
Interlocking Pipe Pile Wall Works at AURW Row (PP-031 to PP-120)'									
WKCDA-C-CON-01090	Installation of interlocking pipe pile wall at Zone 2B(PP-053 to PP-031)(23nos, 1 no/day/rig, 1rig)(Consent 3)	20	08-May-25	30-May-25	22	26-Feb-25 A	24-Mar-25 A	100%	
WKCDA-C-CON-01095	Installation of interlocking pipe pile wall at Zone 2B(PP-120 to PP-054)(67nos, 1 no/day/rig, 1rig)(Consent 3)	20	09-Apr-25	07-May-25	61	23-Mar-25 A	10-Jun-25	16%	35
Interlocking Pipe Pile Wall Works at AURW Row (PP-200 to PP-121)'									
WKCDA-C-CON-01174	Installation of interlocking pipe pile wall at Zone 2B(PP-165 to PP-200)(36nos, 1 no/day/rig, 1rig)(Consent 3)	30	14-Jan-25	20-Feb-25	14	01-Apr-25 A	22-Apr-25	14%	22
WKCDA-C-CON-01166	Installation of interlocking pipe pile wall at Zone 2B(PP-164 to PP-143)(22nos, 1 no/day/rig, 1rig)(Consent 3)	22	16-Dec-24	13-Jan-25	22	10-May-25	05-Jun-25	0%	-60
WKCDA-C-CON-01164	Installation of interlocking pipe pile wall at Zone 2B(PP-142 to PP-121)(22nos, 1 no/day/rig, 1rig)(Consent 3)	38	14-Jan-25	01-Mar-25	38	06-Jun-25	19-Jul-25	0%	-60
Interlocking Pipe Pile Wall Works at AURW Row (PP-201 to PP-319)'									
WKCDA-C-CON-01176	Installation of interlocking pipe pile wall at Zone 2B(PP-201 to PP-224)(24nos, 1 no/day/rig, 1rig)(Consent 3)	30	21-Feb-25	27-Mar-25	8	09-Apr-25 A	22-Apr-25	8%	34
Interlocking Pipe Pile Wall Works at Middle Row (PPB-171 to PPB-001)									
WKCDA-C-CON-01345	Installation of interlocking pipe pile wall at Zone 2B(PPB-142 to PPB-114)(29nos, 1 no/day/rig, 1rig)(Consent 3)	29	21-Jan-25	26-Feb-25	134	21-Nov-24 A	09-May-25	97%	-13
WKCDA-C-CON-01450	Installation of interlocking pipe pile wall at Zone 2B(PPB-028 to PPB-001)(28nos, 1 no/day/rig, 1rig)(Consent 5)	28	14-Jun-25	16-Jul-25	62	18-Feb-25 A	07-May-25	96%	-11
Post Grout Curtain Works									
Drilling for post-grout Curtain Works AURW Row (PP-164 to PP-001)									
WKCDA-C-CON-10360	Drilling for post grout curtain works at Zone 2B(P_A167 to P_A138)(Consent 3) 30	20	14-Jan-25	08-Feb-25	20	06-Jun-25	28-Jun-25	0%	-31
Drilling for post-grout Curtain Works AURW Row (PP-165 to PP-319)									
WKCDA-C-CON-10400	Drilling for post grout curtain works at Zone 2B(P_A168 to P_A197)(Consent 3) 30	20	21-Feb-25	15-Mar-25	20	22-Apr-25	16-May-25	0%	22
WKCDA-C-CON-10380	Drilling for post grout curtain works at Zone 2B(P_A198 to P_A227)(Consent 3) 30	20	28-Mar-25	24-Apr-25	20	17-May-25	10-Jun-25	0%	22
Drilling for post-grout Curtain Works Middle Row (PPB-172 to PPB-342)									
WKCDA-C-CON-10620	Drilling for post grout curtain works at Zone 2B(B_A163 to B_A192)(Consent 3) 30	20	20-Nov-24	12-Dec-24	20	22-Apr-25	16-May-25	0%	12



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◆ Critical MS — Actual Work Completed
Critical Bar ◇ 5D MS

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Date	Revision	Checked	Approved
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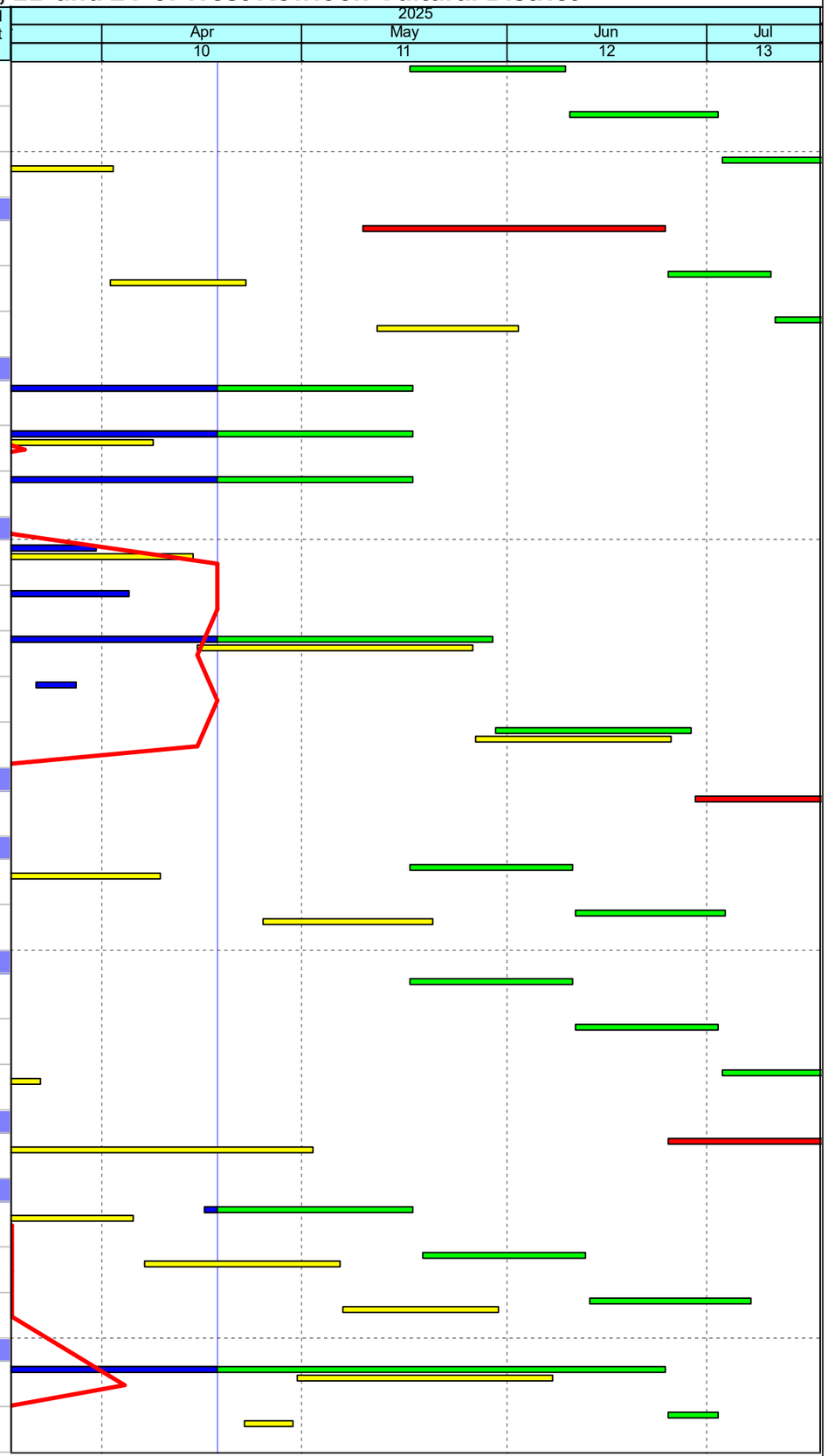
ELS Works (Stages 1 & 2) for Integrated Basement and Underground Road in Zones 2A, 2B and 2C of West Kowloon Cultural District

Activity ID	Activity Name	6th Draft Dur	6th Draft Start	6th Draft Finish	Dur	Forecast /Actual Start	Forecast /Actual Finish	%	Total Float
WKCDA-C-CON-10680	Drilling for post grout curtain works at Zone 2B(B_A193 to B_A220)(Consent 3) 28	19	27-Dec-24	18-Jan-25	19	17-May-25	09-Jun-25	0%	12
WKCDA-C-CON-10700	Drilling for post grout curtain works at Zone 2B(B_A221 to B_A250)(Consent 3) 30	20	05-Feb-25	27-Feb-25	20	10-Jun-25	02-Jul-25	0%	12
WKCDA-C-CON-10720	Drilling for post grout curtain works at Zone 2B(B_A251 to B_A278)(Consent 3) 28	19	12-Mar-25	02-Apr-25	19	03-Jul-25	24-Jul-25	0%	12
Drilling for post-grout Curtain Works Middle Row (PPB-171 to PPB-001)									
WKCDA-C-CON-10640	Drilling for post grout curtain works at Zone 2B(B_A162 to B_A103)(Consent 3) 60	40	21-Jan-25	11-Mar-25	38	10-May-25	24-Jun-25	0%	-13
WKCDA-C-CON-10580	Drilling for post grout curtain works at Zone 2B(B_A102 to B_A082)(Consent 3) 21	14	02-Apr-25	22-Apr-25	14	25-Jun-25	10-Jul-25	0%	9
WKCDA-C-CON-10600	Drilling for post grout curtain works at Zone 2B(B_A081 to B_A056)(Consent 3) 26	18	12-May-25	02-Jun-25	18	11-Jul-25	31-Jul-25	0%	9
Drilling for post-grout Curtain Works between Zone 3 and Zone 2B									
WKCDA-C-CON-10800	Drilling for post grout curtain works between Zone 3 and Zone 2B (G_A032 to G_A062) 31	21	18-Feb-25	13-Mar-25	91	22-Jan-25 A	17-May-25	87%	86
WKCDA-C-CON-10780	Drilling for post grout curtain works between Zone 3 and Zone 2B(G_A001 to G_A031) 31	21	14-Mar-25	08-Apr-25	70	19-Feb-25 A	17-May-25	45%	128
WKCDA-C-CON-10820	Drilling for post grout curtain works between Zone 3 and Zone 2B (G_A063 to G_A093) 31	21	21-Jan-25	17-Feb-25	65	25-Feb-25 A	17-May-25	77%	86
Drilling for post-grout Curtain Works between Zone 3 and Zone 2C									
WKCDA-C-CON-10860	Drilling for post grout curtain works between Zone 3 and Zone 2B (G_A132 to G_A162) 31	31	08-Mar-25	14-Apr-25	103	23-Nov-24 A	31-Mar-25 A	100%	
WKCDA-C-CON-10760	Drilling for post grout curtain works between Zone 3 and Zone 2B (G_A094 to G_A124) 31	31	21-Jan-25	28-Feb-25	79	28-Dec-24 A	05-Apr-25 A	100%	
WKCDA-C-CON-10880	Drilling for post grout curtain works between Zone 3 and Zone 2B (G_A163 to G_A193) 31	31	15-Apr-25	26-May-25	81	18-Feb-25 A	29-May-25	97%	31
WKCDA-C-CON-10840	Drilling for post grout curtain works between Zone 3 and Zone 2B (G_A125 to G_A131) 7	6	01-Mar-25	07-Mar-25	5	22-Mar-25 A	28-Mar-25 A	100%	
WKCDA-C-CON-10900	Drilling for post grout curtain works between Zone 3 and Zone 2B (G_A194 to G_A217) 24	25	27-May-25	25-Jun-25	25	30-May-25	28-Jun-25	0%	93
Post Grout Curtain Works AURW Row (PP-164 to PP-001)									
WKCDA-C-CON-01167	Carry-out Post grout curtain works at Zone 2B(P_A167 to P_A138)(Consent 3) 30	20	10-Feb-25	04-Mar-25	20	29-Jun-25	22-Jul-25	0%	-29
Post Grout Curtain Works AURW Row (PP-165 to PP-319)									
WKCDA-C-CON-01175	Carry-out Post grout curtain works at Zone 2B(P_A168 to P_A197)(Consent 3) 30	20	17-Mar-25	09-Apr-25	20	17-May-25	10-Jun-25	0%	22
WKCDA-C-CON-01177	Carry-out Post grout curtain works at Zone 2B(P_A198 to P_A227)(Consent 3) 30	20	25-Apr-25	20-May-25	20	11-Jun-25	03-Jul-25	0%	22
Post Grout Curtain Works Middle Row (PPB-172 to PPB-342)									
WKCDA-C-CON-01351	Carry-out Post grout curtain works at Zone 2B(B_A163 to B_A192)(Consent 3) 30	20	13-Dec-24	08-Jan-25	20	17-May-25	10-Jun-25	0%	12
WKCDA-C-CON-01353	Carry-out Post grout curtain works at Zone 2B(B_A193 to B_A220)(Consent 3) 28	19	20-Jan-25	13-Feb-25	19	11-Jun-25	02-Jul-25	0%	12
WKCDA-C-CON-01355	Carry-out Post grout curtain works at Zone 2B(B_A221 to B_A250)(Consent 3) 30	20	28-Feb-25	22-Mar-25	20	03-Jul-25	25-Jul-25	0%	12
Post Grout Curtain Works Middle Row (PPB-171 to PPB-001)									
WKCDA-C-CON-01341	Carry-out Post grout curtain works at Zone 2B(B_A162 to B_A103)(Consent 3) 60	40	12-Mar-25	02-May-25	40	25-Jun-25	09-Aug-25	0%	-13
Post Grout Curtain Works between Zone 3 and Zone 2B									
WKCDA-C-CON-01070	Carry-out Post grout curtain works between Zone 3 and Zone 2B (G_A063 to G_A093) 31	21	12-Mar-25	05-Apr-25	23	16-Apr-25 A	17-May-25	0%	86
WKCDA-C-CON-01050	Carry-out Post grout curtain works between Zone 3 and Zone 2B (G_A032 to G_A062) 31	21	07-Apr-25	06-May-25	21	19-May-25	12-Jun-25	0%	86
WKCDA-C-CON-01010	Carry-out Post grout curtain works between Zone 3 and Zone 2B(G_A001 to G_A031) 31	21	07-May-25	30-May-25	21	13-Jun-25	07-Jul-25	0%	86
Post Grout Curtain Works between Zone 3 and Zone 2C									
WKCDA-C-CON-01150	Carry-out Post grout curtain works between Zone 3 and Zone 2B (G_A132 to G_A162) 31	31	30-Apr-25	07-Jun-25	150	17-Dec-24 A	24-Jun-25	87%	3
WKCDA-C-CON-01135	Carry-out Post grout curtain works between Zone 3 and Zone 2B (G_A125 to G_A131) 7	7	22-Apr-25	29-Apr-25	7	25-Jun-25	02-Jul-25	0%	3



Milestone | Planned Bar
Critical MS | Actual Work Completed
Critical Bar | 5D MS

CC/2023/2B/095
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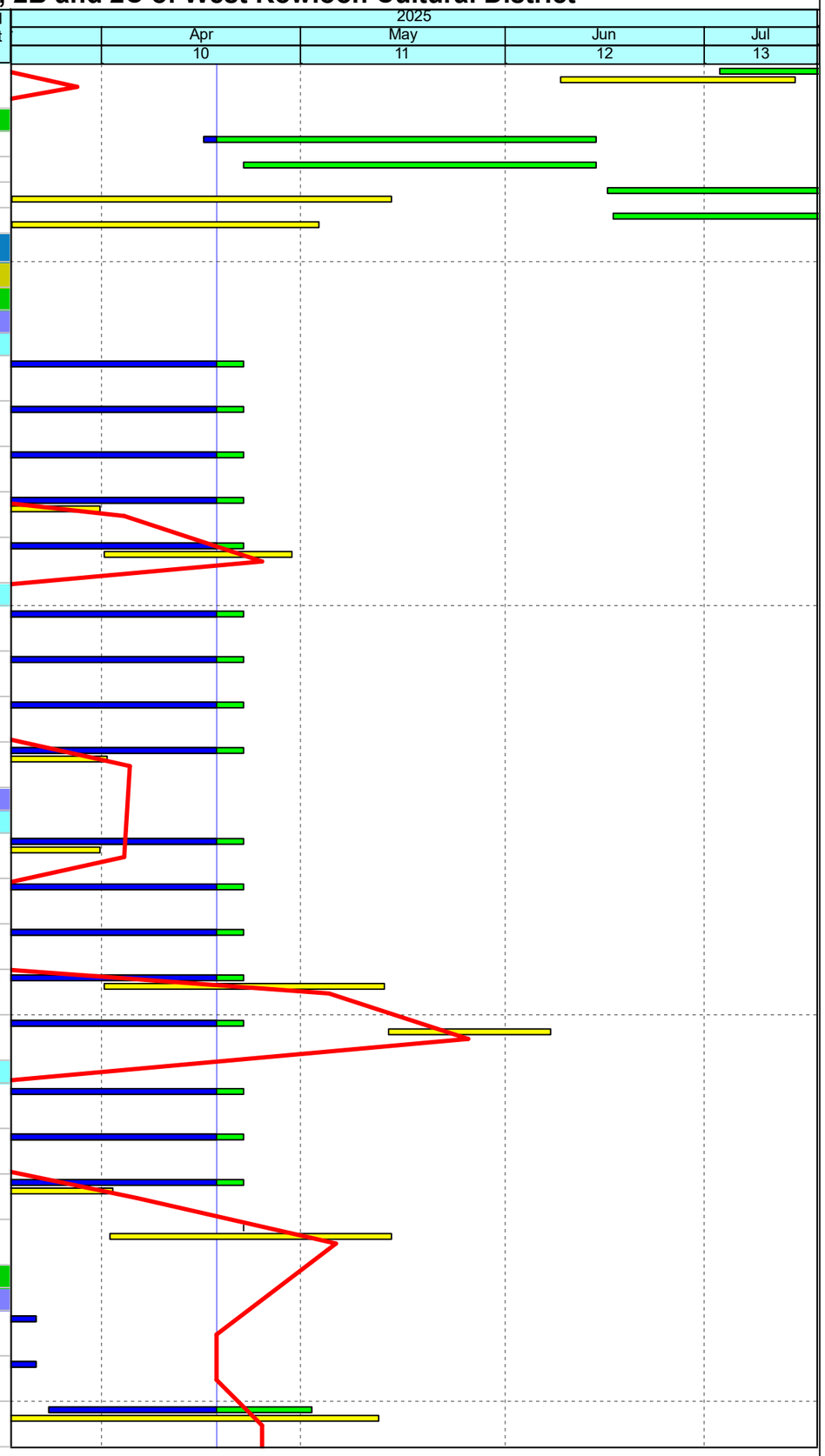
Date	Revision	Checked	Approved
28-Mar-25	6th Draft	KL	

ELS Works (Stages 1 & 2) for Integrated Basement and Underground Road in Zones 2A, 2B and 2C of West Kowloon Cultural District

Activity ID	Activity Name	6th Draft Dur	6th Draft Start	6th Draft Finish	Dur	Forecast /Actual Start	Forecast /Actual Finish	%	Total Float
WKCDA-C-CON-01170	Carry-out Post grout curtain works between Zone 3 and Zone 2B (G_A163 to G_A193) 31	31	09-Jun-25	14-Jul-25	31	03-Jul-25	07-Aug-25	0%	3
King Post Works									
WKCDA-C-CON-01480	Installation of king post at Zone 2B(44nos, 3days/pile/rig, 3rigs) for ELS	44	22-Jan-25	17-Mar-25	46	16-Apr-25 A	14-Jun-25	0%	15
WKCDA-C-CON-01490	Installation of king post at Zone 2B(44nos, 3days/pile/rig, 3rigs) for ELS	44	22-Jan-25	17-Mar-25	44	22-Apr-25	14-Jun-25	0%	23
WKCDA-C-CON-01485	Installation of king post at Zone 2B(44nos, 3days/pile/rig, 3rigs) for ELS	44	18-Mar-25	14-May-25	44	16-Jun-25	05-Aug-25	0%	15
WKCDA-C-CON-01495	Installation of king post at Zone 2B(36nos, 3days/pile/rig, 3rigs) for ELS	36	18-Mar-25	03-May-25	36	17-Jun-25	28-Jul-25	0%	22
Cost Centre D - Excavation and Lateral Support Works for Zone 2C (Stage 1)									
Construction									
Pre-Grout Curtain Works									
Drilling for pre-grout curtain at Zone 2C									
Drilling for pre-grout curtain at Zone 2C Part 1									
WKCDA-D-CON-01042	Drilling for pre-grout curtain at Zone 2C(A_A122 to A_A077 EVEN)(A_B040 to A_B062)(Consent 6b) 23,23	31	15-Jan-25	22-Feb-25	118	23-Nov-24 A	22-Apr-25	50%	303
WKCDA-D-CON-01044	Drilling for pre-grout curtain at Zone 2C(A_A214 to A_A169 EVEN)(A_B086 to A_B108)(Consent 6b) 23,23	31	31-Oct-24	05-Dec-24	118	23-Nov-24 A	22-Apr-25	61%	395
WKCDA-D-CON-01043	Drilling for pre-grout curtain at Zone 2C(A_A168 to A_A123 EVEN)(A_B063 to A_B085)(Consent 6b) 23,23	31	06-Dec-24	14-Jan-25	111	02-Dec-24 A	22-Apr-25	54%	349
WKCDA-D-CON-01041	Drilling for pre-grout curtain at Zone 2C(A_A076 to A_A031 EVEN)(A_B017 to A_B039)(Consent 6b) 23,23	31	24-Feb-25	31-Mar-25	86	03-Jan-25 A	22-Apr-25	50%	349
WKCDA-D-CON-01040	Drilling for pre-grout curtain at Zone 2C(A_A030 to A_A001EVEN)(A_B001 to A_B016)(Consent 6b) 15,16	21	01-Apr-25	29-Apr-25	71	21-Jan-25 A	22-Apr-25	48%	395
Drilling for pre-grout curtain at Zone 2C Part 2									
WKCDA-D-CON-01045	Drilling for pre-grout curtain at Zone 2C(A_A216 to A_A260 EVEN)(A_B109 to A_B131)(Consent 6b) 23,23	31	31-Oct-24	05-Dec-24	109	04-Dec-24 A	22-Apr-25	50%	279
WKCDA-D-CON-01046	Drilling for pre-grout curtain at Zone 2C(A_A262 to A_A306 EVEN)(A_B132 to A_B154)(Consent 6b) 23,23	31	06-Dec-24	14-Jan-25	95	20-Dec-24 A	22-Apr-25	50%	279
WKCDA-D-CON-01047	Drilling for pre-grout curtain at Zone 2C(A_A308 to A_A350 EVEN)(A_B155 to A_B179)(Consent 6b) 22,25	32	15-Jan-25	24-Feb-25	42	27-Feb-25 A	22-Apr-25	74%	314
WKCDA-D-CON-01048	Drilling for pre-grout curtain at Zone 2C(A_A352 to A_A396 EVEN)(A_B180 to A_B202)(Consent 6b) 23,23	31	25-Feb-25	01-Apr-25	33	10-Mar-25 A	22-Apr-25	98%	360
Pre-grout curtain works at Zone 2C									
Pre-grout curtain works at Zone 2C Part 1									
WKCDA-D-CON-01062	Carry-out Pre-grout curtain works at Zone 2C(A_A122 to A_A077 EVEN)(A_B040 to A_B062)(Consent 6b) 23,23	31	24-Feb-25	31-Mar-25	99	16-Dec-24 A	22-Apr-25	50%	303
WKCDA-D-CON-01063	Carry-out Pre-grout curtain works at Zone 2C(A_A168 to A_A123 EVEN)(A_B063 to A_B085)(Consent 6b) 23,23	31	15-Jan-25	22-Feb-25	98	17-Dec-24 A	22-Apr-25	50%	349
WKCDA-D-CON-01064	Carry-out Pre-grout curtain works at Zone 2C(A_A214 to A_A169 EVEN)(A_B086 to A_B108)(Consent 6b) 23,23	31	06-Dec-24	14-Jan-25	91	27-Dec-24 A	22-Apr-25	50%	395
WKCDA-D-CON-01060	Carry-out Pre-grout curtain works at Zone 2C(A_A076 to A_A031 EVEN)(A_B017 to A_B039)(Consent 6b) 23,23	31	01-Apr-25	13-May-25	59	07-Feb-25 A	22-Apr-25	50%	349
WKCDA-D-CON-01061	Carry-out Pre-grout curtain works at Zone 2C(A_A030 to A_A001EVEN)(A_B001 to A_B016)(Consent 6b) 15,16	21	14-May-25	07-Jun-25	35	07-Mar-25 A	22-Apr-25	48%	395
Pre-grout curtain works at Zone 2C Part 2									
WKCDA-D-CON-01065	Carry-out Pre-grout curtain works at Zone 2C(A_A216 to A_A260 EVEN)(A_B109 to A_B131)(Consent 6b) 23,23	31	06-Dec-24	14-Jan-25	92	24-Dec-24 A	22-Apr-25	50%	279
WKCDA-D-CON-01066	Carry-out Pre-grout curtain works at Zone 2C(A_A262 to A_A306 EVEN)(A_B132 to A_B154)(Consent 6b) 23,23	31	15-Jan-25	22-Feb-25	41	28-Feb-25 A	22-Apr-25	50%	279
WKCDA-D-CON-01067	Carry-out Pre-grout curtain works at Zone 2C(A_A308 to A_A350 EVEN)(A_B155 to A_B179)(Consent 6b) 22,25	32	25-Feb-25	02-Apr-25	30	13-Mar-25 A	22-Apr-25	6%	314
WKCDA-D-CON-01068	Carry-out Pre-grout curtain works at Zone 2C(A_A352 to A_A396 EVEN)(A_B180 to A_B202)(Consent 6b) 23,23	31	02-Apr-25	14-May-25	0	22-Apr-25	22-Apr-25	0%	360
Interlocking Pipe Pile Wall Works									
Interlocking Pipe Pile Wall Works Part 1									
WKCDA-D-CON-01180	Installation of interlocking pipe pile wall at Zone 2C(PPA-213 to PPA-194)(20nos, 1 no/day/rig, 1rig)(Consent 6b)	46	15-Jan-25	12-Mar-25	47	23-Jan-25 A	22-Mar-25 A	100%	
WKCDA-D-CON-01182	Installation of interlocking pipe pile wall at Zone 2C(PPA-193 to PPA-168)(26nos, 1 no/day/rig, 1rig)(Consent 6b)	0			47	23-Jan-25 A	22-Mar-25 A	100%	
WKCDA-D-CON-01160	Installation of interlocking pipe pile wall at Zone 2C(PPA-167 to PPA-122)(46nos, 1 no/day/rig, 1rig)(Consent 6b)	46	13-Mar-25	12-May-25	30	24-Mar-25 A	02-May-25	43%	294



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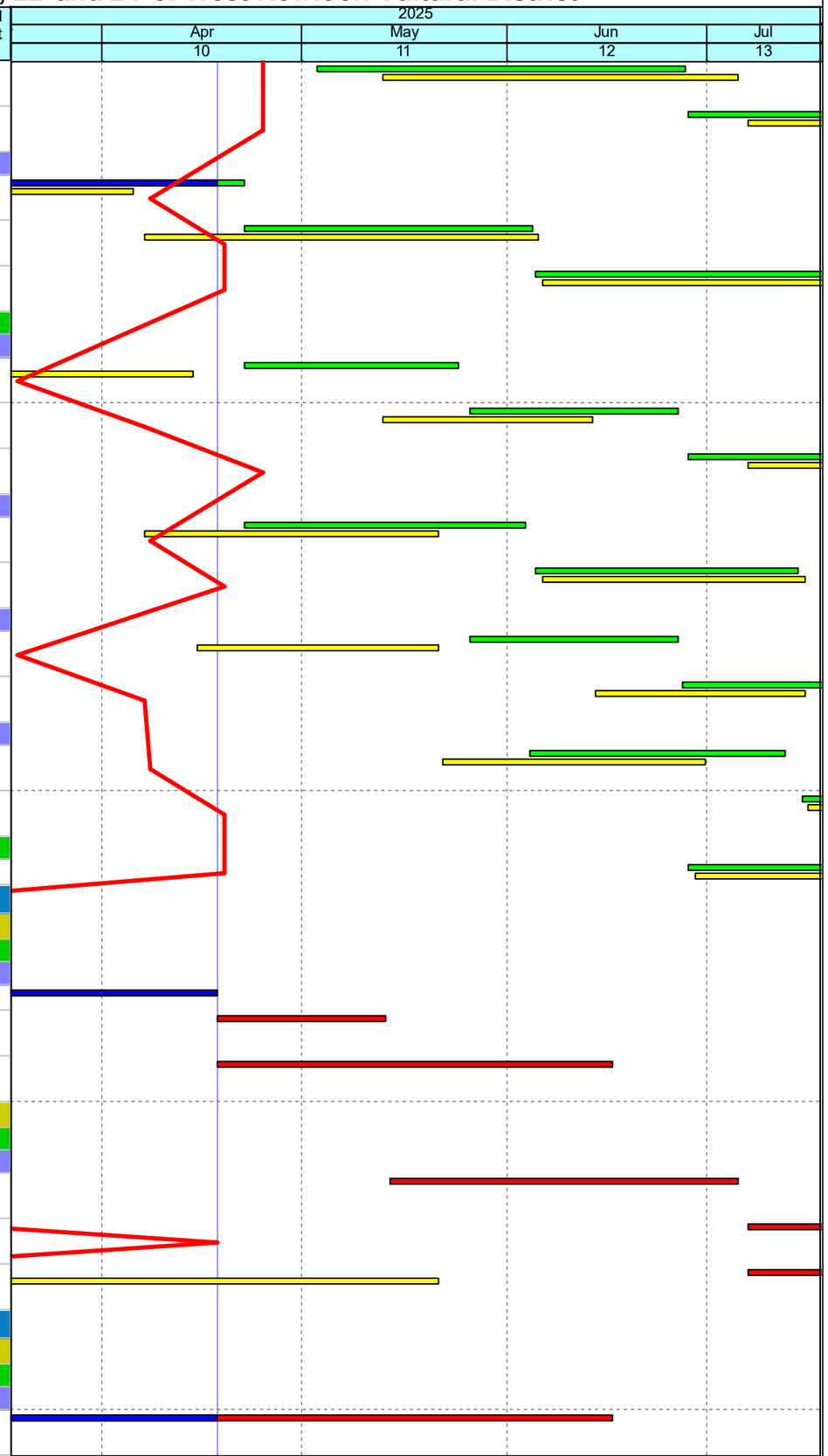
WKCDA-D-CON-01140	Installation of interlocking pipe pile wall at Zone 2C(PPA-121 to PPA-076)(46nos, 1 no/day/rig, 1rig)(Consent 6b)	46	13-May-25	05-Jul-25	46	03-May-25	27-Jun-25	0%	294
WKCDA-D-CON-01080	Installation of interlocking pipe pile wall at Zone 2C(PPA-075 to PPA-030)(46nos, 1 no/day/rig, 1rig)(Consent 6b)	46	07-Jul-25	28-Aug-25	46	28-Jun-25	20-Aug-25	0%	294
Interlocking Pipe Pile Wall Works Part 2									
WKCDA-D-CON-01220	Installation of interlocking pipe pile wall at Zone 2C(PPA-214 to PPA-259)(46nos, 1 no/day/rig, 1rig)(Consent 6b)	46	11-Feb-25	05-Apr-25	32	11-Mar-25 A	22-Apr-25	85%	279
WKCDA-D-CON-01240	Installation of interlocking pipe pile wall at Zone 2C(PPA-260 to PPA-305)(46nos, 1 no/day/rig, 1rig)(Consent 6b)	46	07-Apr-25	05-Jun-25	35	22-Apr-25	04-Jun-25	0%	279
WKCDA-D-CON-01260	Installation of interlocking pipe pile wall at Zone 2C(PPA-306 to PPA-351)(46nos, 1 no/day/rig, 1rig)(Consent 6b)	46	06-Jun-25	29-Jul-25	46	05-Jun-25	28-Jul-25	0%	279
Post Grout Curtain Works									
Drilling for post-grout curtain works Part 1									
WKCDA-D-CON-1440	Drilling for post grout curtain works at Zone 2C(A_A197 to A_A158)(Consent 6b) 40	27	13-Mar-25	14-Apr-25	27	22-Apr-25	24-May-25	0%	314
WKCDA-D-CON-1420	Drilling for post grout curtain works at Zone 2C(A_A157 to A_A118)(Consent 6b) 40	27	13-May-25	13-Jun-25	27	26-May-25	26-Jun-25	0%	314
WKCDA-D-CON-1400	Drilling for post grout curtain works at Zone 2C(A_A117 to A_A078)(Consent 6b) 40	27	07-Jul-25	06-Aug-25	27	28-Jun-25	29-Jul-25	0%	313
Drilling for post-grout curtain works Part 2									
WKCDA-D-CON-1460	Drilling for post grout curtain works at Zone 2C(A_A198 to A_A247)(Consent 6b) 50	34	07-Apr-25	21-May-25	34	22-Apr-25	03-Jun-25	0%	304
WKCDA-D-CON-1480	Drilling for post grout curtain works at Zone 2C(A_A248 to A_A297)(Consent 6b) 50	34	06-Jun-25	15-Jul-25	34	05-Jun-25	14-Jul-25	0%	303
Post Grout Curtain Works Part 1									
WKCDA-D-CON-01294	Carry-out post grout curtain works at Zone 2C(A_A197 to A_A158)(Consent 6b) 40	27	15-Apr-25	21-May-25	27	26-May-25	26-Jun-25	0%	314
WKCDA-D-CON-01293	Carry-out post grout curtain works at Zone 2C(A_A157 to A_A118)(Consent 6b) 40	27	14-Jun-25	15-Jul-25	27	27-Jun-25	28-Jul-25	0%	314
Post Grout Curtain Works Part 2									
WKCDA-D-CON-01295	Carry-out post grout curtain works at Zone 2C(A_A198 to A_A247)(Consent 6b) 50	34	22-May-25	30-Jun-25	34	04-Jun-25	12-Jul-25	0%	304
WKCDA-D-CON-01296	Carry-out post grout curtain works at Zone 2C(A_A248 to A_A297)(Consent 6b) 50	34	16-Jul-25	23-Aug-25	34	15-Jul-25	22-Aug-25	0%	303
Pumping Test									
WKCDA-D-CON-01320	Installation of pump wells(OW,DW&RW)(17nos, 3days/no/rig, 3rig) at Zone 2C 1	26	29-Jun-25	29-Jul-25	26	28-Jun-25	28-Jul-25	0%	315
Cost Centre E - Excavation and Lateral Support Works for Zone 2B (Stage 2)									
Submissions and Approval									
Design Submission and Statutory Submission									
ELS design at zone 2B & zone 2A-1 (stage 2)									
WKCDA-C-SUB-01200	Prepare and submit ELS design at zone 2B & zone 2A-1(stage 2)	60	05-Jul-24	02-Sep-24	238	23-Aug-24 A	18-Apr-25	0%	-96
WKCDA-C-SUB-01220	Review and approve submission of ELS design at zone 2B & zone 2A-1(stage 2)	28	03-Sep-24	30-Sep-24	26	18-Apr-25	13-May-25	0%	-96
WKCDA-C-SUB-01240	Review and approve submission of ELS design at zone 2B & zone 2A-1 (stage 2) by BD	60	01-Oct-24	29-Nov-24	60	18-Apr-25	16-Jun-25	0%	-70
Construction									
Excavation, Temporary Shoring and Struts									
Temporary Shoring									
WKCDA-E-CON-01020	Installation of king post at Zone 2B(90nos, 3days/pile/rig, 6rigs) for Steel Platform Part 1	45	04-Jan-25	28-Feb-25	45	14-May-25	05-Jul-25	0%	-76
WKCDA-E-CON-10200	Installation of king post at Zone 2B(62nos, 3days/pile/rig, 6rigs) for Steel Platform Part 3	0			31	07-Jul-25	11-Aug-25	0%	-76
WKCDA-E-CON-01021	Installation of king post at Zone 2B(128nos, 3days/pile/rig, 6rigs) for Steel Platform Part 2	64	01-Mar-25	21-May-25	64	07-Jul-25	18-Sep-25	0%	-76
Cost Centre F - Excavation and Lateral Support Works for Zone 2A-1 (Stage 2)									
Submissions and Approval									
Design Submission and Statutory Submission									
ELS design at Zone 2A-1 (Stage 2)									
WKCDA-F-SUB-01080	Review and approve submission of ELS design at zone 2B & zone 2A-1 (stage 2) by BD	60	29-Nov-24	27-Jan-25	120	17-Feb-25 A	16-Jun-25	0%	-24



◇ Milestone — Planned Bar
◆ Critical MS — Actual Work Completed
Critical Bar ◇ 5D MS

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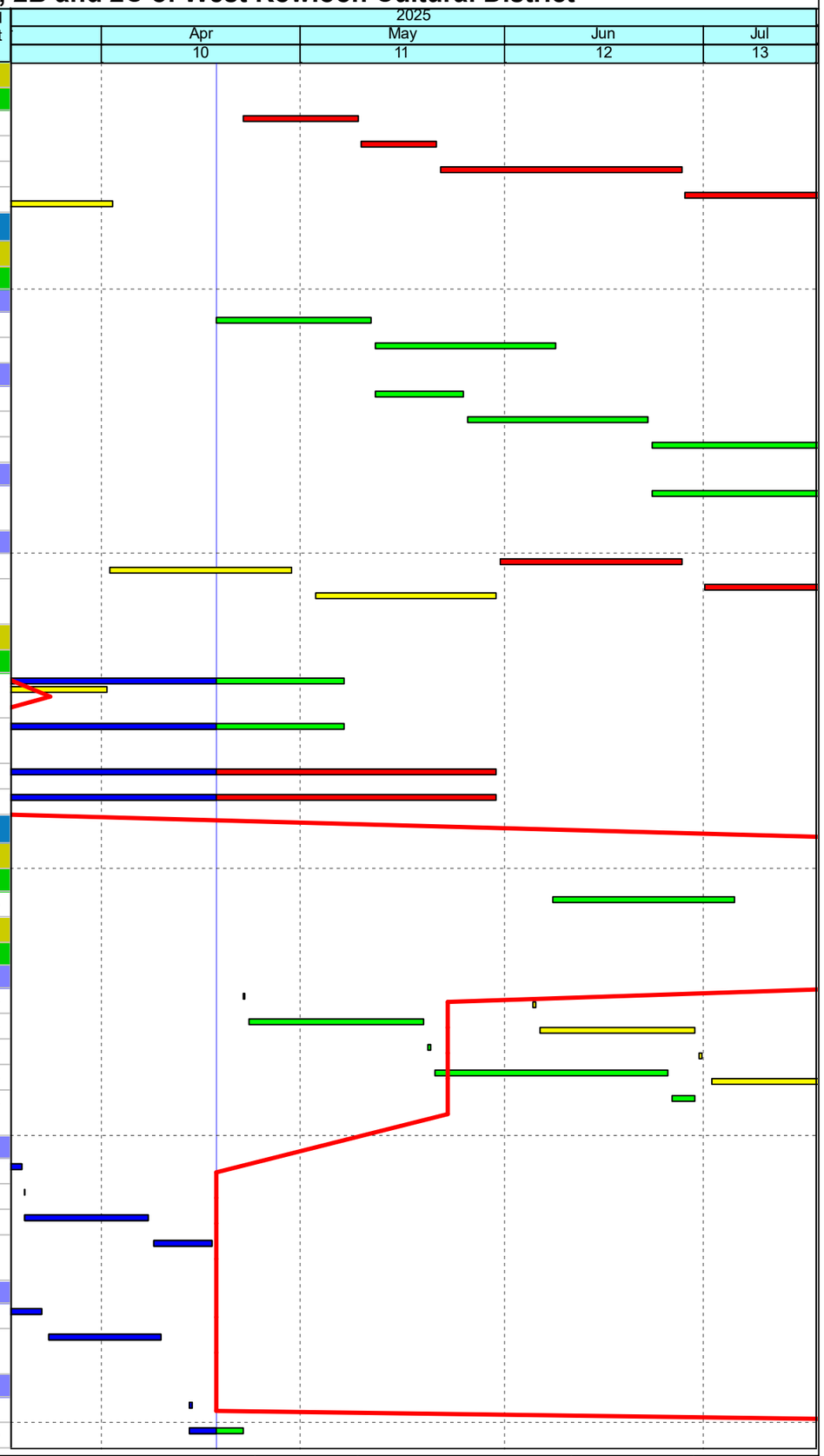
Date	Revision	Checked	Approved
28-Mar-25	6th Draft	KL	

ELS Works (Stages 1 & 2) for Integrated Basement and Underground Road in Zones 2A, 2B and 2C of West Kowloon Cultural District

Activity ID	Activity Name	6th Draft Dur	6th Draft Start	6th Draft Finish	Dur	Forecast /Actual Start	Forecast /Actual Finish	%	Total Float
Construction									
King Post									
WKCDA-F-CON-00990	Mobilize predrilling plant and equipment at Zone 2A-1	14	03-Oct-24	19-Oct-24	14	22-Apr-25	09-May-25	0%	-40
WKCDA-F-CON-01000	Carry out predrilling work at Zone 2A-1	10	21-Oct-24	31-Oct-24	10	10-May-25	21-May-25	0%	-40
WKCDA-F-CON-01010	Installation of king post at Zone 2A-1(31nos, 3days/pile/rig, 3rigs) For ELS	31	17-Jan-25	25-Feb-25	31	22-May-25	27-Jun-25	0%	-40
WKCDA-F-CON-01015	Installation of king post at Zone 2A-1(31nos, 3days/pile/rig, 3rigs) For ELS	31	26-Feb-25	02-Apr-25	31	28-Jun-25	02-Aug-25	0%	-40
Cost Centre G - Excavation and Lateral Support Works for Zone 2A-2-1 (Stage 2)									
Submissions and Approval									
Design Submission and Statutory Submission									
ELS design at Zone 2A-2-1 (Stage 1)									
WKCDA-G-SUB-01000	Prepare and submit ELS design at Zone 2A-2-1(Stage 1)	24	05-Jul-24	28-Jul-24	24	18-Apr-25	11-May-25	0%	8
WKCDA-G-SUB-01020	Review and approve submission of ELS design at Zone 2A-2-1(Stage 1)	28	29-Jul-24	25-Aug-24	28	12-May-25	08-Jun-25	0%	8
ELS design at Zone 2A-2-1 (Stage 2)									
WKCDA-G-SUB-02000	Prepare and submit ELS design at Zone 2A-2-1 (Stage 2)	28	21-Nov-24	18-Dec-24	14	12-May-25	25-May-25	0%	8
WKCDA-G-SUB-02020	Review and approve submission of ELS design at Zone 2A-2-1(Stage 2)	28	19-Dec-24	15-Jan-25	28	26-May-25	22-Jun-25	0%	8
WKCDA-G-SUB-02060	Review and approve of ELS design at Zone 2A-2-1 (Stage 2) by BD	60	16-Jan-25	16-Mar-25	60	23-Jun-25	21-Aug-25	0%	8
Method statement for excavation and lateral support installation at Zone 2A-2-1 (Stage 2)									
WKCDA-G-SUB-02080	Prepare and submit method statement for excavation and lateral support installation at Zone 2A-2-1(Stage 2)	28	16-Jan-25	12-Feb-25	28	23-Jun-25	20-Jul-25	0%	8
BD Submission									
WKCDA-G-SUB-02160	Submit BA14 and acknowledgment from BD for king post at Zone 2A-2-1	28	02-Apr-25	29-Apr-25	28	31-May-25	27-Jun-25	0%	0
WKCDA-G-SUB-02180	Application and obtain consent(BA8) for excavation and ELS installation at Zone 2A-2-1(Stage 2)(Consent 10)	28	03-May-25	30-May-25	28	01-Jul-25	28-Jul-25	0%	0
Construction									
King Post									
WKCDA-G-CON-01030	Installation of king post at Zone 2A-2-1(50nos, 3days/pile/rig, 6rigs) for Steel Platform	25	04-Mar-25	01-Apr-25	105	23-Dec-24 A	07-May-25	0%	20
WKCDA-G-CON-01020	Installation of king post at Zone 2A-2-1(50nos, 3days/pile/rig, 6rigs) for Steel Platform	25	03-Feb-25	03-Mar-25	105	23-Dec-24 A	07-May-25	0%	20
WKCDA-G-CON-01000	Installation of king post at Zone 2A-2-1(39nos, 3days/pile/rig, 3rigs) for ELS	39	28-Oct-24	11-Dec-24	80	20-Feb-25 A	30-May-25	0%	0
WKCDA-G-CON-01010	Installation of king post at Zone 2A-2-1(39nos, 3days/pile/rig, 3rigs) for ELS	39	12-Dec-24	01-Feb-25	80	20-Feb-25 A	30-May-25	0%	0
Cost Centre H - Bored Pile Foundation for Zone 2A-2-2									
Submissions and Approval									
Design Submission and Statutory Submission									
WKCDA-H-SUB-01240	Submit BA14 and acknowledgment from BD bored piling works at Zone 2A-2-2	28	20-Sep-26	17-Oct-26	28	08-Jun-25	05-Jul-25	0%	548
Construction									
Bored Pile Foundation 2A-2-2									
Bored Pile Works BP28Y									
WKCDA-H-CON-01260	Plant Setup of Oscillator for bored pile(BP28Y)	1	05-Jun-25	05-Jun-25	1	22-Apr-25	22-Apr-25	0%	434
WKCDA-H-CON-01280	Casing Installation and Soft Excavation for bored pile(BP28Y)	21	06-Jun-25	29-Jun-25	21	23-Apr-25	19-May-25	0%	434
WKCDA-H-CON-01300	Plant Setup of RCD for bored pile(BP28Y)	1	30-Jun-25	30-Jun-25	1	20-May-25	20-May-25	0%	434
WKCDA-H-CON-01320	Rock Drilling of bored pile(BP28Y)	30	02-Jul-25	05-Aug-25	30	21-May-25	25-Jun-25	0%	434
WKCDA-H-CON-01340	Koden Test, Air Lifting, Installation of Rebar Cage and Concreting(BP28Y)(Including Testing)	4	06-Aug-25	09-Aug-25	4	26-Jun-25	29-Jun-25	0%	434
Bored Pile Works BP28X									
WKCDA-H-CON-01380	Casing Installation and Soft Excavation for bored pile(BP28X)	21	12-Aug-25	04-Sep-25	5	14-Mar-25 A	20-Mar-25 A	100%	
WKCDA-H-CON-01400	Plant Setup of RCD for bored pile(BP28X)	1	05-Sep-25	05-Sep-25	0	20-Mar-25 A	20-Mar-25 A	100%	
WKCDA-H-CON-01420	Rock Drilling of bored pile(BP28X)	19	06-Sep-25	27-Sep-25	15	20-Mar-25 A	08-Apr-25 A	100%	
WKCDA-H-CON-01440	Koden Test, Air Lifting, Installation of Rebar Cage and Concreting(BP28X)(Including Testing)	4	29-Sep-25	03-Oct-25	8	09-Apr-25 A	17-Apr-25 A	100%	
Bored Pile Works BP29YA									
WKCDA-H-CON-01620	Rock Drilling of bored pile(BP29YA)	30	23-Jan-26	02-Mar-26	13	08-Mar-25 A	23-Mar-25 A	100%	
WKCDA-H-CON-01640	Koden Test, Air Lifting, Installation of Rebar Cage and Concreting(BP29YA)(Including Testing)	4	03-Mar-26	06-Mar-26	14	24-Mar-25 A	10-Apr-25 A	100%	
Bored Pile Works BP30Y									
WKCDA-H-CON-01660	Plant Setup of Oscillator for bored pile(BP30Y)	1	07-Mar-26	07-Mar-26	1	14-Apr-25 A	14-Apr-25 A	100%	
WKCDA-H-CON-01680	Casing Installation and Soft Excavation for bored pile(BP30Y)	30	09-Mar-26	16-Apr-26	4	14-Apr-25 A	22-Apr-25	100%	405



◇ Milestone — Planned Bar
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Critical Bar — ◇ 5D MS

