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2018 年港灣環境資訊網
海氣象觀測資料年報
(嘉南海域風浪潮流觀測資料)



交通部運輸研究所

中華民國 109 年 2 月

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二〇一八年港灣環境資訊網海氣象觀測資料年報(嘉南海域風浪潮流觀測資料) 交通部運輸研究所

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著者：蘇青和、李俊穎、傅怡釗
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編輯：蘇青和、李俊穎、傅怡釧、蔣敏玲、劉清松、陳鈞彥

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摘要： 本港灣環境資訊網觀測海氣象資料年報，包括嘉南海域2018年觀測風力、波浪、潮汐及海流等資料之觀測記錄表及逐時資料歷線圖。			
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2018年港灣環境資訊網海氣象觀測資料年報 (嘉南海域風浪潮流觀測資料)

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誌 謝

2018 年港灣環境資訊網觀測風力資料，蒐集之嘉南海域風力資料，除本中心自行觀測之外，在七股氣象站(測站 I)、箔子寮氣象站(測站 M)、塢港氣象站(測站 Q)等觀測風力資料，係交通部 中央氣象局(CWB)提供。永安氣象站(測站 H)、四草氣象站(測站 E)、外傘頂氣象站(測站 O)、七股海上浮標(測站 Y)等觀測風力資料，係經濟部 水利署(WRA)提供，謹致謝忱。

2018 年港灣環境資訊網觀測波浪資料，蒐集之嘉南海域波浪資料，除本中心自行觀測之外，在七股海上浮標(測站 Y)、七股雷達站(測站 Z)等觀測波浪資料，係經濟部 水利署(WRA)提供。灣裡海上浮標(測站 R) 觀測波浪儀，係 國立成功大學水文中心(COMC)裝設。曾文溪外海浮標(測站 V)及鹿耳門溪口外海浮標(測站 U)波浪儀屬 觀台灣中油(CPC)所設置，謹致謝忱。

2018 年港灣海氣象觀測潮汐資料，蒐集之嘉南海域潮汐觀測資料，除本中心自行觀測之外，在將軍(測站 K)、東石(測站 P)、塢港(測站 Q)、箔子寮(測站 M)等觀測潮汐資料，係交通部 中央氣象局提供。永安(測站 J)、四草(測站 G)等觀測潮汐資料，係經濟部 水利署提供，謹致謝忱。

2018 年港灣環境資訊網觀測海流資料，蒐集之嘉南海域海流資料，除本中心自行觀測之外，在七股海上浮標(測站 Y)、七股雷達站(測站 Z)等觀測海流資料，係經濟部 水利署(WRA)提供。其他曾文溪外海浮標(測站 V)、鹿耳門溪口外海浮標(測站 U) 海流儀屬 台灣中油(CPC)所設置，謹致謝忱。

第 0 章 嘉南海域觀測風浪潮流資料蒐集

本年報將彙整包括本所港研中心(IHMT)、氣象局(CWB)、水利署(WRA)、成功大學水文中心(COMC)、立臺灣海洋大學(NTOC)、海科中心(TORI)、觀光局東北角管理處(TBRC)、台灣中油(CPC)等單位，於臺灣北苗海域、北端海域、宜蘭海域、花蓮海域、臺東海域、屏東海域、高雄海域、嘉南海域、中雲海域、澎湖海域、金門海域及馬祖海域等 12 個海域，海域區分如附圖 A1。

嘉南海域觀測風力資料測站統計表如表 WB1，觀測波浪資料測站統計表如表 VB1，觀測潮汐資料測站統計表如表 TB1，觀測海流資料測站統計表如表 CB1。

表 WB1 嘉南海域觀測風力資料測站統計表

海域名稱	測站總數	IHMT 測站	CWB 測站	WRA 測站	其他 測站	備註
嘉南海域	10	3	3	4		

表 VB1 嘉南海域觀測波浪資料測站統計表

海域名稱	測站總數	IHMT 測站	CWB 測站	WRA 測站	其他 測站	備註
嘉南海域	7	2	0	2	3	

表 TB1 嘉南海域觀測潮汐資料測站統計表

海域名稱	測站總數	IHMT 測站	CWB 測站	WRA 測站	其他 測站	備註
嘉南海域	12	6	4	2	0	

表 CB1 嘉南海域觀測海流資料測站統計表

海域名稱	測站總數	IHMT 測站	CWB 測站	WRA 測站	其他 測站	備註
嘉南海域	6	2	0	2	2	

註:資料更新時間為 2018 年。

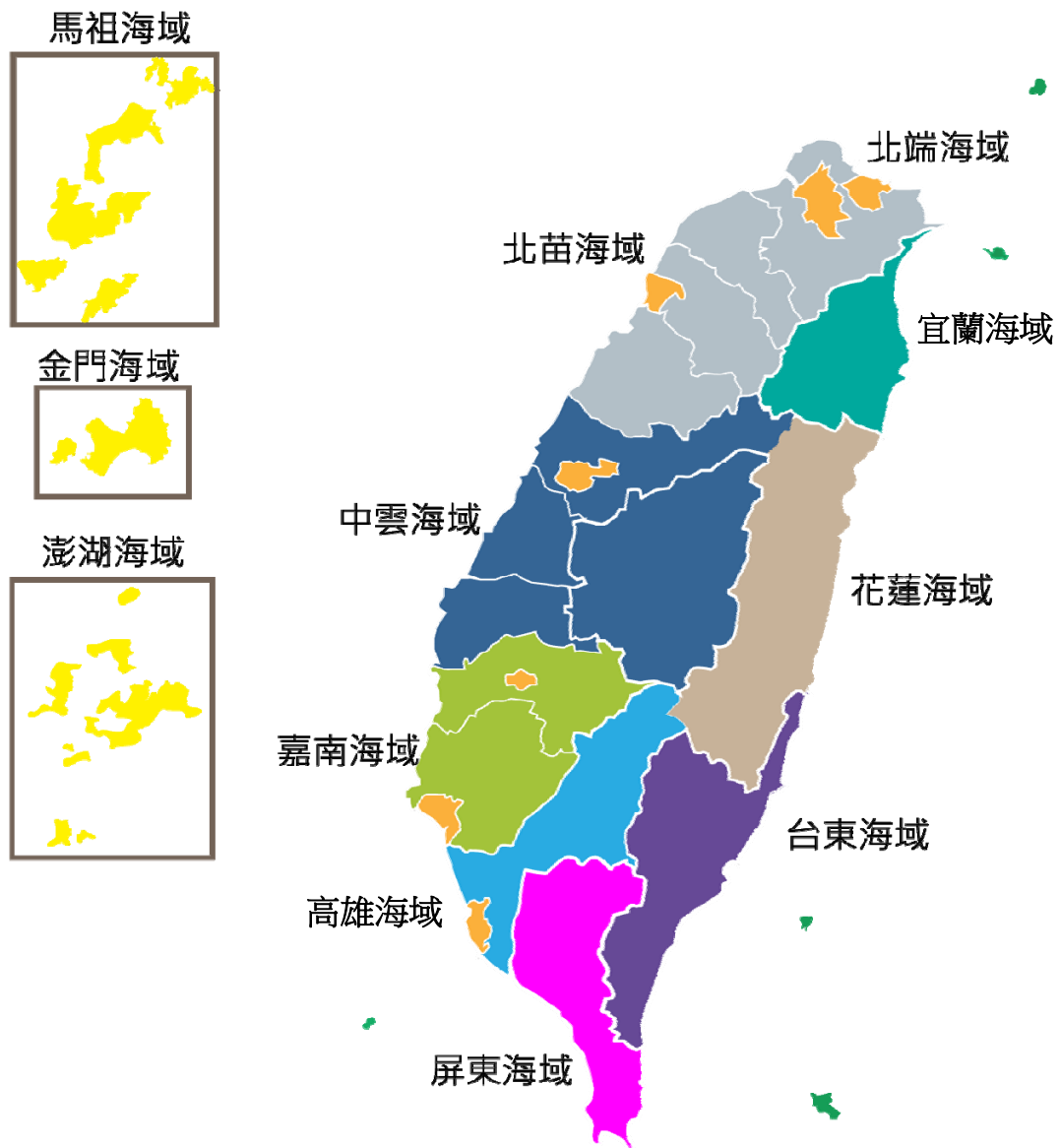


圖 A1 臺灣 12 海域區分示意圖

2018 年嘉南海域觀測風力資料

嘉南海域風之觀測係本中心(IHMT)位於安平港海上觀測樁頂安裝之 Young Brand 風速計(稱測站 X0)，其位置如附圖 WB1。風速計安裝於觀測樁頂之高度約為海平面上 14 米，觀測資料至觀測樁於 2011 年 8 月拆除為止。2011 年 12 月於南堤增設風速計(高度約為海平面上 23 米)(稱測站 X1)。2009 年 8 月於 7 號碼頭增加安裝 Young Brand 風速計(稱測站 W)。2006 年 8 月本中心於布袋港安裝一具風速儀(稱測站 B)。

七股風力觀測站 I 屬中央氣象局(CWB)所設置，測站 Y(七股外海浮標站)、測站 H(永安氣象站)、測站 O(外傘頂氣象站)及測站 E(四草氣象站)之風速儀屬水利署(WRA)所有。曾文浮標站測站 V 之風速儀則屬臺灣中油所設置。各測站歷年觀測風資料蒐集概況如表 WB1。

本中心風資料之蒐集係採取每小時測定十分鐘之數據加以平均，而得出該小時之平均風速、平均風向、最大陣風風速、最大陣風風向、最大陣風之發生時間。本中心之風力資料以取平均風速及平均風向為主。其他測站觀測風速、風向資料也是平均風速(m/s)及風向(度)。

表 WB1 嘉南海域觀測風力資料蒐集概況表(統計時間至 2018 年 11 月)

測站	緯度	經度	觀測期間	觀測單位	備註
X0	22°56'37"N	120°08'10"E	1999/10-2011/07	港研中心	觀測樁
X1	22°57'22"N	120°08'53"E	2010/12-2018/11(觀測中)	港研中心	安平港南堤
W	22°58'09"N	120°09'54"E	2009/08-2018/11(觀測中)	港研中心	安平港信號臺
B	23°22'48"E	120°08'49"E	2006/08-2018/11(觀測中)	港研中心	布袋港
O	23°28'05"E	120°00'52"	2000/01-2009/01	水利署	外傘頂氣象站
Y	23°05'55"N	120°00'20"E	2006/06-2018/11(觀測中)	水利署	七股浮標站
H	22°49'8"N	120°11'51"E	2005/10-2018/11(觀測中)	水利署	永安氣象站
E	23°01'25"N	120° 6'42"E	2014/09-2018/11(觀測中)	水利署	四草氣象站
M	23°37'07"N	120°08'15"	2015/01-2018/11(觀測中)	中央氣象局	箔子寮氣象站
Q	23°28'00"N	120°07'21"E	2015/01-2018/11(觀測中)	中央氣象局	塹港氣象站
I	23°0'52"N	120° 04'09"E	2014/08-2016/06	中央氣象局	七股氣象站

嘉南海域



IHMT 觀測樁風速站



IHMT 風速站



CWB 風速站



WRA 風速站



WRA 浮標風速站



圖 WB1 嘉南海域風力觀測站位置示意圖

2018 年嘉南海域觀測波浪資料

嘉南海域波浪觀測係本中心(IHMT)係利用位於安平港海上觀測樁頂水下 5 米處(稱測站 X0)之 Inter Ocean S-4ADW 潮波儀所測得，如附圖 VB1，因 S-4 觀測儀器老舊，目前已更換為 NORTEK 公司之剖面海流表面波浪與潮汐之監測系統(AWCP)，觀測資料至觀測樁於 2011 年 7 月拆除為止。2011 年 7 月於南堤外海增設(AWCP (稱測站 X1))。本中心 2006 年 6 月於布袋港外附近(稱測站 A)水深約 7 公尺處設置 AWCP