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Date	Revision	Checked	Approved
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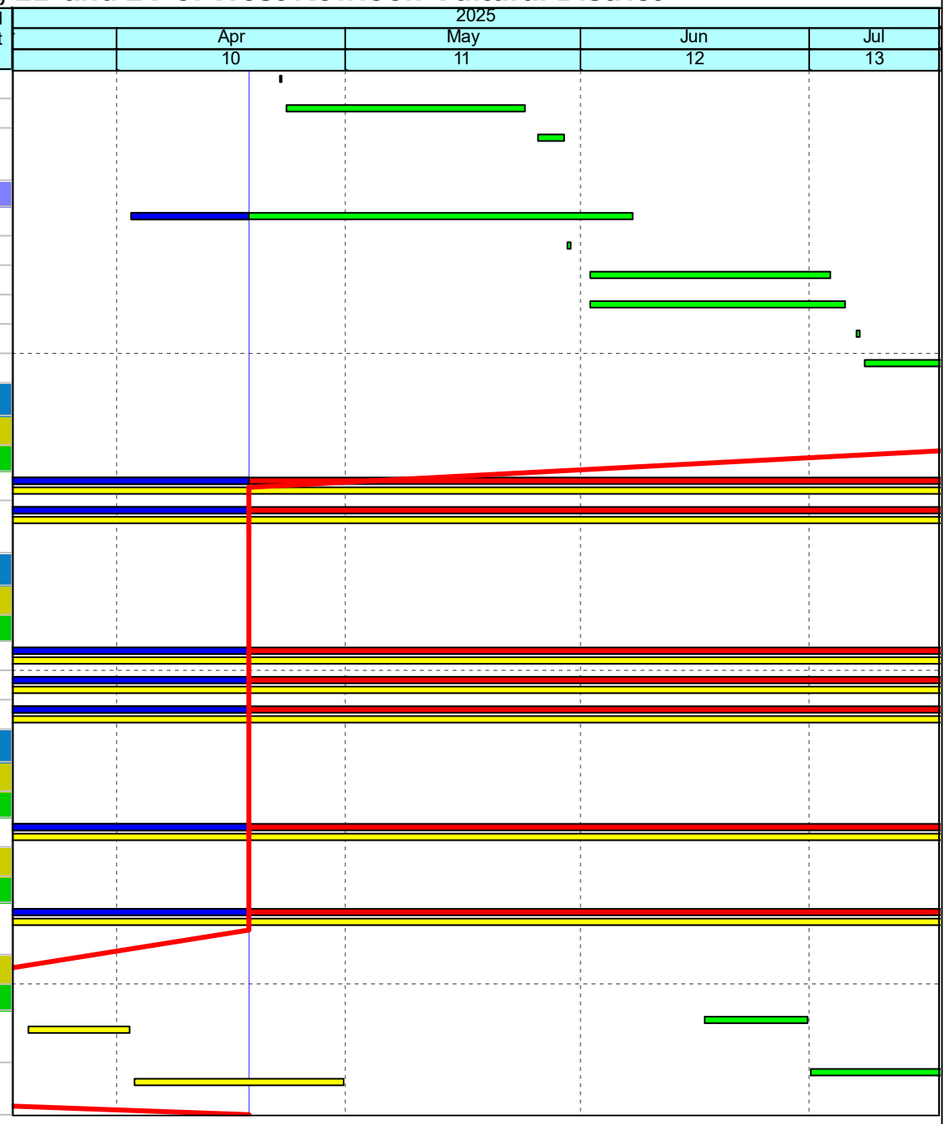
ELS Works (Stages 1 & 2) for Integrated Basement and Underground Road in Zones 2A, 2B and 2C of West Kowloon Cultural District

Activity ID	Activity Name	6th Draft Dur	6th Draft Start	6th Draft Finish	Dur	Forecast /Actual Start	Forecast /Actual Finish	%	Total Float
WKCDA-H-CON-01700	Plant Setup of RCD for bored pile(BP30Y)	1	17-Apr-26	17-Apr-26	1	22-Apr-25	22-Apr-25	0%	405
WKCDA-H-CON-01720	Rock Drilling of bored pile(BP30Y)	26	18-Apr-26	19-May-26	26	23-Apr-25	24-May-25	0%	405
WKCDA-H-CON-01740	Koden Test, Air Lifting, Installation of Rebar Cage and Concreting(BP30Y)(Including Testing)	4	20-May-26	23-May-26	4	26-May-25	29-May-25	0%	405
Bored Pile Works BP30X									
WKCDA-H-CON-01880	Interface core for bored piles(8nos, 4days/pile/rig, 1rig)	16	02-Sep-26	19-Sep-26	50	03-Apr-25 A	07-Jun-25	0%	449
WKCDA-H-CON-01760	Plant Setup of Oscillator for bored pile(BP30X)	1	26-May-26	26-May-26	1	30-May-25	30-May-25	0%	405
WKCDA-H-CON-01860	Last bored pile design strength	28	31-Jul-26	01-Sep-26	28	02-Jun-25	03-Jul-25	0%	431
WKCDA-H-CON-01780	Casing Installation and Soft Excavation for bored pile(BP30X)	30	27-May-26	02-Jul-26	30	02-Jun-25	05-Jul-25	0%	405
WKCDA-H-CON-01800	Plant Setup of RCD for bored pile(BP30X)	1	03-Jul-26	03-Jul-26	1	07-Jul-25	07-Jul-25	0%	405
WKCDA-H-CON-01820	Rock Drilling of bored pile(BP30X)	19	04-Jul-26	25-Jul-26	19	08-Jul-25	29-Jul-25	0%	405
Cost Centre J & M - Site Safety and Smart Site Safety System									
General Submission									
Submission and Approval and Implementation									
WKCDA-JM-SUB-01000	Submit and update Construction Health and Safety Plan	914	05-Jul-24	04-Jan-27	904	15-Jul-24 A	04-Jan-27	0%	0
WKCDA-JM-SUB-01100	Implementation and update of SSSS(including communication network,centralized management platform,etc.)	879	09-Aug-24	04-Jan-27	852	05-Sep-24 A	04-Jan-27	0%	0
Cost Centre K - Environmental Management									
General Submission									
Submission and Approval and Implementation									
WKCDA-K-SUB-01020	Conduct environmental monitoring & audit and submit EM&A report to EPD	914	05-Jul-24	04-Jan-27	914	05-Jul-24 A	04-Jan-27	0%	0
WKCDA-K-SUB-01000	Submit and update Environmental Management Plan	914	05-Jul-24	04-Jan-27	881	07-Aug-24 A	04-Jan-27	0%	0
WKCDA-K-SUB-01040	Implementation of the EM&A programme	914	05-Jul-24	04-Jan-27	881	07-Aug-24 A	04-Jan-27	0%	0
Cost Centre P, Q, R & S- Optional Works									
Item No.1 - Maintenance and Demolition of NSO									
Site Maintenance and Demolition of NSO									
WKCDA-P-#OW-01000	Take-over and maintenance of NSO	855	01-Aug-24	03-Dec-26	882	05-Jul-24 A	03-Dec-26	0%	0
Item No.2 - Adoption of G/F as CA's and RSS's Site Office & Maintenance of 1/F and Demolition of NSO									
Site Maintenance and Demolition of NSO									
WKCDA-Q-#OW-01000	Take-over adoption of G/F NSO as CA and RSS's site office and maintenance of 1/F NSO	855	01-Aug-24	03-Dec-26	882	05-Jul-24 A	03-Dec-26	0%	0
Item No.4 - Road Reinstatement Works at Austin Road West									
Road Reinstatement Works									
WKCDA-S-#OW-01000	Prepare and submit TTMS scheme for road reinstatement works at Austin Road West	14	20-Mar-25	02-Apr-25	14	17-Jun-25	30-Jun-25	0%	345
WKCDA-S-#OW-01020	Review and approve submission of TTMS scheme for road reinstatement works at Austin Road West	28	03-Apr-25	30-Apr-25	28	01-Jul-25	28-Jul-25	0%	345



Milestone | Planned Bar
Critical MS | Actual Work Completed
Critical Bar | 5D MS

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C. Environmental Mitigation Measures – Implementation Status

Table C-1: Environmental Mitigation Measures Implementation Status

EM&A Ref.	Recommendation Measures	Implementation Stage Zone 2A, 2B & 2C February 2025	March 2025	April 2025
Air Quality Impact (Construction)				
2.1	**General Dust Control Measures** Frequent water spraying for active construction areas (12 times a day or once every one hour), including Heavy construction activities such as construction of buildings or roads, drilling, ground excavation, cut and fill operations (i.e., earth moving)	✓	✓	✓
2.1	**Best Practice For Dust Control** The relevant best practices for dust control as stipulated in the Air Pollution Control (construction Dust) Regulation should be adopted to further reduce the construction dust impacts from the Project. These best practices include: *Good Site Management* • Good site management is important to help reducing potential air quality impact down to an acceptable level. As a general guide, the Contractor should maintain high standard of housekeeping to prevent emission of fugitive dust. Loading, unloading, handling and storage of raw materials, wastes or by-products should be carried out in a manner so as to minimise the release of visible dust emission. Any piles of materials accumulated on or around the work areas should be cleaned up regularly. Cleaning, repair and maintenance of all plant facilities within the work areas should be carried out in a manner minimising generation of fugitive dust emissions. The material should be handled properly to prevent fugitive dust emission before cleaning.	✓	✓	Obs
	Disturbed Parts of the Roads • Each and every main temporary access should be paved with concrete, bituminous hardcore materials or metal plates and kept clear of dusty materials; or	✓	✓	✓

EM&A Ref.	Recommendation Measures	Implementation Stage Zone 2A, 2B & 2C February 2025	March 2025	April 2025
	• Unpaved parts of the road should be sprayed with water or a dust suppression chemical so as to keep the entire road surface wet.	✓	Obs	Obs
	Exposed Earth	N/A	N/A	N/A
	• Exposed earth should be properly treated by compaction, hydroseeding, vegetation planting or seating with latex, vinyl, bitumen within six months after the last construction activity on the site or part of the site where the exposed earth lies.			
	Loading, Unloading or Transfer of Dusty Materials	✓	✓	✓
	• All dusty materials should be sprayed with water immediately prior to any loading or transfer operation so as to keep the dusty material wet.			
	Debris Handling	✓	✓	✓
	• Any debris should be covered entirely by impervious sheeting or stored in a debris collection area sheltered on the top and the three sides.			
	• Before debris is dumped into a chute, water should be sprayed so that it remains wet when it is dumped.	N/A	N/A	N/A
	Transport of Dusty Materials	✓	✓	✓
	• Vehicle used for transporting dusty materials/spoils should be covered with tarpaulin or similar material. The cover should extend over the edges of the sides and tailboards.			
	Wheel washing	✓	✓	✓
	• Vehicle wheel washing facilities should be provided at each construction site exit. Immediately before leaving the construction site, every vehicle should be washed to remove any dusty materials from its body and wheels.			
	Use of vehicles	✓	✓	✓
	• The speed of the trucks within the site should be controlled to about 10km/hour in order to reduce adverse dust impacts and secure the safe movement around the site.			

EM&A Ref.	Recommendation Measures	Implementation Stage Zone 2A, 2B & 2C February 2025	March 2025	April 2025
	• Immediately before leaving the construction site, every vehicle should be washed to remove any dusty materials from its body and wheels.	✓	✓	✓
	• Where a vehicle leaving the construction site is carrying a load of dusty materials, the load should be covered entirely by clean impervious sheeting to ensure that the dusty materials do not leak from the vehicle.	✓	✓	✓
	Site hoarding	✓	✓	✓
	• Where a site boundary adjoins a road, street, service lane or other area accessible to the public, hoarding of not less than 2.4m high from ground level should be provided along the entire length of that portion of the site boundary except for a site entrance or exit.			
2.1	**Best Practicable Means for Cement Works (Concrete Batching Plant)** The relevant best practices for dust control as stipulated in the Guidance Note on the Best Practicable Means for Cement Works (Concrete Batching Plant) BPM 3/2(93) should be followed and implemented to further reduce the construction dust impacts of the Project. These best practices include:			
	Exhaust from Dust Arrestment Plant	N/A	N/A	N/A
	• Wherever possible the final discharge point from particulate matter arrestment plant, where is not necessary to achieve dispersion from residual pollutants, should be at low level to minimise the effect on the local community in the case of abnormal emissions and to facilitate maintenance and inspection			
	Emission Limits	N/A	N/A	N/A
	• All emissions to air, other than steam or water vapour, shall be colourless and free from persistent mist or smoke			

EM&A Ref.	Recommendation Measures	Implementation Stage Zone 2A, 2B & 2C February 2025	March 2025	April 2025
	Engineering Design/Technical Requirements • As a general guidance, the loading, unloading, handling and storage of fuel, raw materials, products, wastes or by-products should be carried out in a manner so as to prevent the release of visible dust and/or other noxious or offensive emissions	N/A	N/A	N/A
	Non-Road Mobile Machinery (NRMM): All NRMMs operating on-site which are subject to emission control of Air Pollution Control (Non-road Mobile Machinery) (Emission) Regulation are approved/exempted (as the case may be) and affixed with the requisite approval/exemption labels.	Obs	Obs	Obs
Noise Impact (Construction)				
3.1	**Good Site Practice** • Good site practice and noise management can significantly reduce the impact of construction site activities on nearby NSRs. The following package of measures should be followed during each phase of construction:			
	• only well-maintained plant to be operated on-site and plant should be serviced regularly during the construction works;	✓	✓	✓
	• machines and plant that may be in intermittent use to be shut down between work periods or should be throttled down to a minimum	✓	✓	✓
	• plant known to emit noise strongly in one direction, should, where possible, be orientated to direct noise away from the NSRs;	✓	✓	✓
	• mobile plant should be sited as far away from NSRs as possible; and	✓	✓	✓
	• material stockpiles and other structures to be effectively utilised, where practicable, to screen noise from on-site construction activities.	✓	✓	✓

		Implementation Stage		
		Zone 2A, 2B & 2C		
EM&A Ref.	Recommendation Measures	February 2025	March 2025	April 2025
3.1	**Adoption of Quieter PME** The recommended quieter PME adopted in the assessment were taken from the EPD's QPME Inventory and "*Sound Power Levels of Other Commonly Used PME*" are presented in **Table 4.26** in the EIA report. It should be noted that the silenced PME selected for assessment can be found in Hong Kong.	✓	✓	✓
3.1	**Use of Movable Noise Barriers** Movable noise barriers can be very effective in screening noise from particular items of plant when constructing the Project. Noise barriers located along the active works area close to the noise generating component of a PME could produce at least 10 dB(A) screening for stationary plant and 5 dB(A) for mobile plant provided the direct line of sight between the PME and the NSRs is blocked.	✓	✓	✓
3.1	**Use of Noise Enclosure/ Acoustic Shed** The use of noise enclosure or acoustic shed is to cover stationary PME such as air compressor and concrete pump. With the adoption of the noise enclosure, the PME could be completely screened, and noise reduction of 15 dB(A) can be achieved according to the EIAO Guidance Note No. 9/2010.	✓	✓	Obs
3.1	**Use of Noise Insulating Fabric** Noise insulating fabric can also be adopted for certain PME (e.g. drill rig, pilling machine etc). The fabric should be lapped such that there are no openings or gaps on the joints. According to the approved Tsim Sha Tsui Station Northern Subway EIA report (AEIAR-127/2008), a noise reduction of 10 dB(A) can be achieved for the PME lapped with the noise insulating fabric.	✓	✓	✓
3.1	**Scheduling of Construction Works outside School Examination Periods** During construction phase, the contractor should liaise with the educational institutions (including NSRs LCS and CRGPS) to obtain the examination schedule and avoid the noisy construction activities during school examination periods.	✓	✓	✓

EM&A Ref.	Recommendation Measures	Implementation Stage Zone 2A, 2B & 2C February 2025	March 2025	April 2025
Water Quality Impact (Construction)				
4.1	**Construction site runoff and drainage** The site practices outlined in ProPECC Note PN 1/94 should be followed as far as practicable in order to minimise surface runoff and the chance of erosion. The following measures are recommended to protect water quality and sensitive uses of the coastal area, and when properly implemented should be sufficient to adequately control site discharges so as to avoid water quality impacts:			
	• At the start of site establishment, perimeter cut-off drains to direct off-site water around the site should be constructed with internal drainage works and erosion and sedimentation control facilities implemented. Channels, earth bunds or sand bag barriers should be provided on site to direct storm water to silt removal facilities. The design of the temporary on-site drainage system should be undertaken by the WKCDA's Contractor prior to the commencement of construction;	✓	✓	✓
	• Sand/silt removal facilities such as sand/silt traps and sediment basins should be provided to remove sand/silt particles from runoff to meet the requirements of the TM standards under the WPCO. The design of efficient silt removal facilities should be based on the guidelines in Appendix A1 of ProPECC Note PN 1/94. Sizes may vary depending upon the flow rate. The detailed design of the sand/silt traps should be undertaken by the WKCDA's Contractor prior to the commencement of construction.	✓	✓	✓
	• All drainage facilities and erosion and sediment control structures should be regularly inspected and maintained to ensure proper and efficient operation at all times and particularly during rainstorms. Deposited silt and grit should be regularly removed, at the onset of and after each rainstorm to ensure that these facilities are functioning properly at all times.	✓	✓	✓

EM&A Ref.	Recommendation Measures	Implementation Stage Zone 2A, 2B & 2C February 2025	March 2025	April 2025
	• Measures should be taken to minimize the ingress of site drainage into excavations. If excavation of trenches in wet periods is necessary, they should be dug and backfilled in short sections wherever practicable. Water pumped out from foundation excavations should be discharged into storm drains via silt removal facilities.	✓	✓	✓
	• All vehicles and plant should be cleaned before leaving a construction site to ensure no earth, mud, debris and the like is deposited by them on roads. An adequately designed and sited wheel washing facility should be provided at construction site exit where practicable. Wash-water should have sand and silt settled out and removed regularly to ensure the continued efficiency of the process. The section of access road leading to, and exiting from, the wheel-wash bay to the public road should be paved with sufficient backfall toward the wheel-wash bay to prevent vehicle tracking of soil and silty water to public roads and drains.	✓	✓	✓
	• Open stockpiles of construction materials or construction wastes onsite should be covered with tarpaulin or similar fabric during rainstorms. Measures should be taken to prevent the washing away of construction materials, soil, silt or debris into any drainage system.	✓	✓	Obs
	• Manholes (including newly constructed ones) should be adequately covered and temporarily sealed so as to prevent silt, construction materials or debris being washed into the drainage system and stormwater runoff being directed into foul sewers.	✓	✓	✓
	• Precautions should be taken at any time of the year when rainstorms are likely. Actions should be taken when a rainstorm is imminent or forecasted and actions to be taken during or after rainstorms are summarized in Appendix A2 of ProPECC Note PN 1/94. Particular attention should be paid to the control of silty surface runoff during storm events, especially for areas located near steep slopes.	✓	✓	✓

EM&A Ref.	Recommendation Measures	Implementation Stage Zone 2A, 2B & 2C February 2025	March 2025	April 2025
	• Bentonite slurries used in piling or slurry walling should be reconditioned and reused wherever practicable. Temporary enclosed storage locations should be provided on-site for any unused bentonite that needs to be transported away after all the related construction activities are completed. The requirements in ProPECC Note PN 1/94 should be adhered to in the handling and disposal of bentonite slurries.	N/A	N/A	N/A
4.1	**Barging facilities and activities** Recommendations for good site practices during operation of the proposed barging point include:			
	• All vessels should be sized so that adequate clearance is maintained between vessels and the seabed in all tide conditions, to ensure that undue turbidity is not generated by turbulence from vessel movement or propeller wash;	N/A	N/A	N/A
	• Loading of barges and hoppers should be controlled to prevent splashing of material into the surrounding water. Barges or hoppers should not be filled to a level that will cause the overflow of materials or polluted water during loading or transportation;	N/A	N/A	N/A
	• All hopper barges should be fitted with tight fitting seals to their bottom openings to prevent leakage of material; and	N/A	N/A	N/A
	• Construction activities should not cause foam, oil, grease, scum, litter or other objectionable matter to be present on the water within the site.	N/A	N/A	N/A
4.1	**Sewage effluent from construction workforce** Temporary sanitary facilities, such as portable chemical toilets, should be employed on-site where necessary to handle sewage from the workforce. A licensed contractor should be employed to provide appropriate and adequate portable toilets and be responsible for appropriate disposal and maintenance.	✓	✓	✓
4.1	**General construction activities**			

EM&A Ref.	Recommendation Measures	Implementation Stage Zone 2A, 2B & 2C February 2025	March 2025	April 2025
	• Construction solid waste, debris and refuse generated on-site should be collected, handled and disposed of properly to avoid entering any nearby storm water drain. Stockpiles of cement and other construction materials should be kept covered when not being used.	✓	✓	✓
	• Oils and fuels should only be stored in designated areas which have pollution prevention facilities. To prevent spillage of fuels and solvents to any nearby storm water drain, all fuel tanks and storage areas should be provided with locks and be sited on sealed areas, within bunds of a capacity equal to 110% of the storage capacity of the largest tank. The bund should be drained of rainwater after a rain event.	✓	Obs	Obs
Waste Management Implications (Construction)				
6.1	**Good Site Practices**			
	• Recommendations for good site practices during the construction activities include:			
	• Nomination of an approved person, such as a site manager, to be responsible for good site practices, arrangements for collection and effective disposal to an appropriate facility, of all wastes generated at the site	Obs	Obs	Obs
	• Training of site personnel in proper waste management and chemical handling procedures	✓	✓	✓
	• Provision of sufficient waste disposal points and regular collection of waste	✓	✓	✓
	• Appropriate measures to minimise windblown litter and dust/odour during transportation of waste by either covering trucks or by transporting wastes in enclosed containers	✓	✓	✓
	• Provision of wheel washing facilities before the trucks leaving the works area so as to minimise dust introduction to public roads	✓	✓	✓

EM&A Ref.	Recommendation Measures	Implementation Stage Zone 2A, 2B & 2C February 2025	March 2025	April 2025
	• Well planned delivery programme for offsite disposal such that adverse environmental impact from transporting the inert or non-inert C&D materials is not anticipated	✓	✓	✓
6.1	**Waste Reduction Measures** Recommendations to achieve waste reduction include:			
	• Sort inert C&D material to recover any recyclable portions such as metals	✓	✓	✓
	• Segregation and storage of different types of waste in different containers or skips to enhance reuse or recycling of materials and their proper disposal	✓	✓	✓
	• Encourage collection of recyclable waste such as waste paper and aluminium cans by providing separate labelled bins to enable such waste to be segregated from other general refuse generated by the work force	✓	✓	✓
	• Proper site practices to minimise the potential for damage or contamination of inert C&D materials	✓	✓	Obs
	• Plan the use of construction materials carefully to minimise amount of waste generated and avoid unnecessary generation of wastes	✓	✓	✓
6.1	**Inert and Non-inert C&D Materials** In order to minimise impacts resulting from collection and transportation of inert C&D material for off-site disposal, the excavated materials should be reused on-site as fill material as far as practicable. In addition, inert C&D material generated from excavation works could be reused as fill materials in local projects that require public fill for reclamation.			
	• The surplus inert C&D material will be disposed of at the Government's PFRFs for beneficial use by other projects in Hong Kong.	✓	✓	✓

EM&A Ref.	Recommendation Measures	Implementation Stage Zone 2A, 2B & 2C February 2025	March 2025	April 2025
	• Liaison with the CEDD Public Fill Committee (PFC) on the allocation of space for disposal of the inert C&D materials at PFRF is underway. No construction work is allowed to proceed until all issues on management of inert C&D materials have been resolved and all relevant arrangements have been endorsed by the relevant authorities including PFC and EPD.	✓	✓	✓
	• The C&D materials generated from general site clearance should be sorted on site to segregate any inert materials for reuse or disposal of at PFRFs whereas the non-inert materials will be disposed of at the designated landfill site.	✓	✓	✓
	• In order to monitor the disposal of inert and non-inert C&D materials at respectively PFRFs and the designated landfill site, and to control fly-tipping, it is recommended that the Contractor should follow the Technical Circular (Works) No. 6/2010 for Trip Ticket System for Disposal of Construction & Demolition Materials issued by Development Bureau. In addition, it is also recommended that the Contractor should prepare and implement a Waste Management Plan detailing their various waste arising and waste management practices in accordance with the relevant requirements of the Technical Circular (Works) No. 19/2005 Environmental Management on Construction Site.	✓	✓	✓
6.1	**Chemical Waste**			

EM&A Ref.	Recommendation Measures	Implementation Stage Zone 2A, 2B & 2C February 2025	March 2025	April 2025
	• If chemical wastes are produced at the construction site, the Contractor will be required to register with the EPD as a chemical waste producer and to follow the guidelines stated in the "Code of Practice on the Packaging Labelling and Storage of Chemical Wastes". Good quality containers compatible with the chemical wastes should be used, and incompatible chemicals should be stored separately. Appropriate labels should be securely attached on each chemical waste container indicating the corresponding chemical characteristics of the chemical waste, such as explosive, flammable, oxidizing, irritant, toxic, harmful, corrosive, etc. The Contractor should use a licensed collector to transport and dispose of the chemical wastes at the approved Chemical Waste Treatment Centre or other licensed recycling facilities, in accordance with the Waste Disposal (Chemical Waste) (General) Regulation.	✓	✓	✓
	• Potential environmental impacts arising from the handling activities (including storage, collection, transportation and disposal of chemical waste) are expected to be minimal with the implementation of appropriate mitigation measures as recommended.	✓	✓	✓
6.1	**General Refuse** General refuse should be stored in enclosed bins or compaction units separated from inert C&D materials. A reputable waste collector should be employed by the Contractor to remove general refuse from the site, separately from inert C&D materials. Preferably an enclosed and covered area should be provided to reduce the occurrence of 'wind blown' light material.	✓	✓	✓
Land Contamination (Construction)				

		Implementation Stage		
		Zone 2A, 2B & 2C		
EM&A Ref.	Recommendation Measures	February 2025	March 2025	April 2025
7.1	The potential for land contamination issues at the TST Fire Station due to its future relocation will be confirmed by site investigation after land acquisition. Where necessary, mitigation measures for minimising potential exposure to contaminated materials (if any) or remediation measures will be identified. If contaminated land is identified (e.g., during decommissioning of fuel oil storage tanks) after the commencement of works, mitigation measures are proposed in order to minimise the potentially adverse effects on the health and safety of construction workers and impacts arising from the disposal of potentially contaminated materials. The following measures are proposed for excavation and transportation of contaminated material:			
	• To minimize the chance for construction workers to come into contact with any contaminated materials, bulk earth-moving excavation equipment should be employed;	N/A	N/A	N/A
	• Contact with contaminated materials can be minimised by wearing appropriate clothing and personal protective equipment such as gloves and masks (especially when interacting directly with contaminated material), provision of washing facilities and prohibition of smoking and eating on site;	N/A	N/A	N/A
	• Stockpiling of contaminated excavated materials on site should be avoided as far as possible;	N/A	N/A	N/A
	• The use of contaminated soil for landscaping purpose should be avoided unless pre-treatment was carried out;	N/A	N/A	N/A
	• Vehicles containing any contaminated excavated materials should be suitably covered to reduce dust emissions and/or release of contaminated wastewater;	N/A	N/A	N/A
	• Truck bodies and tailgates should be sealed to stop any discharge;	N/A	N/A	N/A
	• Only licensed waste haulers should be used to collect and transport contaminated material to treatment/disposal site and should be equipped with tracking system to avoid fly tipping;	N/A	N/A	N/A

EM&A Ref.	Recommendation Measures	Implementation Stage Zone 2A, 2B & 2C February 2025	March 2025	April 2025
	• Speed control for trucks carrying contaminated materials should be exercised;	N/A	N/A	N/A
	• Observe all relevant regulations in relation to waste handling, such as Waste Disposal Ordinance (Cap. 354), Waste Disposal (Chemical Waste) (General) Regulation (Cap. 354) and obtain all necessary permits where required; and	N/A	N/A	N/A
	• Maintain records of waste generation and disposal quantities and disposal arrangements.	N/A	N/A	N/A
Ecological Impact (Construction)				
	No mitigation measure is required.			
Landscape and Visual Impact (Construction)				
Table 9.1 (CM1)	Trees should be retained in situ on site as far as possible. Should tree removal be unavoidable due to construction impacts, trees will be transplanted or felled with reference to the stated criteria in the Tree Removal Applications to be submitted to relevant government departments for approval in accordance to ETWB TCW No. 29/2004 and 3/2006.	✓	✓	✓
Table 9.1 (CM2)	Compensatory tree planting shall be incorporated to the proposed project and maximize the new tree, shrubs and other vegetation planting to compensate tree felled and vegetation removed. Also, implementation of compensatory planting should be of a ratio not less than 1:1 in terms of quality and quantity within the site.	N/A	N/A	N/A
Table 9.1 (CM3)	Buffer trees for screening purposes to soften the hard architectural and engineering structures and facilities.	N/A	N/A	N/A
Table 9.1 (CM4)	Softscape treatments such as vertical green wall panel /planting of climbing and/or weeping plants, etc, to maximize the green coverage and soften the hard architectural and engineering structures and facilities.	N/A	N/A	N/A
Table 9.1 (CM5)	Roof greening by means of intensive and extensive green roof to maximize the green coverage and improve aesthetic appeal and visual quality of the building/structure.	N/A	N/A	N/A

		Implementation Stage		
		Zone 2A, 2B & 2C		
EM&A Ref.	Recommendation Measures	February 2025	March 2025	April 2025
Table 9.1 (CM6)	Sensitive streetscape design should be incorporated along all new roads and streets.	N/A	N/A	N/A
Table 9.1 (CM7)	Structure, ornamental planting shall be provided along amenity strips to enhance the landscape quality.	N/A	N/A	N/A
Table 9.1 (CM8)	Landscape design shall be incorporated to architectural and engineering structures in order to provide aesthetically pleasing designs.	N/A	N/A	N/A
Table 9.1 (CM9)	Minimize the structure of marine facilities to be built on the seabed and foreshore in order to minimize the affected extent to the waterbody	N/A	N/A	N/A
Table 9.2 (MCP1)	Use of decorative screen hoarding/boards	✓	✓	✓
Table 9.2 (MCP2)	Early introduction of landscape treatments	N/A	N/A	N/A
Table 9.2 (MCP3)	Adoption of light colour for the temporary ventilation shafts for the basement during the transition period.	N/A	N/A	N/A
Table 9.2 (MCP4)	Control of night time lighting	✓	✓	✓
Table 9.2 (MCP5)	Use of greenery such as grass cover for the temporary open areas will help achieve the visual balance and soften the hard edges of the structures.	N/A	N/A	N/A

N/A - Not Applicable
✓ - Implemented
Obs - Observed
Rem - Reminder

D. Meteorological Data Extracted from Hong Kong Observatory

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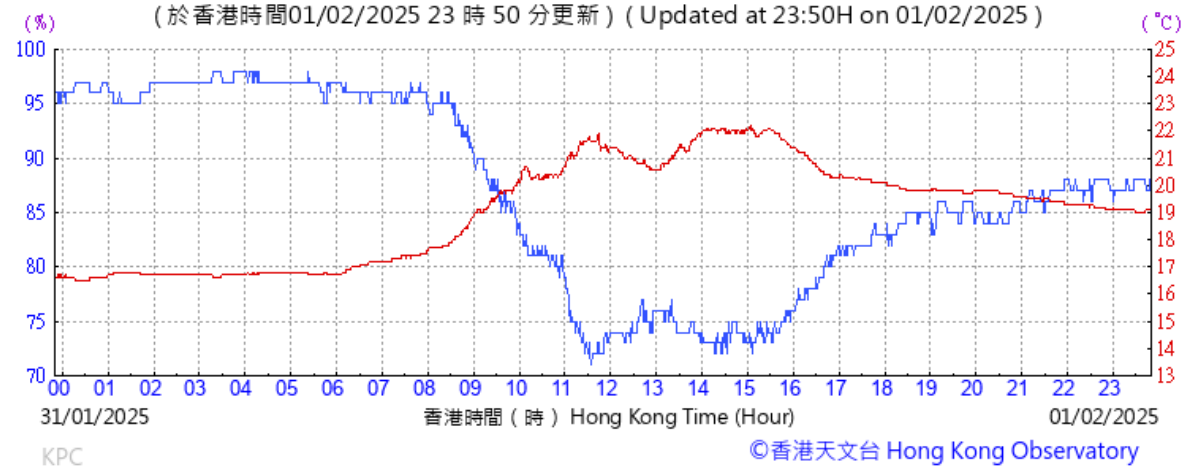

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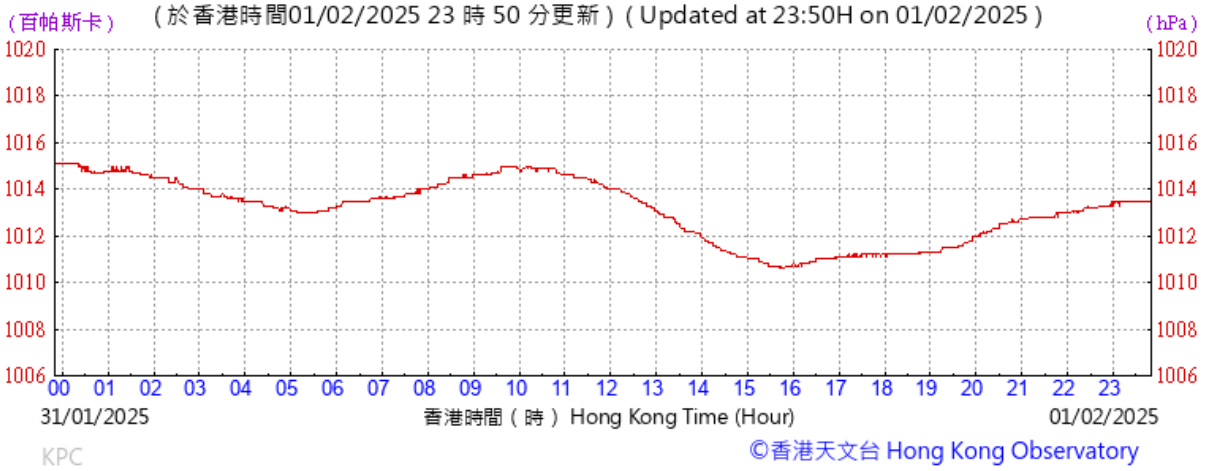

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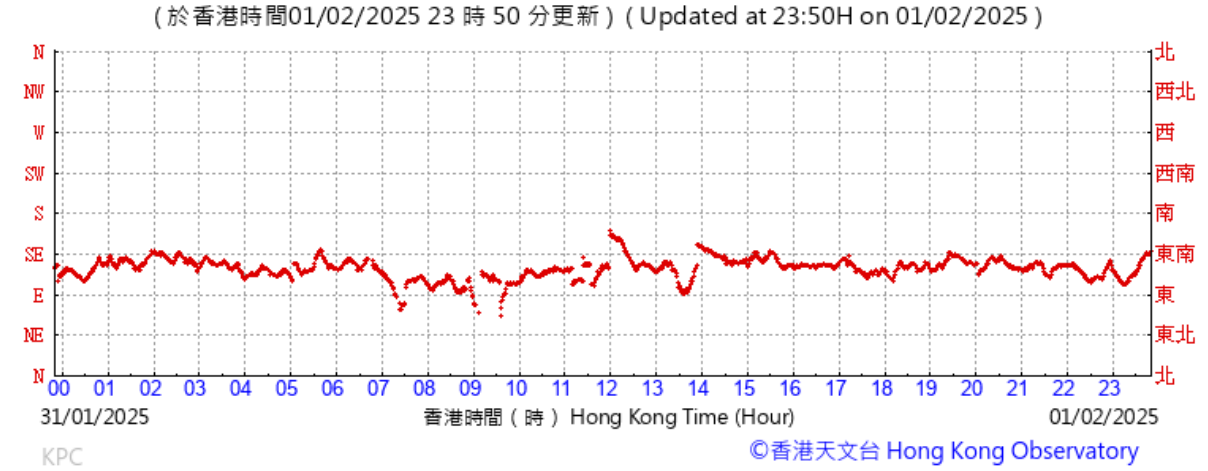
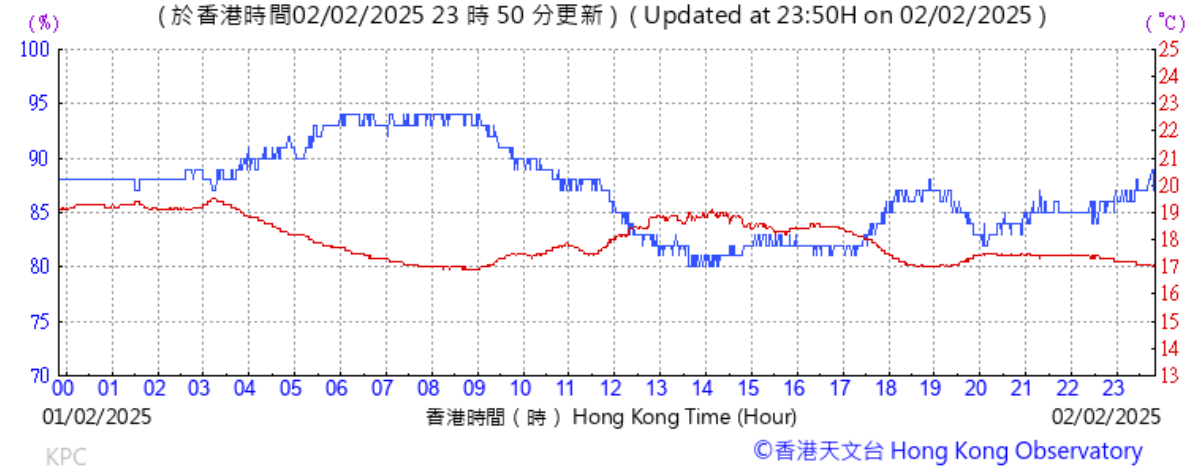


Wind Speed:

Tempearture/Humidity:



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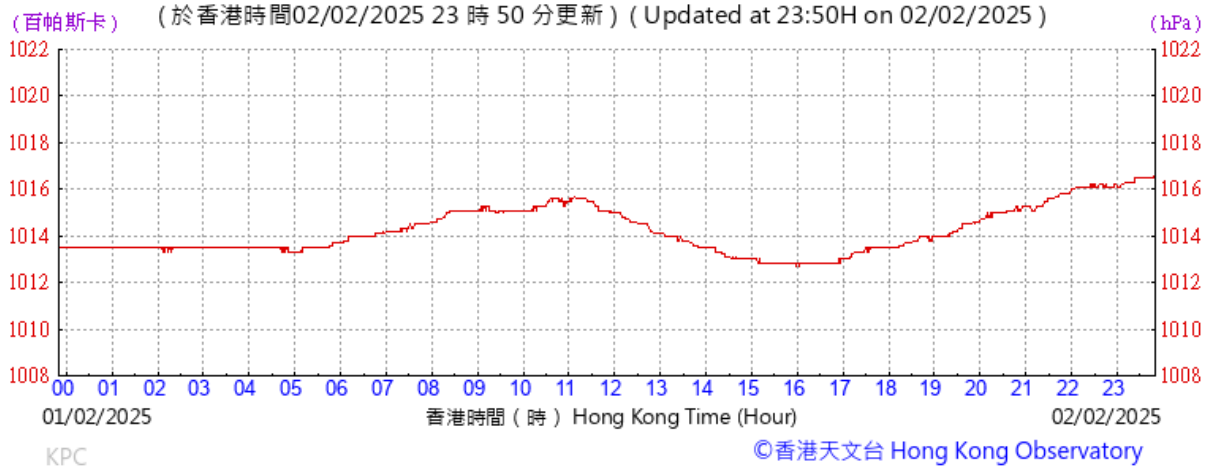

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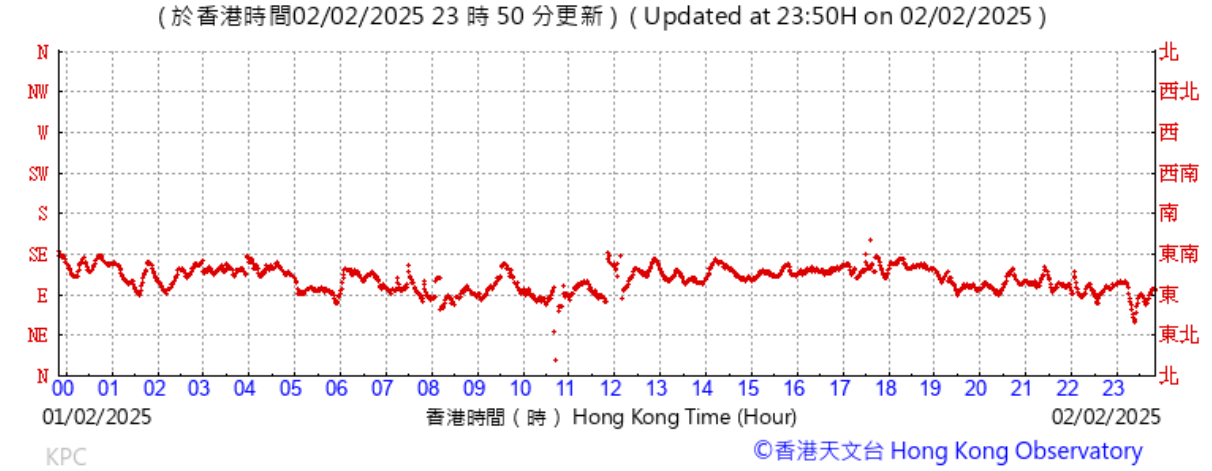

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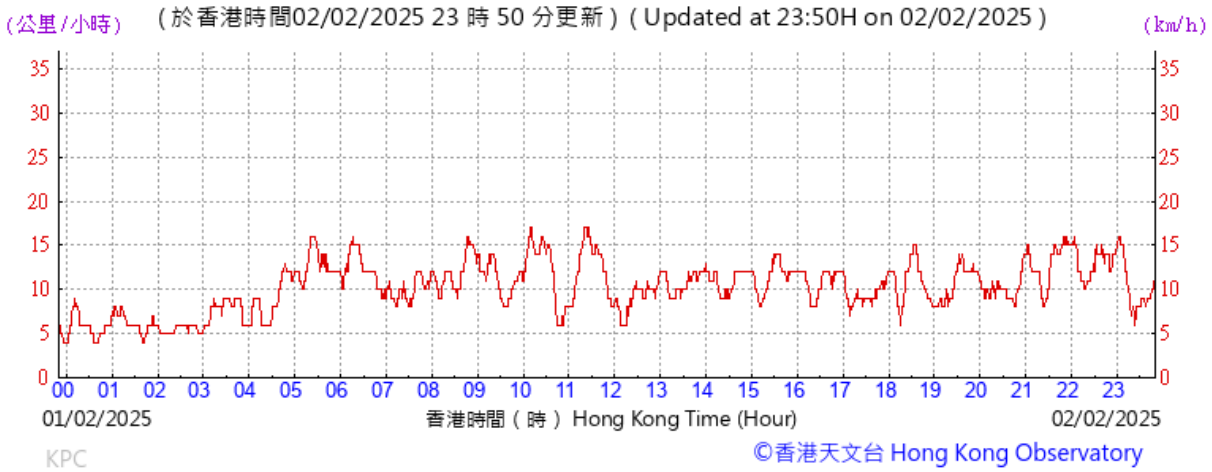

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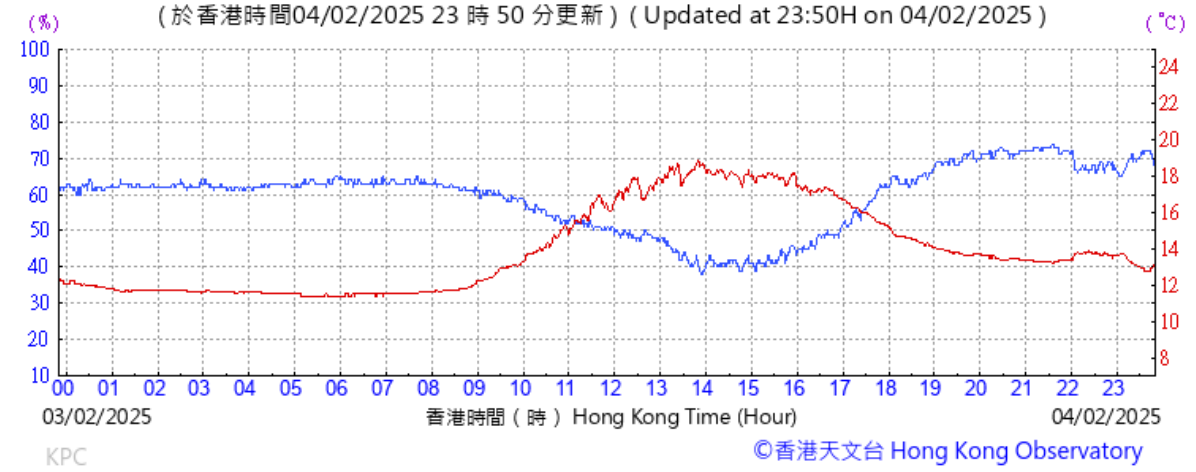

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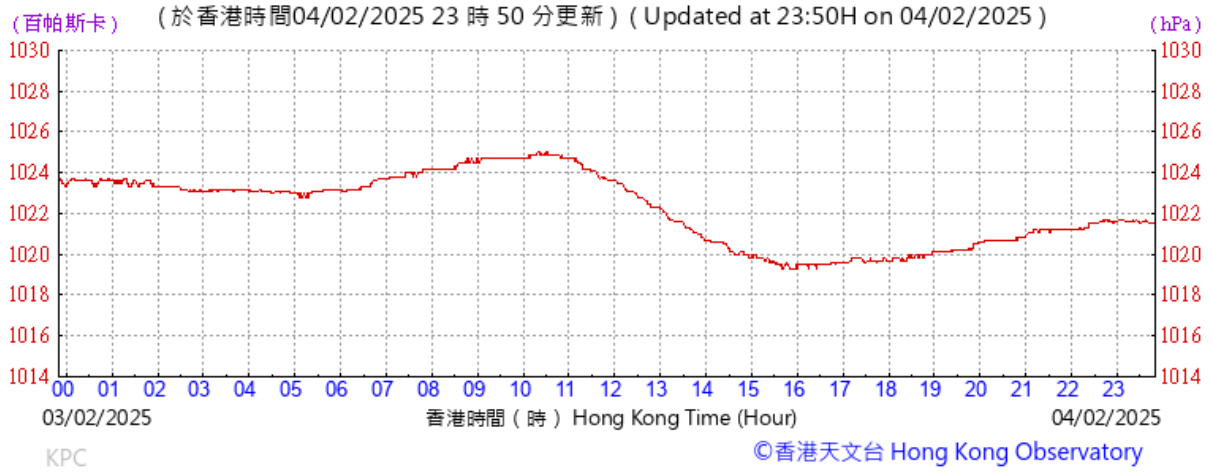

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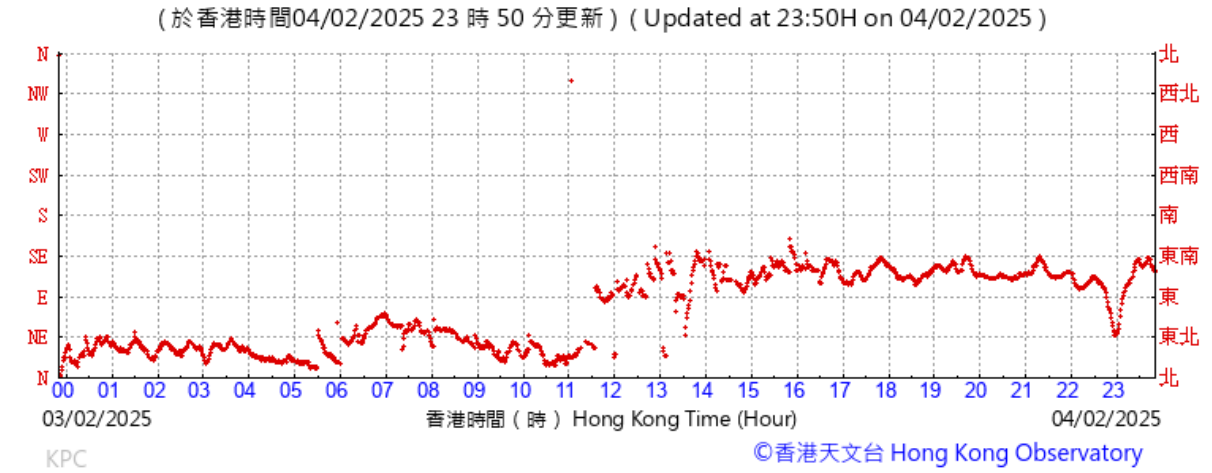