測站 Y(七股外海浮標站)及測站 Z(七股雷達站)之波浪儀屬水利署(WRA)所有；曾文溪外海浮標(測站 V)、鹿耳門溪口外海浮標(測站 U) 波浪儀屬觀台灣中油(CPC)所設置。灣裡海上浮標(測站 R)觀測波浪儀，係國立成功大學水文中心(COMC)裝設。嘉南海域各測站歷年觀測波浪資料蒐集概況如表 VB1。

波浪觀測 AWCP 系統有兩個分離波高量測模式：一個是對平靜波浪時，當資料由傳統式壓力感應器量測時將會因儀器佈放的深度而受很大的影響。此時，表面高度必須用一個聲波式的高度感應器量測波高。AWCP 波向量測的參數為：平均波向及波向分佈，波向單位為度。

表 VB1 嘉南海域觀測波浪資料蒐集概況表(統計時間至 2018 年 11 月)

測站	緯度	經度	觀測期間	觀測單位	備註
X0	22°56'37"N	120°08'10"E	1999/10-2011/07	港研中心	安平港觀測樁
X1	22°57'22"N	120°08'53"E	2010/12-2018/11(觀測中)	港研中心	安平港南堤
Y	23°05'55"	120°00'20"E	2006/06-2018/11(觀測中)	水利署	七股浮標站
Z	23°06'48"	120°03'8"E	2005/10-2018/11(觀測中)	水利署	七股雷達站
A0	23°22'49"N	120°07'29" E	2006/06-2010/03	港研中心	AWCP 布袋港
A1	23°22'37"N	120°07'26"E	2012/08-2014/11(觀測中)	港研中心	AWCP 布袋港
V	23°04'29"N	119°57'40"E	2013/08-2014/09	臺灣中油	曾文浮標站
U	22°59'22"N	120°02'26"E	2015/09-2018/11(觀測中)	臺灣中油	鹿耳門浮標站
R	22°54'54"N	129°09'55"E	2015/06-2016/10	水文中心	灣裡浮標站

嘉南海域

 IHMT 波潮流站	 IHMT 觀測樁波潮流站
 WRA 浮標波浪站	 CPC 及 COMC 浮標波浪站



圖 VB1 嘉南海域波浪觀測站位置示意圖

2018 年嘉南海域觀測潮汐資料

嘉南海域潮汐之觀測 1979 年港務局於安平港設有水位觀測(稱**測站 T1**)，2008 年 8 月本中心於港內增設水位觀測(稱**測站 T2**)，其位置如附圖 TB1。本中心 1999 年於安平港海上觀測樁(稱**測站 X0**) S-4ADW 潮波儀測得潮位，後改為安置 AWCP 系統，至觀測樁於 2011 年 7 月拆除為止。2011 年 7 月另於南堤外海增設 AWAC 系統(稱**測站 X1**)。**測站 J**(永安潮位站)、**四草(測站 G)**屬水利署。**東石(測站 P)**、**溫港(測站 Q)**、**箔子寮(測站 M)**及**將軍(測站 K)**之潮汐儀則屬中央氣象局所有。2008 年 8 月本中心於布袋港內碼頭(**測站 S0**)增設長期水位觀測，2011 年 8 月移至港內碼頭(**測站 S1**)。本中心於 2006 年 6 月於布袋港外(稱**測站 A**)設置 AWCP 系統。2018 年於布袋港內增設即時水深潮位站(稱**測站 N**)。2018 年於安平港內增設即時水深潮位站(稱**測站 L**)。嘉南海域各觀測潮汐資料蒐集概況如表 TB1。

潮波流儀，取樣方式為每一小時取前 10 分鐘，然後加以平均得出平均水位值。**測站 T** 及 **測站 S** 潮位資料取樣方式為每 6 分鐘量測一次。

表 TB1 嘉南海域觀測潮汐資料蒐集概況表(統計時間至 2018 年 11 月)

測站	緯度	經度	觀測期間	觀測單位	備註
T0	22°58'43"N	120°10'33"E	1979/03-1993/06	港務局	
T1	22°58'43"N	120°10'32"E	2008/08-2018/11(觀測中)	港研中心	安平港潮位計
X0	22°56'37"N	120°08'10"E	1999/10-2011/07	港研中心	安平港觀測樁
X1	22°57'22"N	120°08'53"E	2010/12-2018/11(觀測中)	港研中心	安平港南堤
J	22°49'08"N	120°11'51"E	2009/01-2018/11(觀測中)	水利署	永安潮位站
G	23°01'25"N	120°06'43"E	2011/09-2018/11(觀測中)	水利署	四草潮位站
A0	23°22'49"N	120°07'29" E	2006/06-2010/03	港研中心	AWCP 布袋港
A1	23°22'37"N	120°07'26"E	2012/08-2018/11(觀測中)	港研中心	AWCP 布袋港
S1	22°58'43"N	120°10'33"E	2008/08-2018/11(觀測中)	港研中心	布袋港潮位計
P	23°26'59"N	120°08'22"E	2013/12-2018/11(觀測中)	中央氣象局	東石潮位站
K	23°13'05"N	120°06'00"E	2014/12-2018/11(觀測中)	中央氣象局	將軍潮位站
Q	23°28'00"N	120°07'21"E	2013/12-2018/11(觀測中)	中央氣象局	溫港潮位站
M	23°37'07"N	120°08'15"E	2013/12-2018/11(觀測中)	中央氣象局	箔子寮潮位站
N			2018/10-2018/11(觀測中)	港研中心	布袋港潮位站
L			2018/10-2018/11(觀測中)	港研中心	安平港潮位站

嘉南海域

IHMT 潮位站

IHMT 波潮流站

CWB 潮位站

WRA 潮位站



IHMT 觀測樁波潮流站



圖 TB1 嘉南海域潮汐觀測站位置示意圖

2018 年嘉南海域觀測海流資料

嘉南海域海流之觀測係本中心係利用位於安平港海上觀測樁頂水下 5 米處(稱**測站 X0**)之 Inter Ocean S-4ADW 潮波儀所測得，如附圖 CB1，因 S-4 觀測儀器老舊，目前已更換為 NORTEK 公司之剖面海流表面海流與潮汐之監測系統(AWCP)，觀測資料至觀測樁於 2011 年 7 月拆除為止，2011 年 7 月於南堤外海增設剖面海流表面波浪與潮汐之監測系統(AWCP) (稱**測站 A1**)。另本中心於 2006 年 6 月於布袋港外附近(稱**測站 A**)水深約 7 公尺處設置挪威 NORTEK 公司之剖面海流與表面波浪(波高、週期及波向)即時傳送監測系統(簡稱 AWCP) 觀測站。

測站 Y(七股外海浮標站)及**測站 Z**(七股雷達站)海流儀屬水利署所有。曾文浮標站**測站 V**、鹿耳門溪口外海浮標(**測站 U**)海流儀則屬臺灣中油所設置。安平海域各測站歷年觀測海流資料蒐集概況如表 CB1。

表 CB1 嘉南海域觀測海流資料蒐集概況表(統計時間至 2018 年 11 月)

測站	緯度	經度	觀測期間	觀測單位	備註
X0	22°56'37"N	120°08'10"E	1999/10-2011/07	港研中心	安平港觀測樁
X1	22°57'22"N	120°08'53"E	2010/12-2018/11(觀測中)	港研中心	安平港南堤
Y	23°05'55"	120°00'20"E	2006/06-2018/11(觀測中)	水利署	七股浮標站
Z	23°06'48"	120°03'8"E	2005/10-2018/11(觀測中)	水利署	七股雷達站
A0	23°22'49"N	120°07'29" E	2006/06-2010/03	港研中心	AWCP 布袋港
A1	23°22'37"N	120°07'26"E	2012/08-2018/11(觀測中)	港研中心	AWCP 布袋港
V	23°04'29"N	119°57'40"E	2013/08-2016/10	臺灣中油	曾文浮標站
U	22°59'22"N	120°02'26"E	2015/09-2018/09(觀測中)	臺灣中油	鹿耳門浮標站

嘉南海域





 IHMT 波潮流站	 IHMT 觀測樁波潮流站
 WRA 浮標海流站	 CPC 浮標海流站



圖 CB1 嘉南海域海流觀測站位置示意圖

第一章 2018 年嘉南海域觀測風力資料

嘉南海域風之觀測包括測站 X、測站 Y、測站 W、測站 B、測站 H、測站 E、測站 M 及測站 Q 等 8 個測站(測站位置如第 O 章圖 WB1)。本年報取經檢核及補遺之 X 站資料作為主要測站 1，Y 站資料作為主要測站 2。

1.1 2018 年嘉南海域觀測風力資料年報圖表

本章第 1 節風力年報資料處理之圖表包括：

1. 表 1.1.1a 2018 年各觀測站每月觀測風力資料修補前記錄表。
2. 表 1.1.1b 2018 年主要測站每月觀測風力資料修補後記錄表。
3. 表 1.1.2 2018 年主要測站 1 修補後每月(季)及整年風速及風向重要統計量統計表。
4. 表 1.1.3 2018 年主要測站 2 修補後每月(季)及整年風速及風向重要統計量統計表。
5. 圖 1.1.1a 2018 年主要測站 1 修補前後每月風速歷線比較圖。
6. 圖 1.1.1b 2018 年主要測站 1 修補前後每月風向歷線比較圖。
7. 圖 1.1.2a 2018 年主要測站 2 修補前後每月風速歷線比較圖。
8. 圖 1.1.2b 2018 年主要測站 2 修補前後每月風向歷線比較圖。
9. 圖 1.1.3 2018 年主要測站 1 修補後每月風力向量分佈圖。
10. 圖 1.1.4 2018 年主要測站 2 修補後每月風力向量分佈圖。
11. 圖 1.1.5 2018 年主要測站 1 修補後每月風力向量行進圖。
12. 圖 1.1.6 2018 年主要測站 2 修補後每月風力向量行進圖。