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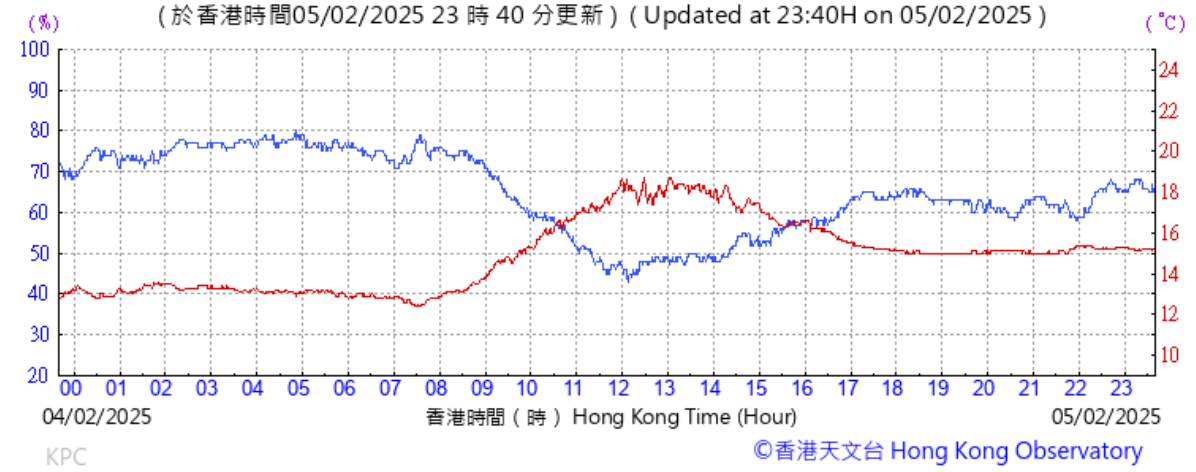

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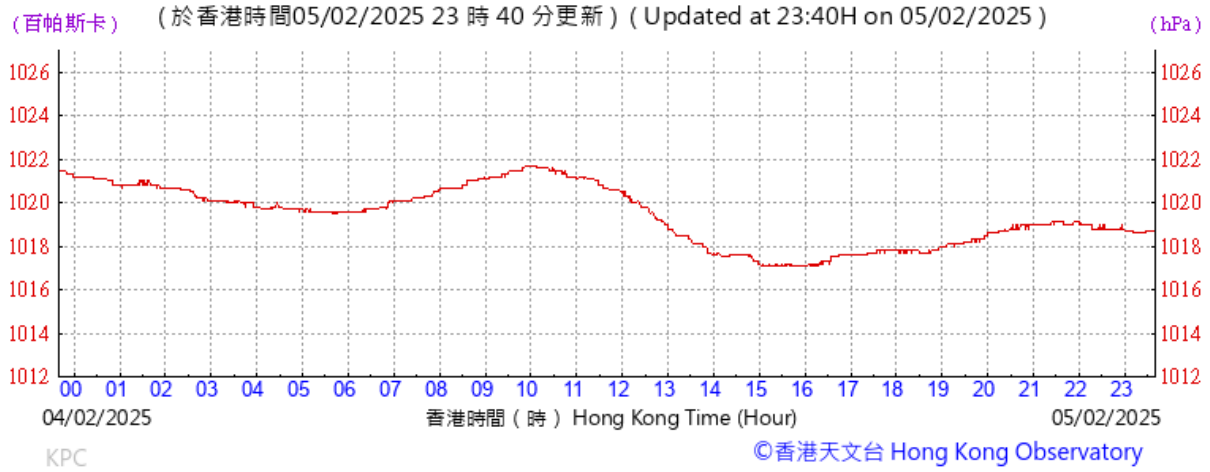

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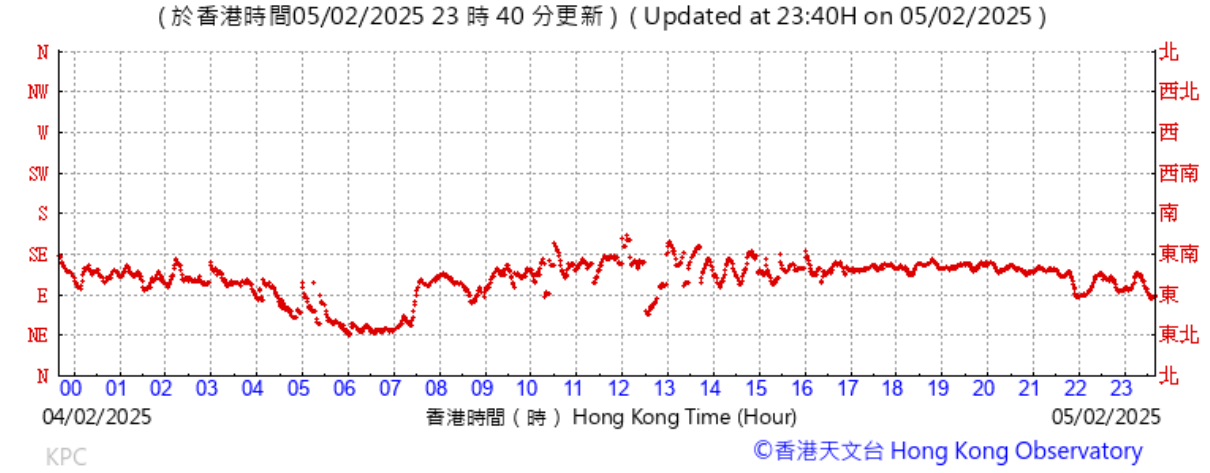

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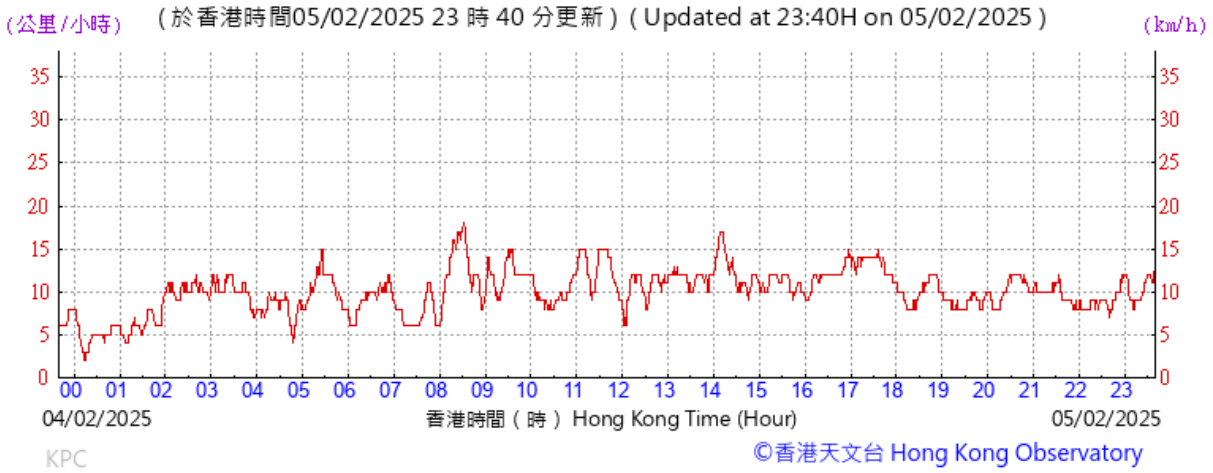

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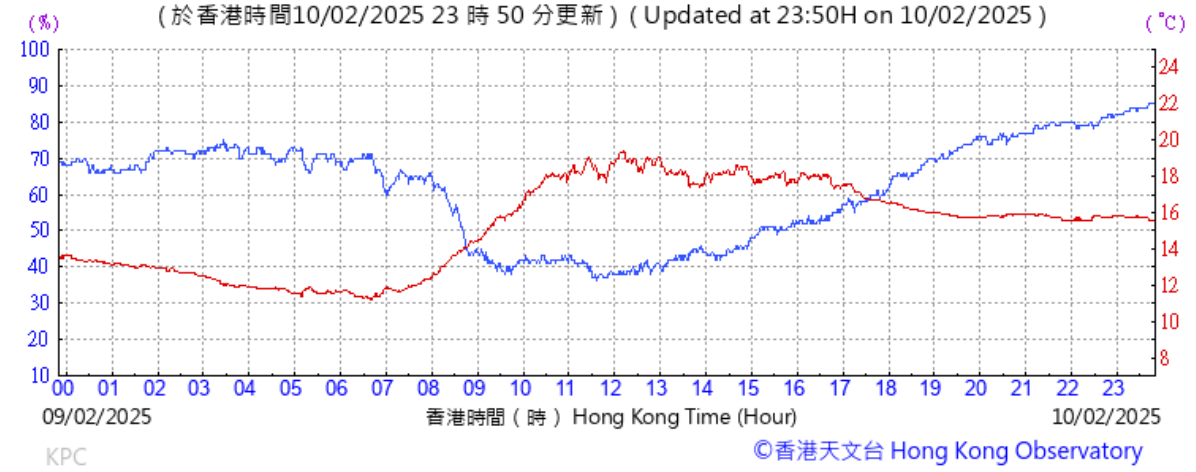

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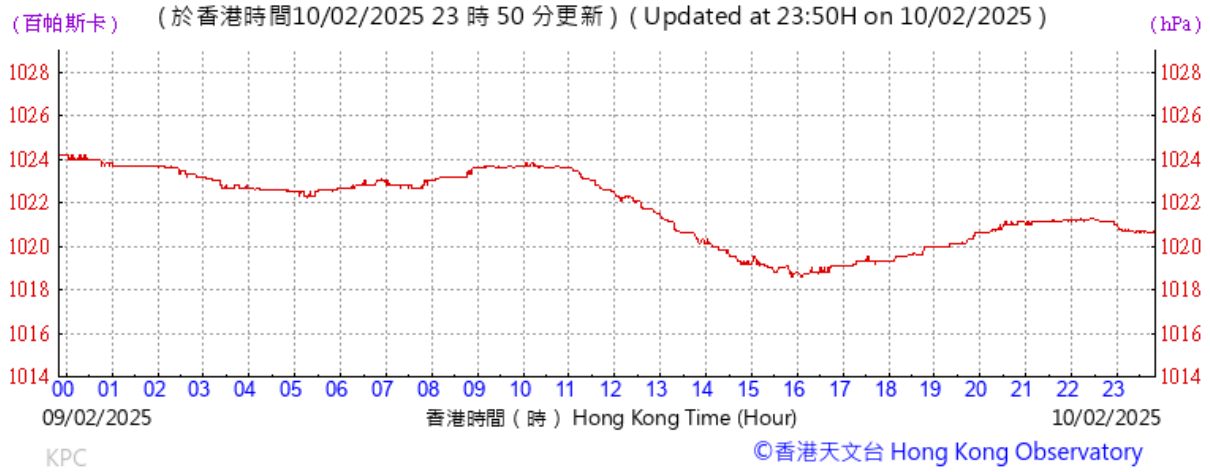

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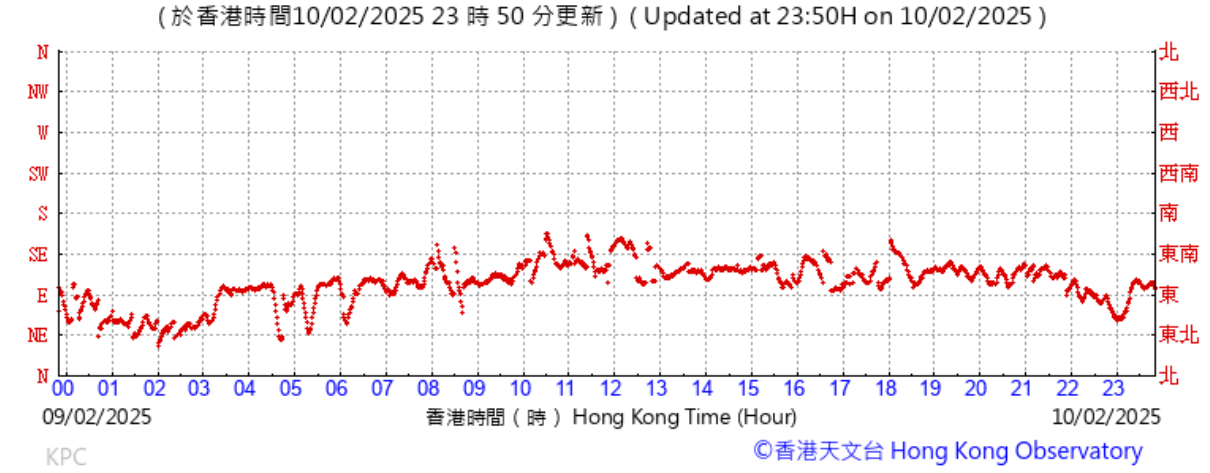

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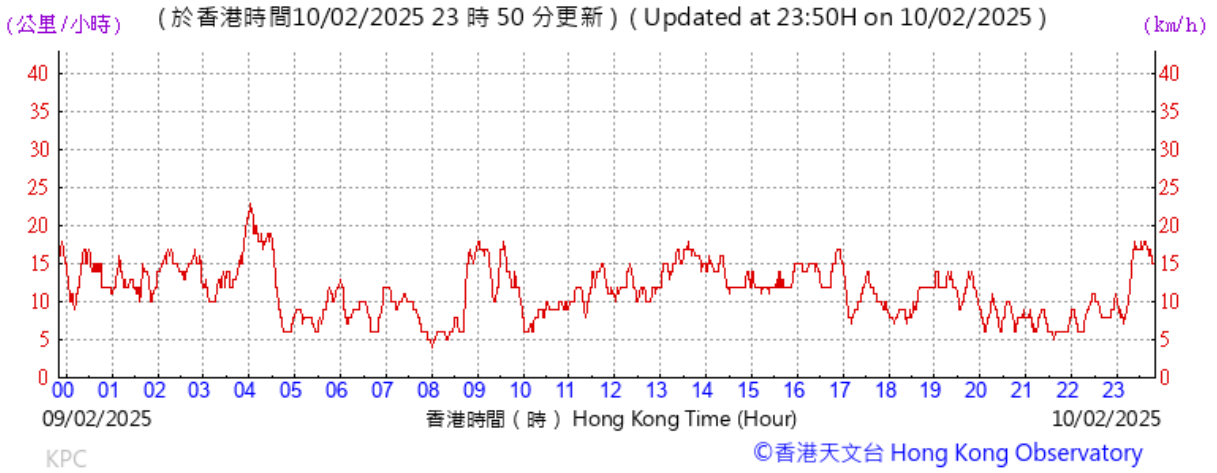

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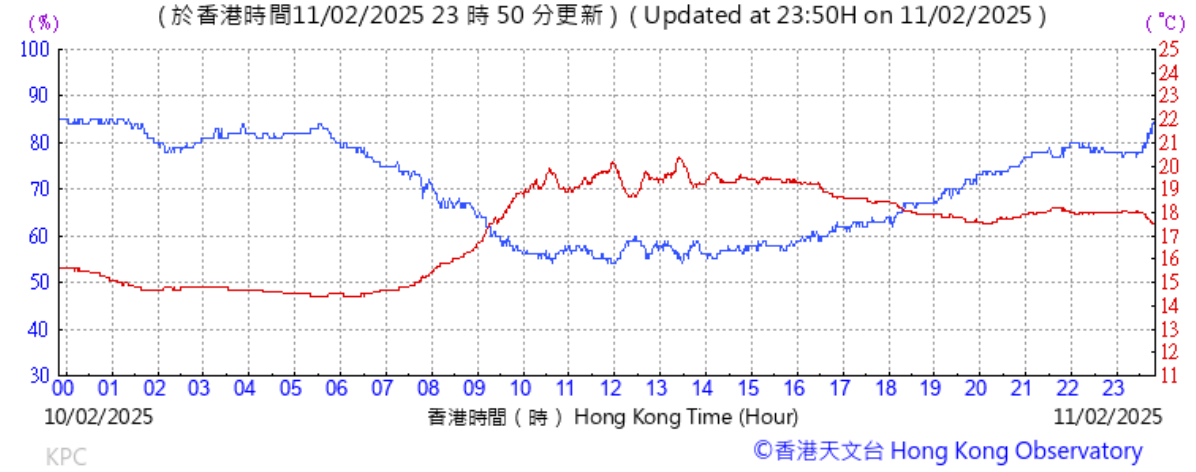

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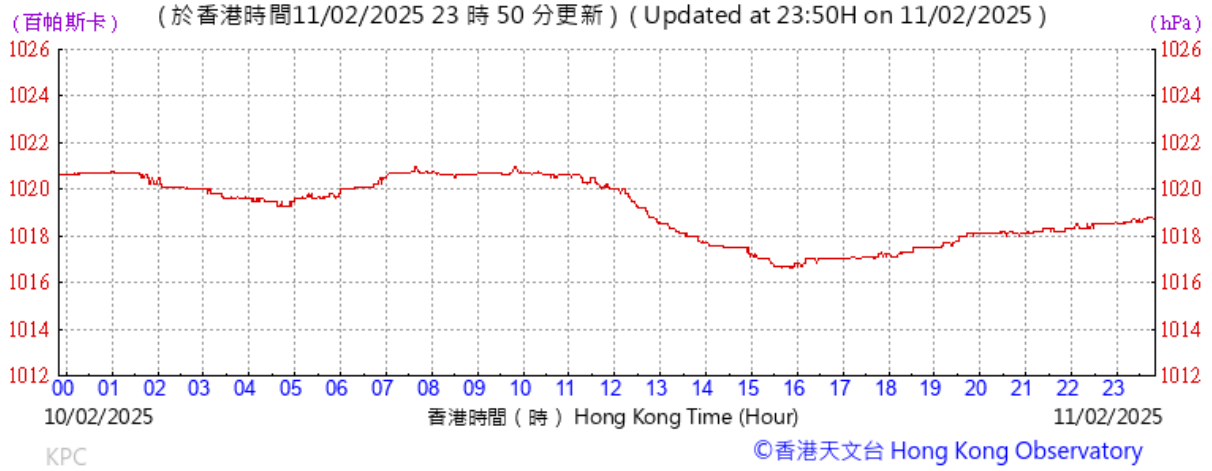

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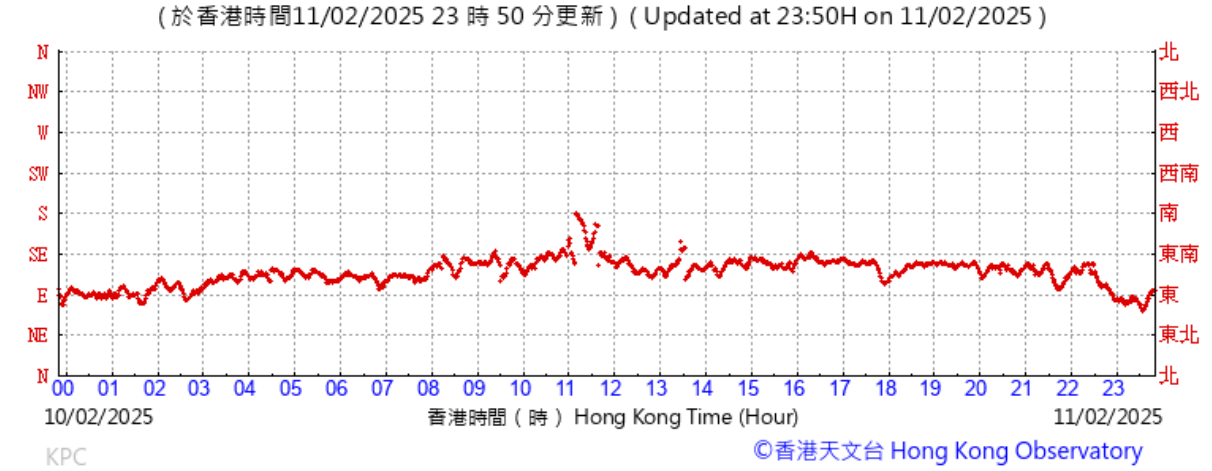

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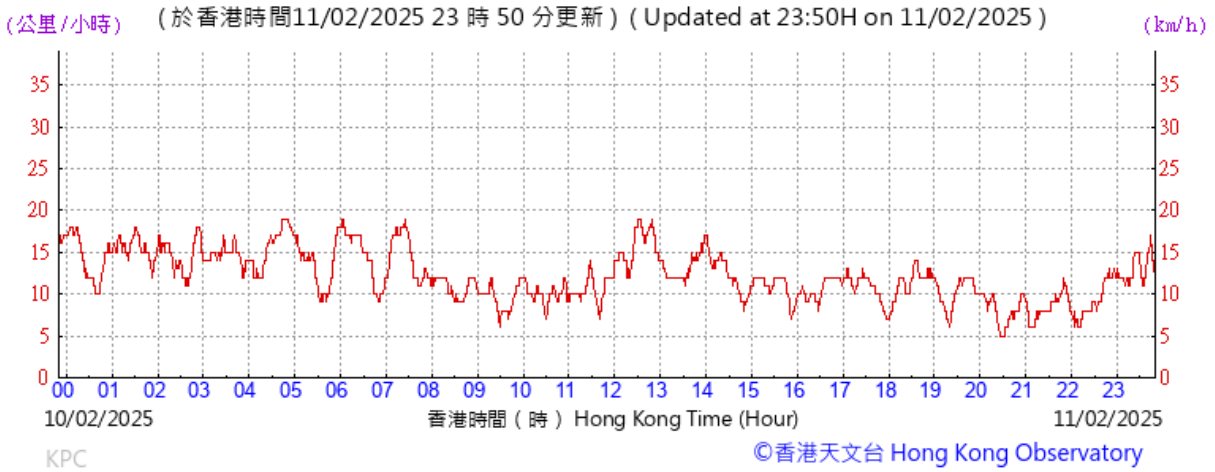

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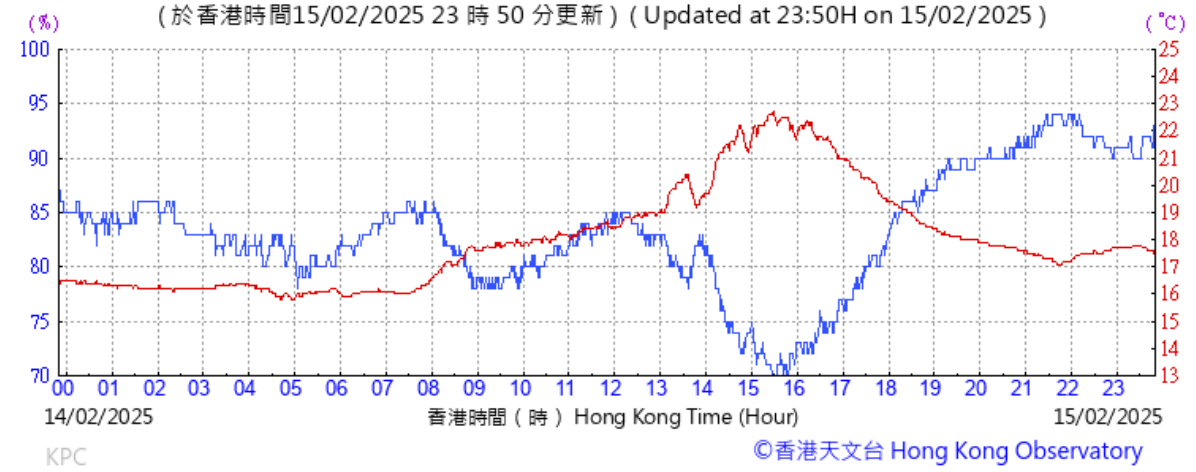

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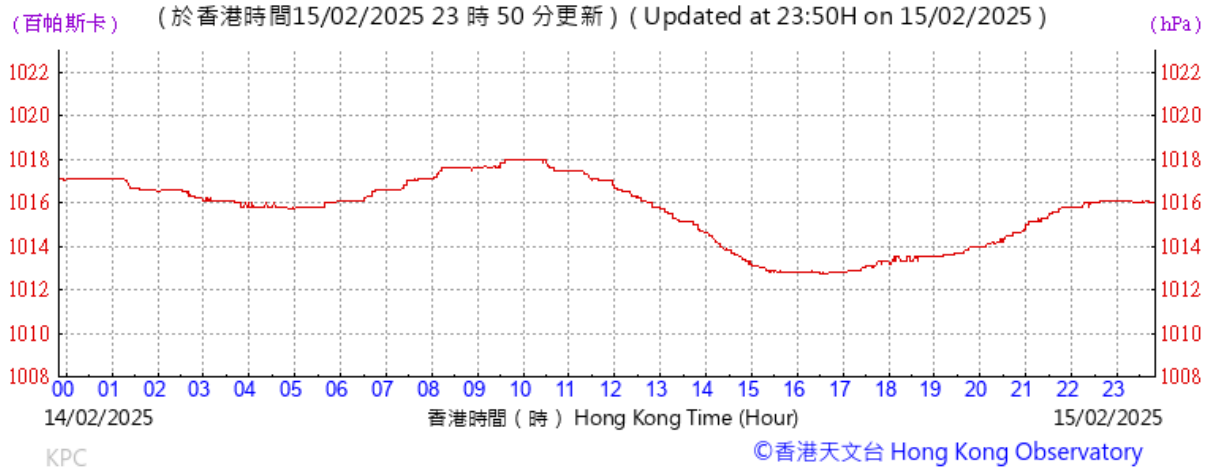

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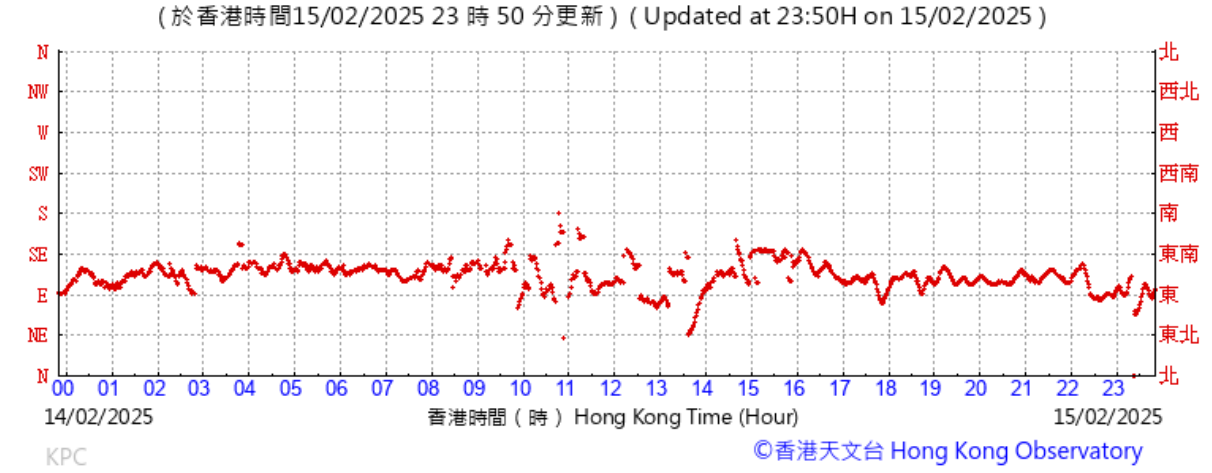
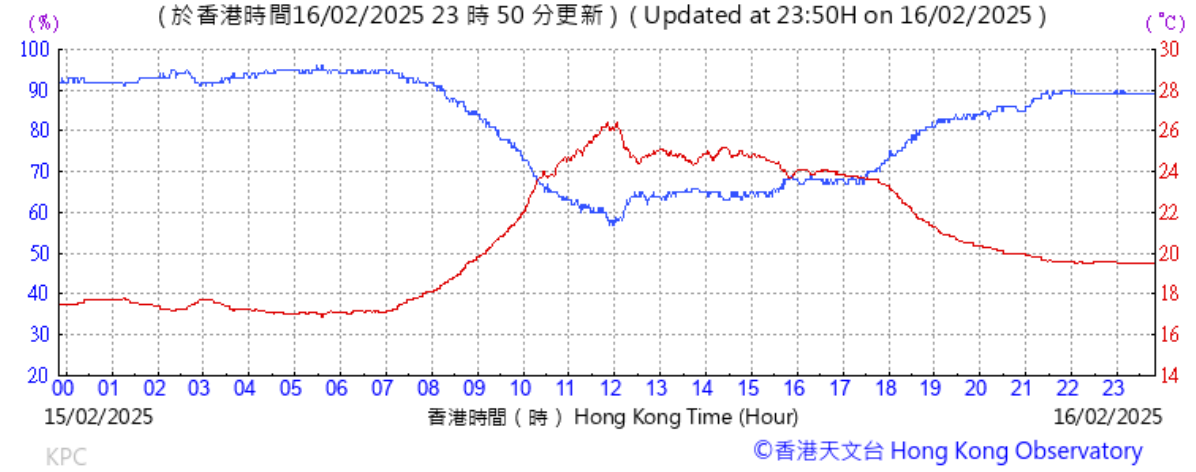
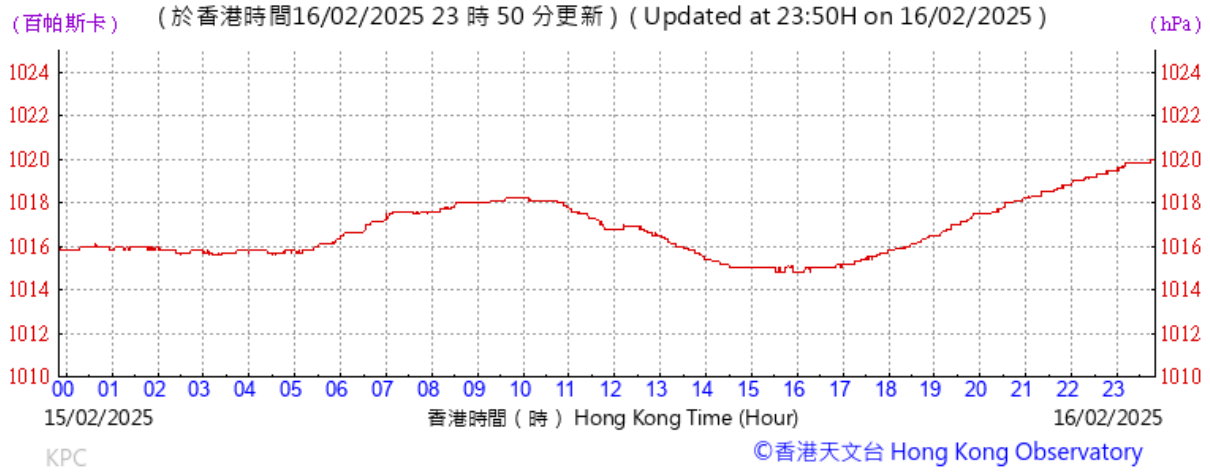


Wind Speed:

Tempearture/Humidity:



Pressure:



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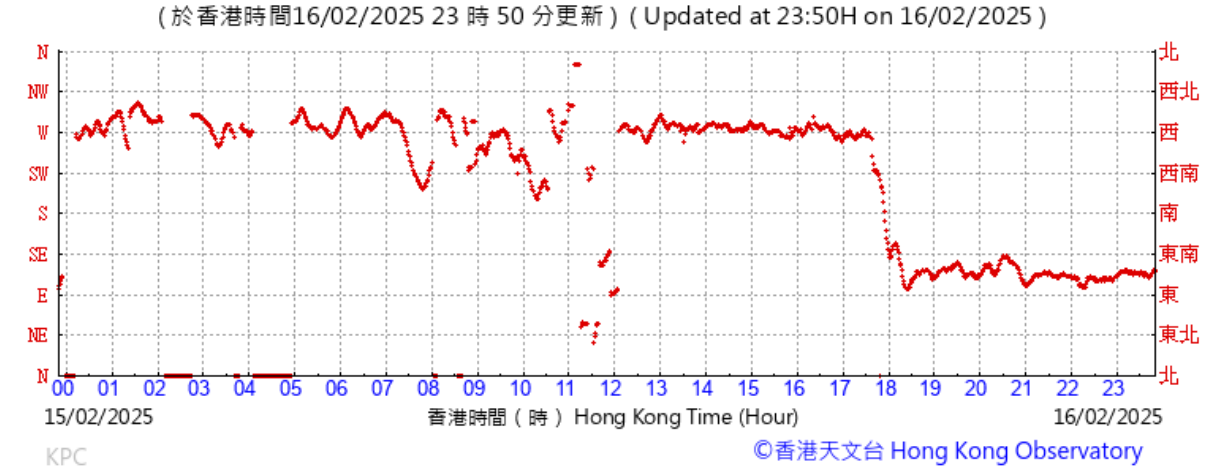

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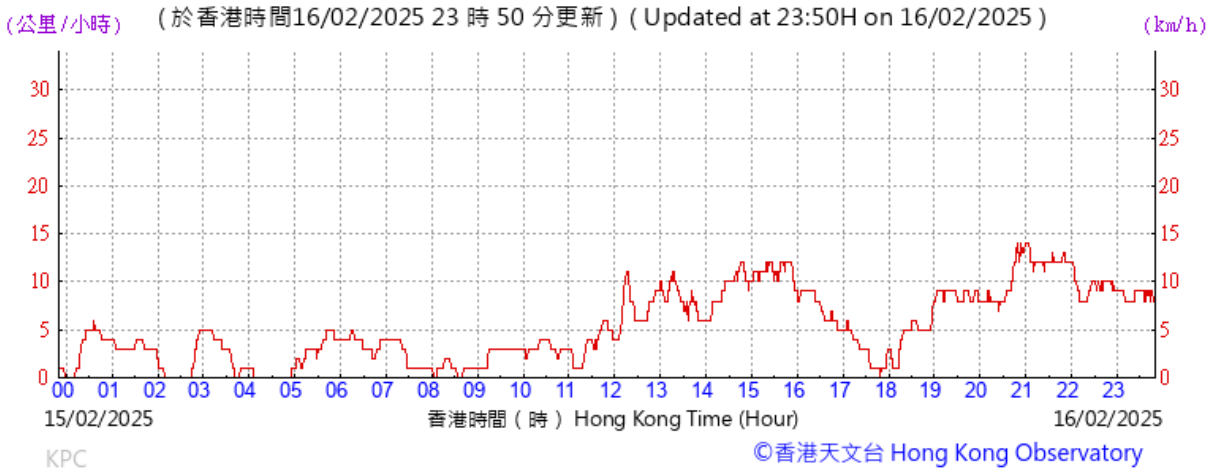

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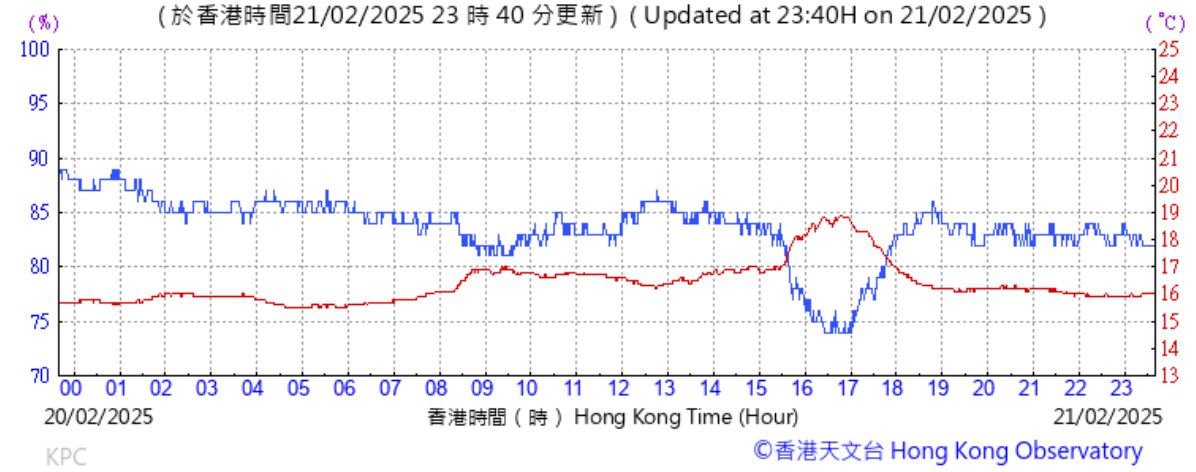

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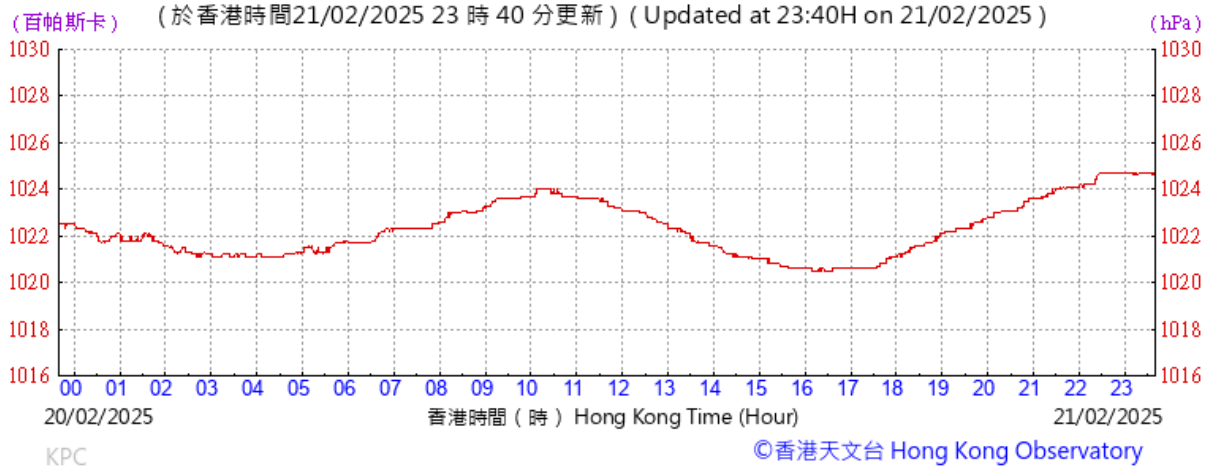

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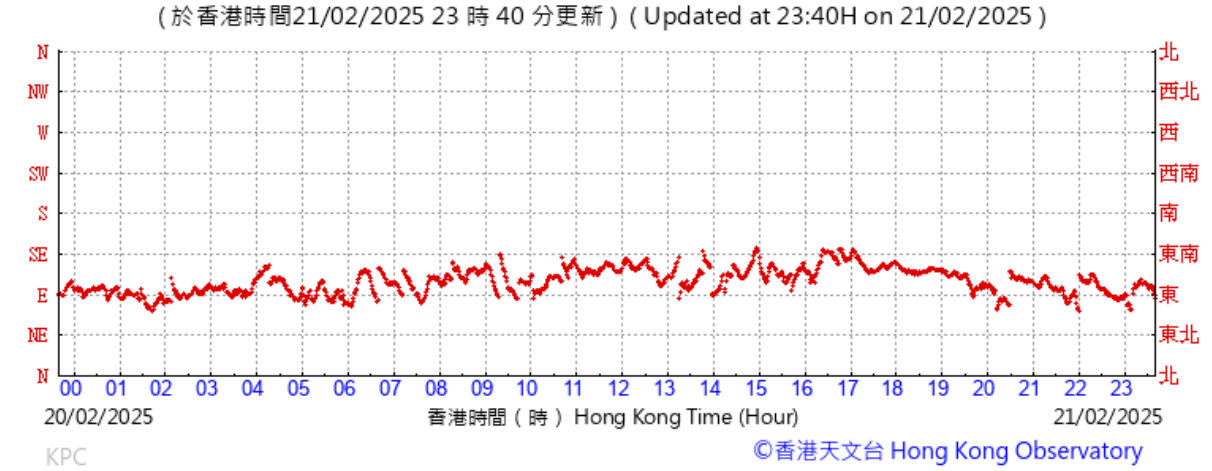

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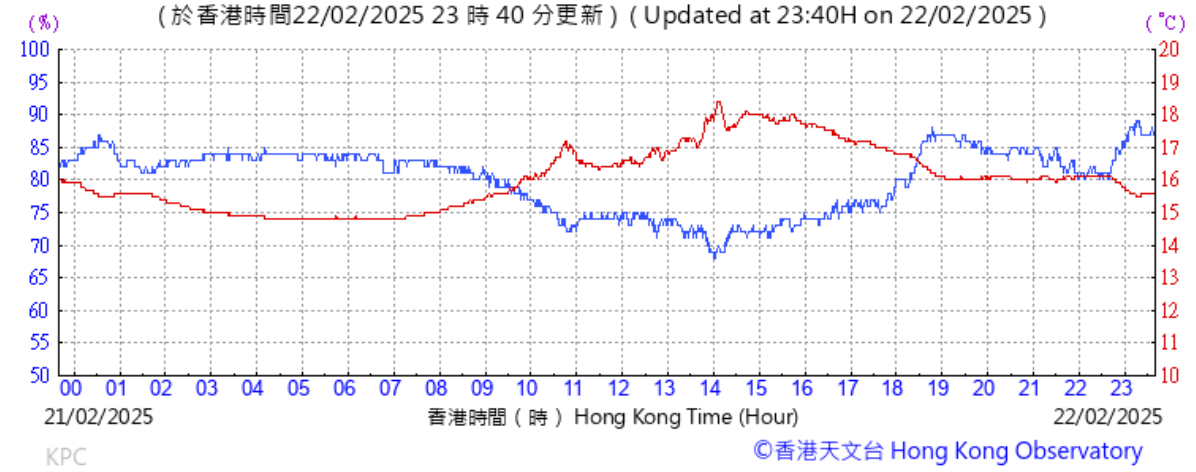

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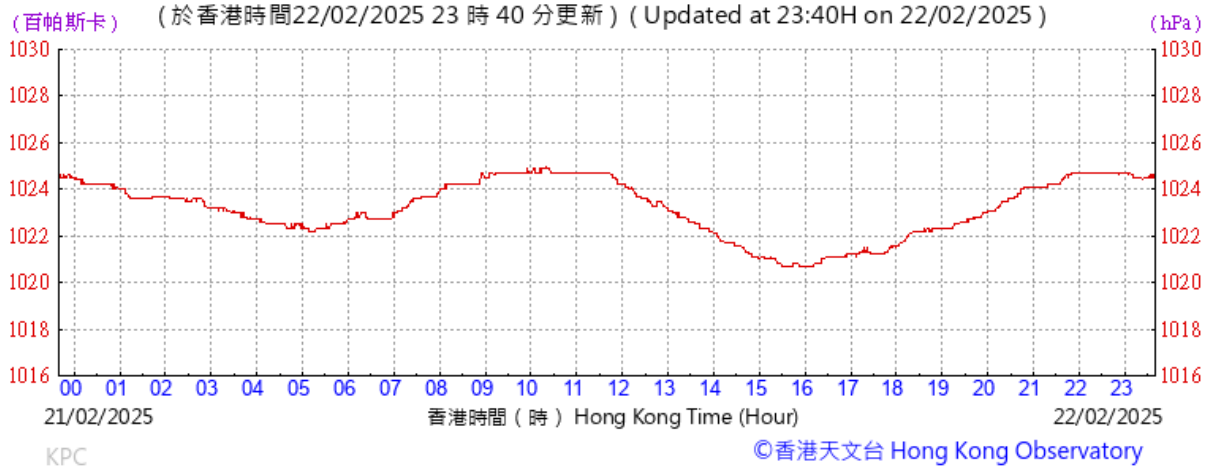

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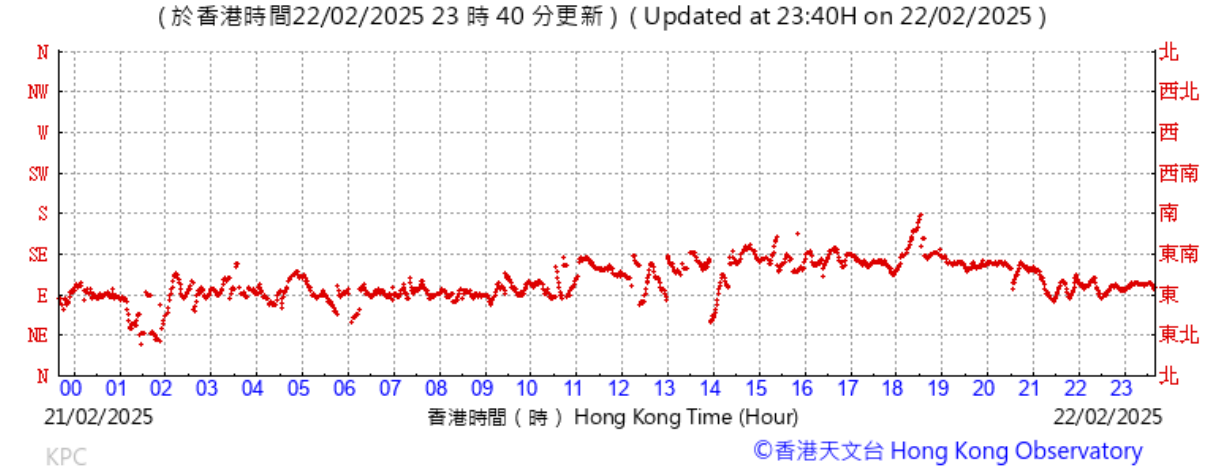

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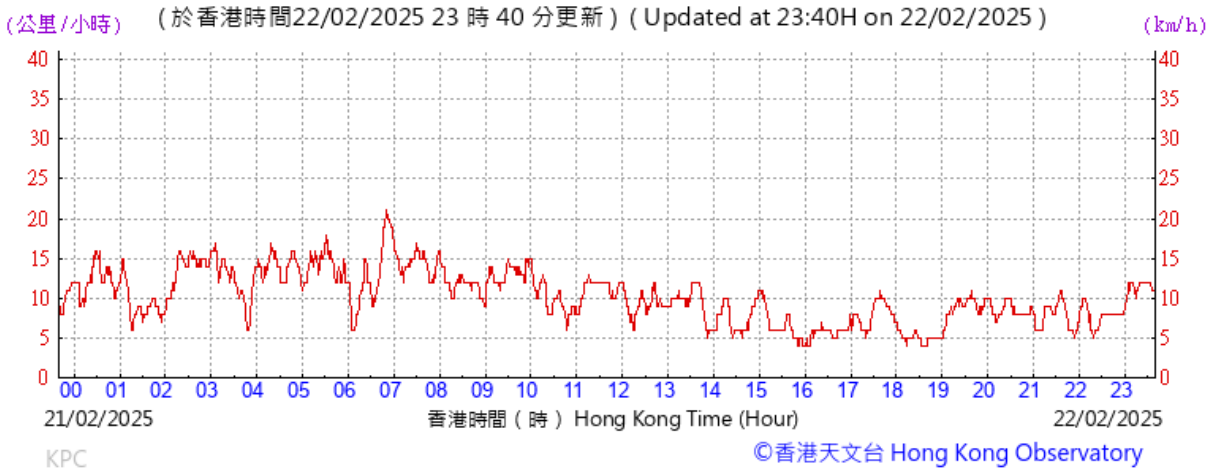

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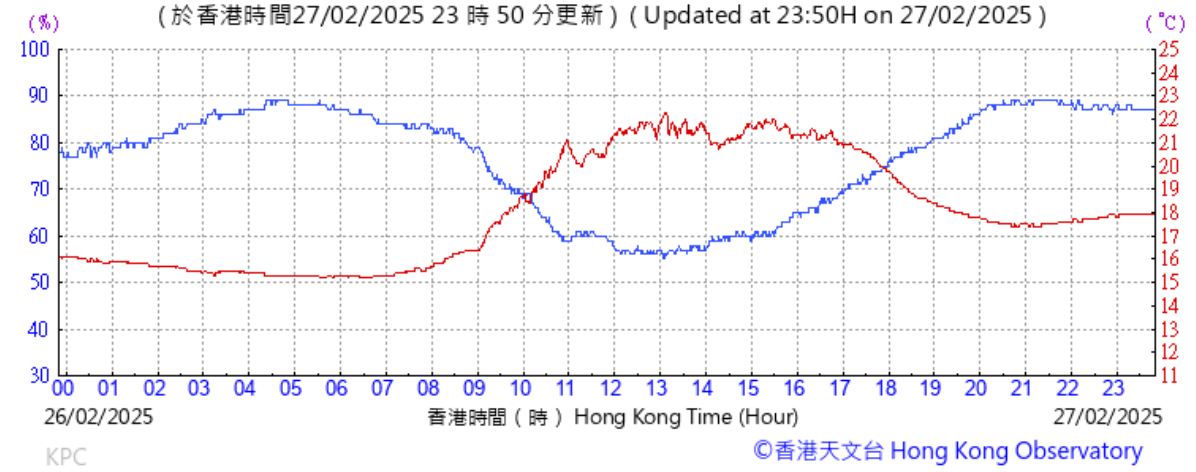