第 2 節風力年報資料處理之統計表包括：2018 年嘉南海域**各測站****修補前**每月(季)及整年風速及風向重要統計量統計表。

第 3 節風力年報資料處理之統計圖包括：2018 年嘉南海域**主要測站 1****修補後**與**其他測站(修補前)**每月風速及風向歷線比較圖。

第 4 節風力年報資料處理之統計圖包括：2018 年嘉南海域**主要測站 2****修補後**與**其他測站(修補前)**每月風速及風向歷線比較圖。

第 5 節風力年報資料處理之統計圖包括：2018 年嘉南海域**各測站****修補前**每月風力向量分佈圖。

第 6 節風力年報資料處理之統計圖包括：2018 年嘉南海域**各測站****修補前**每月風力向量行進圖。

表 1.1.1a 2018年每月嘉南海域修補前各測站觀測風力資料紀錄表

海域	嘉南海域	嘉南海域	嘉南海域	嘉南海域	嘉南海域	嘉南海域	嘉南海域	嘉南海域	嘉南海域	嘉南海域	嘉南海域	嘉南海域
年月/測站	X	B	W	Y	H	E	M	Q	I	O		
2017/12月	*	712(95.7%)	744(100%)	718(96.5%)	734(98.7%)	735(98.8%)	561(75.4%)	563(75.7%)	*	*	*	*
2018/ 1月	*	531(71.4%)	744(100%)	722(97.0%)	732(98.4%)	732(98.4%)	707(95.0%)	709(95.3%)	*	*	*	*
2018/ 2月	*	300(44.6%)	672(100%)	660(98.2%)	666(99.1%)	661(98.4%)	653(97.2%)	655(97.5%)	*	*	*	*
2018/ 3月	77(10.3%)	641(86.2%)	726(97.6%)	734(98.7%)	736(98.9%)	718(96.5%)	682(91.7%)	704(94.6%)	*	*	*	*
2018/ 4月	682(94.7%)	305(42.4%)	673(93.5%)	710(98.6%)	711(98.8%)	688(95.6%)	690(95.8%)	692(96.1%)	*	*	*	*
2018/ 5月	174(23.4%)	588(79.0%)	731(98.3%)	731(98.3%)	734(98.7%)	710(95.4%)	466(62.6%)	465(62.5%)	*	*	*	*
2018/ 6月	131(18.2%)	715(99.3%)	710(98.6%)	707(98.2%)	548(76.1%)	696(96.7%)	633(87.9%)	671(93.2%)	*	*	*	*
2018/ 7月	729(98.0%)	738(99.2%)	732(98.4%)	735(98.8%)	509(68.4%)	725(97.4%)	704(94.6%)	703(94.5%)	*	*	*	*
2018/ 8月	735(98.8%)	728(97.8%)	735(98.8%)	734(98.7%)	738(99.2%)	723(97.2%)	646(86.8%)	721(96.9%)	*	*	*	*
2018/ 9月	713(99.0%)	711(98.8%)	709(98.5%)	709(98.5%)	711(98.8%)	693(96.3%)	535(74.3%)	665(92.4%)	*	*	*	*
2018/10月	730(98.1%)	736(98.9%)	737(99.1%)	743(99.9%)	726(97.6%)	733(98.5%)	740(99.5%)	740(99.5%)	*	*	*	*
2018/11月	716(99.4%)	708(98.3%)	714(99.2%)	714(99.2%)	713(99.0%)	708(98.3%)	336(46.7%)	671(93.2%)	*	*	*	*
2018/冬季	*	1543(71.4%)	2160(100%)	2100(97.2%)	2132(98.7%)	2128(98.5%)	1921(88.9%)	1927(89.2%)	*	*	*	*
2018/春季	933(42.3%)	1534(69.5%)	2130(96.5%)	2175(98.5%)	2181(98.8%)	2116(95.8%)	1838(83.2%)	1861(84.3%)	*	*	*	*
2018/夏季	1595(72.2%)	2181(98.8%)	2177(98.6%)	2176(98.6%)	1795(81.3%)	2144(97.1%)	1983(89.8%)	2095(94.9%)	*	*	*	*
2018/秋季	2159(98.9%)	2155(98.7%)	2160(98.9%)	2166(99.2%)	2150(98.4%)	2134(97.7%)	1611(73.8%)	2076(95.1%)	*	*	*	*
2018/整年	4687(53.5%)	7413(84.6%)	8627(98.5%)	8617(98.4%)	8258(94.3%)	8522(97.3%)	7353(83.9%)	7959(90.9%)	*	*	*	*
起始年月	2018/03	2017/12	2017/12	2017/12	2017/12	2017/12	2017/12	2017/12	*	*	*	*
結束年月	2018/11	2018/11	2018/11	2018/11	2018/11	2018/11	2018/11	2018/11	*	*	*	*

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表 1.1.1b 2018年每月嘉南海域修補後各測站風力資料紀錄表

海域	嘉南海域	嘉南海域	嘉南海域	嘉南海域	嘉南海域	嘉南海域	嘉南海域	嘉南海域	嘉南海域	嘉南海域	嘉南海域	嘉南海域
年月/測站	X	B										
2017/12月	744(100%)	744(100%)	*	*	*	*	*	*	*	*	*	*
2018/ 1月	744(100%)	744(100%)	*	*	*	*	*	*	*	*	*	*
2018/ 2月	672(100%)	672(100%)	*	*	*	*	*	*	*	*	*	*
2018/ 3月	744(100%)	744(100%)	*	*	*	*	*	*	*	*	*	*
2018/ 4月	720(100%)	720(100%)	*	*	*	*	*	*	*	*	*	*
2018/ 5月	744(100%)	744(100%)	*	*	*	*	*	*	*	*	*	*
2018/ 6月	720(100%)	720(100%)	*	*	*	*	*	*	*	*	*	*
2018/ 7月	744(100%)	744(100%)	*	*	*	*	*	*	*	*	*	*
2018/ 8月	744(100%)	744(100%)	*	*	*	*	*	*	*	*	*	*
2018/ 9月	720(100%)	720(100%)	*	*	*	*	*	*	*	*	*	*
2018/10月	744(100%)	744(100%)	*	*	*	*	*	*	*	*	*	*
2018/11月	720(100%)	720(100%)	*	*	*	*	*	*	*	*	*	*
2018/冬季	2160(100%)	2160(100%)	*	*	*	*	*	*	*	*	*	*
2018/春季	2208(100%)	2208(100%)	*	*	*	*	*	*	*	*	*	*
2018/夏季	2208(100%)	2208(100%)	*	*	*	*	*	*	*	*	*	*
2018/秋季	2184(100%)	2184(100%)	*	*	*	*	*	*	*	*	*	*
2018/整年	8760(100%)	8760(100%)	*	*	*	*	*	*	*	*	*	*
起始年月	2017/12	2017/12	*	*	*	*	*	*	*	*	*	*
結束年月	2018/11	2018/11	*	*	*	*	*	*	*	*	*	*

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表1.1.2 2018年嘉南海域 X 站修補後風速及風向重要統計量統計表

序 號	日期 (年/月)	觀測 點數	風速 平均值 (m/s)	平均風 風速/風向 (m/s)/(來向)	最大風 風速/風向 (m/s)/(來向)	輕風 <3.3 (%)	和風 ~7.9 (%)	強風 ~13.8 (%)	疾風 >13.8 (%)	風向 N~E (%)	風向 E~S (%)	風向 S~W (%)	風向 W~N (%)	主要風向 方向/百分比
1	2017/12	744(100%)	8.8	8.6/N	18.1/N	2.6	37.2	54.2	6.0	52.3	.0	.5	47.2	N /80.4%
2	2018/01	744(100%)	8.4	8.2/N	20.3/N	3.5	45.3	43.4	7.8	57.0	.5	.9	41.5	N /73.4%
3	2018/02	672(100%)	8.3	7.9/N	17.4/N	4.2	43.5	45.4	7.0	67.0	.9	3.1	29.0	N /67.3%
4	2018/03	744(100%)	6.1	4.9/N	22.2/N	23.1	52.8	16.9	7.1	49.1	6.0	9.9	34.9	N /40.6%
5	2018/04	720(100%)	4.6	2.4/NNW	19.4/N	36.1	51.7	10.8	1.4	35.1	5.1	17.2	42.5	NNE/18.3%
6	2018/05	744(100%)	4.0	2.1/WSW	10.6/SSW	40.3	55.2	4.4	.0	9.7	14.1	47.0	29.2	SSW/12.6%
7	2018/06	720(100%)	4.5	.7/WSW	16.1/NNE	35.6	57.9	6.0	.6	9.6	32.2	33.1	25.1	SE /13.6%
8	2018/07	744(100%)	4.2	.5/SW	15.3/WSW	39.9	53.9	6.0	.1	12.9	35.3	26.1	25.7	ESE/17.5%
9	2018/08	744(100%)	5.2	2.5/SSE	24.0/WSW	26.7	58.7	13.2	1.3	7.1	54.7	24.6	13.6	ESE/21.1%
10	2018/09	720(100%)	4.9	2.9/N	16.4/NNE	37.8	46.1	14.0	2.1	35.3	14.4	13.1	37.2	NNE/17.1%
11	2018/10	744(100%)	5.4	4.7/N	16.5/N	22.0	62.1	14.7	1.2	58.1	3.4	3.6	34.9	NNE/33.6%
12	2018/11	720(100%)	5.3	4.8/N	14.1/NNE	19.7	68.1	12.1	.1	60.4	1.9	1.7	36.0	NNE/36.0%
13	2018/冬	2160(100%)	8.5	8.2/N	20.3/N	3.4	41.9	47.7	6.9	58.5	.5	1.5	39.6	N /73.9%
14	2018/春	2208(100%)	4.9	2.4/NNW	22.2/N	33.2	53.3	10.7	2.9	31.3	8.5	24.8	35.5	N /20.9%
15	2018/夏	2208(100%)	4.6	1.1/S	24.0/WSW	34.1	56.8	8.4	.7	9.9	40.9	27.9	21.4	ESE/16.1%
16	2018/秋	2184(100%)	5.2	4.2/N	16.5/N	26.5	58.8	13.6	1.1	51.3	6.5	6.1	36.0	NNE/28.9%
17	2018/年	8760(100%)	5.8	3.3/N	24.0/WSW	24.4	52.8	20.0	2.9	37.6	14.2	15.2	33.1	N /30.9%

表1.1.3 2018年嘉南海域B站修補後風速及風向重要統計量統計表

序號	日期 (年/月)	觀測 點數	風速 平均值 (m/s)	平均風 風速/風向 (m/s)/(來向)	最大風 風速/風向 (m/s)/(來向)	輕風 <3.3 (%)	和風 ~7.9 (%)	強風 ~13.8 (%)	疾風 >13.8 (%)	風向 N~E (%)	風向 E~S (%)	風向 S~W (%)	風向 W~N (%)	主要風向 方向/百分比
1	2017/12	744(100%)	6.4	6.1/N	13.8/N	15.9	53.4	30.8	.0	49.6	1.6	.9	47.8	N /59.0%
2	2018/01	744(100%)	6.4	6.1/N	16.7/N	14.8	53.8	30.6	.8	52.6	2.2	.8	44.5	N /56.6%
3	2018/02	672(100%)	7.0	6.7/N	13.4/N	9.2	52.7	38.1	.0	50.4	1.2	1.3	47.0	N /60.4%
4	2018/03	744(100%)	4.7	3.8/N	14.5/N	39.5	46.2	13.8	.4	41.7	8.2	6.0	44.1	N /26.7%
5	2018/04	720(100%)	4.0	2.7/NNW	16.9/N	47.4	44.6	7.1	1.0	29.6	5.8	14.4	50.1	N /20.6%
6	2018/05	744(100%)	3.0	1.3/W	9.8/NW	61.3	37.5	1.2	.0	13.4	11.8	47.0	27.7	SW /15.7%
7	2018/06	720(100%)	4.0	.7/WNW	12.4/NNW	43.8	50.6	5.7	.0	17.5	25.0	26.7	30.8	S /13.3%
8	2018/07	744(100%)	3.2	1.1/SW	10.0/N	54.8	43.7	1.5	.0	8.2	32.4	34.0	25.4	SSE/14.9%
9	2018/08	744(100%)	3.8	2.3/S	12.0/WNW	46.0	49.2	4.8	.0	6.0	44.1	34.5	15.3	SSE/26.3%
10	2018/09	720(100%)	4.4	3.1/NNW	13.4/N	48.9	35.4	15.7	.0	26.4	9.4	16.7	47.5	N /23.8%
11	2018/10	744(100%)	5.3	4.9/N	13.8/N	21.4	66.1	12.4	.1	46.5	1.1	.3	52.2	N /42.1%
12	2018/11	720(100%)	4.6	4.2/N	11.5/N	31.4	60.3	8.3	.0	49.3	3.2	1.5	46.0	N /38.3%
13	2018/冬	2160(100%)	6.6	6.3/N	16.7/N	13.4	53.3	33.0	.3	50.9	1.7	1.0	46.4	N /58.6%
14	2018/春	2208(100%)	3.9	2.3/NNW	16.9/N	49.4	42.8	7.4	.5	28.2	8.7	22.6	40.5	N /17.8%
15	2018/夏	2208(100%)	3.7	1.1/SSW	12.4/NNW	48.2	47.8	4.0	.0	10.5	33.9	31.8	23.8	SSE/17.6%
16	2018/秋	2184(100%)	4.8	4.1/N	13.8/N	33.7	54.1	12.1	.0	40.8	4.5	6.1	48.6	N /34.8%
17	2018/年	8760(100%)	4.7	2.9/NNW	16.9/N	36.3	49.4	14.0	.2	32.5	12.3	15.5	39.8	N /28.9%

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Wind Speed in Chia-Nan Seas of CNX0 at 2018