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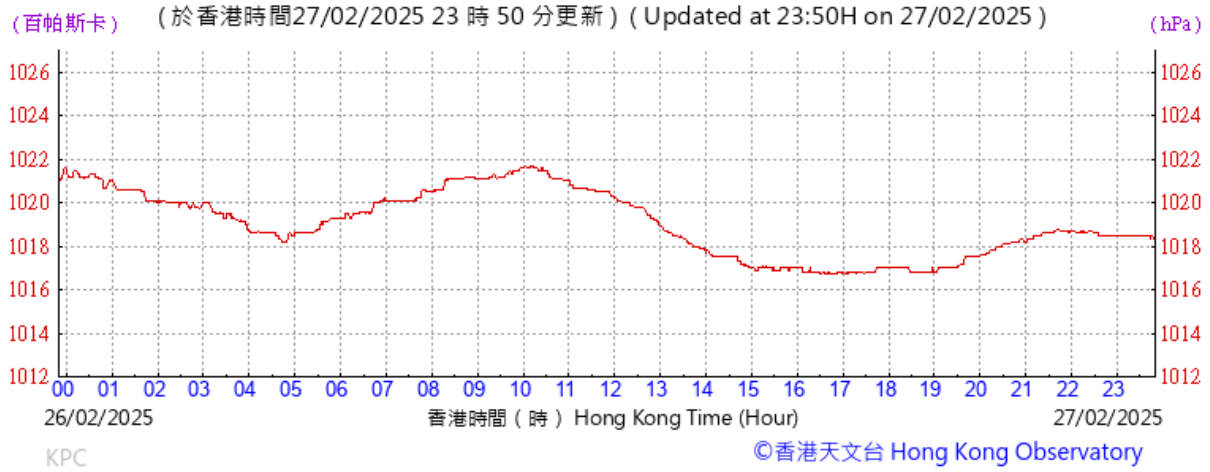

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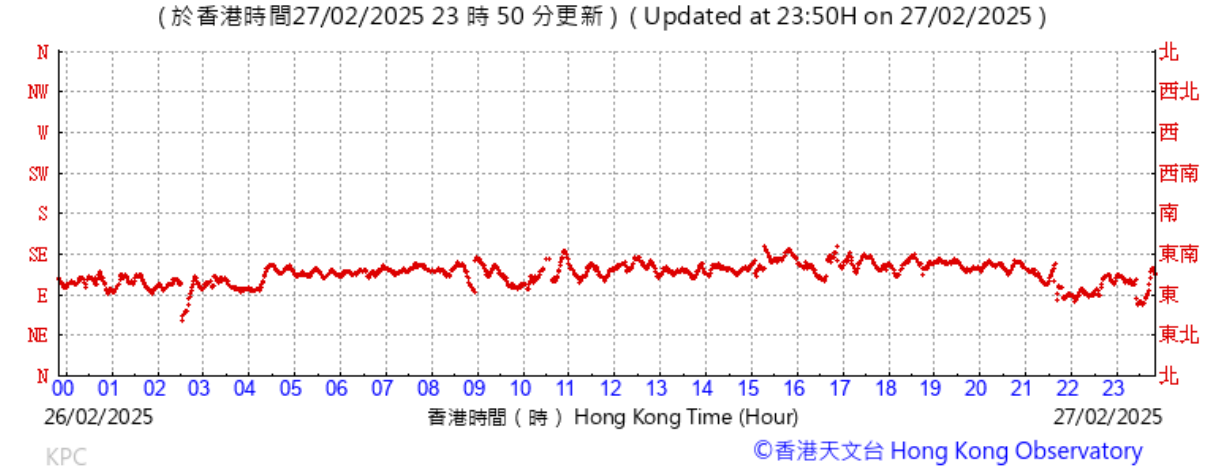

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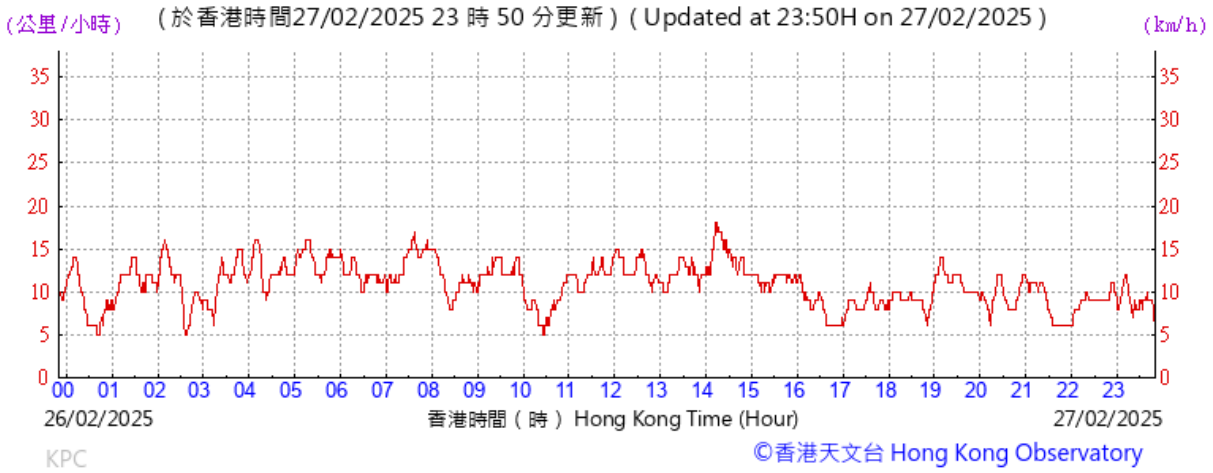

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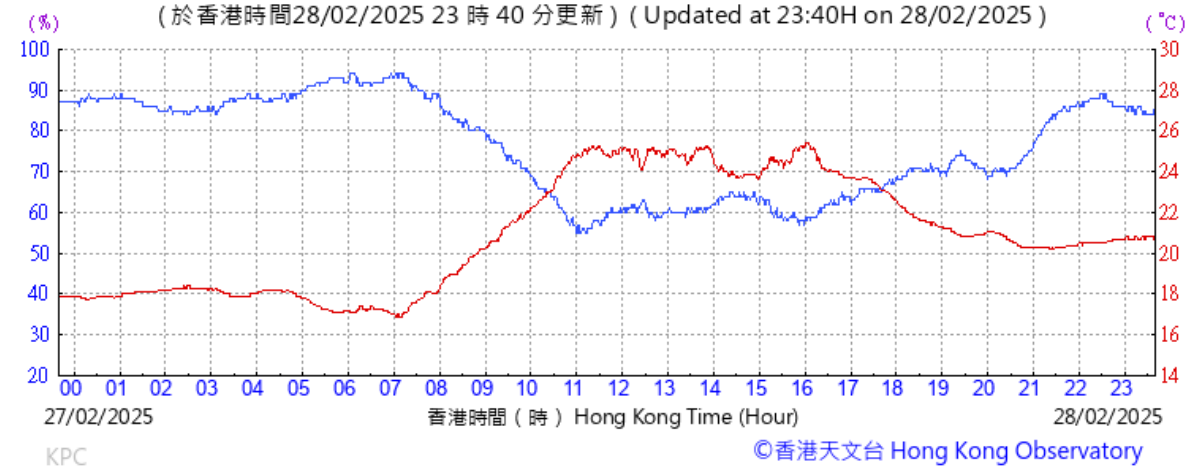

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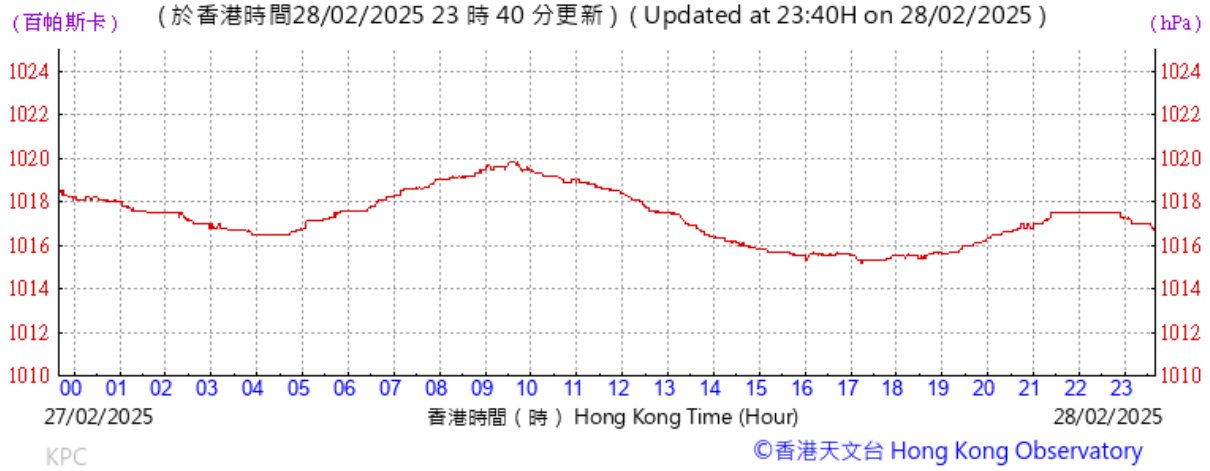

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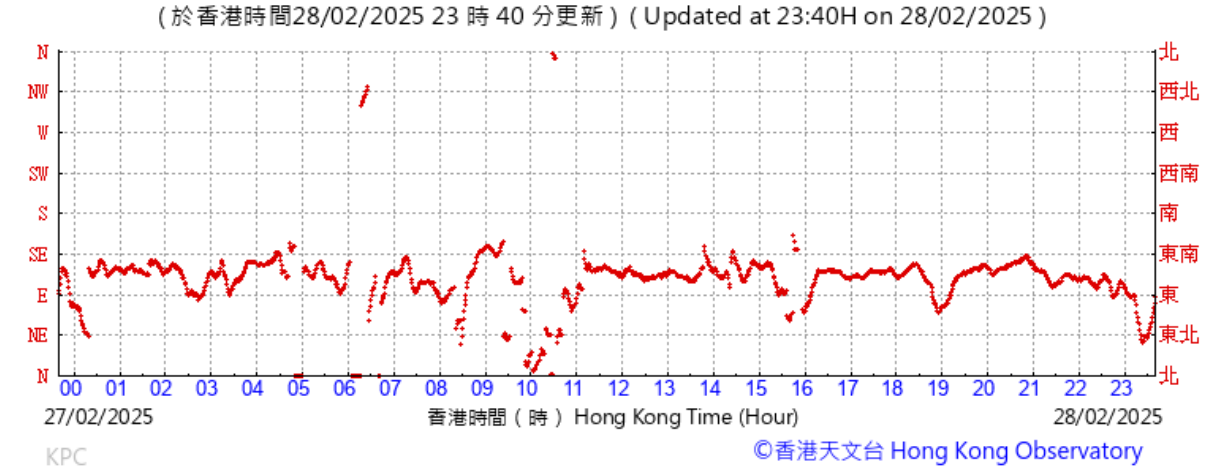

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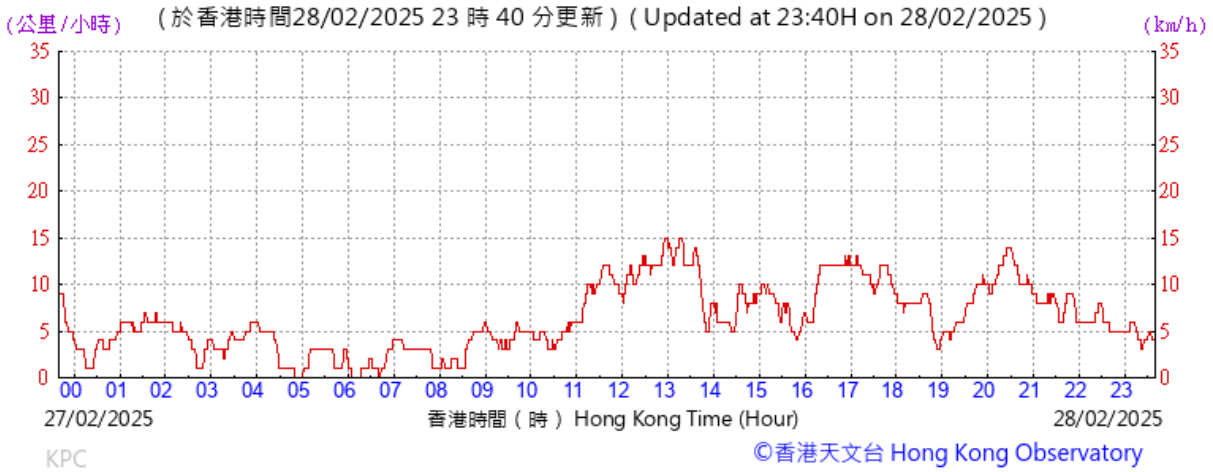

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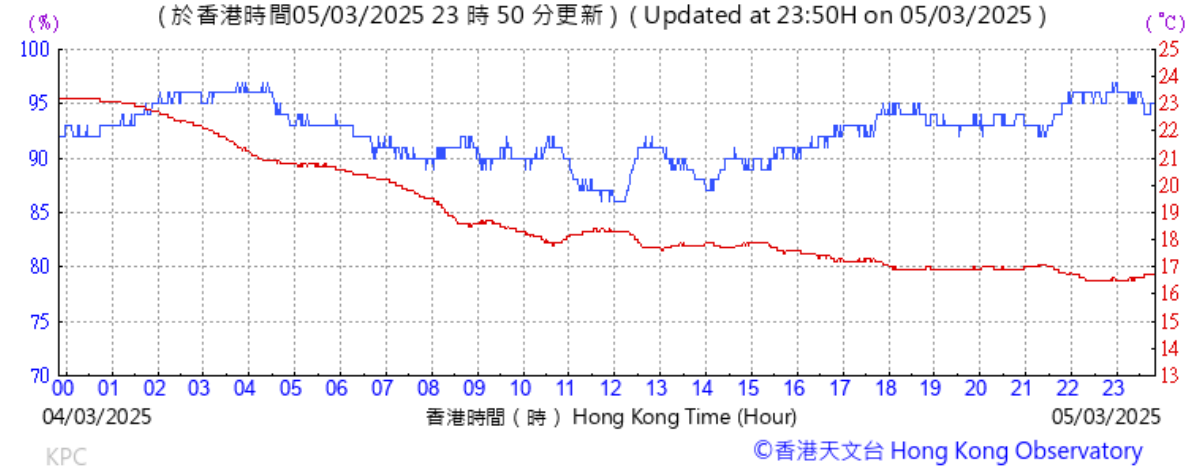

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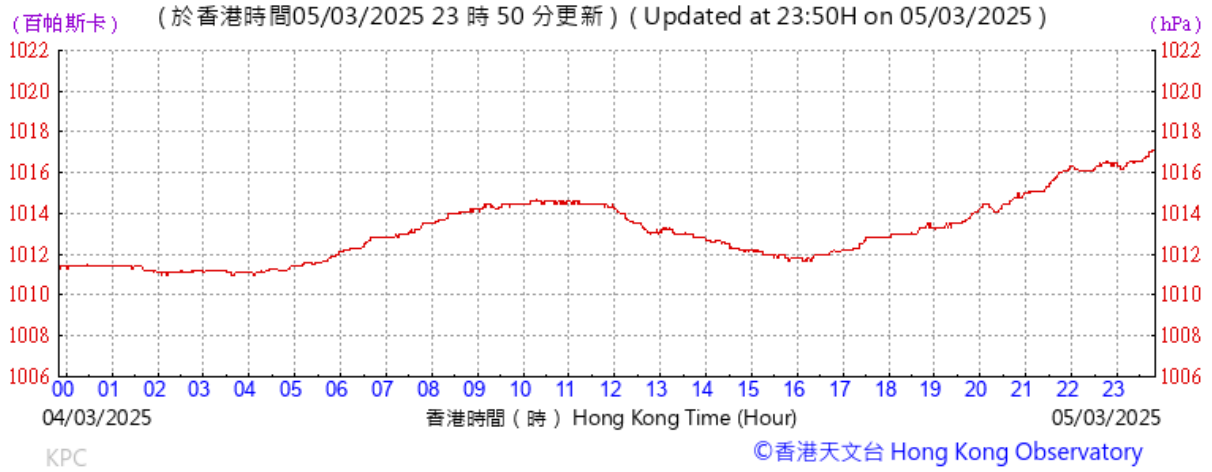

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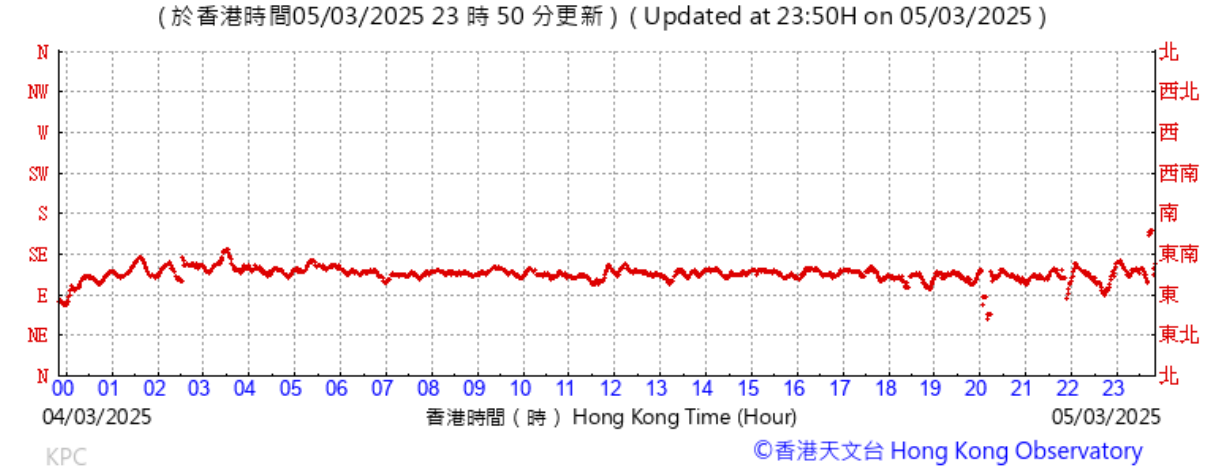

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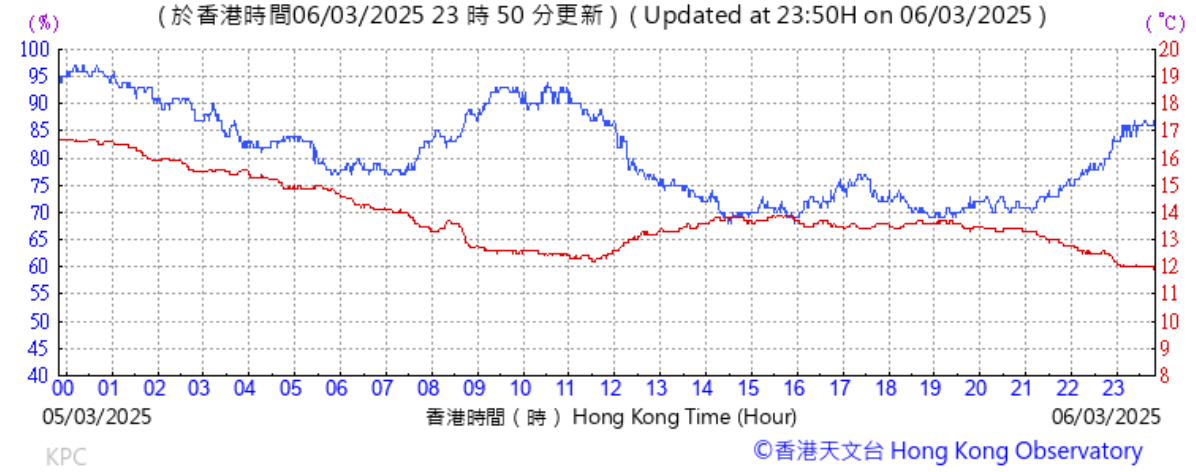

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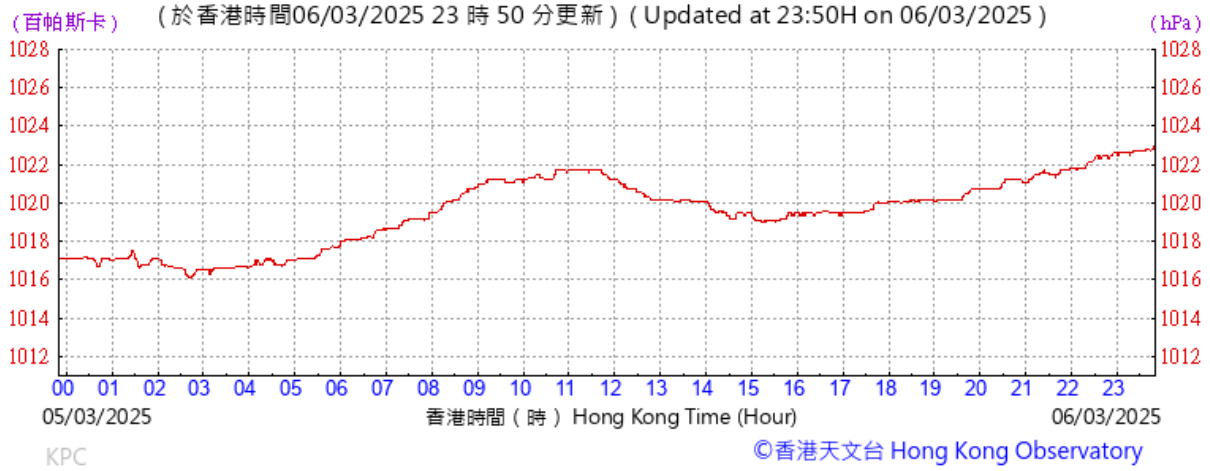

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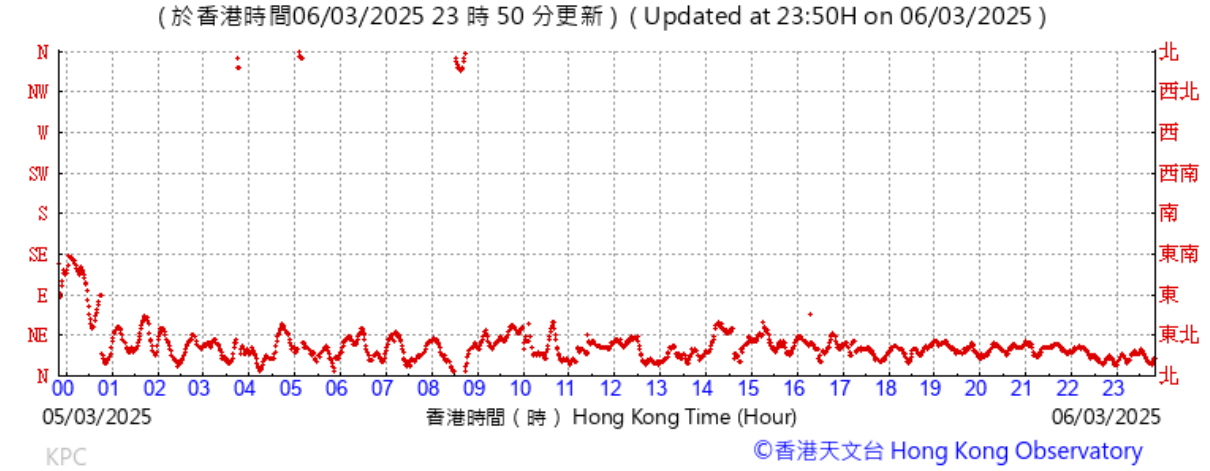

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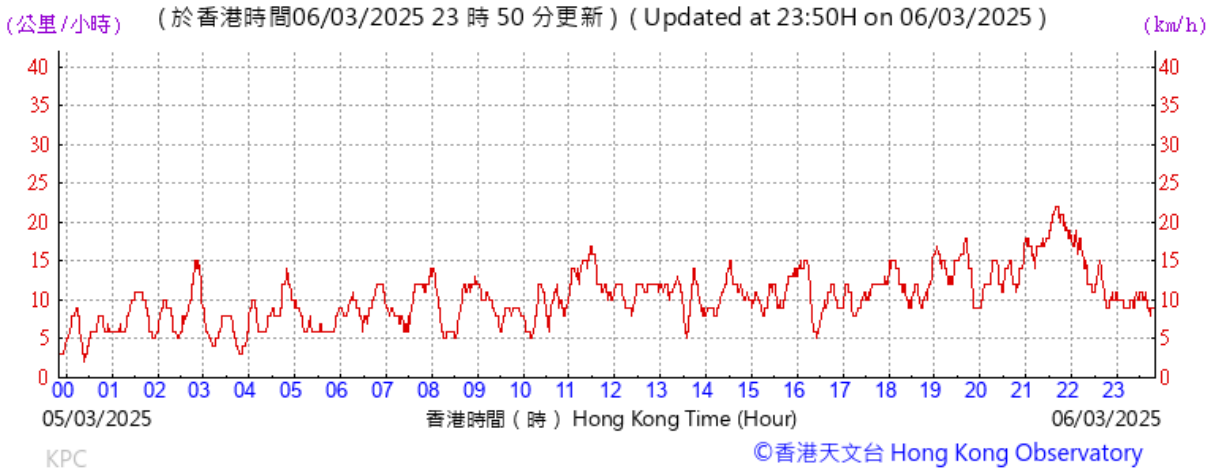

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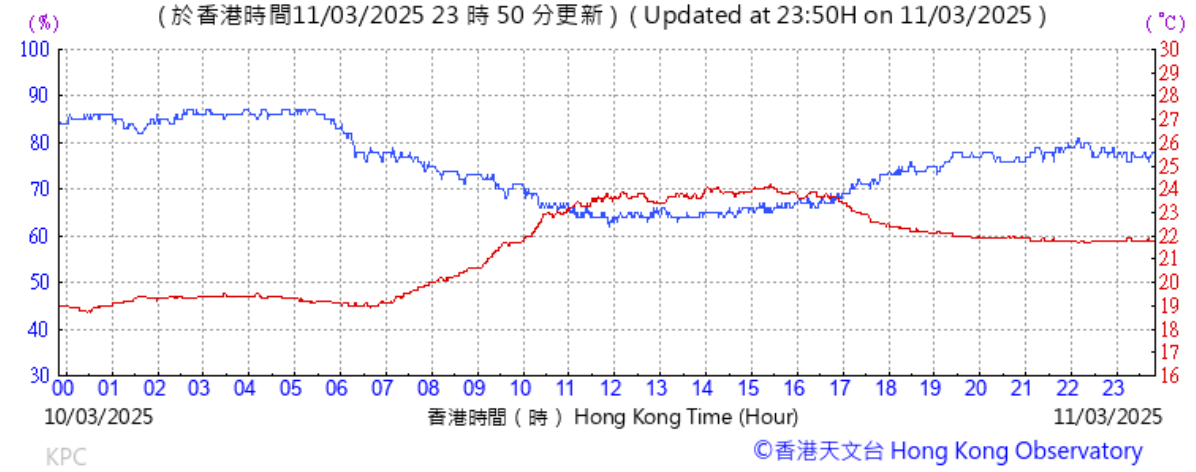

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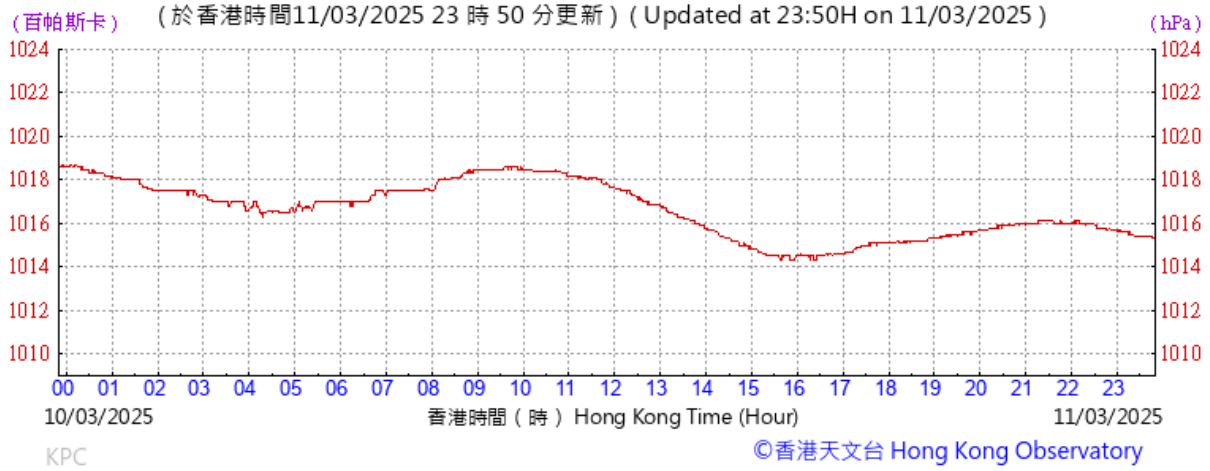

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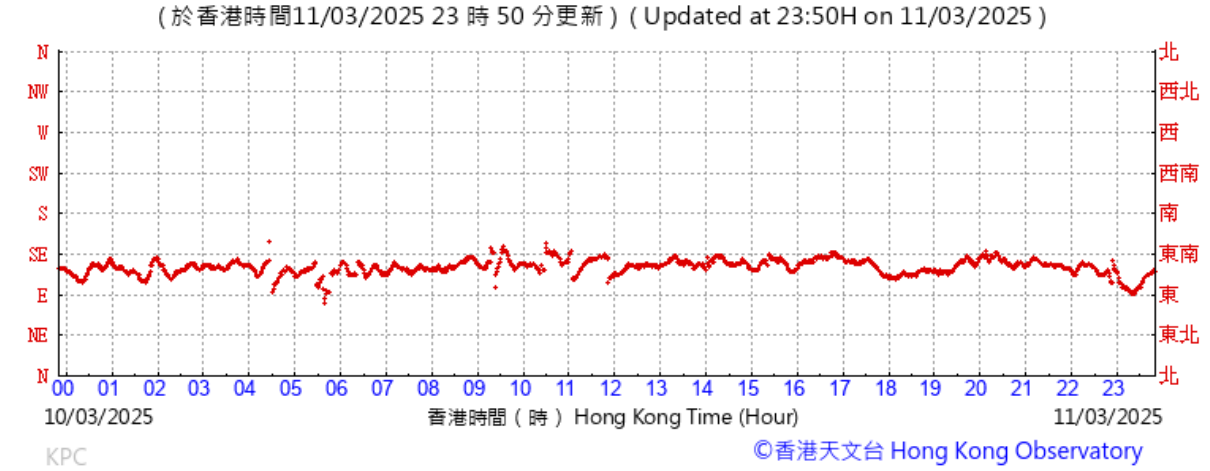

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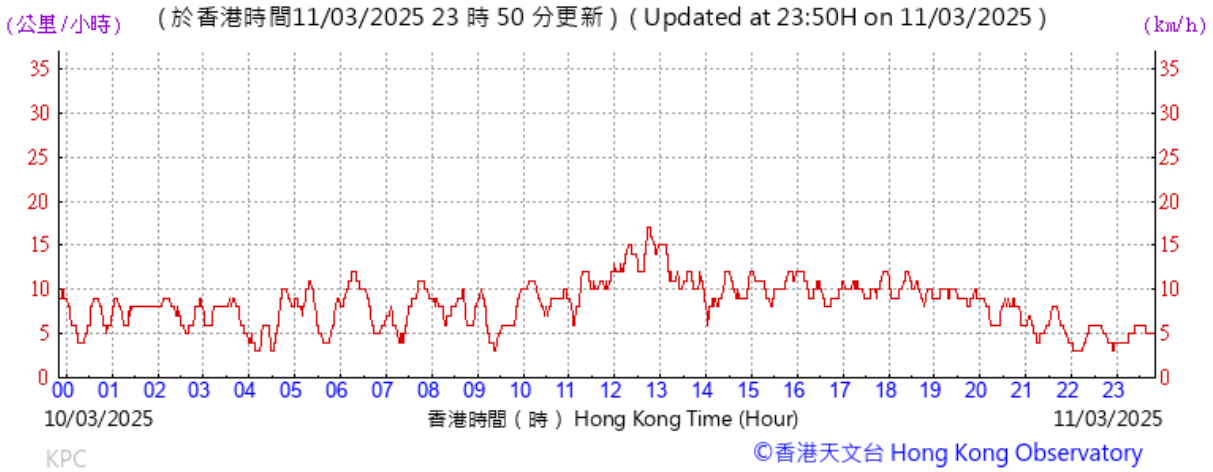

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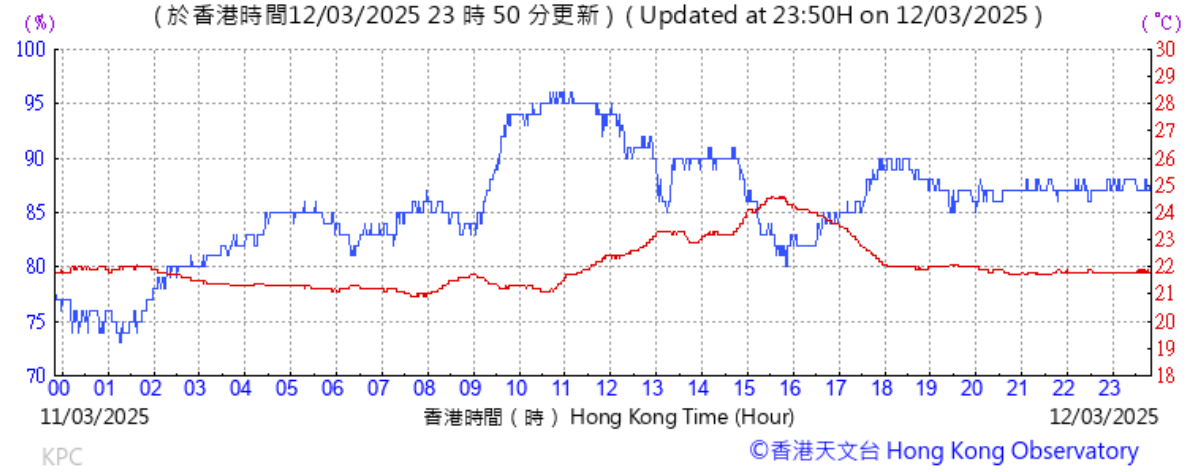

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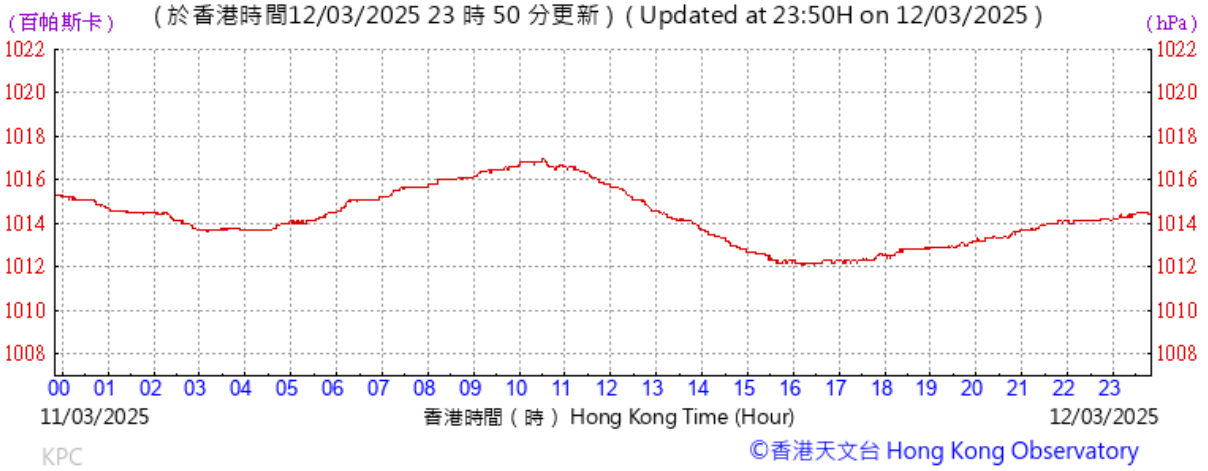

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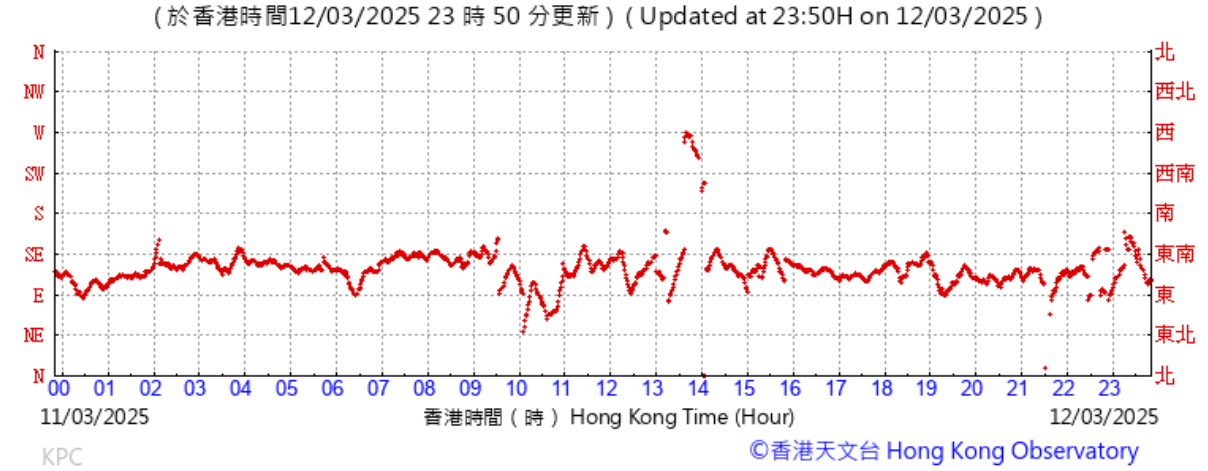

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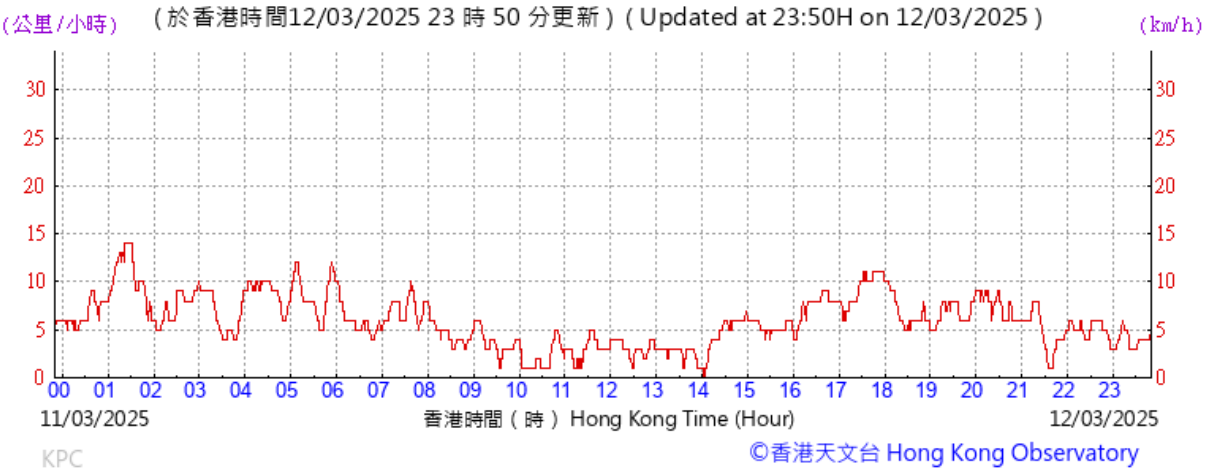

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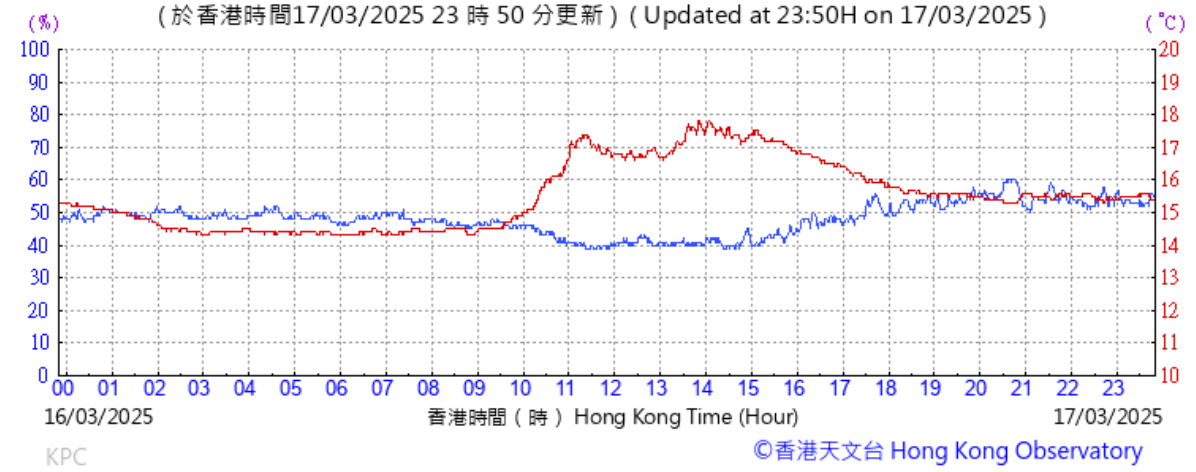

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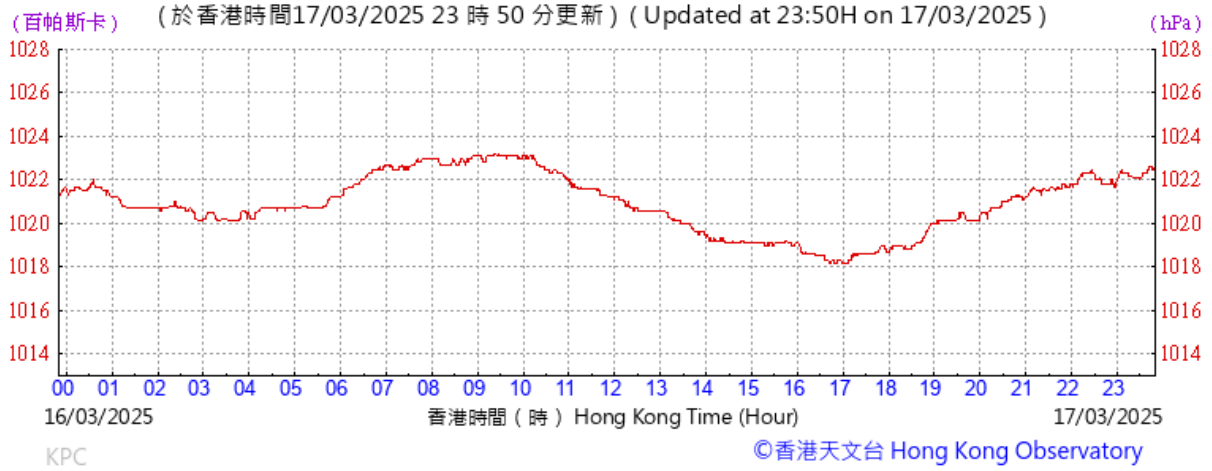

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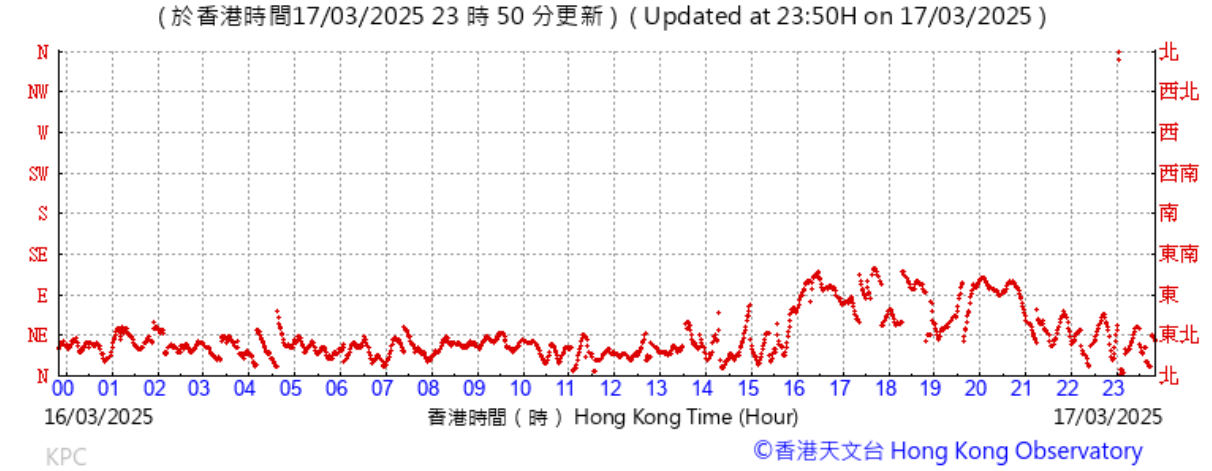

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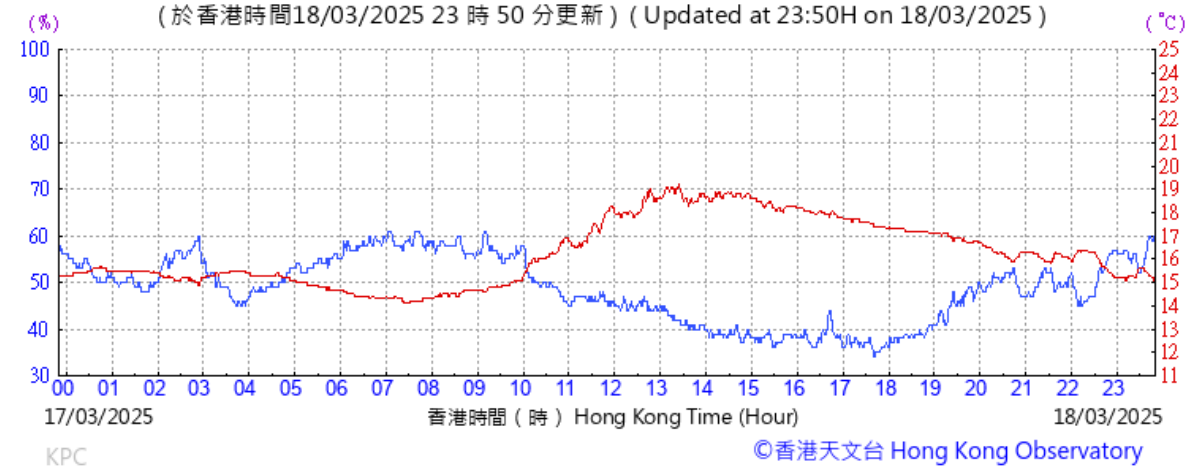

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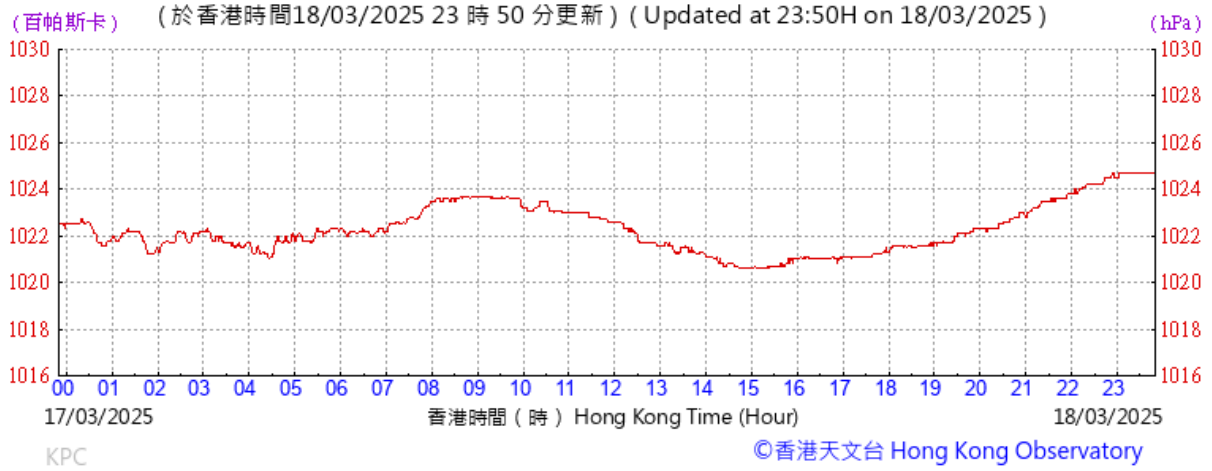