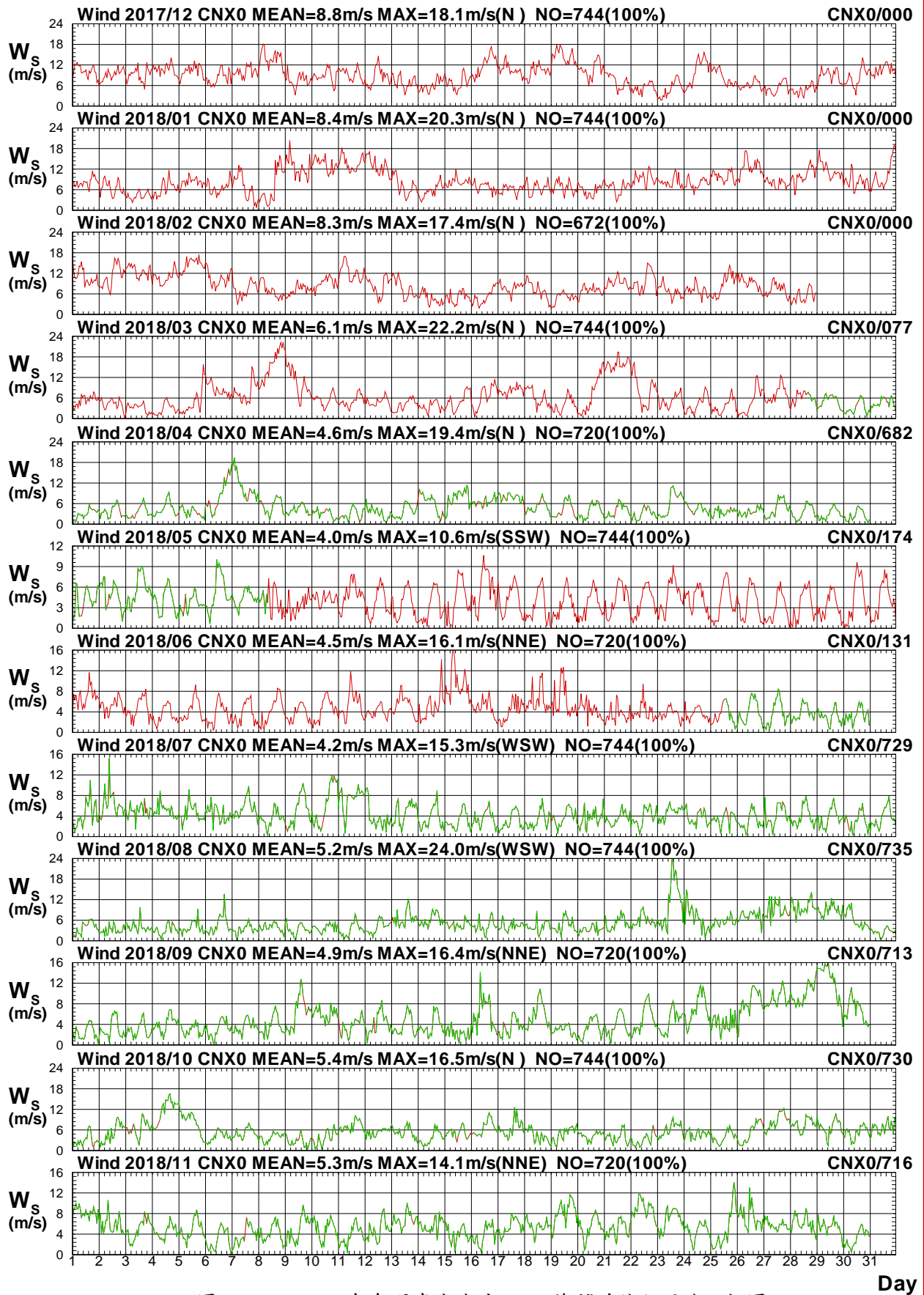


圖1.1.1a 2018年每月嘉南海域 X 站修補前後之風速比較圖

W17CCNX0.1HA W17CCNX0.1H0 W181CNX0.1HA W181CNX0.1H0 W182CNX0.1HA W182CNX0.1H0
 W183CNX0.1HA W183CNX0.1H0 W184CNX0.1HA W184CNX0.1H0 W185CNX0.1HA W185CNX0.1H0

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Wind Direction in Chia-Nan Seas of CNX0 at 2018