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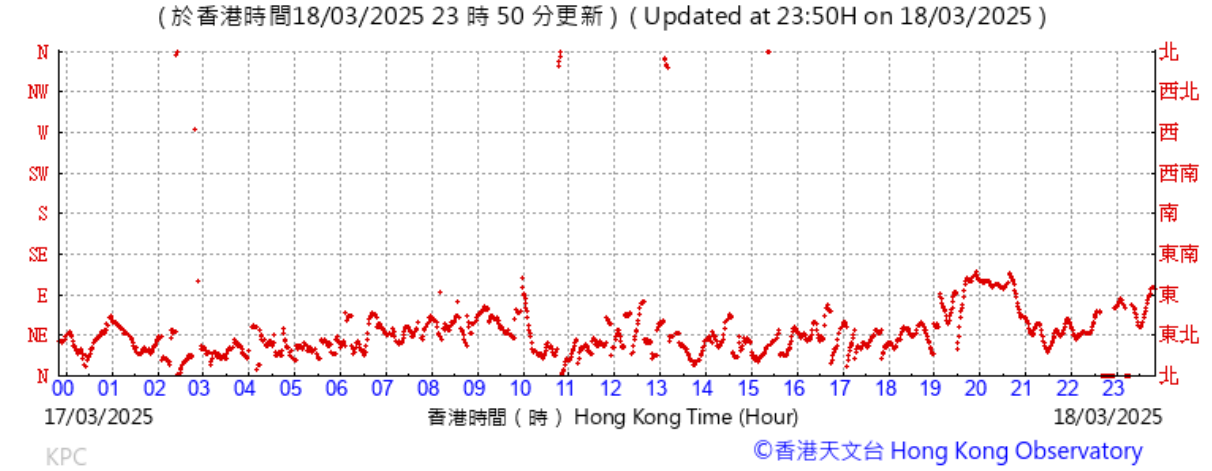

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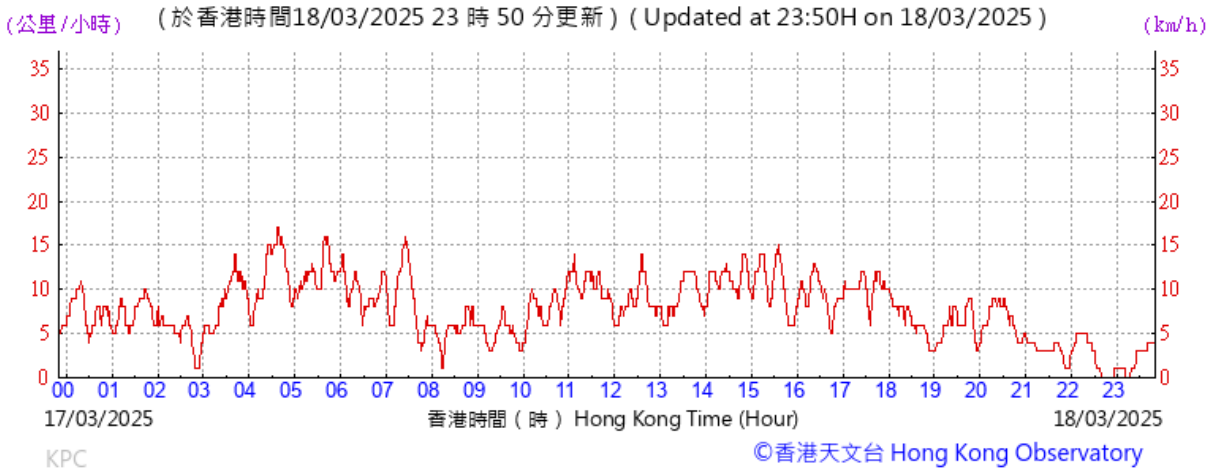

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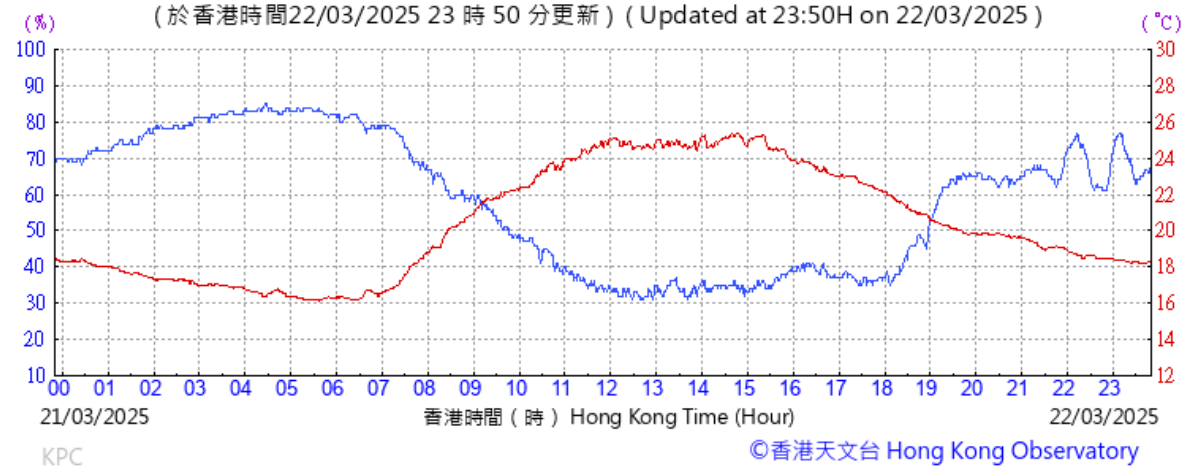

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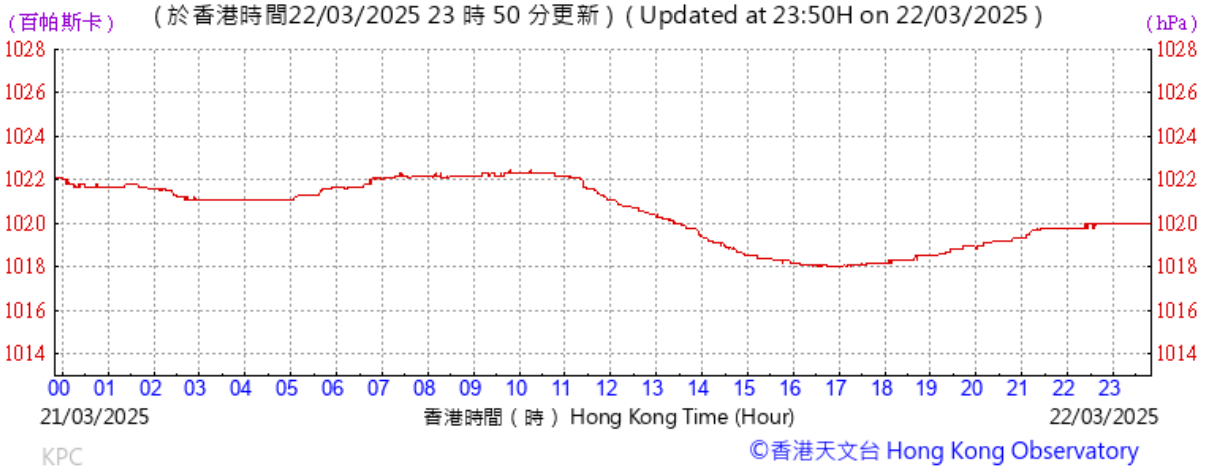

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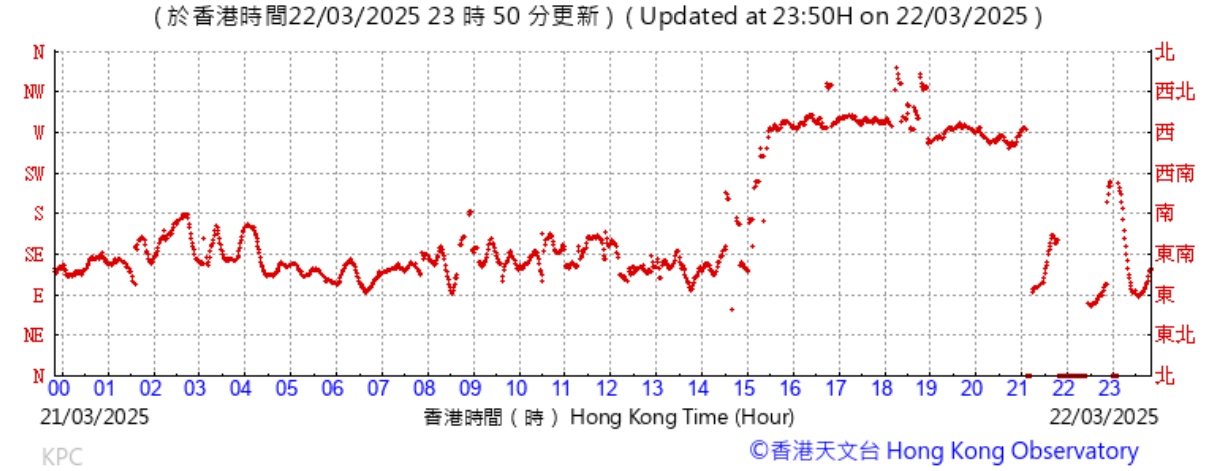

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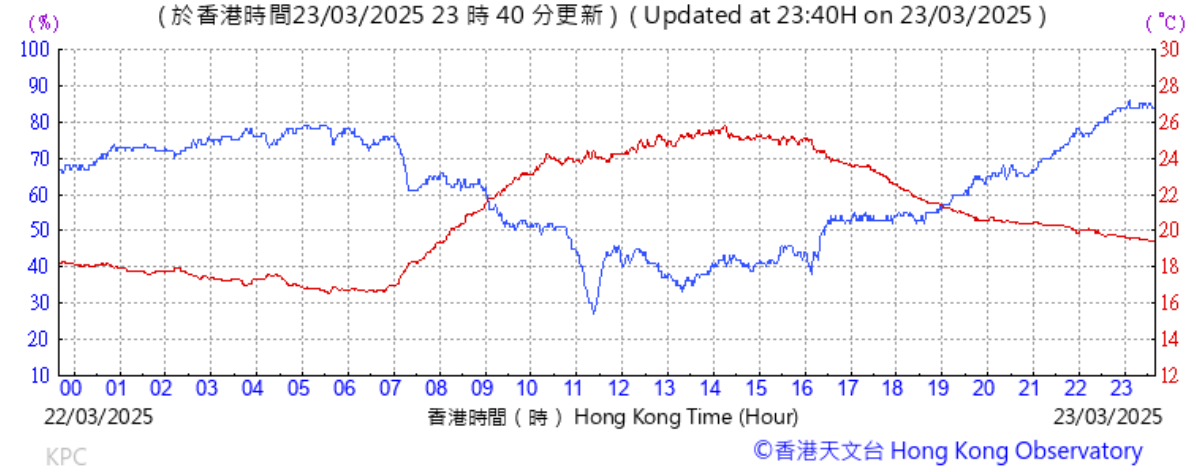

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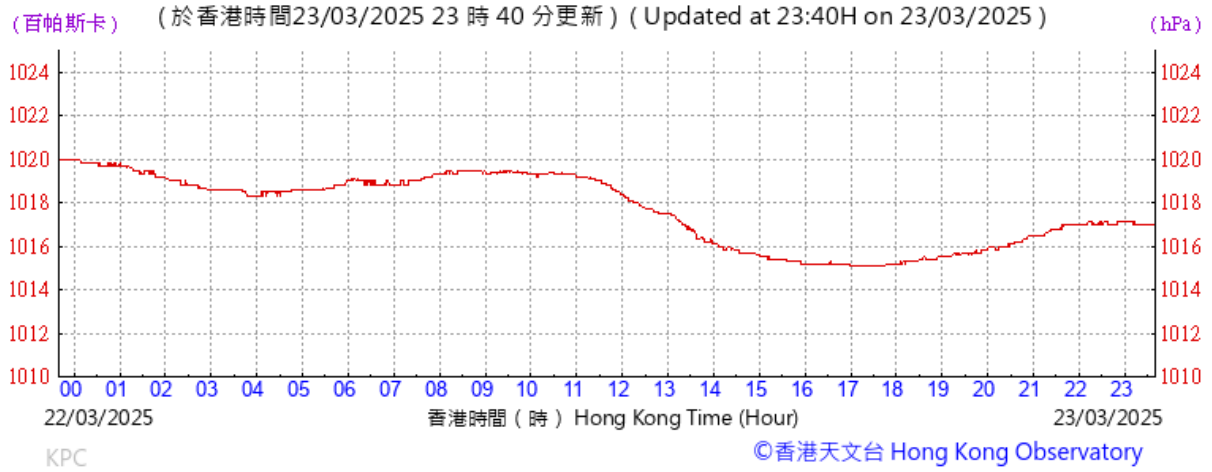

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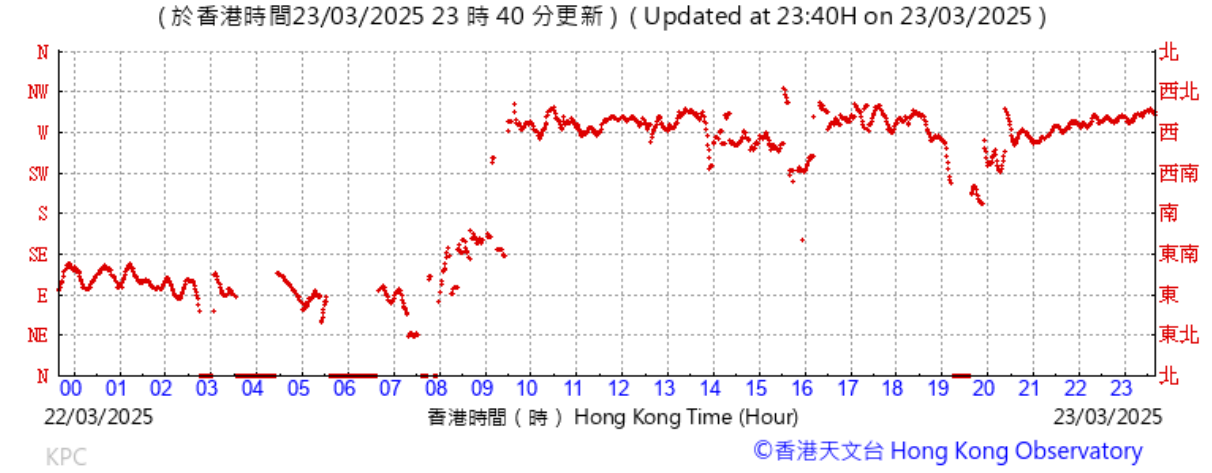

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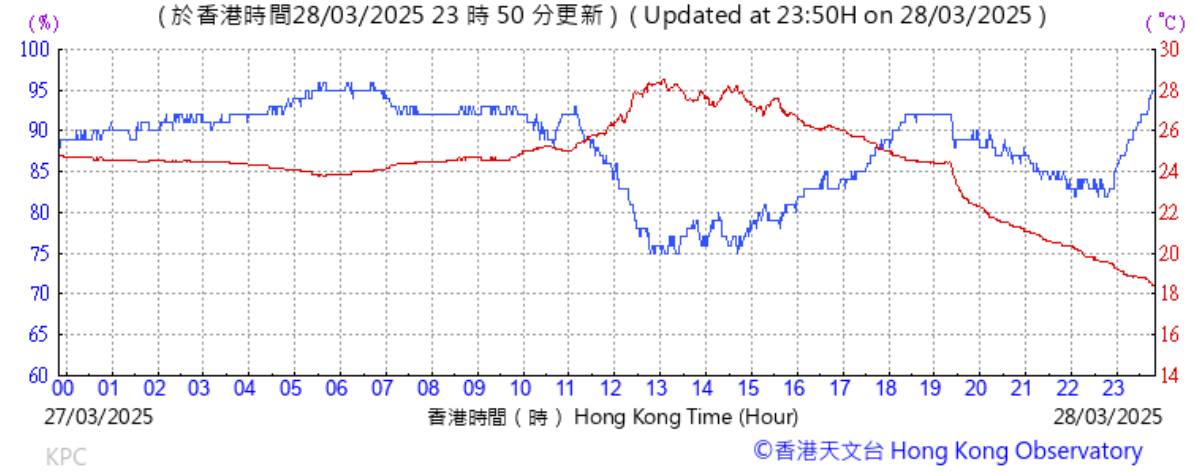

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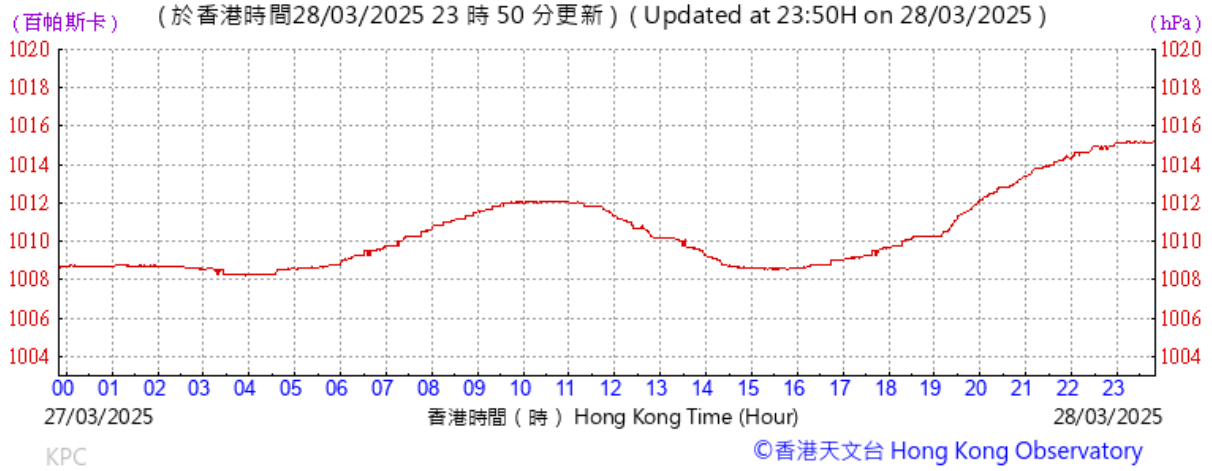

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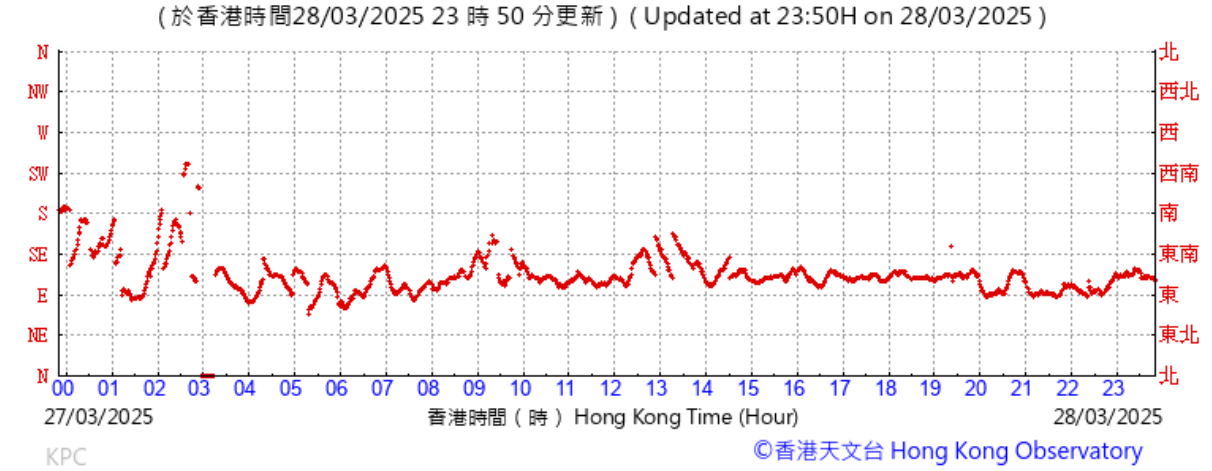

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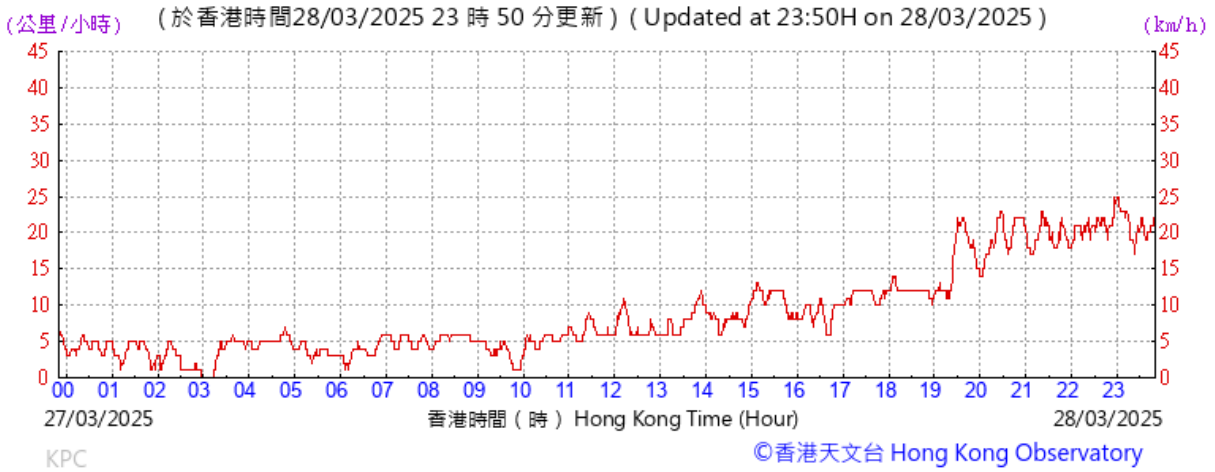

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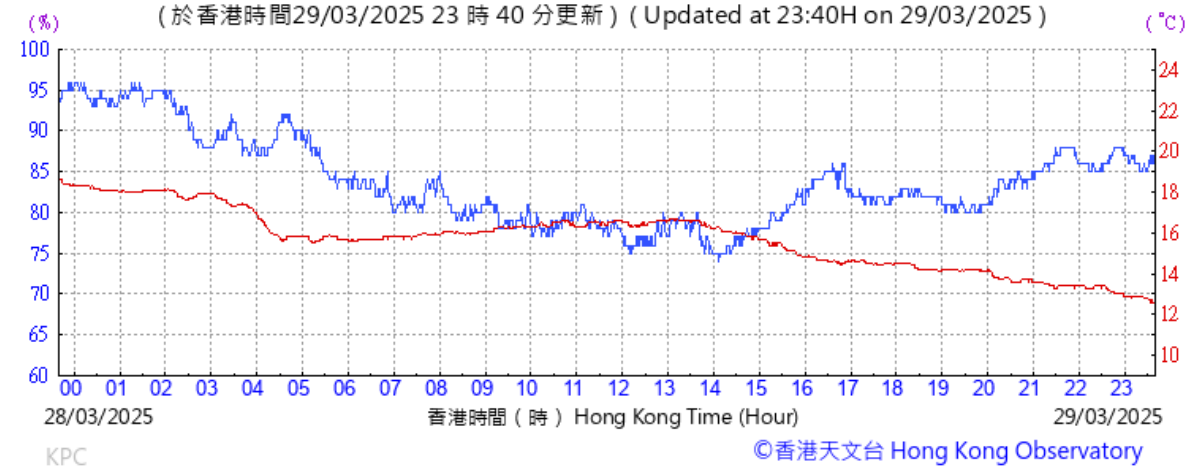

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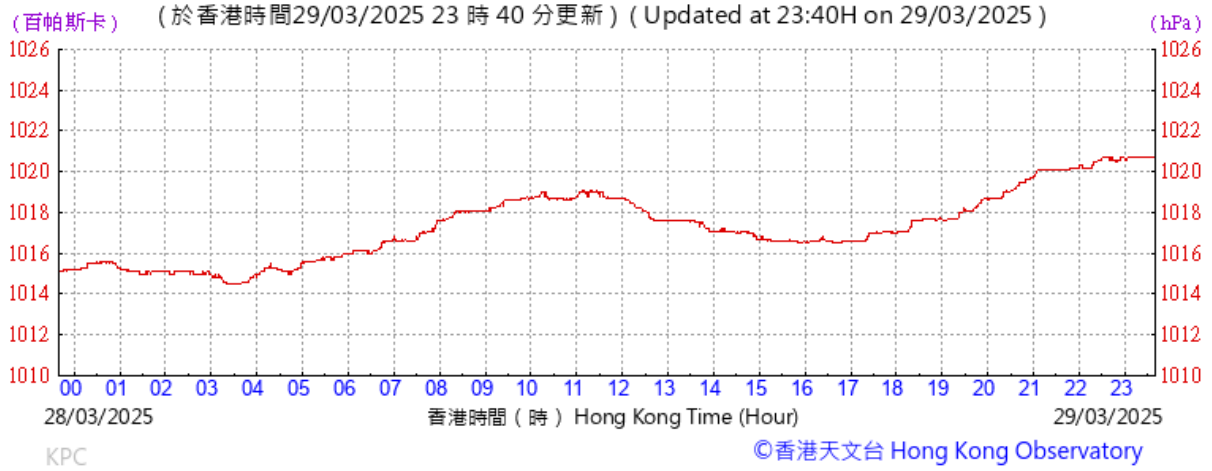

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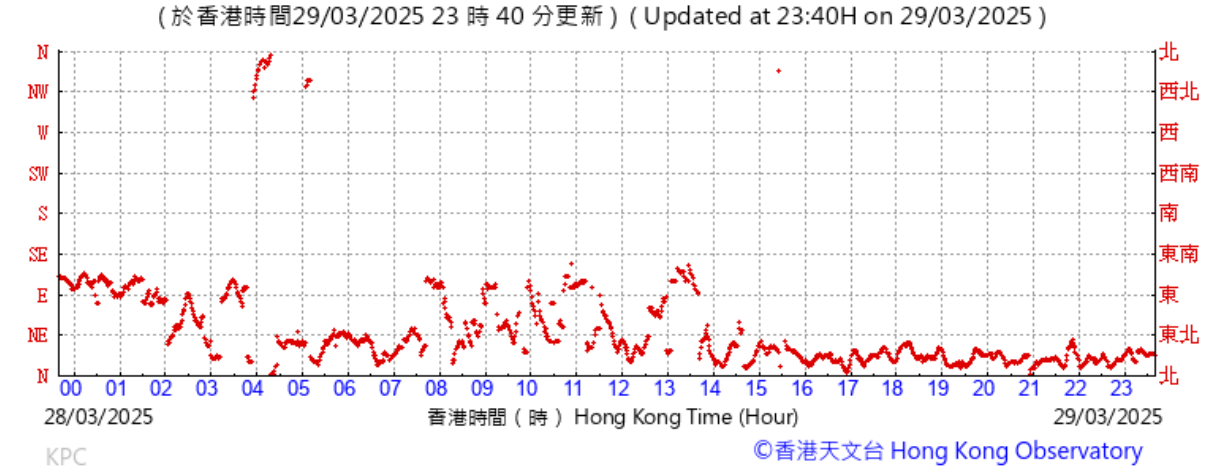

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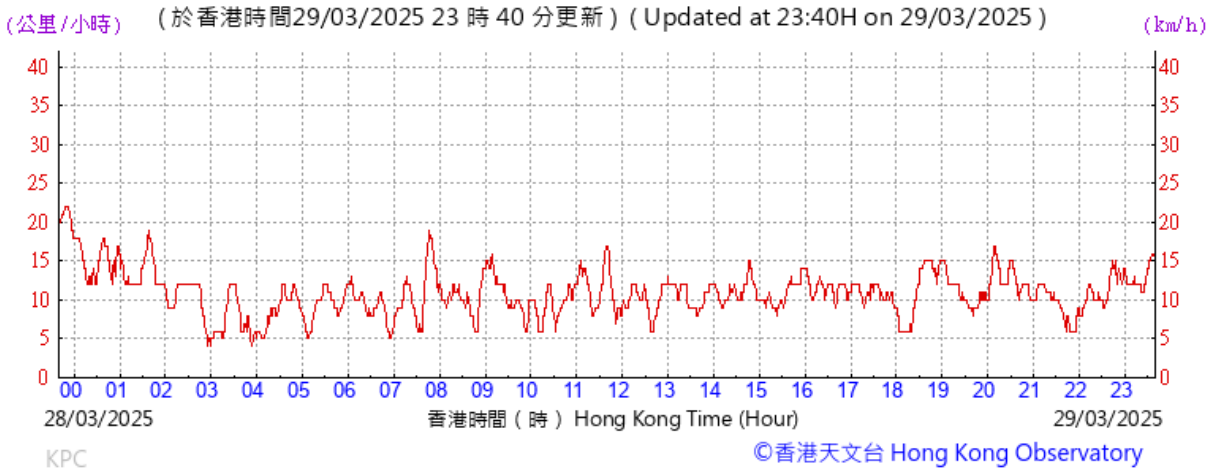

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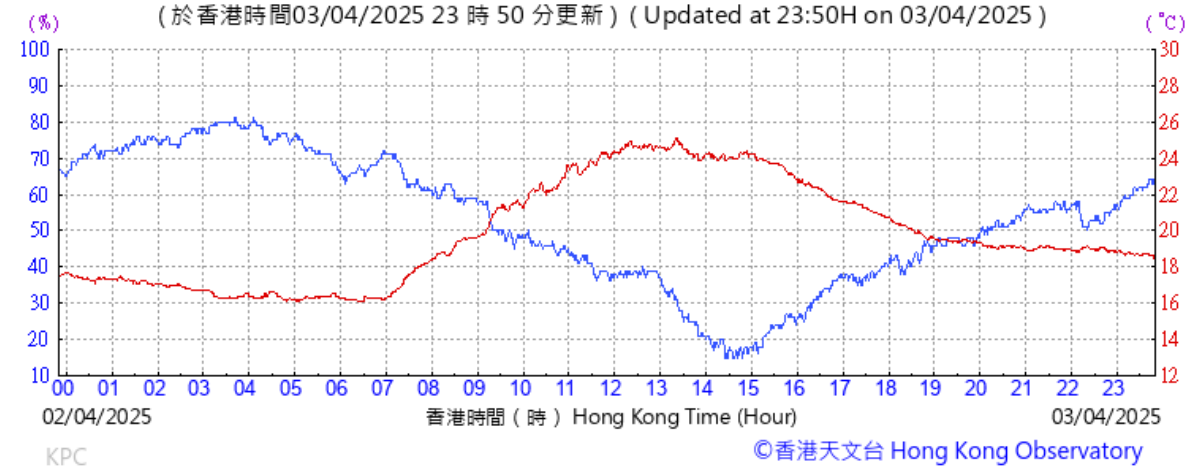

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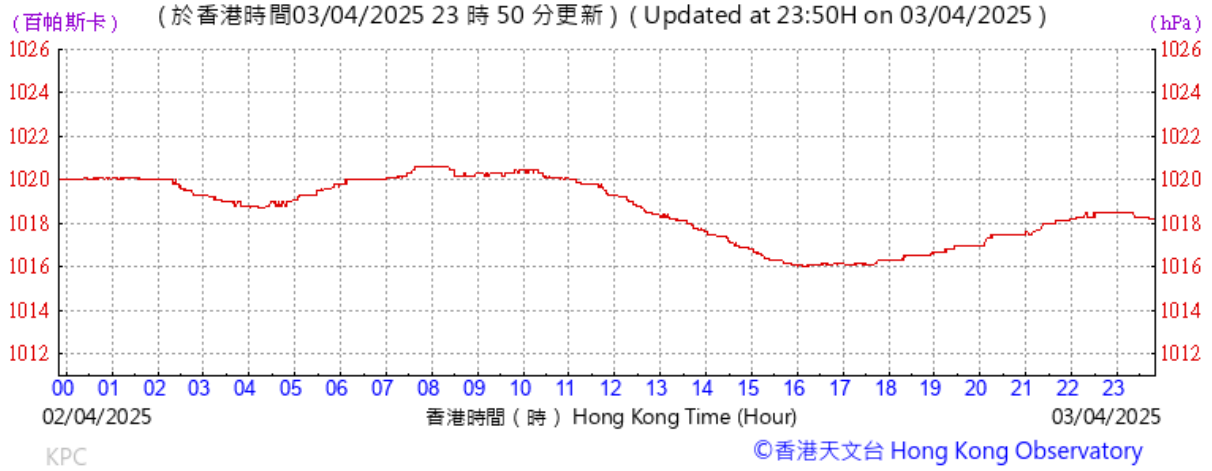

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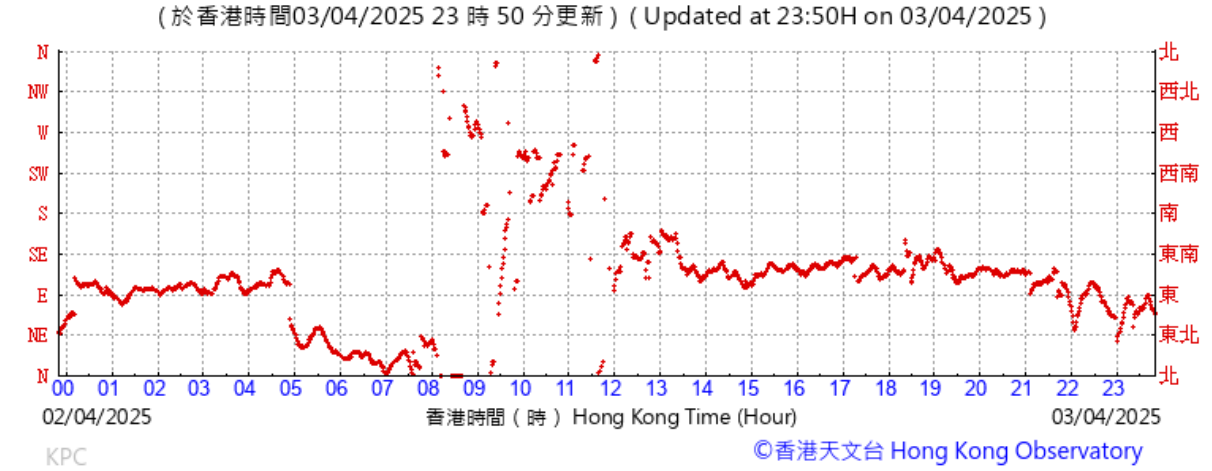

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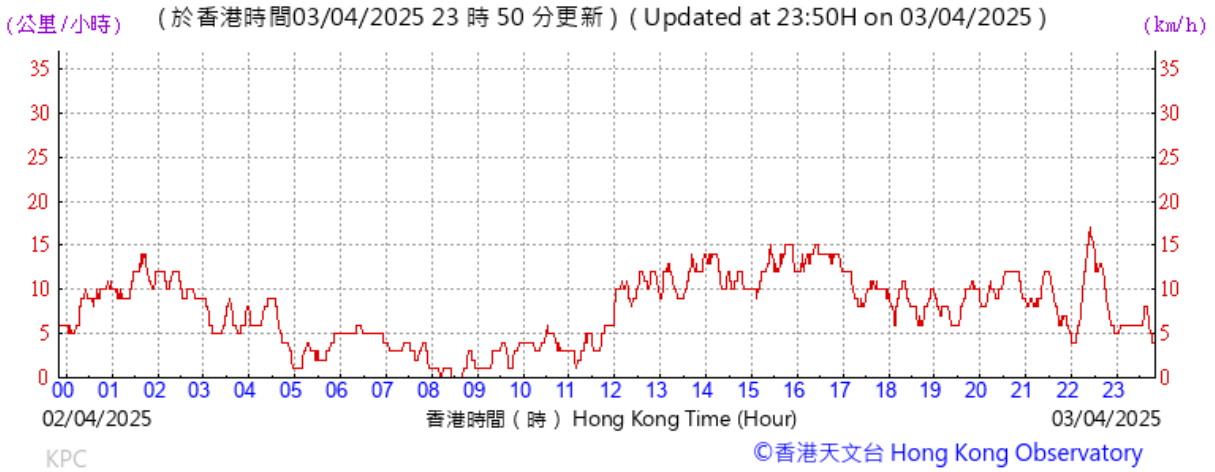

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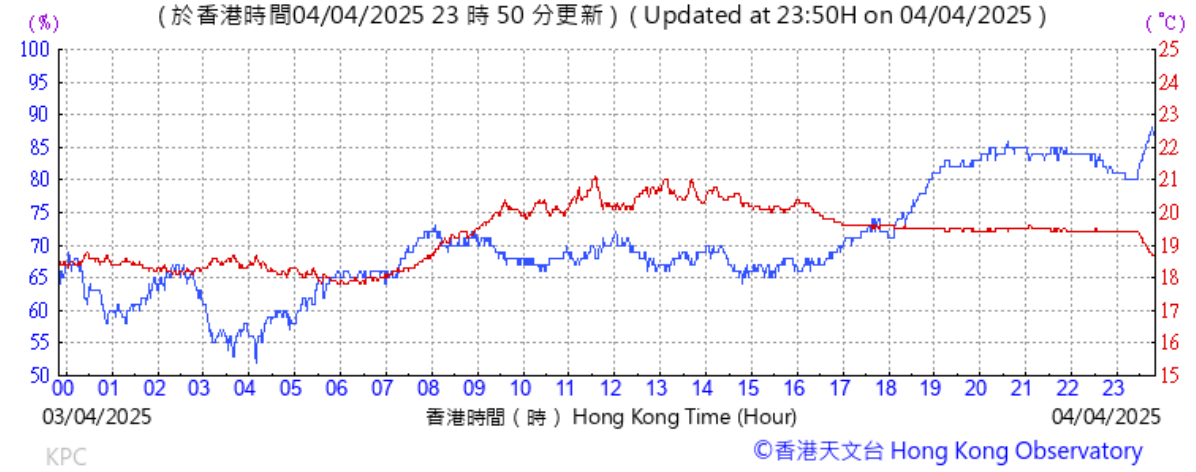

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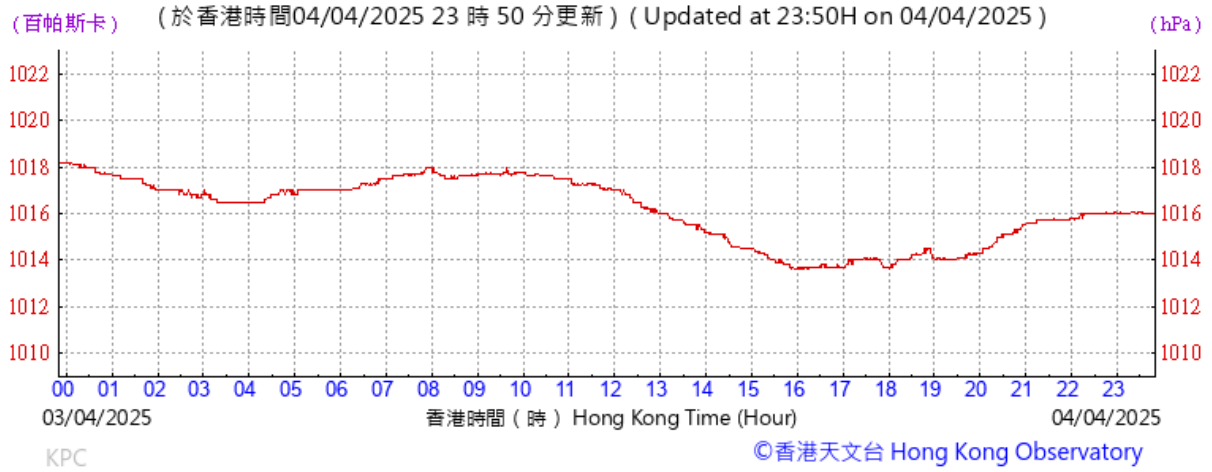

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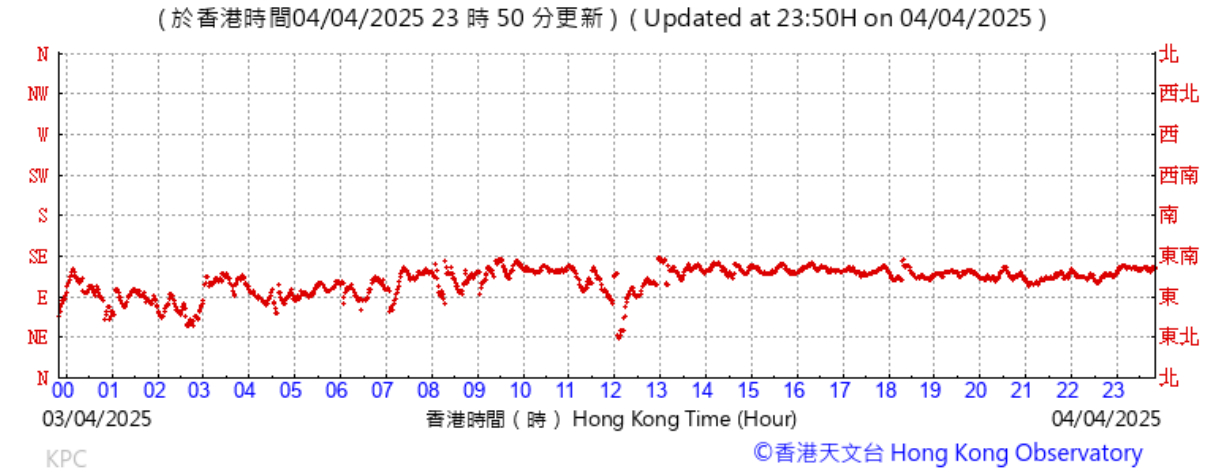

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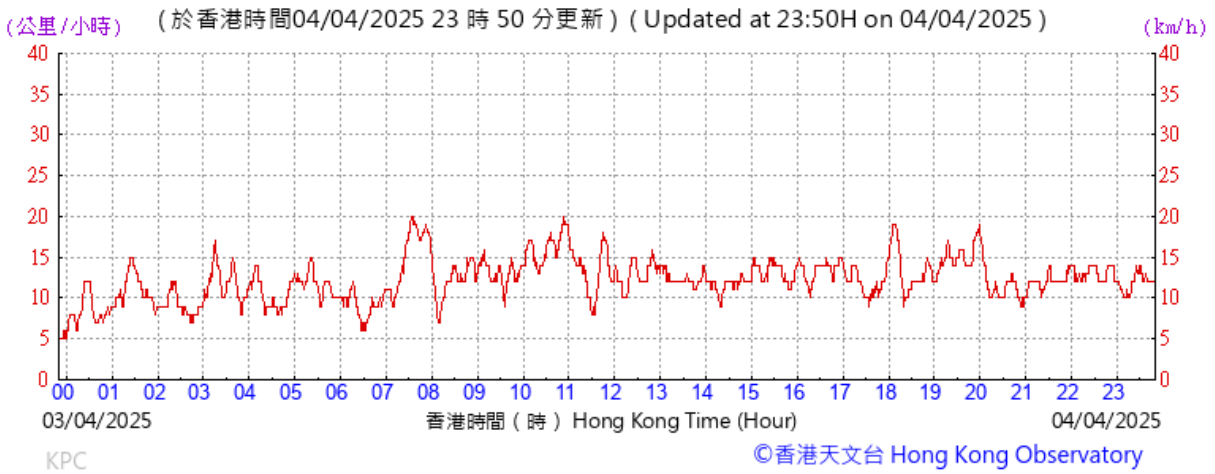

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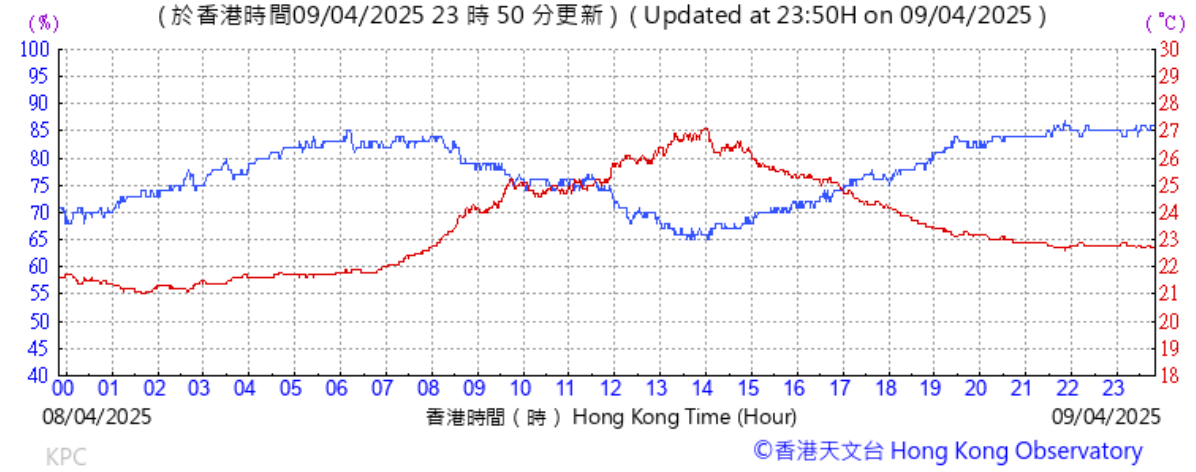

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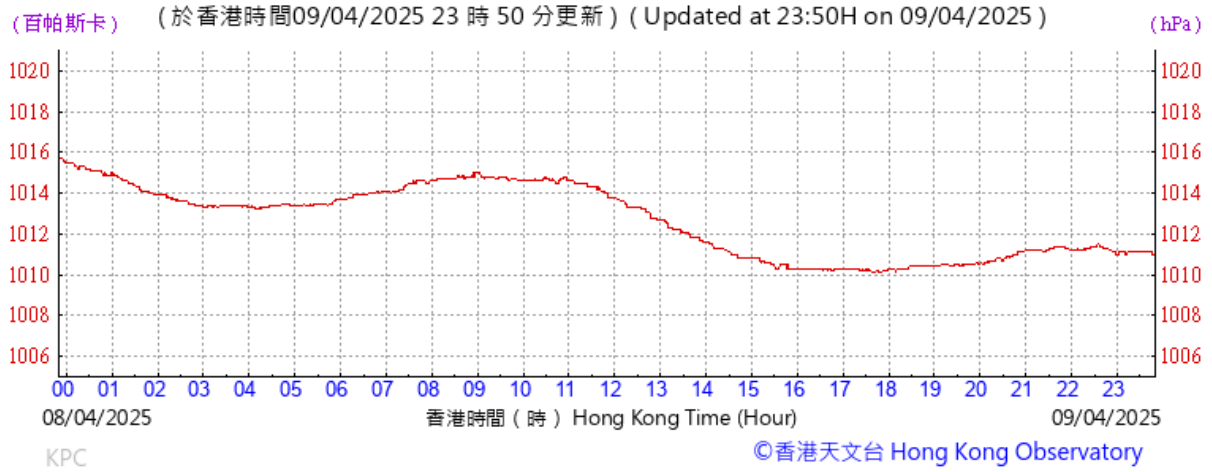

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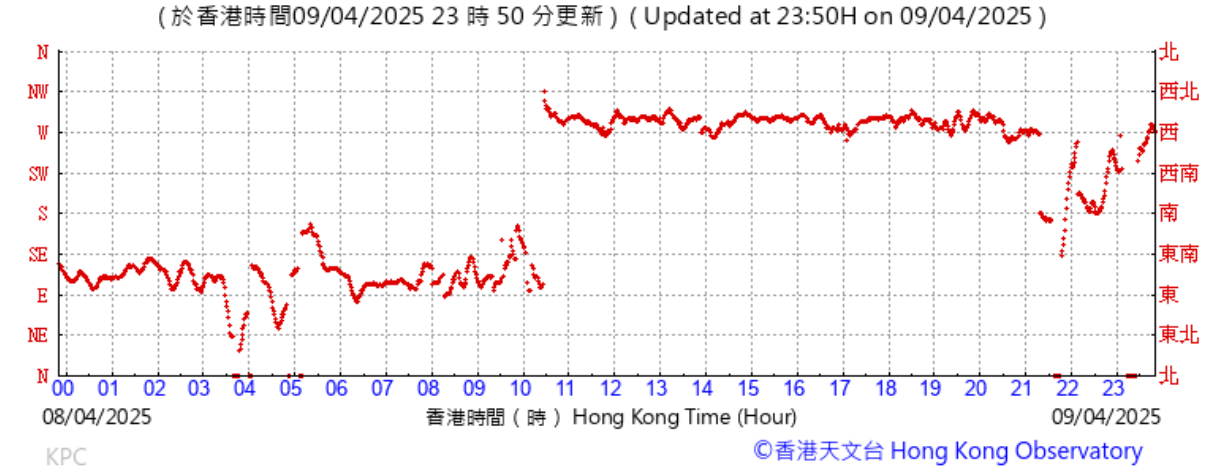

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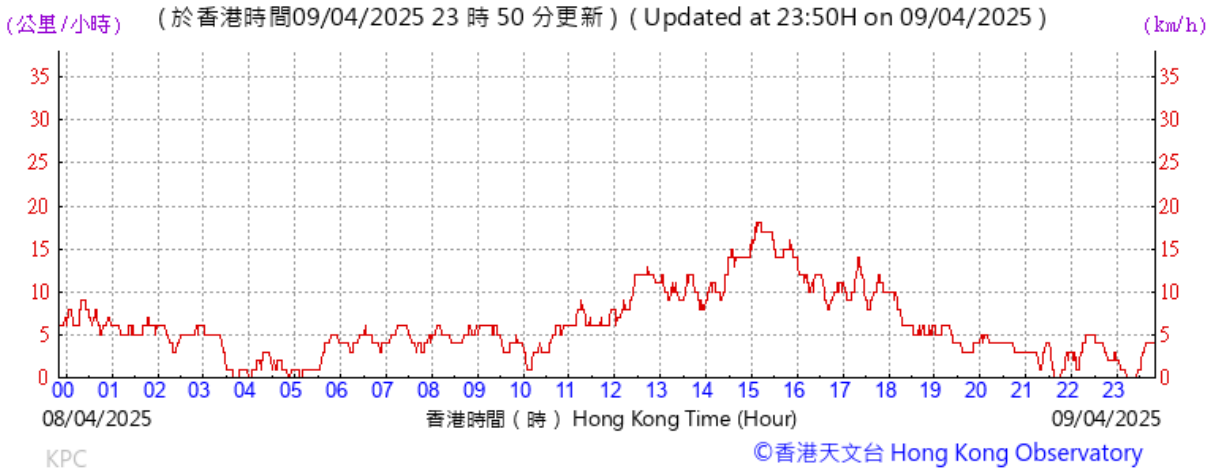

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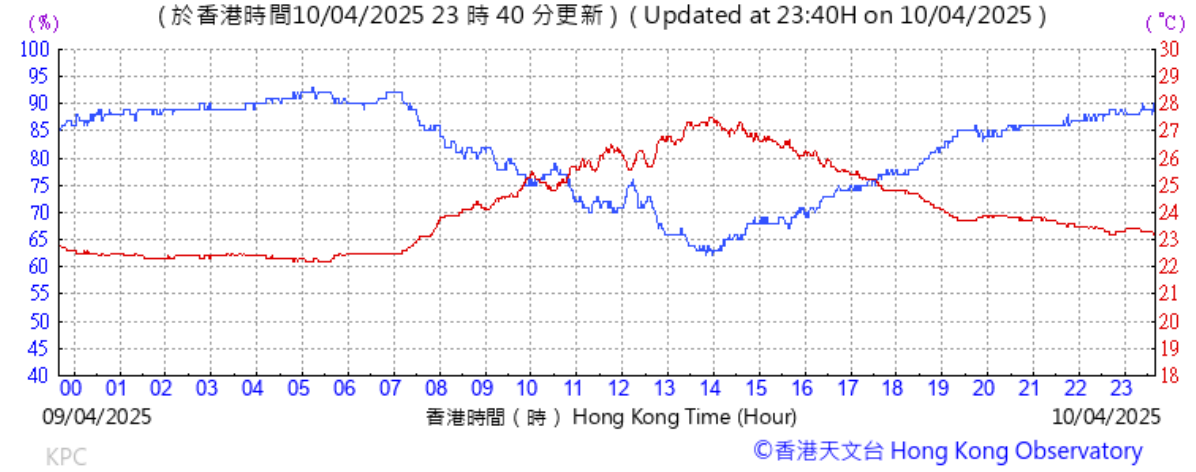

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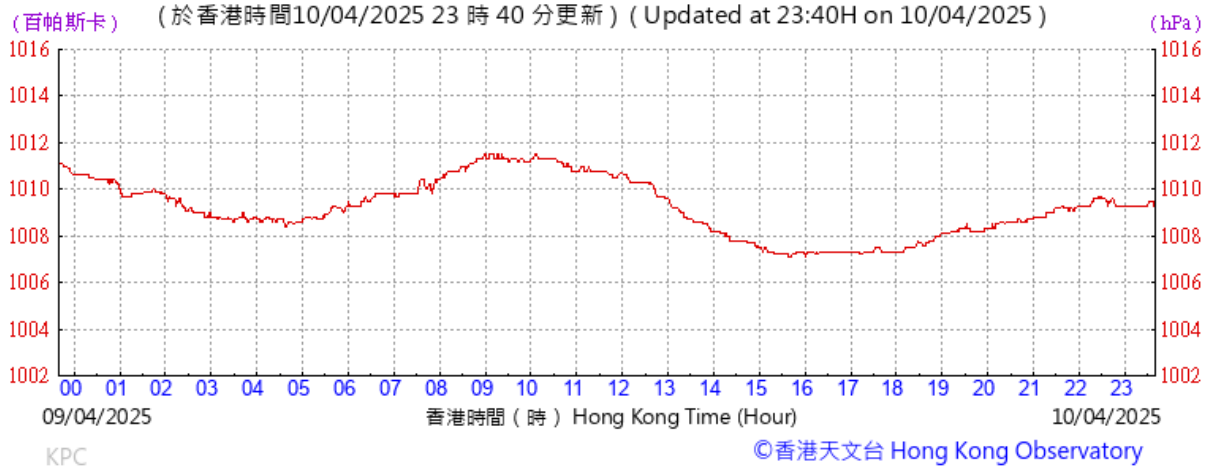

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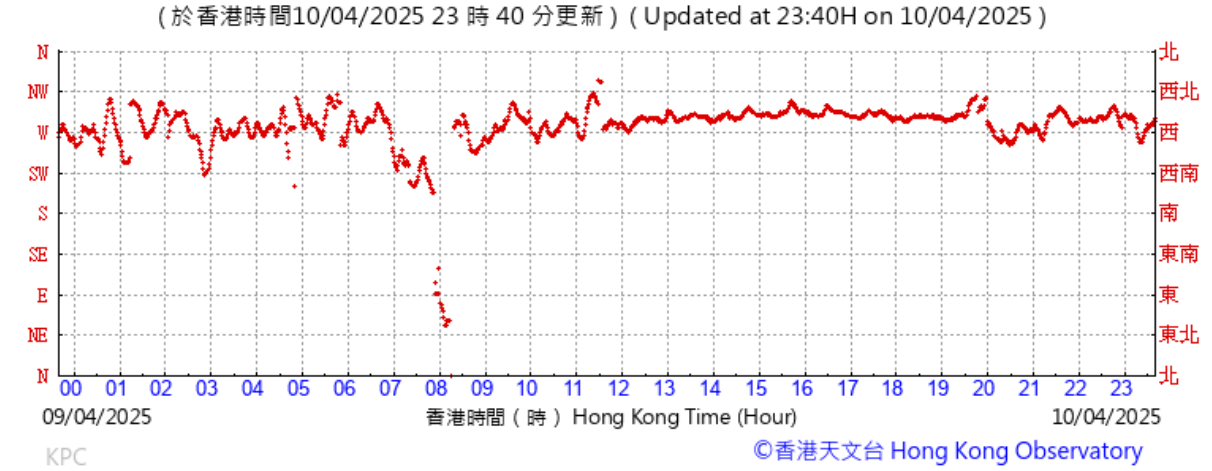

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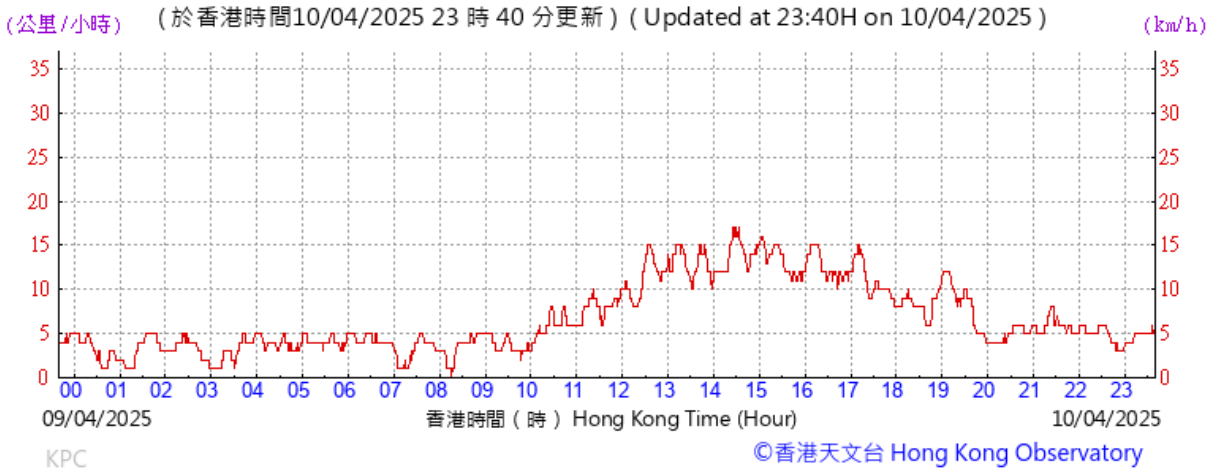

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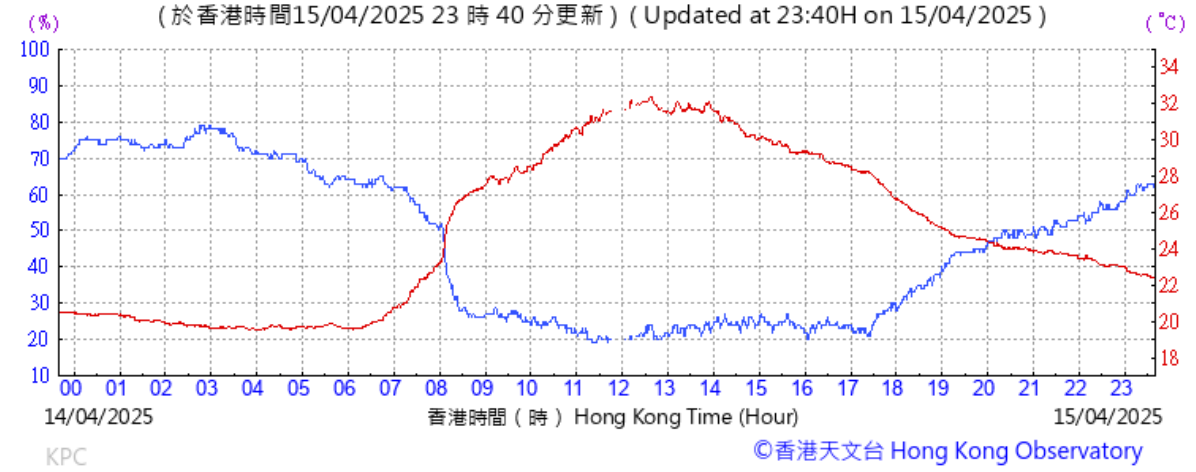

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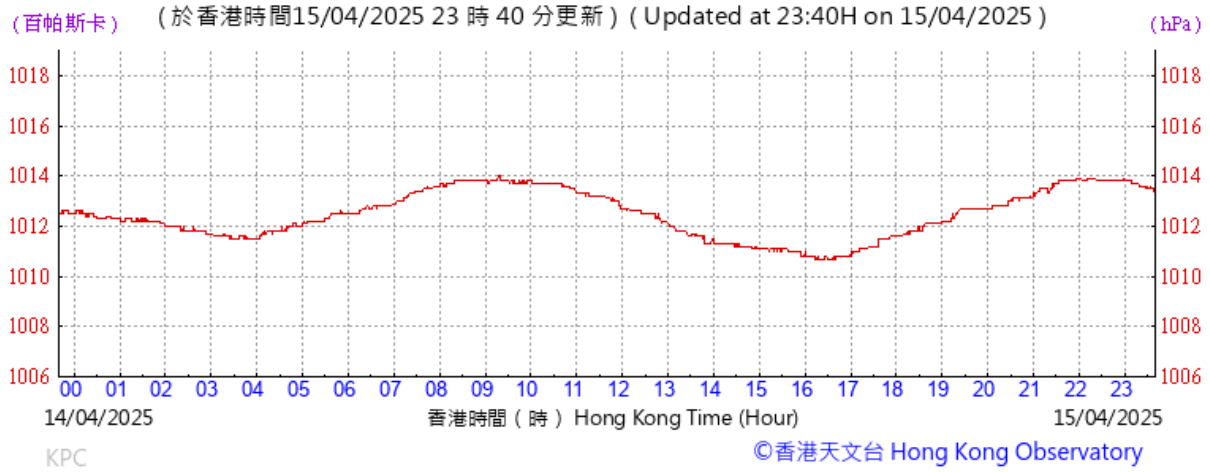

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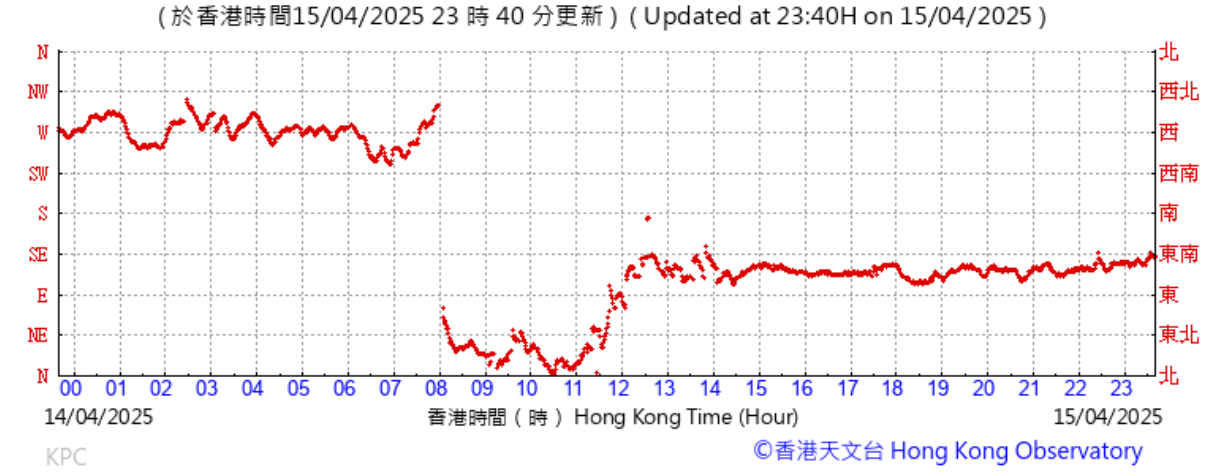

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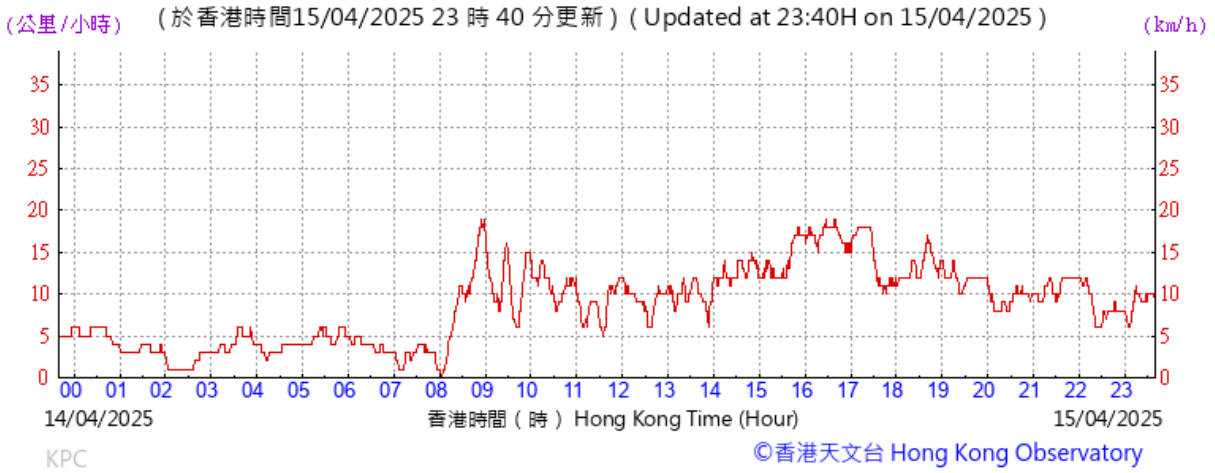

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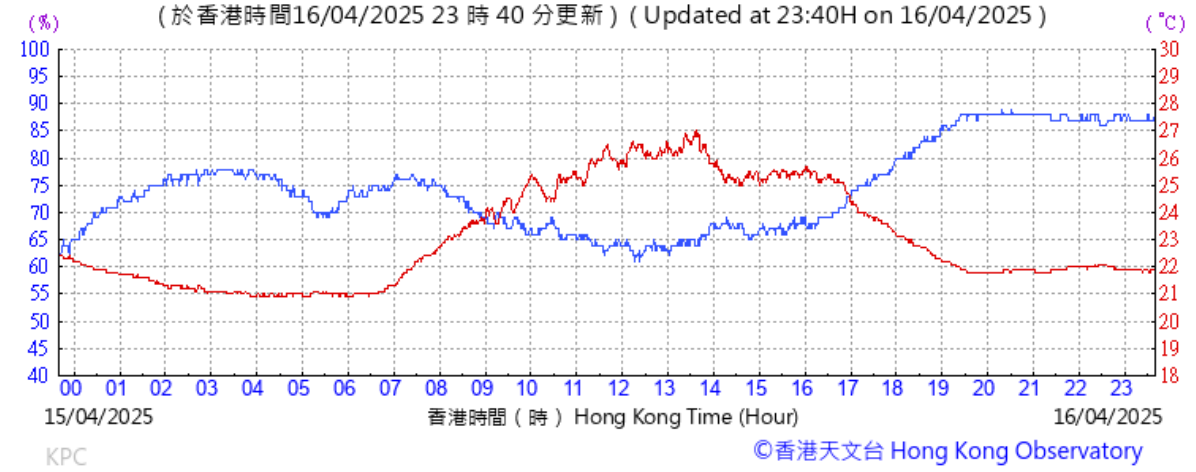

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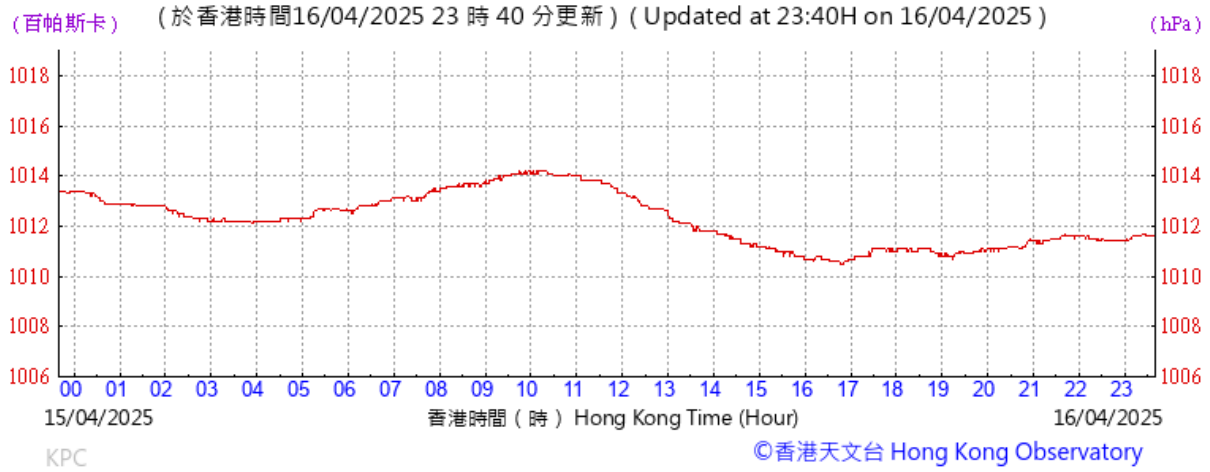

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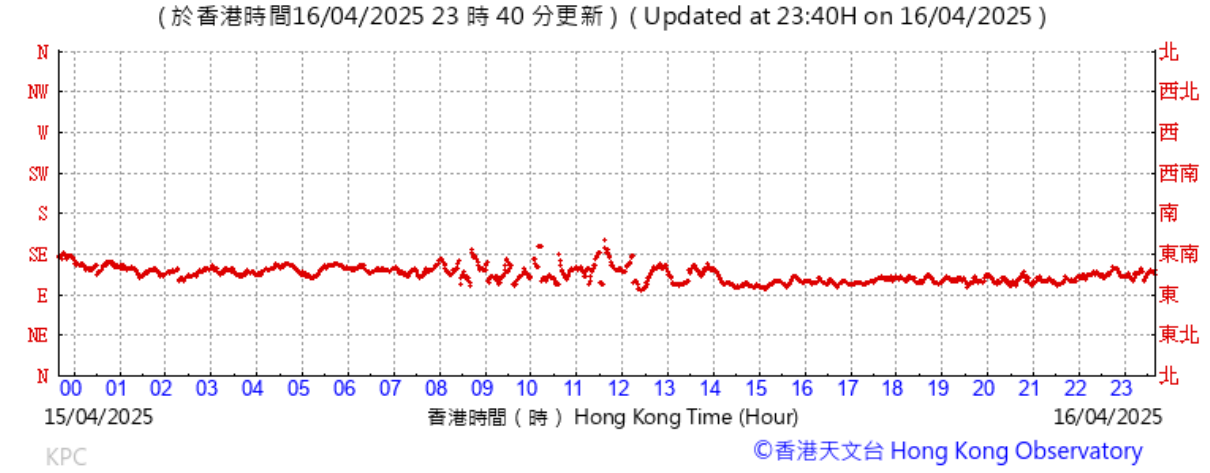

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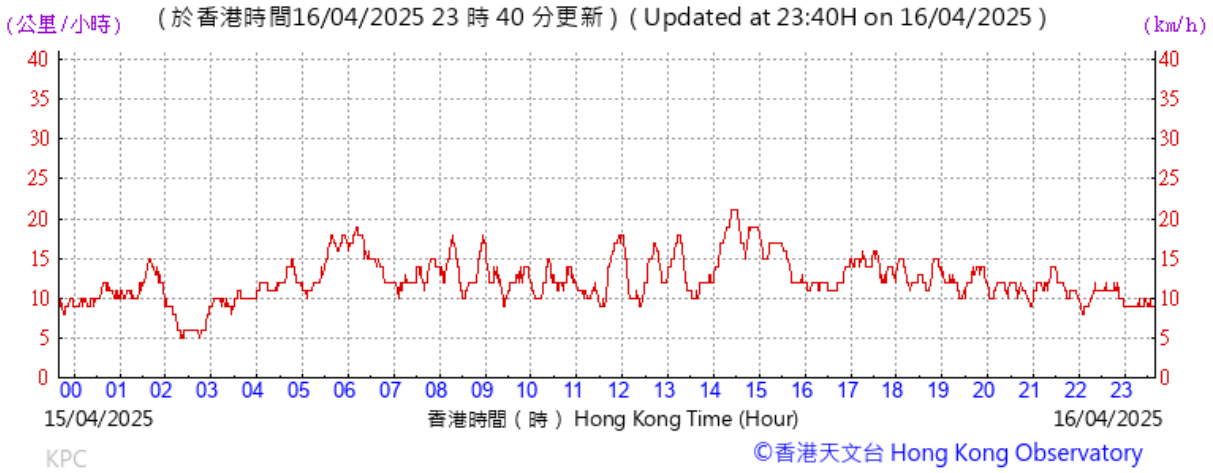

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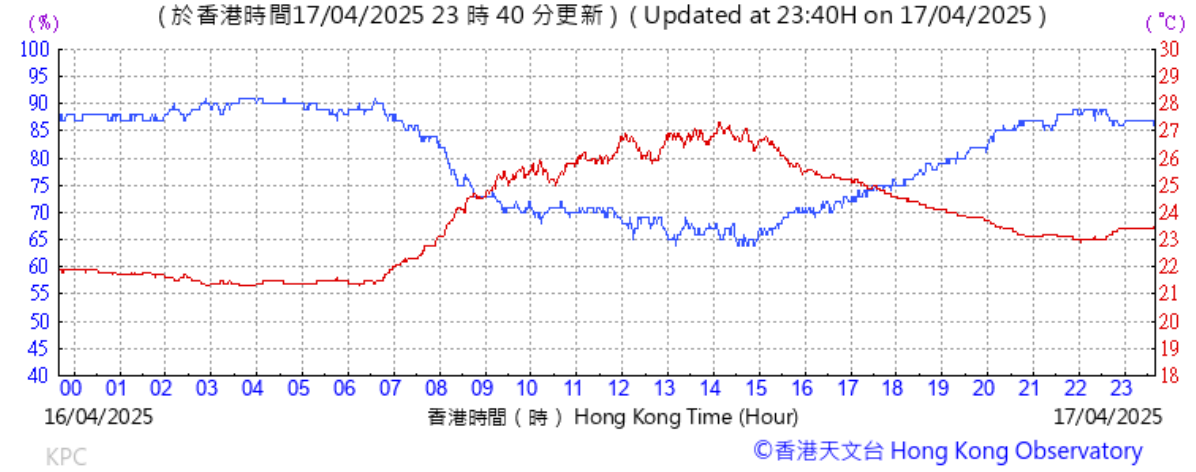

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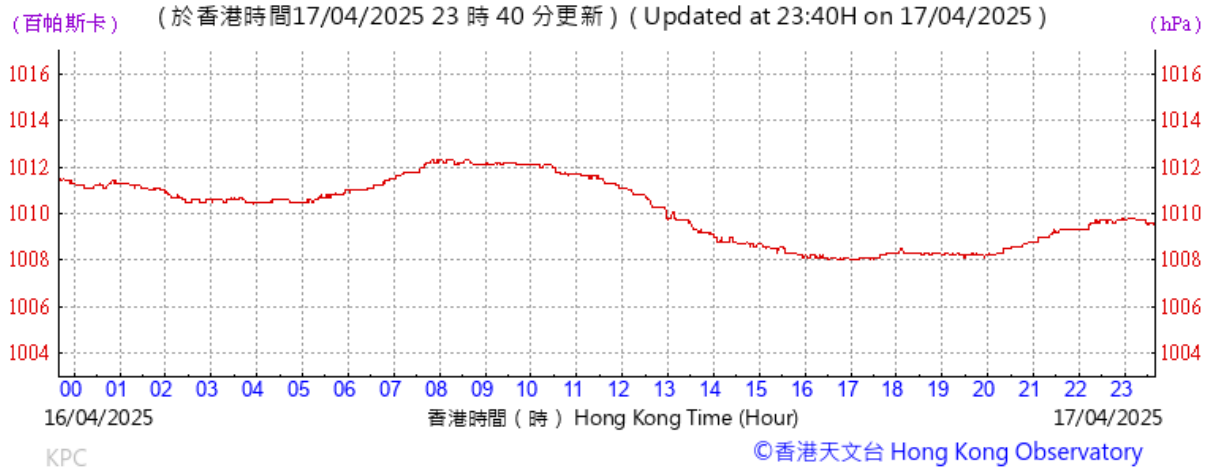

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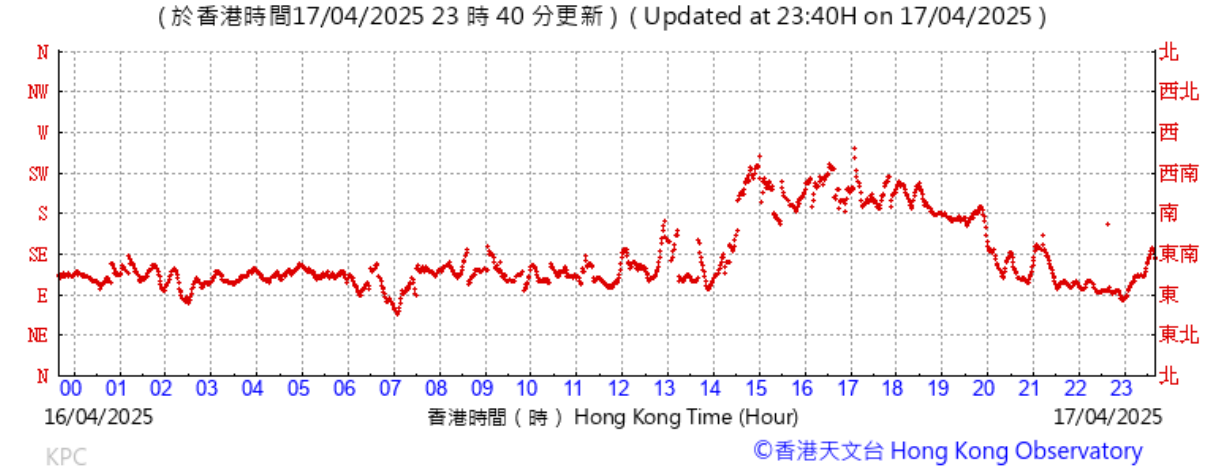

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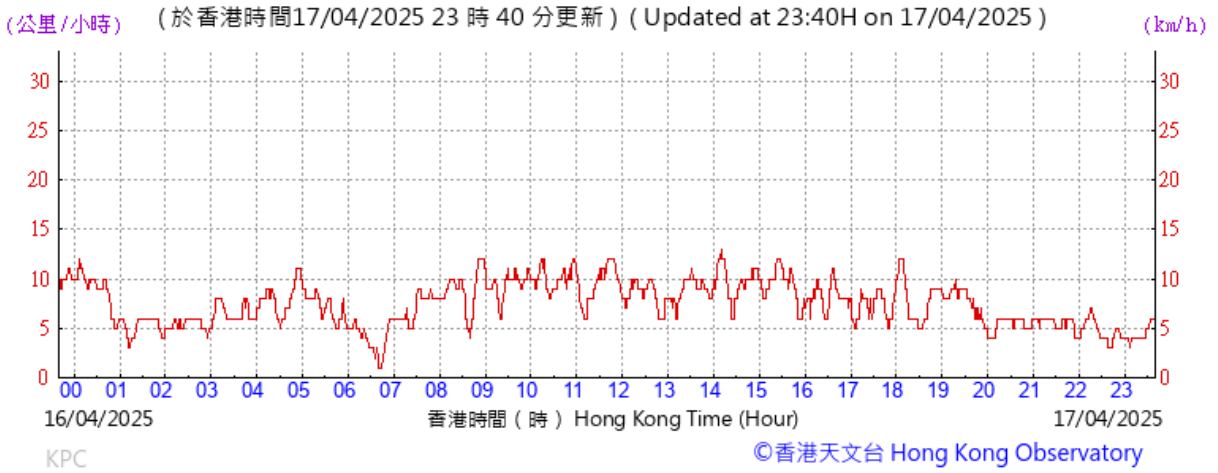

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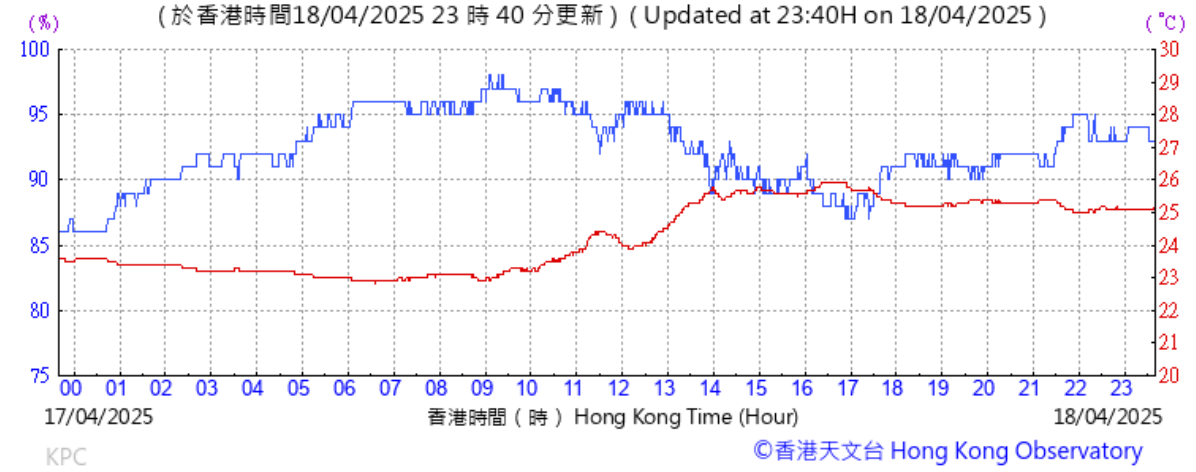

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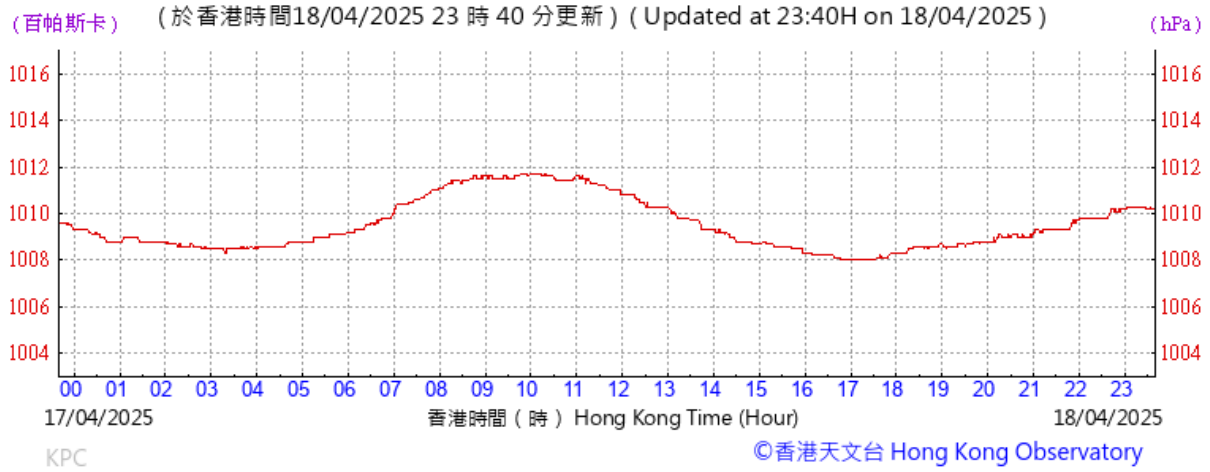

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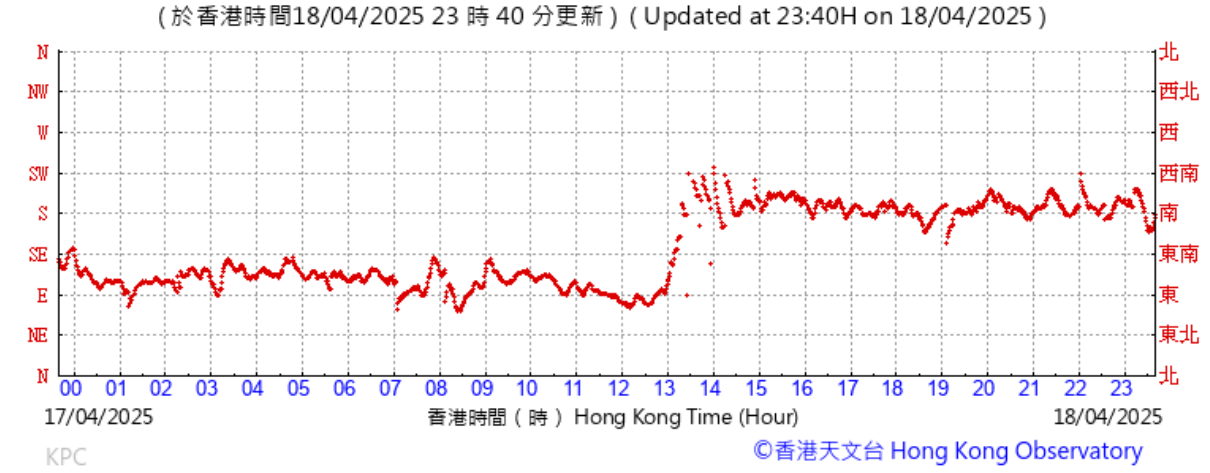

Wind Speed:

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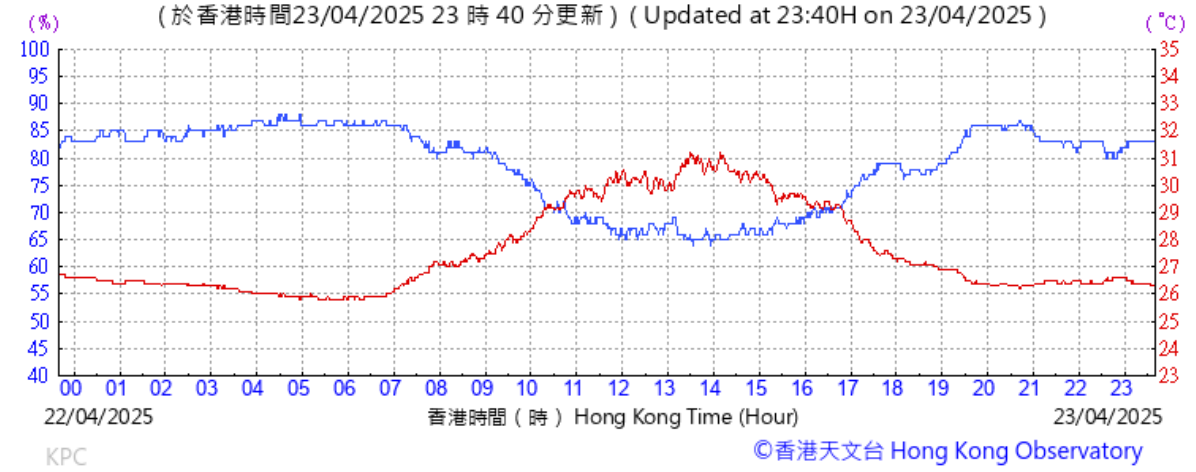

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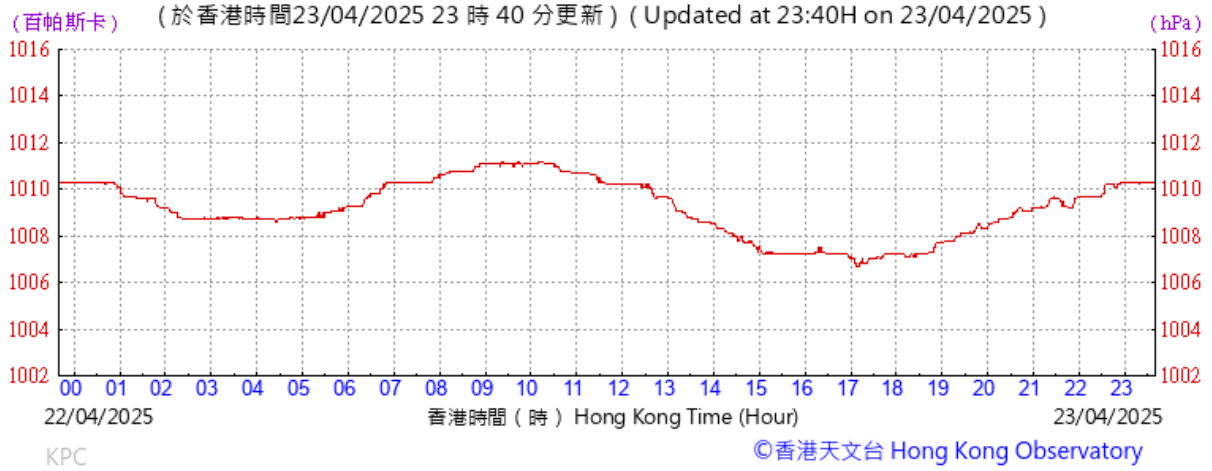

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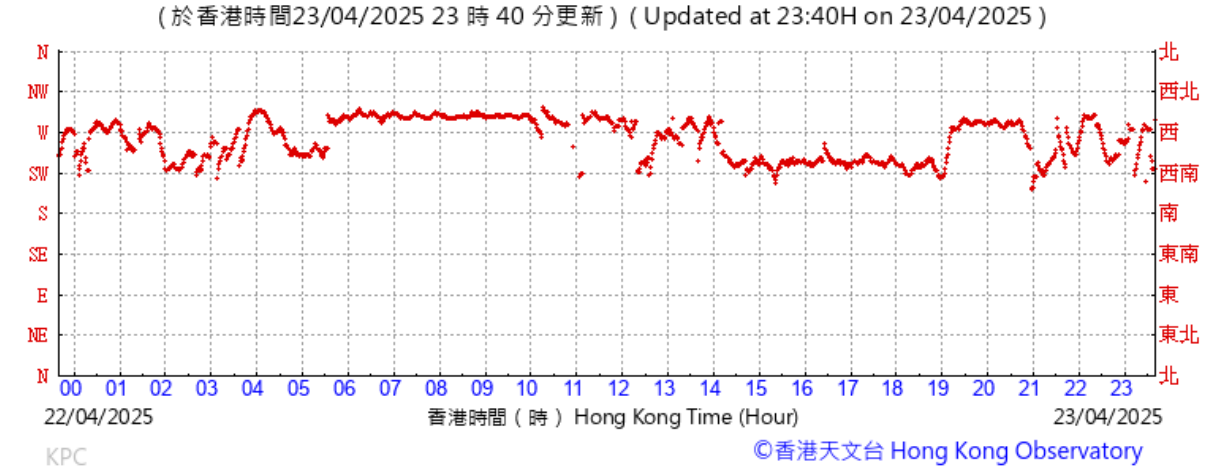

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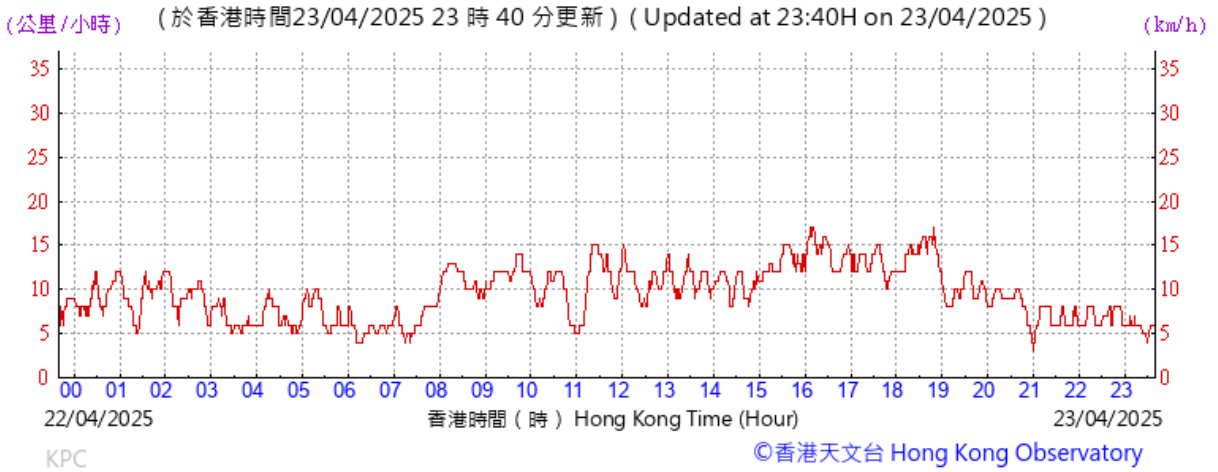

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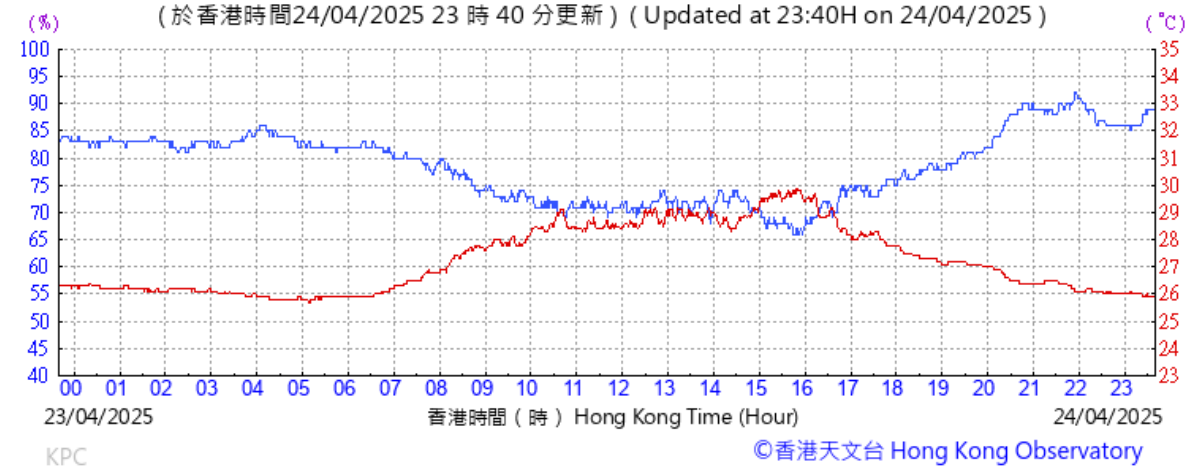

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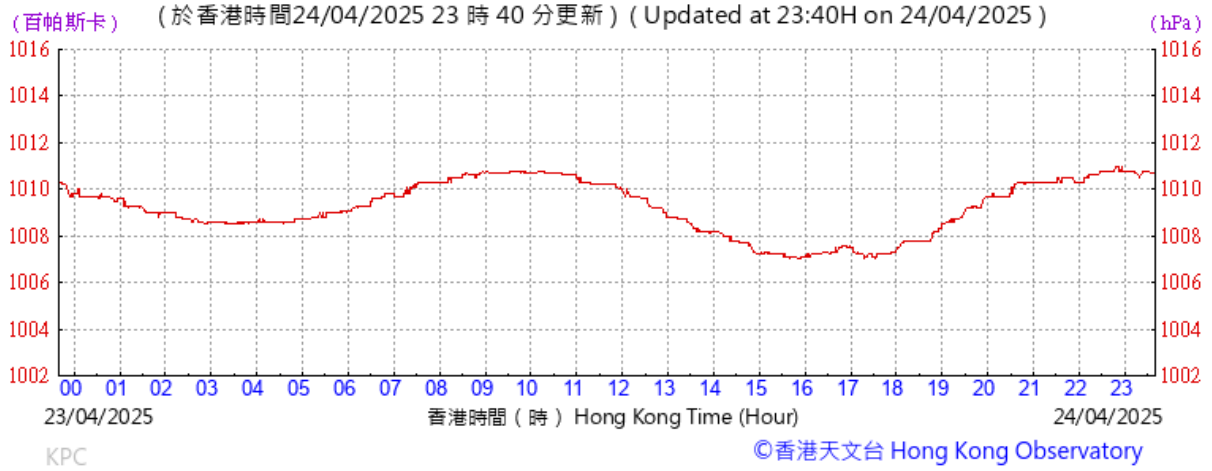

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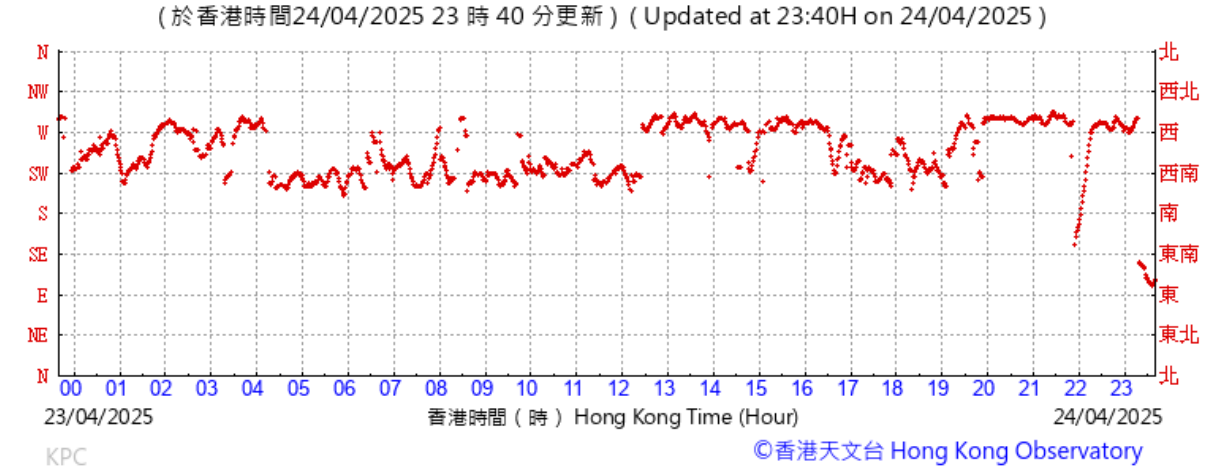

Wind Speed:

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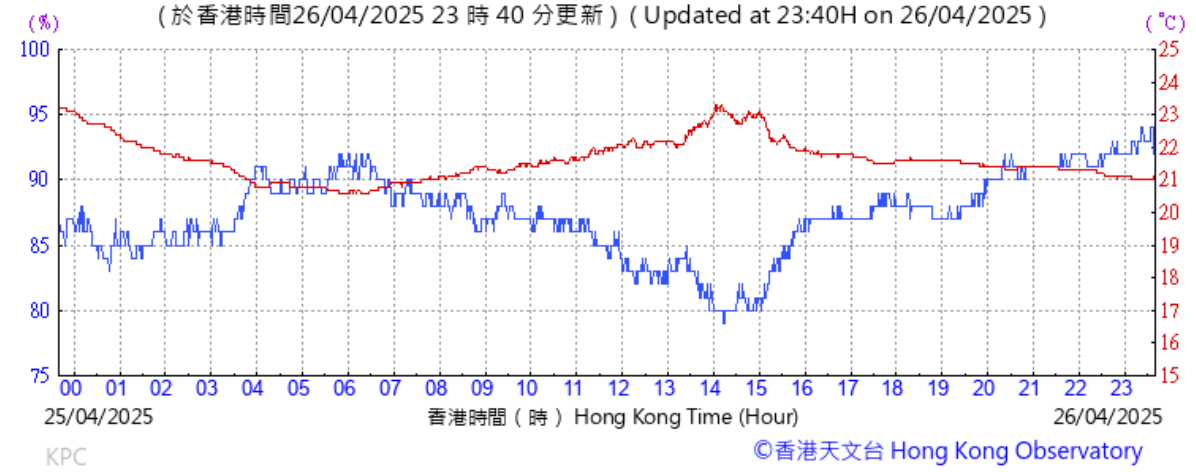

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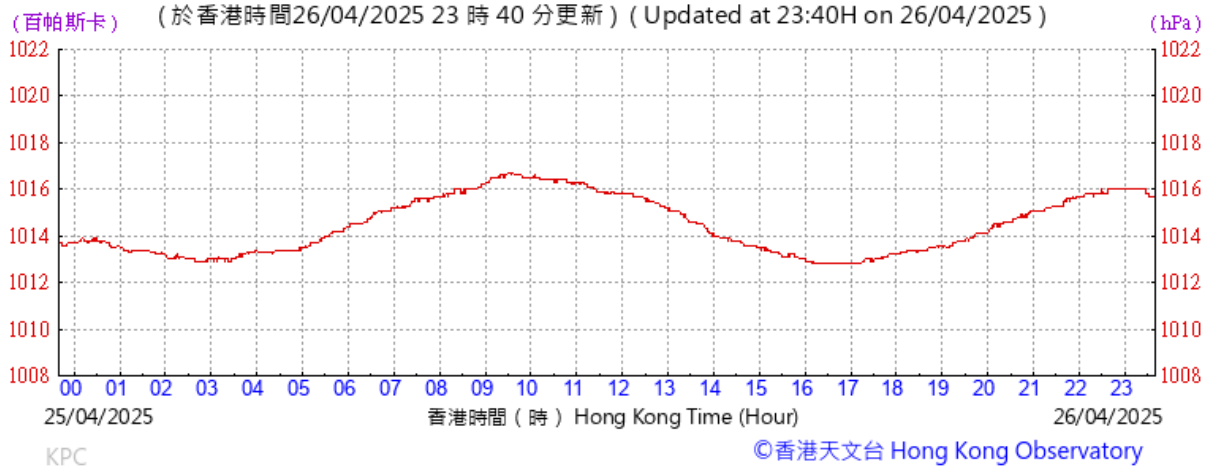

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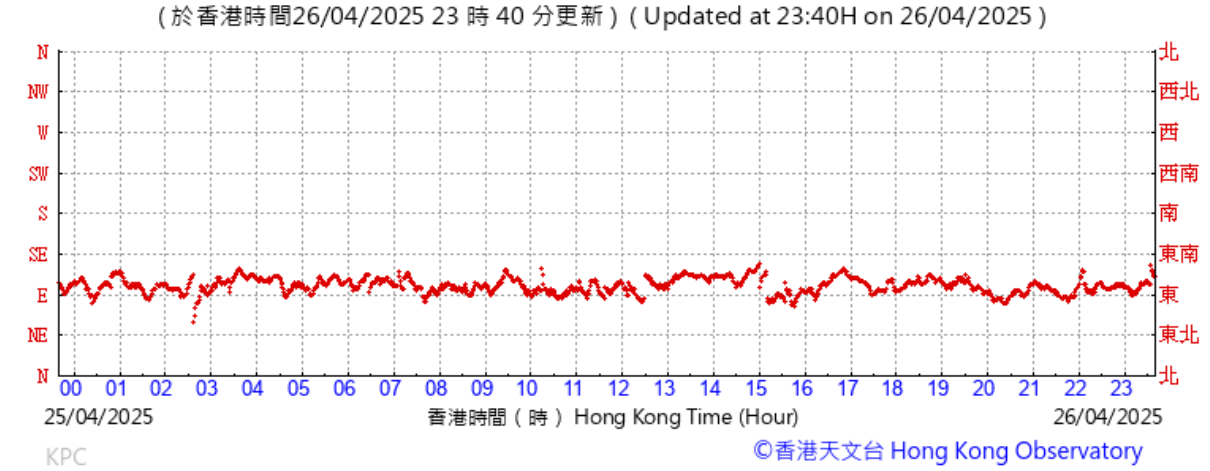

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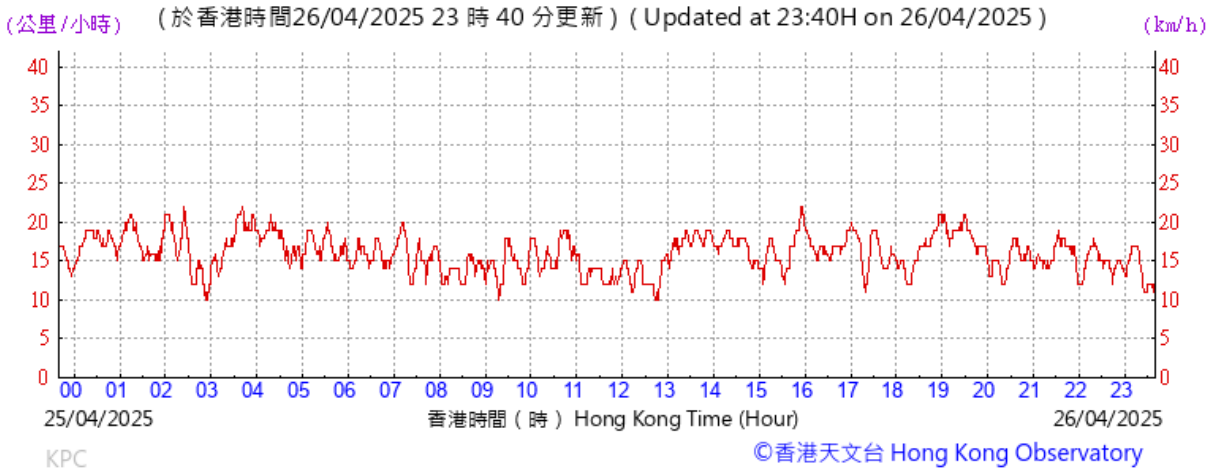

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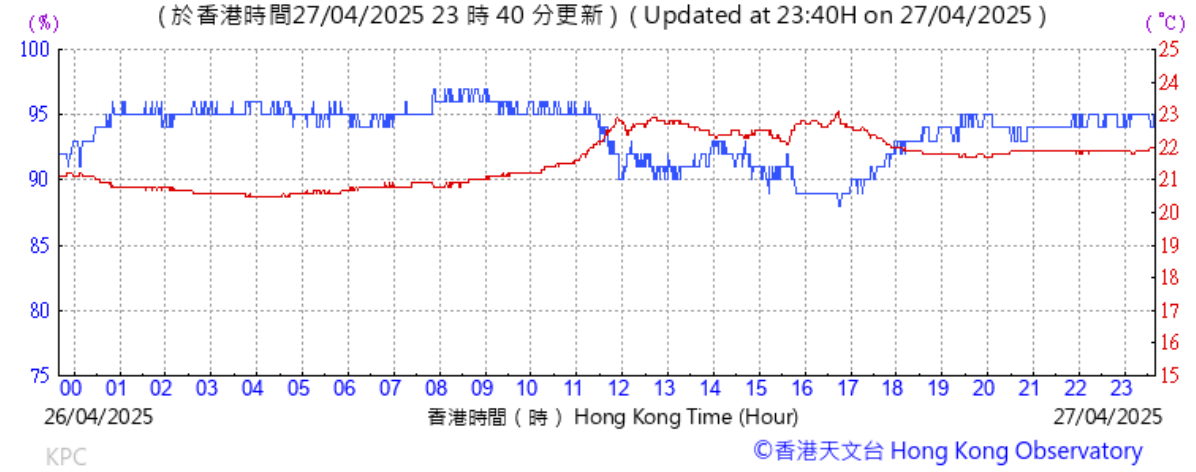

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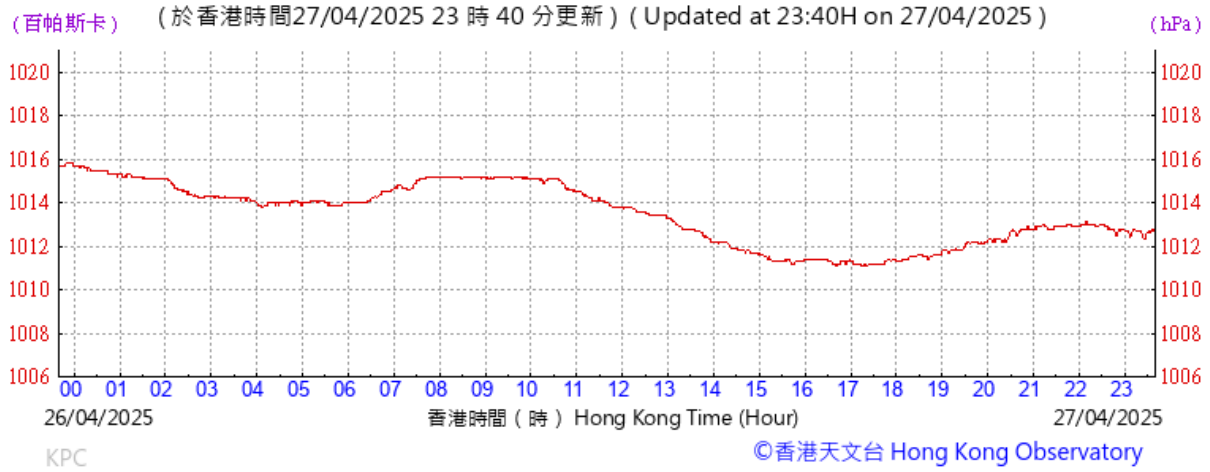

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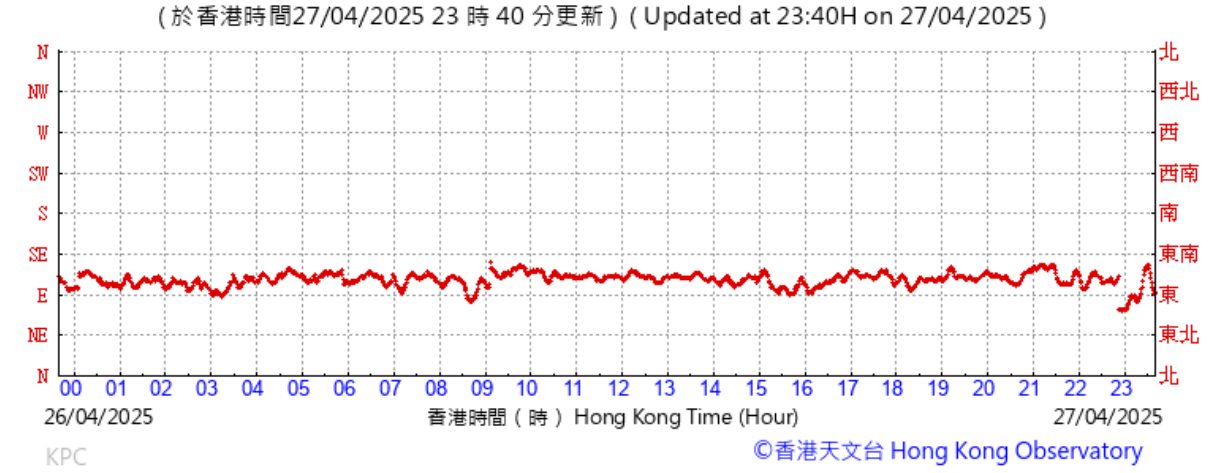

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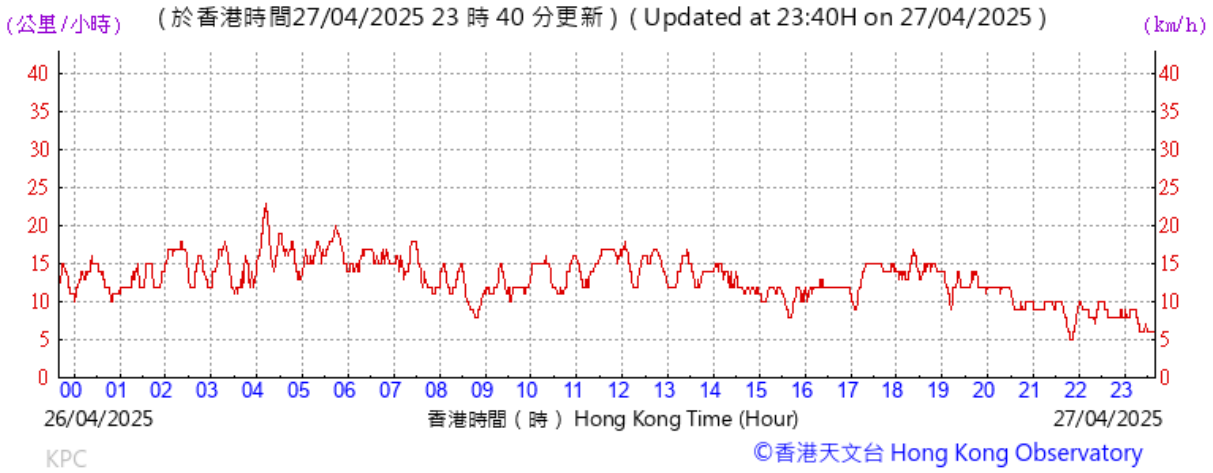
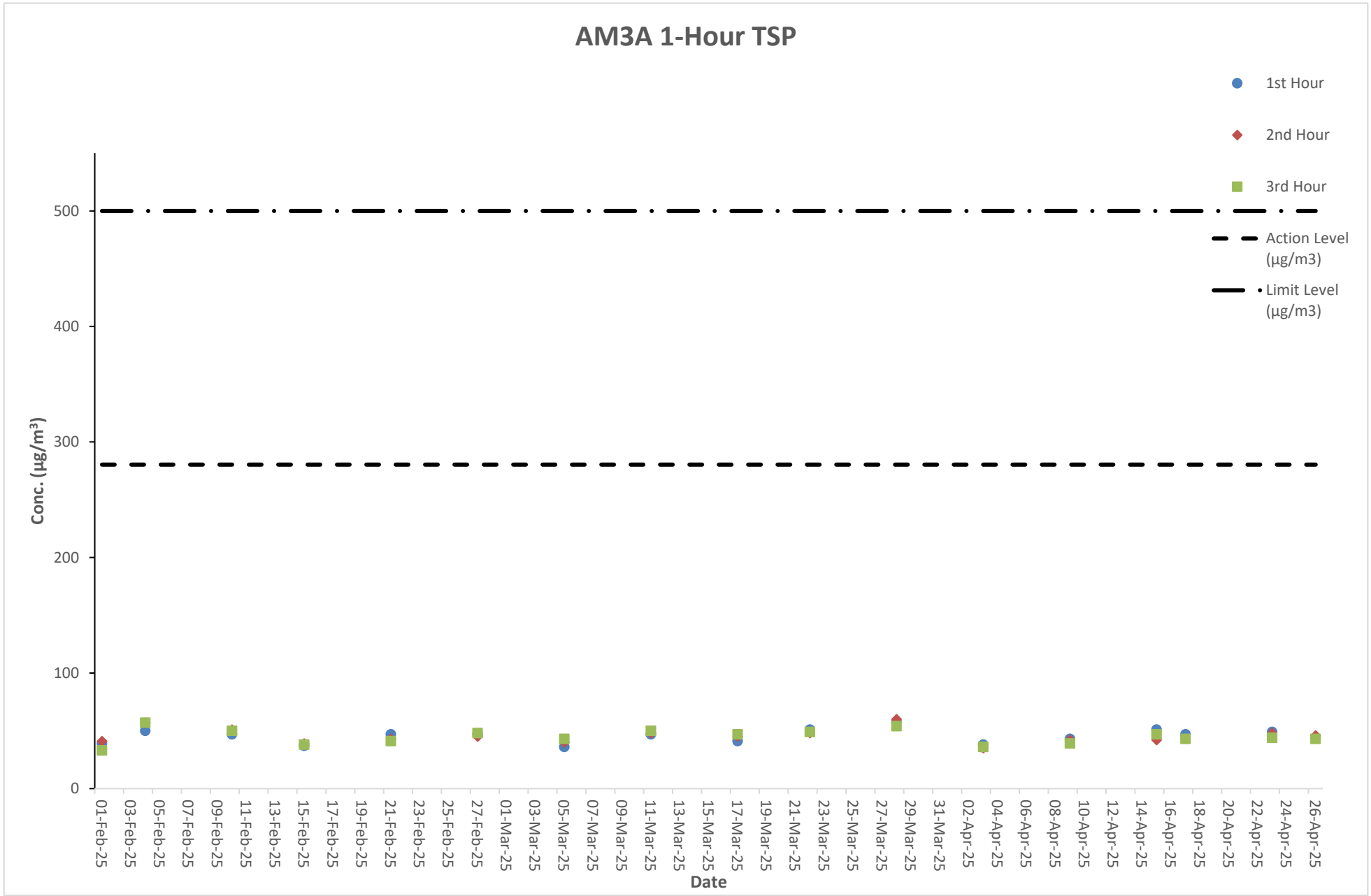


E. Graphical Plots of the Monitoring Results

Air Quality Monitoring Result at Station AM3A (1-hour TSP)

Date	Weather Condition	Time	Conc. (μg/m^3)			Action Level (μg/m^3)	Limit Level (μg/m^3)
			1st Hour	2nd Hour	3rd Hour		
01-Feb-25	Fine	14:08 - 17:08	39	41	33	280.4	500
04-Feb-25	Fine	08:01 - 11:01	50	57	57	280.4	500
10-Feb-25	Fine	14:05 - 17:05	47	51	50	280.4	500
15-Feb-25	Cloudy	08:00 - 11:00	37	39	38	280.4	500
21-Feb-25	Fine	14:09 - 17:09	47	43	41	280.4	500
27-Feb-25	Fine	08:03 - 11:03	47	45	48	280.4	500
05-Mar-25	Cloudy	14:02 - 17:02	36	40	43	280.4	500
11-Mar-25	Fine	08:04 - 11:04	47	48	50	280.4	500
17-Mar-25	Cloudy	14:09 - 17:09	41	45	47	280.4	500
22-Mar-25	Fine	08:05 - 11:05	51	48	49	280.4	500
28-Mar-25	Fine	14:02 - 17:02	58	60	54	280.4	500
03-Apr-25	Fine	08:00 - 11:00	38	35	36	280.4	500
09-Apr-25	Fine	14:05 - 17:05	43	42	39	280.4	500
15-Apr-25	Fine	08:07 - 11:07	47	49	42	280.4	500
17-Apr-25	Fine	14:03 - 17:03	47	43	43	280.4	500
23-Apr-25	Fine	08:02 - 11:02	49	48	44	280.4	500
26-Apr-25	Cloudy	14:08 - 17:08	44	46	43	280.4	500

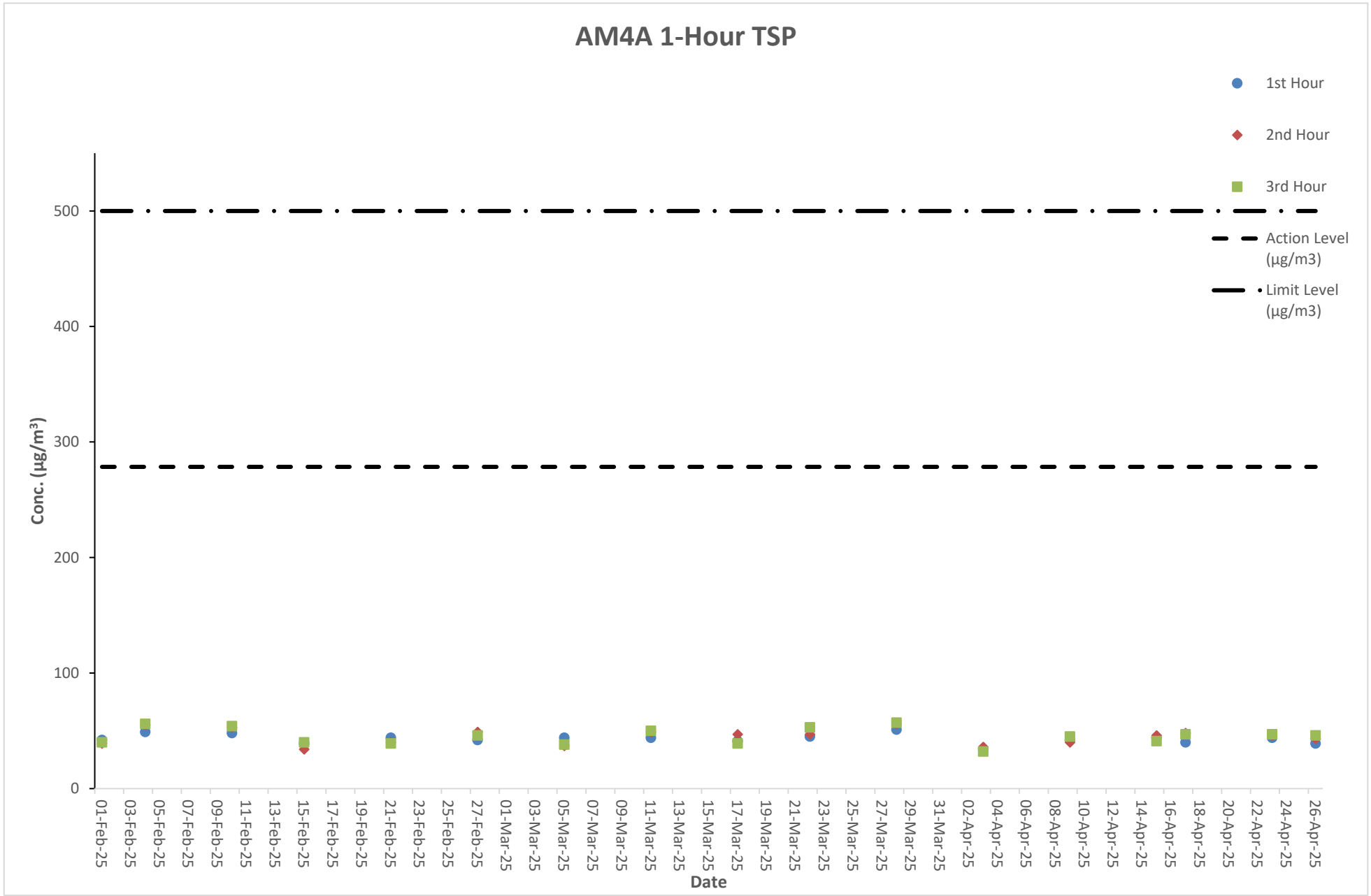
Graphical Presentation of Air Quality Monitoring Result at Station AM3A (1-hour TSP)



Air Quality Monitoring Result at Station AM4A (1-hour TSP)

Date	Weather Condition	Time	Conc. (μg/m^3)			Action Level (μg/m^3)	Limit Level (μg/m^3)
			1st Hour	2nd Hour	3rd Hour		
01-Feb-25	Fine	14:16 - 17:16	42	39	40	278.5	500
04-Feb-25	Fine	08:09 - 11:09	49	55	56	278.5	500
10-Feb-25	Fine	14:13 - 17:13	48	53	54	278.5	500
15-Feb-25	Cloudy	08:08 - 11:08	39	34	40	278.5	500
21-Feb-25	Fine	14:17 - 17:17	44	40	39	278.5	500
27-Feb-25	Fine	08:11 - 11:11	42	49	46	278.5	500
05-Mar-25	Cloudy	14:10 - 17:10	44	37	38	278.5	500
11-Mar-25	Fine	08:12 - 11:12	44	49	50	278.5	500
17-Mar-25	Cloudy	14:17 - 17:17	41	47	39	278.5	500
22-Mar-25	Fine	08:13 - 11:13	45	47	53	278.5	500
28-Mar-25	Fine	14:10 - 17:10	51	56	57	278.5	500
03-Apr-25	Fine	08:08 - 11:08	34	36	32	278.5	500
09-Apr-25	Fine	14:13 - 17:13	42	40	45	278.5	500
15-Apr-25	Fine	08:15 - 11:15	44	46	41	278.5	500
17-Apr-25	Fine	14:11 - 17:11	40	48	47	278.5	500
23-Apr-25	Fine	08:10 - 11:10	44	46	47	278.5	500
26-Apr-25	Cloudy	14:13 - 17:13	39	43	46	278.5	500

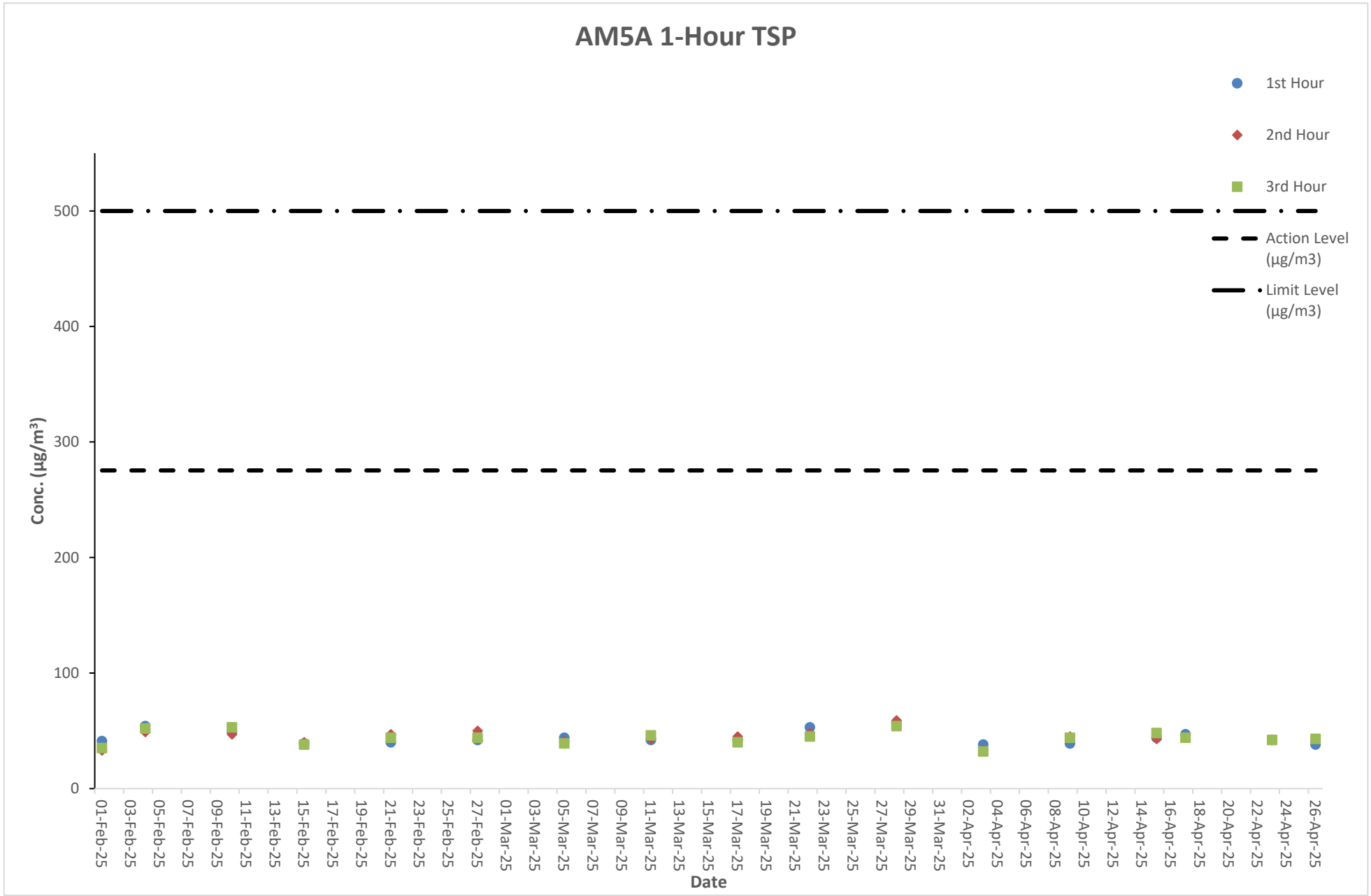
Graphical Presentation of Air Quality Monitoring Result at Station AM4A (1-hour TSP)



Air Quality Monitoring Result at Station AM5A (1-hour TSP)

Date	Weather Condition	Time	Conc. (μg/m^3)			Action Level (μg/m^3)	Limit Level (μg/m^3)
			1st Hour	2nd Hour	3rd Hour		
01-Feb-25	Fine	14:31 - 17:31	41	33	35	275.4	500
04-Feb-25	Fine	08:26 - 11:26	54	49	52	275.4	500
10-Feb-25	Fine	14:28 - 17:28	49	47	53	275.4	500
15-Feb-25	Cloudy	08:25 - 11:25	39	40	38	275.4	500
21-Feb-25	Fine	14:32 - 17:32	40	47	44	275.4	500
27-Feb-25	Fine	08:28 - 11:28	42	50	44	275.4	500
05-Mar-25	Cloudy	14:25 - 17:25	44	41	39	275.4	500
11-Mar-25	Fine	08:29 - 11:29	42	43	46	275.4	500
17-Mar-25	Cloudy	14:32 - 17:32	42	45	40	275.4	500
22-Mar-25	Fine	08:30 - 11:30	53	48	45	275.4	500
28-Mar-25	Fine	14:25 - 17:25	57	59	54	275.4	500
03-Apr-25	Fine	09:23 - 15:30	38	33	32	275.4	500
09-Apr-25	Fine	15:30 - 09:30	39	45	44	275.4	500
15-Apr-25	Fine	09:30 - 15:28	44	43	48	275.4	500
17-Apr-25	Fine	15:28 - 09:25	47	41	44	275.4	500
23-Apr-25	Fine	09:25 - 15:30	42	51	42	275.4	500
26-Apr-25	Cloudy	14:30 - 17:30	38	39	43	275.4	500

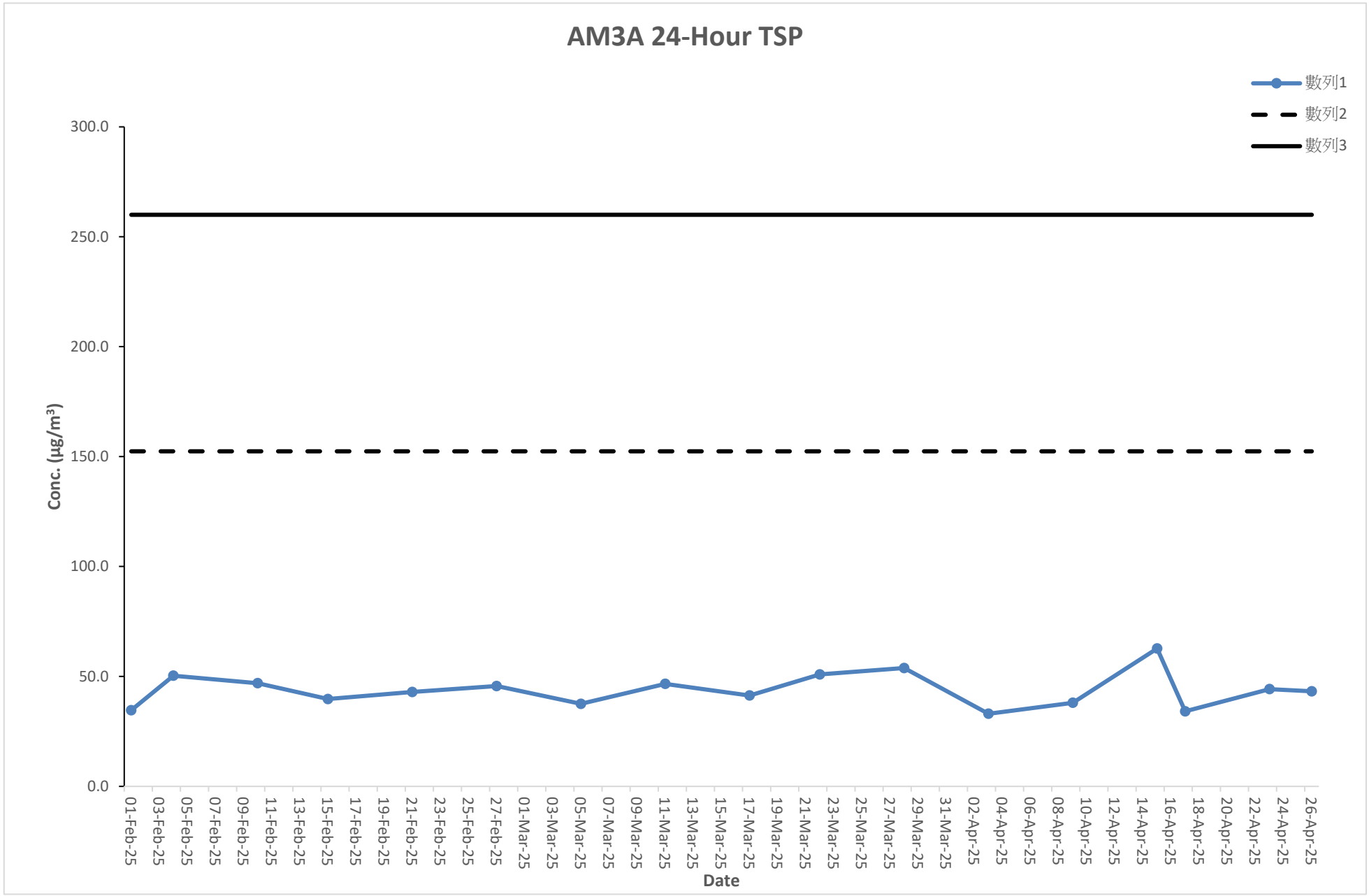
Graphical Presentation of Air Quality Monitoring Result at Station AM5A (1-hour TSP)



Air Quality Monitoring Result at Station AM3A (24-hour TSP)

Start		Finish		Filter Weight (g)		Elapsed Time Reading		Sampling	Flow Rate (m^3/min)			Conc.	Weather	Action	Limit
Date	Time	Date	Time	Initial	Final	Initial	Final	Time (hrs)	Initial	Final	Average	($\mu g/m^3$)	Condition	Level	Level
01-Feb-25	10:00AM	02-Feb-25	10:00AM	2.8033	2.8589	7891.8	7915.8	24	1.12	1.12	1.12	34.6	Rainy	152.4	260
04-Feb-25	10:00AM	05-Feb-25	10:00AM	2.8063	2.8872	7915.8	7939.8	24	1.12	1.12	1.12	50.3	Sunny	152.4	260
10-Feb-25	10:00AM	11-Feb-25	10:00AM	2.8058	2.8813	7939.8	7963.8	24	1.12	1.12	1.12	46.9	Sunny	152.4	260
15-Feb-25	10:00AM	16-Feb-25	10:00AM	2.8024	2.8663	7963.8	7987.8	24	1.12	1.12	1.12	39.7	Sunny	152.4	260
21-Feb-25	10:00AM	22-Feb-25	10:00AM	2.8081	2.8771	7987.8	8011.8	24	1.12	1.12	1.12	42.9	Sunny	152.4	260
27-Feb-25	10:00AM	28-Feb-25	10:00AM	2.8057	2.8791	8011.8	8035.8	24	1.12	1.12	1.12	45.6	Sunny	152.4	260
05-Mar-25	10:00AM	06-Mar-25	10:00AM	2.8055	2.8659	8036.8	8060.8	24	1.12	1.12	1.12	37.5	Rainy	152.4	260
11-Mar-25	10:00AM	12-Mar-25	10:00AM	2.8086	2.8835	8060.8	8084.8	24	1.12	1.12	1.12	46.6	Cloudy	152.4	260
17-Mar-25	10:00AM	18-Mar-25	10:00AM	2.8072	2.8736	8084.8	8108.8	24	1.12	1.12	1.12	41.3	Sunny	152.4	260
22-Mar-25	10:00AM	23-Mar-25	10:00AM	2.8018	2.8837	8108.8	8132.8	24	1.12	1.12	1.12	50.9	Sunny	152.4	260
28-Mar-25	10:00AM	29-Mar-25	10:00AM	2.8062	2.8928	8132.8	8156.8	24	1.12	1.12	1.12	53.8	Rainy	152.4	260
03-Apr-25	10:00AM	04-Apr-25	10:00AM	2.8036	2.8568	8156.8	8180.8	24	1.12	1.12	1.12	33.0	Sunny	152.4	260
09-Apr-25	10:00AM	10-Apr-25	10:00AM	2.8082	2.8694	8180.8	8204.8	24	1.12	1.12	1.12	38.0	Cloudy	152.4	260
15-Apr-25	10:00AM	16-Apr-25	10:00AM	2.8077	2.9087	8204.8	8228.8	24	1.12	1.12	1.12	62.7	Sunny	152.4	260
17-Apr-25	10:00AM	18-Apr-25	10:00AM	2.8035	2.8583	8228.8	8252.8	24	1.12	1.12	1.12	34.1	Sunny	152.4	260
23-Apr-25	10:00AM	24-Apr-25	10:00AM	2.8021	2.8733	8252.8	8276.8	24	1.12	1.12	1.12	44.2	Sunny	152.4	260
26-Apr-25	10:00AM	27-Apr-25	10:00AM	2.8064	2.8760	8276.8	8300.8	24	1.12	1.12	1.12	43.2	Cloudy	152.4	260

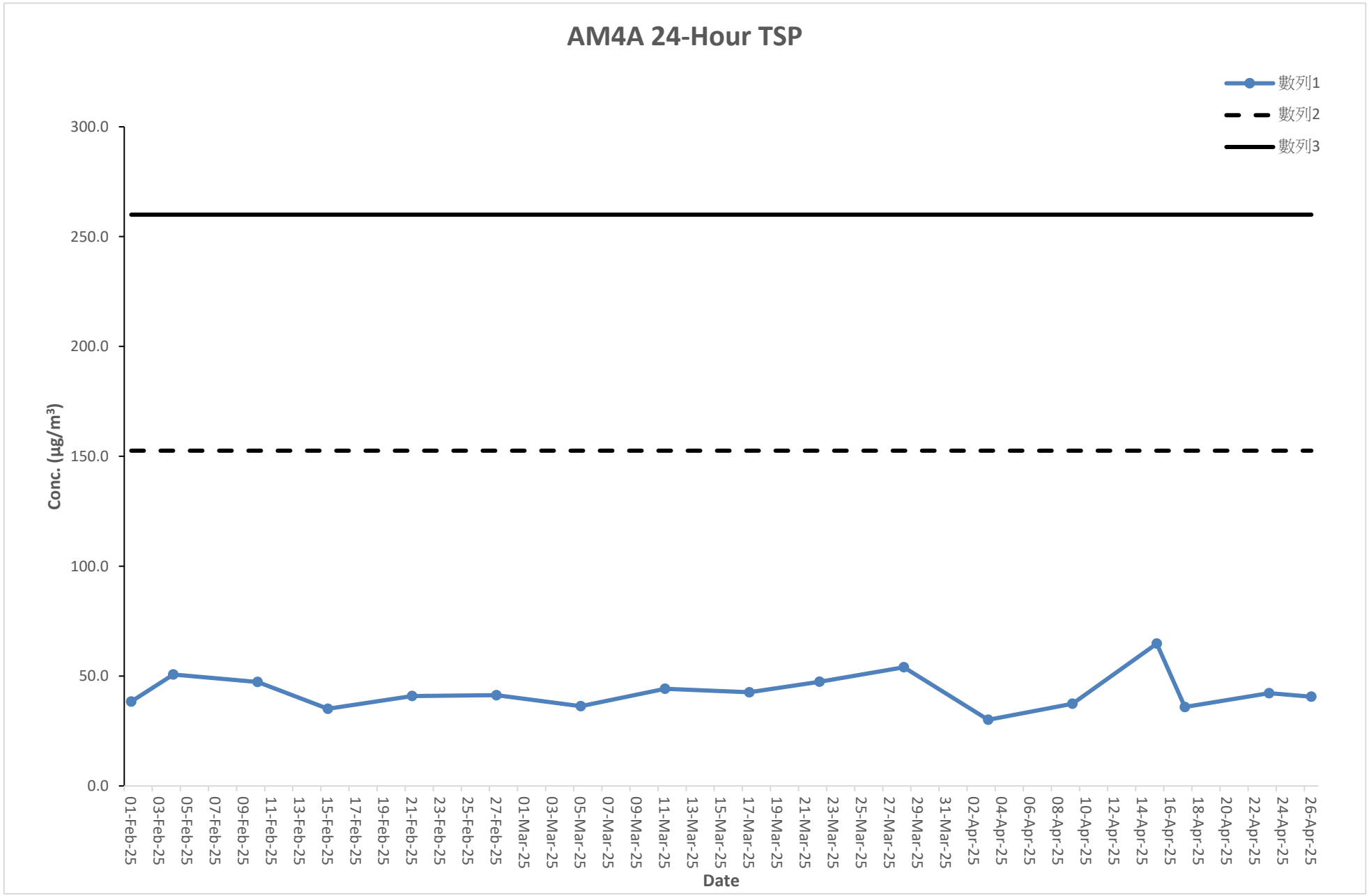
Graphical Presentation of Air Quality Monitoring Result at Station AM3A (24-hour TSP)



Air Quality Monitoring Result at Station AM4A (24-hour TSP)

Start		Finish		Filter Weight (g)		Elapsed Time Reading		Sampling Time (hrs)	Flow Rate (m^3/min)			Conc. ($\mu g/m^3$)	Weather Condition	Action Level	Limit Level
Date	Time	Date	Time	Initial	Final	Initial	Final		Initial	Final	Average				
01-Feb-25	10:00AM	02-Feb-25	10:00AM	2.8058	2.8676	8311.4	8335.4	24	1.12	1.12	1.12	38.4	Rainy	152.6	260
04-Feb-25	10:00AM	05-Feb-25	10:00AM	2.8069	2.8885	8335.4	8359.4	24	1.12	1.12	1.12	50.7	Sunny	152.6	260
10-Feb-25	10:00AM	11-Feb-25	10:00AM	2.8023	2.8783	8359.4	8383.4	24	1.12	1.12	1.12	47.3	Sunny	152.6	260
15-Feb-25	10:00AM	16-Feb-25	10:00AM	2.8080	2.8645	8383.4	8407.4	24	1.12	1.12	1.12	35.1	Sunny	152.6	260
21-Feb-25	10:00AM	22-Feb-25	10:00AM	2.8083	2.8742	8407.4	8431.4	24	1.12	1.12	1.12	40.9	Sunny	152.6	260
27-Feb-25	10:00AM	28-Feb-25	10:00AM	2.8013	2.8678	8431.4	8455.4	24	1.12	1.12	1.12	41.3	Sunny	152.6	260
05-Mar-25	10:00AM	06-Mar-25	10:00AM	2.8066	2.8649	8456.4	8480.4	24	1.12	1.12	1.12	36.3	Rainy	152.6	260
11-Mar-25	10:00AM	12-Mar-25	10:00AM	2.8082	2.8793	8480.4	8504.4	24	1.12	1.12	1.12	44.2	Cloudy	152.6	260
17-Mar-25	10:00AM	18-Mar-25	10:00AM	2.8054	2.8739	8504.4	8528.4	24	1.12	1.12	1.12	42.6	Sunny	152.6	260
22-Mar-25	10:00AM	23-Mar-25	10:00AM	2.8036	2.8798	8528.4	8552.4	24	1.12	1.12	1.12	47.4	Sunny	152.6	260
28-Mar-25	10:00AM	29-Mar-25	10:00AM	2.8062	2.8931	8552.4	8576.4	24	1.12	1.12	1.12	54.0	Rainy	152.6	260
03-Apr-25	10:00AM	04-Apr-25	10:00AM	2.8076	2.8561	8576.4	8600.4	24	1.12	1.12	1.12	30.1	Sunny	152.6	260
09-Apr-25	10:00AM	10-Apr-25	10:00AM	2.8065	2.8667	8600.4	8624.4	24	1.12	1.12	1.12	37.4	Cloudy	152.6	260
15-Apr-25	10:00AM	16-Apr-25	10:00AM	2.8089	2.9132	8624.4	8648.4	24	1.12	1.12	1.12	64.8	Sunny	152.6	260
17-Apr-25	10:00AM	18-Apr-25	10:00AM	2.8077	2.8655	8648.4	8672.4	24	1.12	1.12	1.12	35.9	Sunny	152.6	260
23-Apr-25	10:00AM	24-Apr-25	10:00AM	2.8038	2.8718	8672.4	8696.4	24	1.12	1.12	1.12	42.2	Sunny	152.6	260
26-Apr-25	10:00AM	27-Apr-25	10:00AM	2.8011	2.8664	8696.4	8720.4	24	1.12	1.12	1.12	40.6	Cloudy	152.6	260

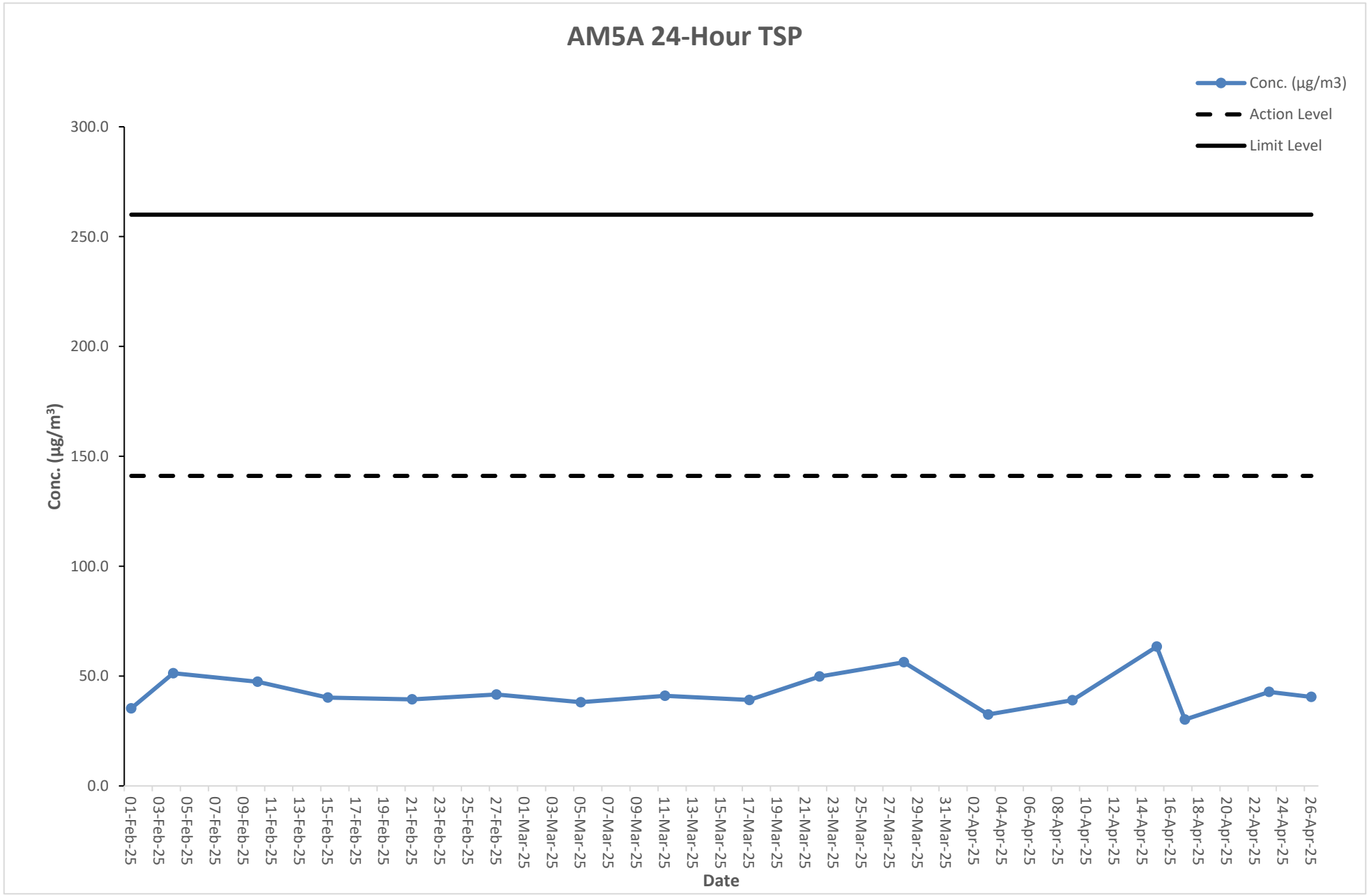
Graphical Presentation of Air Quality Monitoring Result at Station AM4A (24-hour TSP)



Air Quality Monitoring Result at Station AM5A (24-hour TSP)

Start		Finish		Filter Weight (g)		Elapsed Time Reading		Sampling Time (hrs)	Flow Rate (m^3/min)			Conc. ($\mu g/m^3$)	Weather Condition	Action Level	Limit Level
Date	Time	Date	Time	Initial	Final	Initial	Final		Initial	Final	Average				
01-Feb-25	10:00AM	02-Feb-25	10:00AM	2.8053	2.8621	8449.6	8473.6	24	1.12	1.12	1.12	35.3	Rainy	141.1	260
04-Feb-25	10:00AM	05-Feb-25	10:00AM	2.8029	2.8855	8473.6	8497.6	24	1.12	1.12	1.12	51.3	Sunny	141.1	260
10-Feb-25	10:00AM	11-Feb-25	10:00AM	2.8029	2.8791	8497.6	8521.6	24	1.12	1.12	1.12	47.4	Sunny	141.1	260
15-Feb-25	10:00AM	16-Feb-25	10:00AM	2.8059	2.8706	8521.6	8545.6	24	1.12	1.12	1.12	40.2	Sunny	141.1	260
21-Feb-25	10:00AM	22-Feb-25	10:00AM	2.8033	2.8667	8545.6	8569.6	24	1.12	1.12	1.12	39.4	Sunny	141.1	260
27-Feb-25	10:00AM	28-Feb-25	10:00AM	2.8071	2.8741	8569.6	8593.6	24	1.12	1.12	1.12	41.6	Sunny	141.1	260
05-Mar-25	10:00AM	06-Mar-25	10:00AM	2.8074	2.8688	8594.6	8618.6	24	1.12	1.12	1.12	38.1	Rainy	141.1	260
11-Mar-25	10:00AM	12-Mar-25	10:00AM	2.8076	2.8735	8618.6	8642.6	24	1.12	1.12	1.12	41.0	Cloudy	141.1	260
17-Mar-25	10:00AM	18-Mar-25	10:00AM	2.8056	2.8685	8642.6	8666.6	24	1.12	1.12	1.12	39.1	Sunny	141.1	260
22-Mar-25	10:00AM	23-Mar-25	10:00AM	2.8049	2.8850	8666.6	8690.6	24	1.12	1.12	1.12	49.8	Sunny	141.1	260
28-Mar-25	10:00AM	29-Mar-25	10:00AM	2.8069	2.8976	8690.6	8714.6	24	1.12	1.12	1.12	56.3	Rainy	141.1	260
03-Apr-25	10:00AM	04-Apr-25	10:00AM	2.8042	2.8565	8714.6	8738.6	24	1.12	1.12	1.12	32.5	Sunny	141.1	260
09-Apr-25	10:00AM	10-Apr-25	10:00AM	2.8065	2.8693	8738.6	8762.6	24	1.12	1.12	1.12	39.0	Cloudy	141.1	260
15-Apr-25	10:00AM	16-Apr-25	10:00AM	2.8059	2.9079	8762.6	8786.6	24	1.12	1.12	1.12	63.4	Sunny	141.1	260
17-Apr-25	10:00AM	18-Apr-25	10:00AM	2.8014	2.8501	8786.6	8810.6	24	1.12	1.12	1.12	30.2	Sunny	141.1	260
23-Apr-25	10:00AM	24-Apr-25	10:00AM	2.8080	2.8770	8810.6	8834.6	24	1.12	1.12	1.12	42.8	Sunny	141.1	260
26-Apr-25	10:00AM	27-Apr-25	10:00AM	2.8086	2.8737	8834.6	8858.6	24	1.12	1.12	1.12	40.5	Cloudy	141.1	260

Graphical Presentation of Air Quality Monitoring Result at Station AM5A (24-hour TSP)



Noise Monitoring Result at Station NM2A

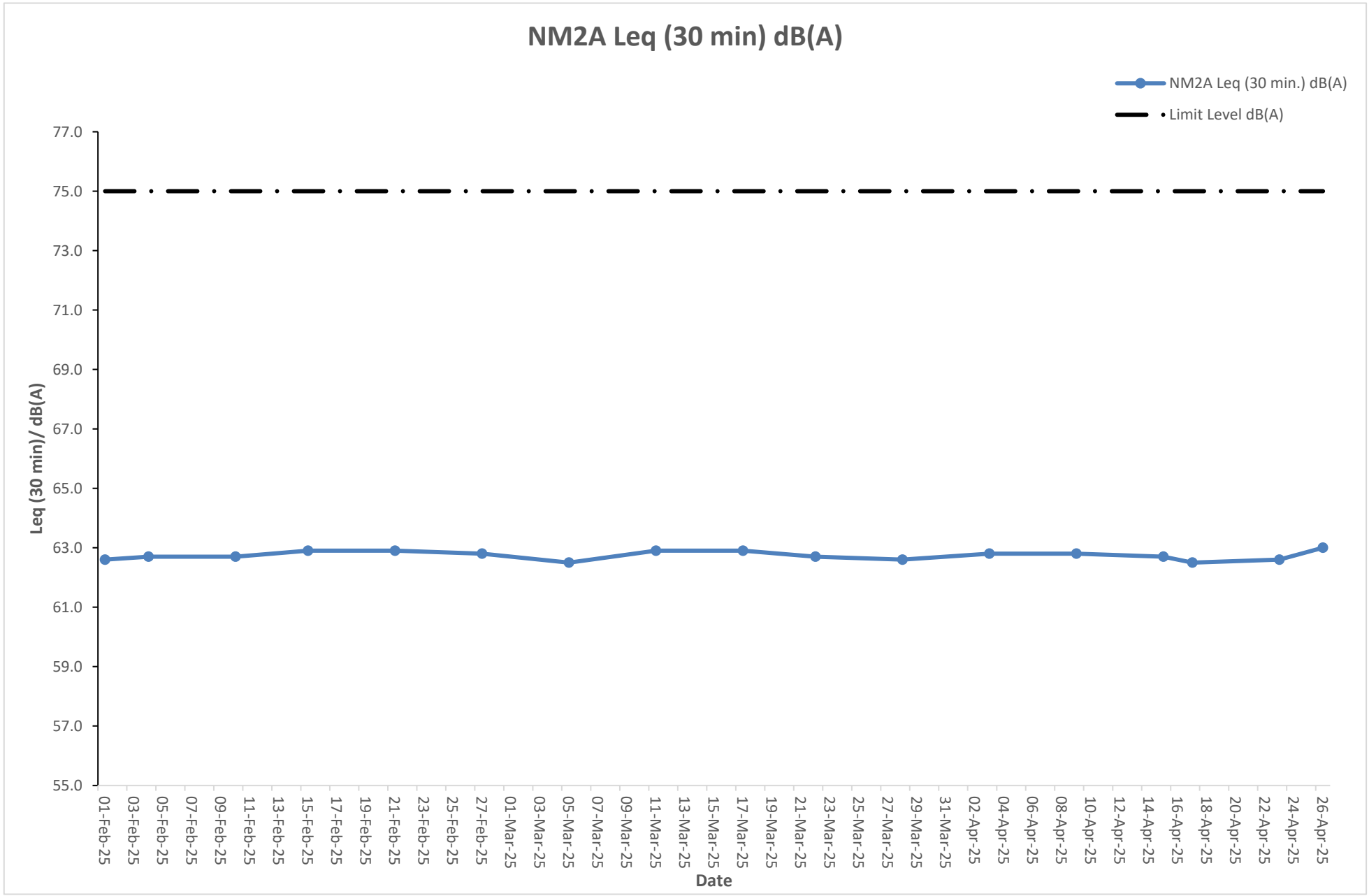
Date	Time	Measured L10 dB(A)	Measured L90 dB(A)	Leq (30 min.) dB(A)
01-Feb-25	14:08	64.2	60.2	62.6
01-Feb-25	14:13	64.7	60.3	
01-Feb-25	14:18	64.7	61.3	
01-Feb-25	14:23	63.6	60.5	
01-Feb-25	14:28	64.9	60.4	
01-Feb-25	14:33	64.9	60.9	
04-Feb-25	8:01	64.0	61.6	62.7
04-Feb-25	8:06	64.1	60.8	
04-Feb-25	8:11	64.2	61.6	
04-Feb-25	8:16	63.7	60.5	
04-Feb-25	8:21	63.9	60.7	
04-Feb-25	8:26	64.4	61.5	
10-Feb-25	14:05	63.7	61.3	62.7
10-Feb-25	14:10	64.7	60.7	
10-Feb-25	14:15	63.6	60.8	
10-Feb-25	14:20	64.7	60.8	
10-Feb-25	14:25	64.2	61.5	
10-Feb-25	14:30	64.9	60.9	
15-Feb-25	8:00	64.9	61.3	62.9
15-Feb-25	8:05	64.4	60.4	
15-Feb-25	8:10	63.8	60.2	
15-Feb-25	8:15	64.8	60.3	
15-Feb-25	8:20	63.8	61.0	
15-Feb-25	8:25	64.4	61.4	
21-Feb-25	14:09	63.8	61.3	62.9
21-Feb-25	14:14	64.0	60.9	
21-Feb-25	14:19	64.5	60.3	
21-Feb-25	14:24	64.3	60.5	
21-Feb-25	14:29	64.6	61.6	
21-Feb-25	14:34	63.9	61.2	
27-Feb-25	8:03	64.5	61.4	62.8
27-Feb-25	8:08	64.0	60.2	
27-Feb-25	8:13	63.7	60.5	
27-Feb-25	8:18	64.7	60.7	
27-Feb-25	8:23	64.1	61.6	
27-Feb-25	8:28	63.6	61.2	
05-Mar-25	14:02	65.0	61.1	62.5
05-Mar-25	14:07	64.6	60.7	
05-Mar-25	14:12	64.7	60.8	
05-Mar-25	14:17	64.5	60.6	
05-Mar-25	14:22	64.0	60.5	
05-Mar-25	14:27	64.1	61.2	
11-Mar-25	8:04	64.6	61.5	62.9
11-Mar-25	8:09	64.1	60.2	
11-Mar-25	8:14	64.6	61.2	
11-Mar-25	8:19	65.0	61.2	
11-Mar-25	8:24	64.3	60.6	
11-Mar-25	8:29	64.4	61.5	
17-Mar-25	14:09	64.1	60.4	62.9
17-Mar-25	14:14	63.9	61.1	
17-Mar-25	14:19	64.2	61.6	
17-Mar-25	14:24	64.4	60.8	
17-Mar-25	14:29	63.6	60.9	
17-Mar-25	14:34	63.7	61.4	
22-Mar-25	8:05	64.9	61.2	62.7
22-Mar-25	8:10	64.9	61.5	
22-Mar-25	8:15	63.9	60.5	
22-Mar-25	8:20	64.8	60.3	
22-Mar-25	8:25	64.6	61.4	
22-Mar-25	8:30	63.7	61.0	
28-Mar-25	14:02	64.5	61.2	62.6
28-Mar-25	14:07	64.6	61.2	
28-Mar-25	14:12	64.7	61.0	
28-Mar-25	14:17	64.0	60.5	
28-Mar-25	14:22	64.9	60.4	
28-Mar-25	14:27	64.8	61.4	
03-Apr-25	8:00	64.2	60.3	62.8
03-Apr-25	8:05	65.0	60.3	
03-Apr-25	8:10	64.5	60.8	
03-Apr-25	8:15	64.0	61.3	

Noise Monitoring Result at Station NM2A

Date	Time	Measured L10 dB(A)	Measured L90 dB(A)	Leq (30 min.) dB(A)
03-Apr-25	8:20	64.8	61.4	
03-Apr-25	8:25	64.9	61.4	
09-Apr-25	14:05	64.5	61.6	
09-Apr-25	14:10	64.2	60.6	
09-Apr-25	14:15	64.9	60.9	62.8
09-Apr-25	14:20	65.0	60.4	
09-Apr-25	14:25	64.6	61.5	
09-Apr-25	14:30	63.6	61.4	
15-Apr-25	8:07	64.5	60.8	
15-Apr-25	8:12	63.8	61.5	
15-Apr-25	8:17	63.7	61.1	62.7
15-Apr-25	8:22	64.7	60.7	
15-Apr-25	8:27	64.4	60.4	
15-Apr-25	8:32	64.1	61.3	
17-Apr-25	14:03	64.5	60.3	
17-Apr-25	14:08	64.6	61.5	
17-Apr-25	14:13	65.0	61.0	62.5
17-Apr-25	14:18	64.7	61.2	
17-Apr-25	14:23	65.0	60.9	
17-Apr-25	14:28	64.2	61.3	
23-Apr-25	8:02	64.4	61.4	
23-Apr-25	8:07	64.8	60.3	
23-Apr-25	8:12	64.2	60.6	62.6
23-Apr-25	8:17	65.0	61.5	
23-Apr-25	8:22	63.6	60.8	
23-Apr-25	8:27	64.6	60.5	
26-Apr-25	14:05	63.6	60.4	
26-Apr-25	14:10	64.1	60.3	
26-Apr-25	14:15	63.9	60.7	63.0
26-Apr-25	14:20	63.6	60.2	
26-Apr-25	14:25	64.1	60.6	
26-Apr-25	14:30	64.2	61.2	

The station set-up of a façade measurement at station NM2A.

Graphical Presentation of Noise Monitoring Result at Station NM2A



Noise Monitoring Result at Station NM3A

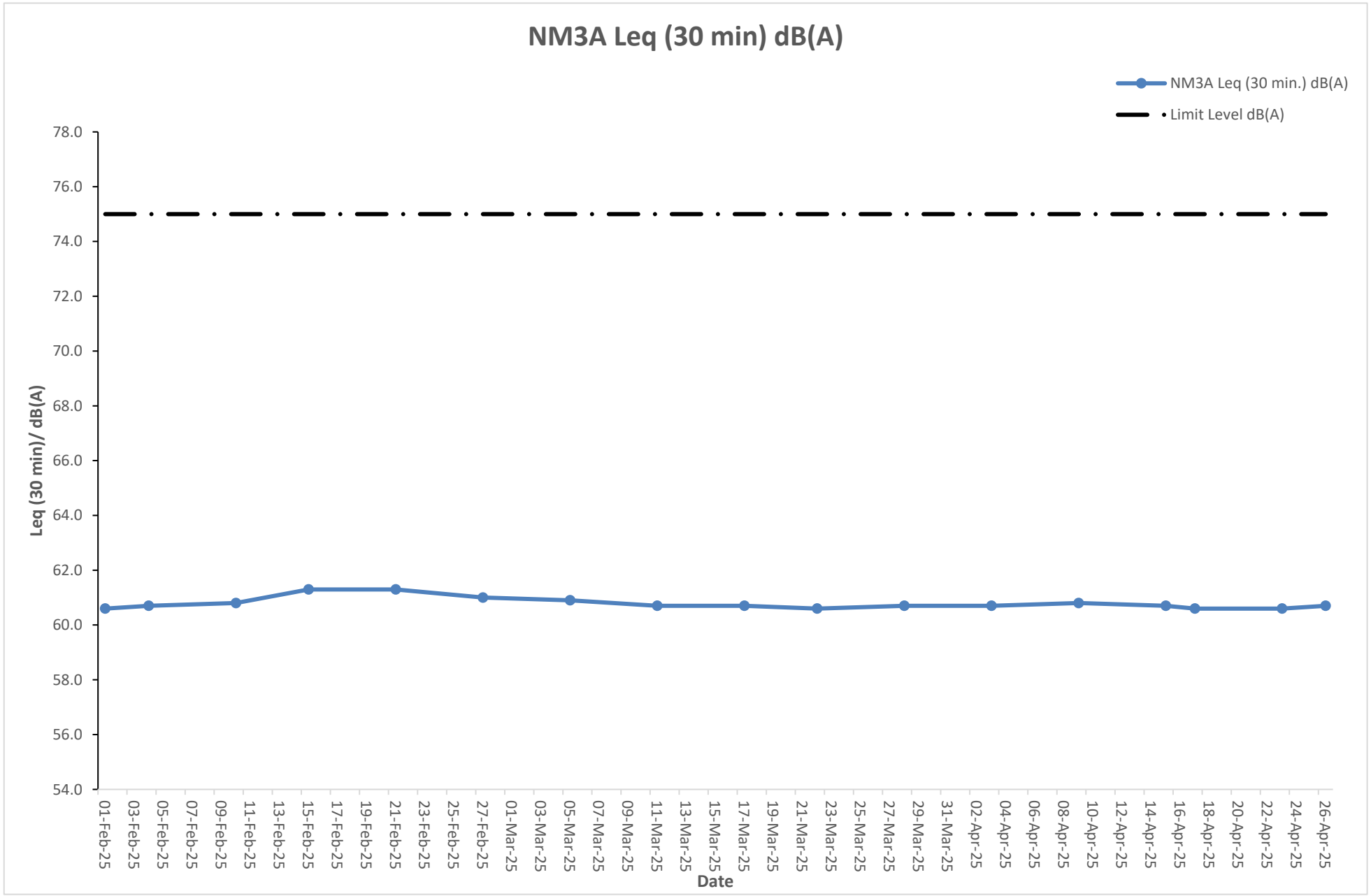
Date	Time	Measured L10 dB(A)	Measured L90 dB(A)	Leq (30 min.) dB(A)
01-Feb-25	15:38	62.0	57.7	60.6
01-Feb-25	15:43	63.0	55.9	
01-Feb-25	15:48	62.8	56.0	
01-Feb-25	15:53	63.4	57.8	
01-Feb-25	15:58	61.9	56.6	
01-Feb-25	16:03	63.3	57.5	
04-Feb-25	9:34	63.5	57.6	60.7
04-Feb-25	9:39	62.5	56.7	
04-Feb-25	9:44	62.9	56.7	
04-Feb-25	9:49	63.8	57.8	
04-Feb-25	9:54	62.3	57.3	
04-Feb-25	9:59	63.6	56.2	
10-Feb-25	15:35	63.7	56.6	60.8
10-Feb-25	15:40	63.3	57.6	
10-Feb-25	15:45	62.8	56.7	
10-Feb-25	15:50	63.0	56.7	
10-Feb-25	15:55	63.8	57.1	
10-Feb-25	16:00	62.3	56.9	
15-Feb-25	9:42	62.5	55.9	61.3
15-Feb-25	9:47	62.6	56.5	
15-Feb-25	9:52	63.3	57.1	
15-Feb-25	9:57	62.6	56.5	
15-Feb-25	10:02	63.7	57.7	
15-Feb-25	10:07	62.5	56.6	
21-Feb-25	15:48	63.4	57.8	61.3
21-Feb-25	15:53	63.1	56.0	
21-Feb-25	15:58	61.9	57.2	
21-Feb-25	16:03	62.0	56.0	
21-Feb-25	16:08	63.1	56.4	
21-Feb-25	16:13	62.1	56.3	
27-Feb-25	9:45	62.5	56.3	61.0
27-Feb-25	9:50	63.4	55.9	
27-Feb-25	9:55	63.6	56.3	
27-Feb-25	10:00	63.1	57.8	
27-Feb-25	10:05	62.5	57.7	
27-Feb-25	10:10	63.6	56.9	
05-Mar-25	15:32	62.3	56.4	60.9
05-Mar-25	15:37	63.2	56.6	
05-Mar-25	15:42	62.5	56.4	
05-Mar-25	15:47	62.8	56.0	
05-Mar-25	15:52	63.5	57.3	
05-Mar-25	15:57	62.9	56.7	
11-Mar-25	9:37	62.8	57.8	60.7
11-Mar-25	9:42	63.8	56.1	
11-Mar-25	9:47	62.0	57.2	
11-Mar-25	9:52	63.3	57.8	
11-Mar-25	9:57	63.5	57.1	
11-Mar-25	10:02	63.6	57.6	
17-Mar-25	15:39	62.8	56.4	60.7
17-Mar-25	15:44	62.7	56.2	
17-Mar-25	15:49	63.8	56.6	
17-Mar-25	15:54	62.6	56.6	
17-Mar-25	15:59	62.8	56.4	
17-Mar-25	16:04	63.1	56.0	
22-Mar-25	9:47	62.7	56.4	60.6
22-Mar-25	9:52	63.6	56.8	
22-Mar-25	9:57	63.5	57.5	
22-Mar-25	10:02	62.2	56.4	
22-Mar-25	10:07	63.0	56.8	
22-Mar-25	10:12	62.9	56.8	
28-Mar-25	15:41	62.2	57.6	60.7
28-Mar-25	15:46	63.4	57.5	
28-Mar-25	15:51	63.3	56.5	
28-Mar-25	15:56	63.3	56.1	
28-Mar-25	16:01	63.2	56.4	
28-Mar-25	16:06	63.8	56.9	
03-Apr-25	9:30	63.1	57.0	60.7
03-Apr-25	9:35	63.7	56.9	
03-Apr-25	9:40	62.1	56.6	
03-Apr-25	9:45	63.8	56.4	

Noise Monitoring Result at Station NM3A

Date	Time	Measured L10 dB(A)	Measured L90 dB(A)	Leq (30 min.) dB(A)
03-Apr-25	9:50	62.5	56.8	
03-Apr-25	9:55	61.9	56.6	
09-Apr-25	15:38	62.9	56.0	
09-Apr-25	15:43	62.7	57.6	
09-Apr-25	15:48	62.6	56.1	60.8
09-Apr-25	15:53	62.2	56.7	
09-Apr-25	15:58	62.8	56.5	
09-Apr-25	16:03	61.9	57.1	
15-Apr-25	9:37	62.2	56.6	
15-Apr-25	9:42	62.2	57.7	
15-Apr-25	9:47	63.1	57.3	60.7
15-Apr-25	9:52	62.5	57.2	
15-Apr-25	9:57	63.8	55.9	
15-Apr-25	10:02	62.9	56.9	
17-Apr-25	15:45	63.6	56.3	
17-Apr-25	15:50	62.1	57.1	
17-Apr-25	15:55	63.2	56.6	60.6
17-Apr-25	16:00	62.1	57.2	
17-Apr-25	16:05	63.0	57.4	
17-Apr-25	16:10	62.9	57.0	
23-Apr-25	9:41	62.7	56.6	
23-Apr-25	9:46	62.6	57.3	
23-Apr-25	9:51	63.2	56.1	60.6
23-Apr-25	9:56	62.6	56.4	
23-Apr-25	10:01	63.5	57.1	
23-Apr-25	10:06	62.0	56.0	
26-Apr-25	15:47	61.9	57.5	
26-Apr-25	15:52	62.0	55.9	
26-Apr-25	15:57	62.4	57.2	60.7
26-Apr-25	16:02	63.2	57.1	
26-Apr-25	16:07	63.5	56.0	
26-Apr-25	16:12	62.8	56.2	


The station set-up of a façade measurement at station NM3A.

Graphical Presentation of Noise Monitoring Result at Station NM3A



Noise Monitoring Result at Station NM4A

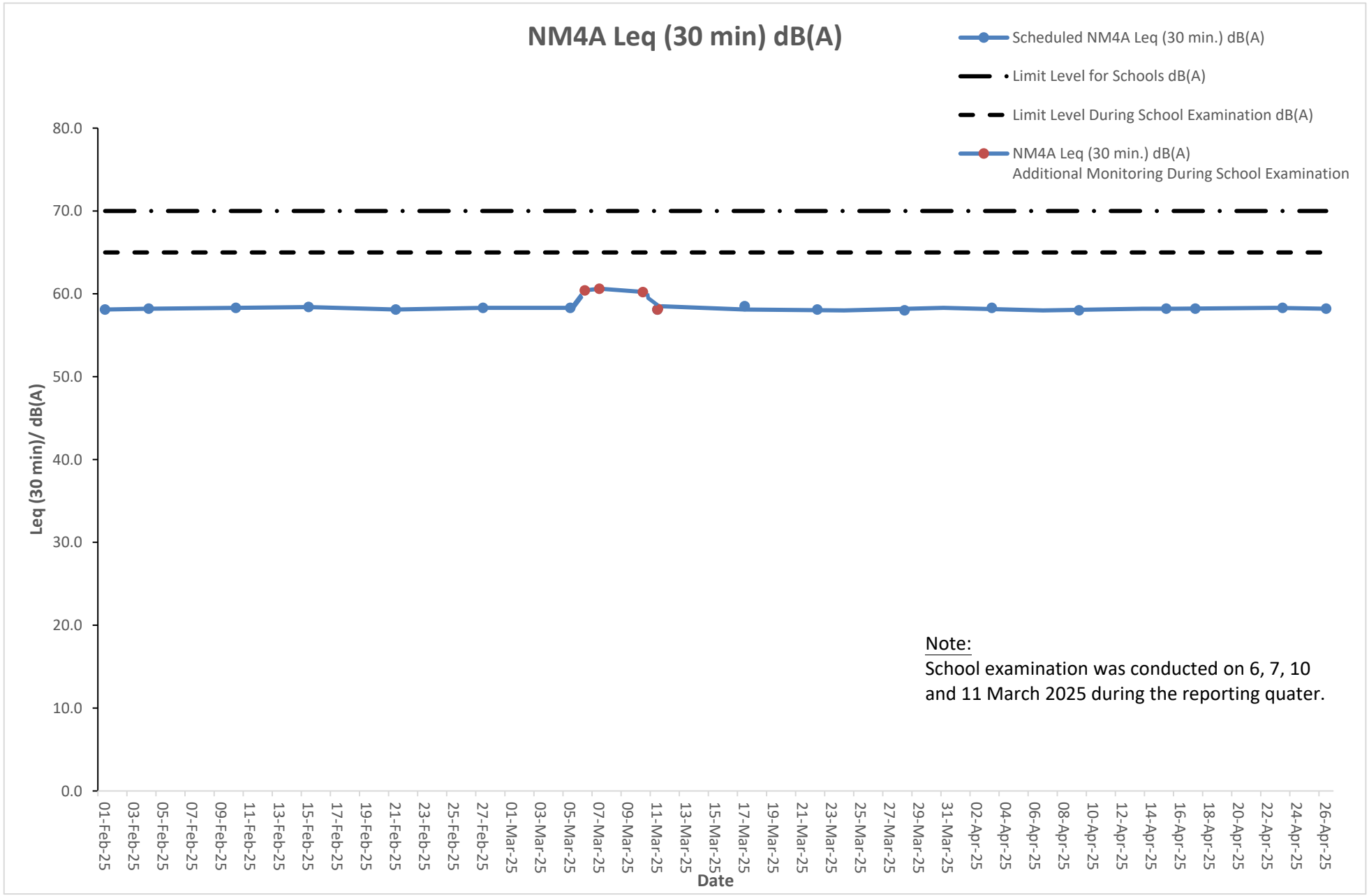
Date	Time	Measured L10 dB(A)	Measured L90 dB(A)	Leq (30 min.) dB(A)
01-Feb-25	16:13	60.1	55.9	58.1
01-Feb-25	16:18	60.6	55.9	
01-Feb-25	16:23	60.4	56.8	
01-Feb-25	16:28	59.7	56.0	
01-Feb-25	16:33	60.2	56.1	
01-Feb-25	16:38	59.7	56.5	
04-Feb-25	10:09	60.0	56.6	58.2
04-Feb-25	10:14	59.5	56.9	
04-Feb-25	10:19	60.1	56.0	
04-Feb-25	10:24	60.0	56.5	
04-Feb-25	10:29	59.7	56.9	
04-Feb-25	10:34	60.3	56.8	
10-Feb-25	16:10	59.4	56.7	58.3
10-Feb-25	16:15	60.2	55.9	
10-Feb-25	16:20	60.6	56.6	
10-Feb-25	16:25	60.3	56.8	
10-Feb-25	16:30	60.2	55.8	
10-Feb-25	16:35	59.2	56.9	
15-Feb-25	10:17	60.4	55.7	58.4
15-Feb-25	10:22	60.6	56.5	
15-Feb-25	10:27	60.4	56.6	
15-Feb-25	10:32	60.4	57.1	
15-Feb-25	10:37	59.8	56.8	
15-Feb-25	10:42	60.5	55.8	
21-Feb-25	16:23	59.5	56.7	58.1
21-Feb-25	16:28	60.0	57.0	
21-Feb-25	16:33	59.5	55.9	
21-Feb-25	16:38	60.2	56.2	
21-Feb-25	16:43	59.9	56.3	
21-Feb-25	16:48	60.0	55.8	
27-Feb-25	10:20	59.9	56.8	58.3
27-Feb-25	10:25	59.9	57.0	
27-Feb-25	10:30	59.4	56.3	
27-Feb-25	10:35	60.4	55.9	
27-Feb-25	10:40	59.3	56.1	
27-Feb-25	10:45	59.2	56.4	
05-Mar-25	16:07	59.9	56.2	58.3
05-Mar-25	16:12	60.6	56.5	
05-Mar-25	16:17	60.3	56.3	
05-Mar-25	16:22	60.6	57.1	
05-Mar-25	16:27	59.6	57.1	
05-Mar-25	16:32	59.3	56.0	
11-Mar-25	10:12	59.9	57.1	58.1
11-Mar-25	10:17	60.1	56.8	
11-Mar-25	10:22	60.2	55.7	
11-Mar-25	10:27	59.2	55.8	
11-Mar-25	10:32	59.3	56.9	
11-Mar-25	10:37	60.2	56.2	
17-Mar-25	16:14	60.1	56.7	58.5
17-Mar-25	16:19	59.5	56.1	
17-Mar-25	16:24	59.5	56.0	
17-Mar-25	16:29	60.1	57.0	
17-Mar-25	16:34	59.9	56.9	
17-Mar-25	16:39	60.6	57.1	
22-Mar-25	10:22	59.7	57.0	58.1
22-Mar-25	10:27	59.2	56.5	
22-Mar-25	10:32	59.4	56.6	
22-Mar-25	10:37	60.3	57.0	
22-Mar-25	10:42	60.0	56.4	
22-Mar-25	10:47	59.2	56.1	
28-Mar-25	16:16	59.5	55.8	58.0
28-Mar-25	16:21	60.2	56.5	
28-Mar-25	16:26	59.3	55.9	
28-Mar-25	16:31	59.6	56.6	
28-Mar-25	16:36	59.5	56.4	
28-Mar-25	16:41	60.5	55.7	
03-Apr-25	10:05	60.3	55.9	58.3
03-Apr-25	10:10	60.3	55.9	
03-Apr-25	10:15	60.5	56.7	
03-Apr-25	10:20	59.3	56.5	

Noise Monitoring Result at Station NM4A

Date	Time	Measured L10 dB(A)	Measured L90 dB(A)	Leq (30 min.) dB(A)
03-Apr-25	10:25	60.6	57.0	
03-Apr-25	10:30	60.1	57.1	
09-Apr-25	16:13	60.4	56.6	
09-Apr-25	16:18	60.2	56.0	
09-Apr-25	16:23	59.8	56.7	58.0
09-Apr-25	16:28	60.1	55.9	
09-Apr-25	16:33	60.2	55.8	
09-Apr-25	16:38	60.0	57.1	
15-Apr-25	10:12	59.4	56.9	
15-Apr-25	10:17	59.4	56.8	
15-Apr-25	10:22	59.3	57.1	58.2
15-Apr-25	10:27	60.6	56.5	
15-Apr-25	10:32	60.1	55.8	
15-Apr-25	10:37	60.4	57.0	
17-Apr-25	16:20	60.1	56.6	
17-Apr-25	16:25	59.3	56.8	
17-Apr-25	16:30	60.2	56.8	58.2
17-Apr-25	16:35	60.4	57.0	
17-Apr-25	16:40	59.5	56.4	
17-Apr-25	16:45	59.9	55.9	
23-Apr-25	10:16	60.0	56.7	
23-Apr-25	10:21	60.3	56.5	
23-Apr-25	10:26	60.3	55.8	58.3
23-Apr-25	10:31	60.2	56.0	
23-Apr-25	10:36	60.0	55.8	
23-Apr-25	10:41	60.1	55.7	
26-Apr-25	16:22	59.8	56.6	
26-Apr-25	16:27	60.0	56.5	
26-Apr-25	16:32	59.4	56.2	58.2
26-Apr-25	16:37	59.4	56.1	
26-Apr-25	16:42	59.6	56.6	
26-Apr-25	16:47	59.9	56.7	

The station set-up of a façade measurement at station NM4A.

Graphical Presentation of Noise Monitoring Result at Station NM4A



Noise Monitoring Result at Station NM5A

Date	Time	Measured L10 dB(A)	Measured L90 dB(A)	Leq (30 min.) dB(A)	Leq (30 min.) +3 dB(A)
01-Feb-25	14:58	62.2	58.7	60.6	63.6
01-Feb-25	15:03	61.9	58.8		
01-Feb-25	15:08	62.4	59.3		
01-Feb-25	15:13	62.2	57.9		
01-Feb-25	15:18	62.3	57.6		
01-Feb-25	15:23	62.7	58.6		
04-Feb-25	8:53	62.8	59.2	60.7	63.7
04-Feb-25	8:58	62.4	57.8		
04-Feb-25	9:03	61.6	59.1		
04-Feb-25	9:08	62.0	59.3		
04-Feb-25	9:13	62.0	59.2		
04-Feb-25	9:18	61.9	58.3		
10-Feb-25	14:55	62.8	58.5	60.6	63.6
10-Feb-25	15:00	62.2	59.2		
10-Feb-25	15:05	62.0	59.1		
10-Feb-25	15:10	61.6	57.9		
10-Feb-25	15:15	61.7	58.5		
10-Feb-25	15:20	61.6	59.0		
15-Feb-25	8:52	61.7	58.9	60.6	63.6
15-Feb-25	9:06	62.6	58.9		
15-Feb-25	9:11	61.5	58.2		
15-Feb-25	9:16	61.8	58.3		
15-Feb-25	9:21	62.1	57.9		
15-Feb-25	9:26	62.2	59.0		
21-Feb-25	14:59	61.5	59.2	60.6	63.6
21-Feb-25	15:13	62.4	57.4		
21-Feb-25	15:18	62.8	58.5		
21-Feb-25	15:23	61.5	57.9		
21-Feb-25	15:28	61.6	58.4		
21-Feb-25	15:33	61.4	58.7		
27-Feb-25	8:55	61.8	58.7	60.6	63.6
27-Feb-25	9:09	62.7	58.2		
27-Feb-25	9:14	61.4	58.4		
27-Feb-25	9:19	62.1	58.9		
27-Feb-25	9:24	62.0	59.2		
27-Feb-25	9:29	62.1	58.4		
05-Mar-25	14:52	61.6	58.3	60.6	63.6
05-Mar-25	14:57	61.8	59.3		
05-Mar-25	15:02	62.1	59.2		
05-Mar-25	15:07	62.1	58.2		
05-Mar-25	15:12	62.3	57.7		
05-Mar-25	15:17	62.5	58.8		
11-Mar-25	8:56	62.2	57.6	60.0	63.0
11-Mar-25	9:01	62.7	59.3		
11-Mar-25	9:06	62.8	57.9		
11-Mar-25	9:11	62.8	57.5		
11-Mar-25	9:16	62.2	59.1		
11-Mar-25	9:21	61.4	59.3		
17-Mar-25	14:59	62.7	59.2	60.3	63.3
17-Mar-25	15:04	61.9	58.7		
17-Mar-25	15:09	62.6	58.9		
17-Mar-25	15:14	61.7	58.1		
17-Mar-25	15:19	62.7	57.8		
17-Mar-25	15:24	62.8	58.2		
22-Mar-25	8:57	61.4	58.6	60.2	63.2
22-Mar-25	9:11	62.5	57.7		
22-Mar-25	9:16	62.3	58.7		
22-Mar-25	9:21	62.0	58.8		
22-Mar-25	9:26	61.9	58.5		
22-Mar-25	9:31	61.5	57.6		
28-Mar-25	14:52	62.8	57.6	60.4	63.4
28-Mar-25	15:06	62.6	59.1		
28-Mar-25	15:11	62.4	58.8		
28-Mar-25	15:16	61.6	58.7		
28-Mar-25	15:21	62.1	58.3		
28-Mar-25	15:26	62.4	58.8		
03-Apr-25	8:50	61.5	58.8	60.6	63.6
03-Apr-25	8:55	62.2	58.5		
03-Apr-25	9:00	61.8	57.7		
03-Apr-25	9:05	61.6	57.8		

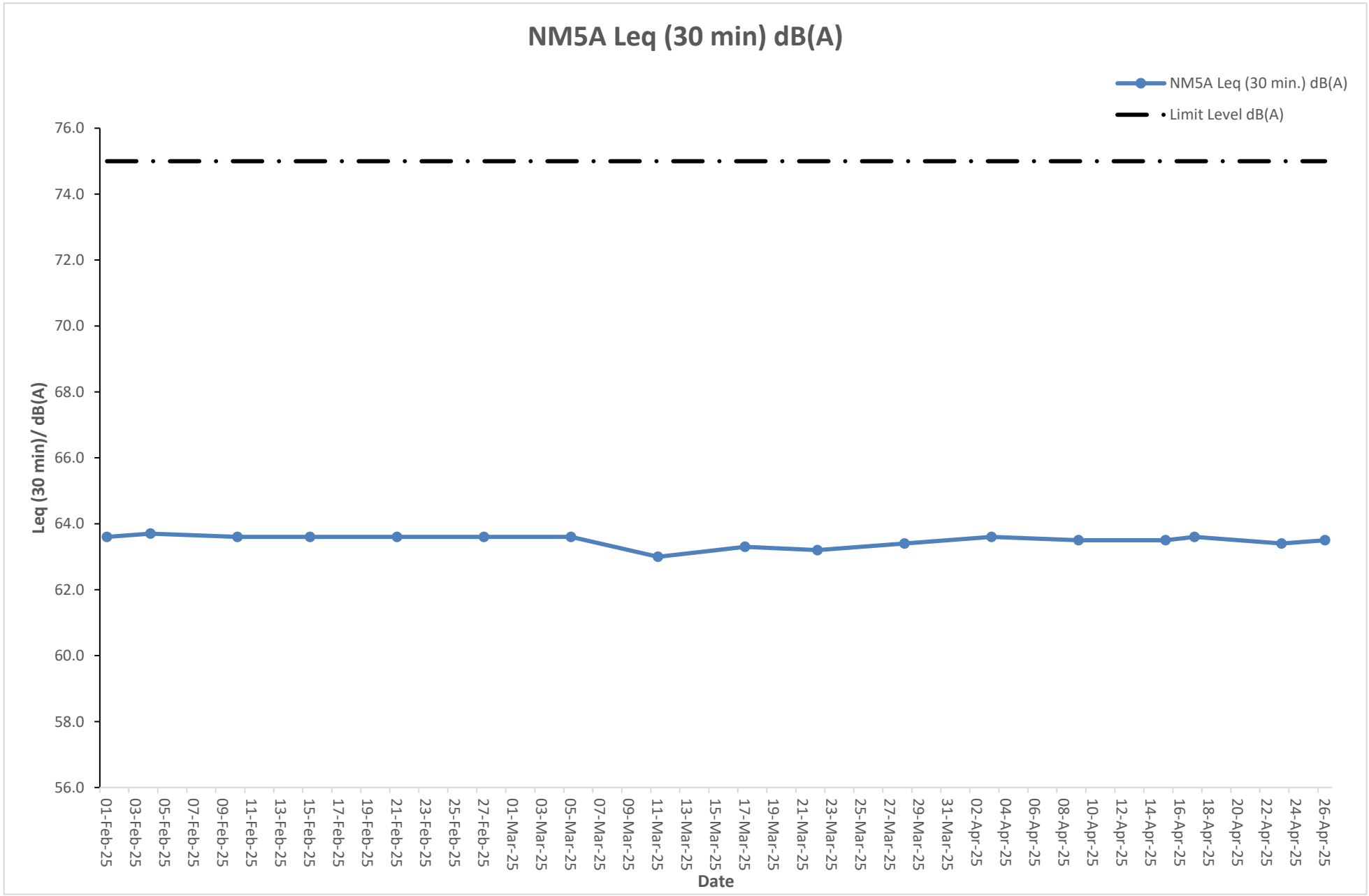
Noise Monitoring Result at Station NM5A

Date	Time	Measured L10 dB(A)	Measured L90 dB(A)	Leq (30 min.) dB(A)	Leq (30 min.) +3 dB(A)
03-Apr-25	9:10	61.8	58.1		
03-Apr-25	9:15	62.2	57.6		
09-Apr-25	14:57	62.5	58.5	60.5	63.5
09-Apr-25	15:02	62.5	57.9		
09-Apr-25	15:07	62.0	57.5		
09-Apr-25	15:12	61.4	57.4		
09-Apr-25	15:17	62.6	58.5		
09-Apr-25	15:22	61.7	59.0		
15-Apr-25	8:57	62.0	58.6	60.5	63.5
15-Apr-25	9:02	62.3	58.6		
15-Apr-25	9:07	62.6	59.0		
15-Apr-25	9:12	61.5	57.9		
15-Apr-25	9:17	62.3	58.9		
15-Apr-25	9:22	62.8	59.1		
17-Apr-25	14:55	62.3	59.2	60.6	63.6
17-Apr-25	15:09	61.4	58.0		
17-Apr-25	15:14	62.7	58.7		
17-Apr-25	15:19	61.9	57.8		
17-Apr-25	15:24	61.9	58.6		
17-Apr-25	15:29	62.7	59.3		
23-Apr-25	8:52	62.0	57.8	60.4	63.4
23-Apr-25	9:06	62.0	58.5		
23-Apr-25	9:11	62.7	59.0		
23-Apr-25	9:16	61.8	59.1		
23-Apr-25	9:21	61.4	59.1		
23-Apr-25	9:26	61.5	57.4		
26-Apr-25	14:57	62.4	57.7	60.5	63.5
26-Apr-25	15:11	62.1	58.7		
26-Apr-25	15:16	62.3	58.2		
26-Apr-25	15:21	62.6	57.5		
26-Apr-25	15:26	62.5	58.5		
26-Apr-25	15:31	61.8	58.1		

. **Remarks:**
+3dB(A) correction was applied to free-field measurement.

The station set-up of a free-field measurement at station NM5A.

Graphical Presentation of Noise Monitoring Result at Station NM5A



F. Waste Flow table

Table I-1: Monthly Waste Flow Table for Zones 2A, 2B & 2C

Month	Actual Quantities of Inert C&D Materials Generated Monthly							Actual Quantities of C&D Materials Generated Monthly					
	Total Quantity Generated	Hard Rocks and Large Broken Concrete	Reused in the Contract	Reused in other Projects	Disposed as Public Fill	Disposed to Sorting Facility	Imported Fill	Metals	Paper/ Cardboard Packaging	Plastics	Wood/ Timber	Chemical Waste	Others, e.g. General Refuse
	(in tonnes)	(in tonnes)	(in tonnes)	(in tonnes)	(in tonnes)	(in tonnes)	(in tonnes)	(in tonnes)	(in tonnes)	(in tonnes)	(in tonnes)	(in tonnes)	(in tonnes)
2024													
Jul	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Aug	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sep	131.67	0.00	0.00	0.00	131.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.24
Oct	241.28	0.00	0.00	0.00	231.10	10.18	0.00	0.00	0.00	0.00	0.00	0.00	3.95
Nov	5383.52	0.00	0.00	4340.40	1043.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	155.23
Dec	5757.15	0.00	0.00	3082.05	2675.10	0.00	0.00	151.49	0.00	0.00	0.00	0.00	38.92
Sub-total (2024)	11513.62	0.00	0.00	7422.45	4080.99	10.18	0.00	151.49	0.00	0.00	0.00	0.00	214.34
2025													
Jan	4500.55	0.00	0.00	2090.69	2391.44	18.42	0.00	147.67	0.00	0.00	0.00	0.00	29.39
Feb	2785.60	0.00	0.00	0.00	2785.60	0.00	0.00	91.33	0.00	0.00	0.00	0.00	21.33
Mar	3263.24	0.00	0.00	0.00	3263.24	0.00	0.00	4.70	0.00	0.00	0.00	0.00	20.17
Apr	3307.28	0.00	0.00	0.00	3300.59	6.69	0.00	0.00	0.00	0.00	0.00	0.00	71.98
May													
Jun													
Jul													
Aug													
Sep													
Oct													
Nov													
Dec													
Sub-total (2025)	13856.67	0.00	0.00	2090.69	11740.87	25.11	0.00	243.70	0.00	0.00	0.00	0.00	142.87
Total	**25370.29**	**0.00**	**0.00**	**9513.14**	**15821.86**	**35.29**	**0.00**	**395.19**	**0.00**	**0.00**	**0.00**	**0.00**	**357.21**

Note:
3063.44 tonnes and 237.15 tonnes of inert C&D material were disposed of as public fill to Tseung Kwan O Area 137 Public Fill and Tuen Mun Area 38 respectively in the reporting month.

G. Cumulative Statistics on Complaints, Notifications of Summons and Successful Prosecutions

Cumulative statistics for complaints, notifications of summons and successful prosecutions for the Project account for period starting from the date of commencement of construction works (i.e. 30 September 2021 for Zone 2B & 2C (Contract No.: CC/2020/2B/088); 05 July 2024 for Zones 2A, 2B & 2C (Contract No.: CC/2023/2B/095)) to the end of the reporting quarter and are summarized in the **Table G-1** and **Table G-2** below respectively.

Table G-1: Statistics for complaints, notifications of summons and successful prosecutions for Zones 2A, 2B & 2C (Contract No.: CC/2023/2B/095)

Reporting Period	Cumulative Statistics		
	Complaints	**Notifications of summons**	**Successful prosecutions**
This reporting quarter (Feb 25 – Apr 25)	1	0	0
From 05 July 2024 to end of the reporting quarter	3	0	0

END OF THE REPORT