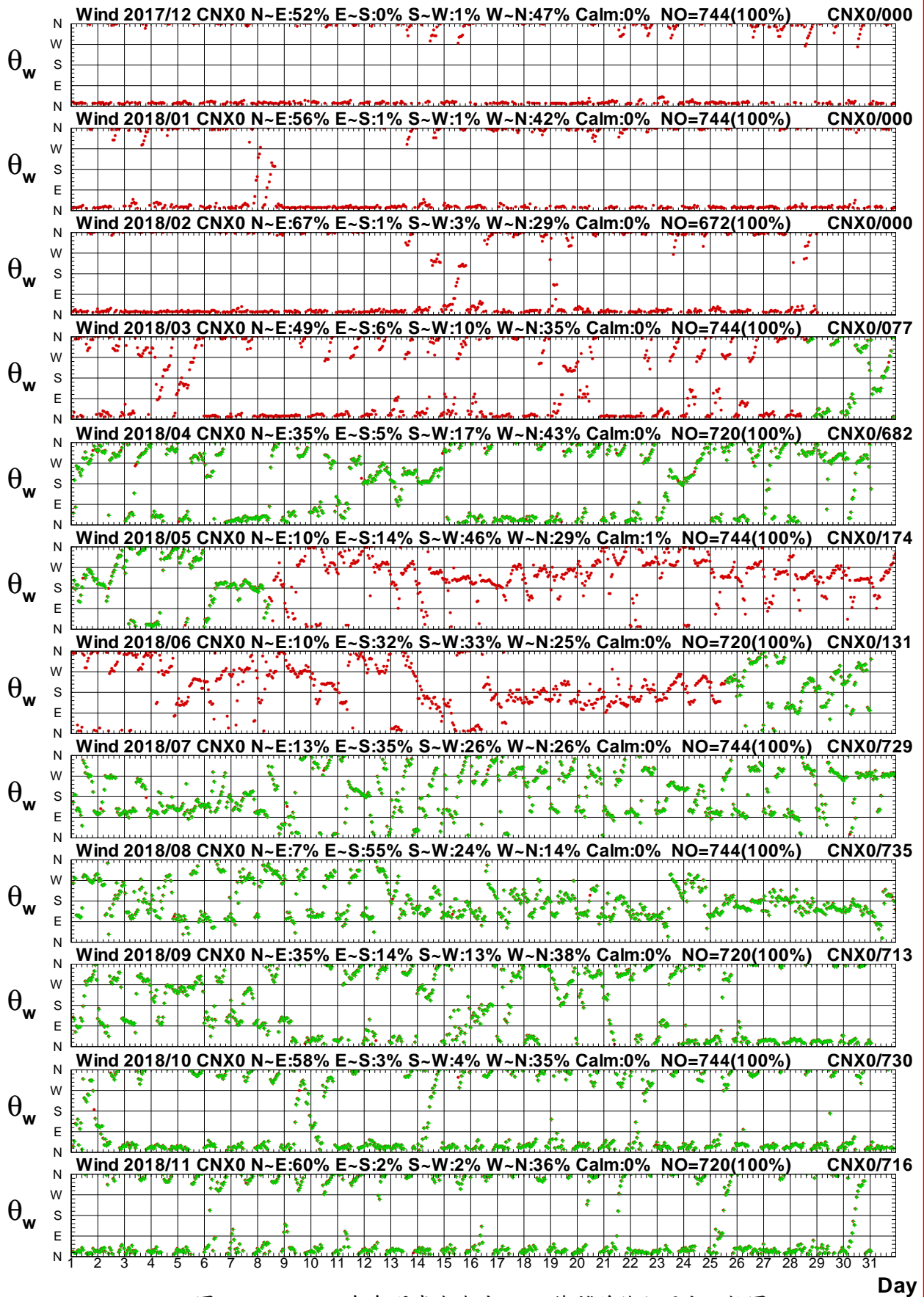


圖1.1.1b 2018年每月嘉南海域 X 站修補前後之風向比較圖

W17CCNX0.1HA W17CCNX0.1H0 W181CNX0.1HA W181CNX0.1H0 W182CNX0.1HA W182CNX0.1H0
 W183CNX0.1HA W183CNX0.1H0 W184CNX0.1HA W184CNX0.1H0 W185CNX0.1HA W185CNX0.1H0

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Wind Speed in Chia-Nan Seas of CNB0 at 2018

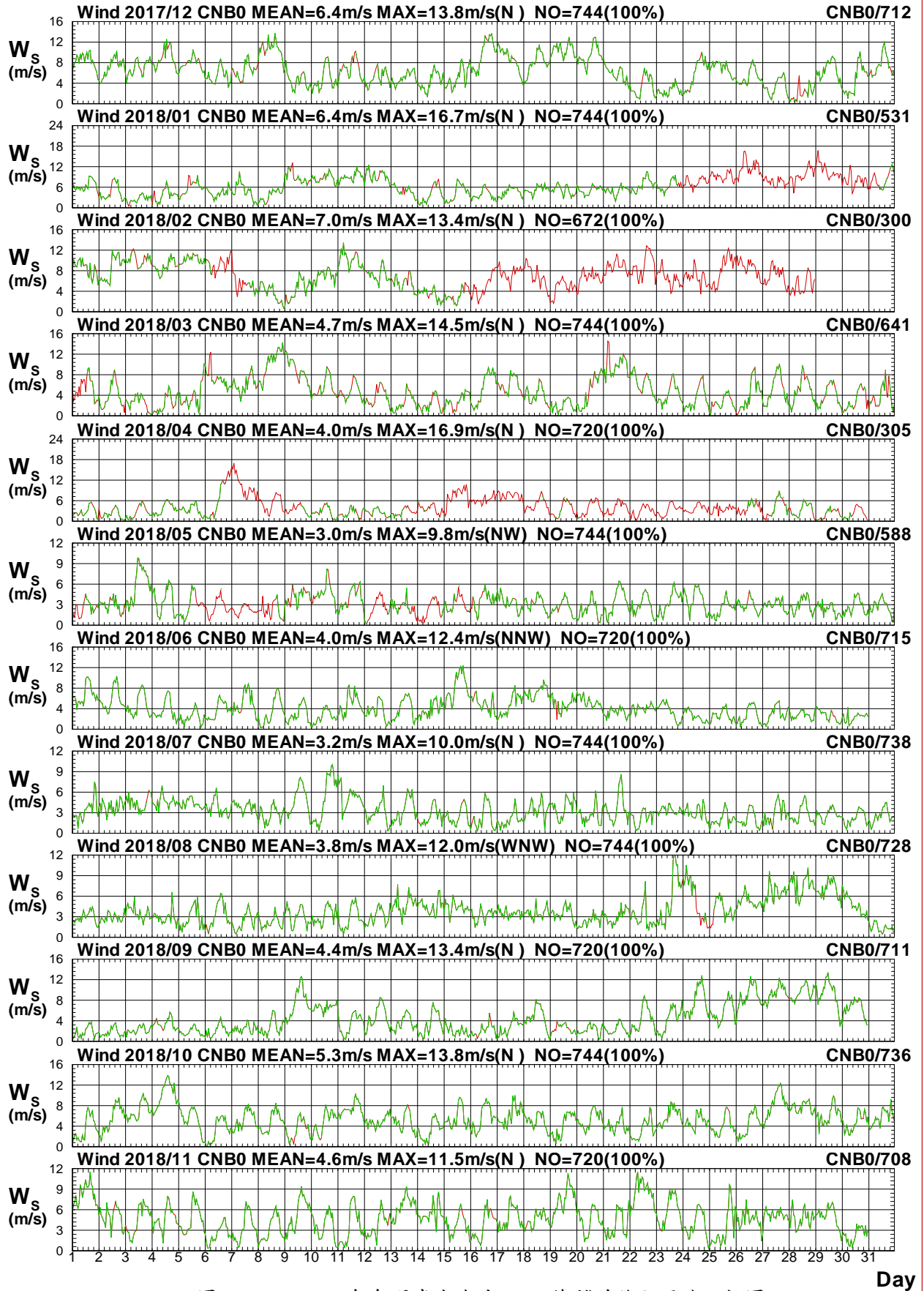


圖1.1.2a 2018年每月嘉南海域 B 站修補前後之風速比較圖

W17CCNB0.1HA W17CCNB0.1HO W181CNB0.1HA W181CNB0.1HO W182CNB0.1HA W182CNB0.1HO
 W183CNB0.1HA W183CNB0.1HO W184CNB0.1HA W184CNB0.1HO W185CNB0.1HA W185CNB0.1HO

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Wind Direction in Chia-Nan Seas of CNB0 at 2018

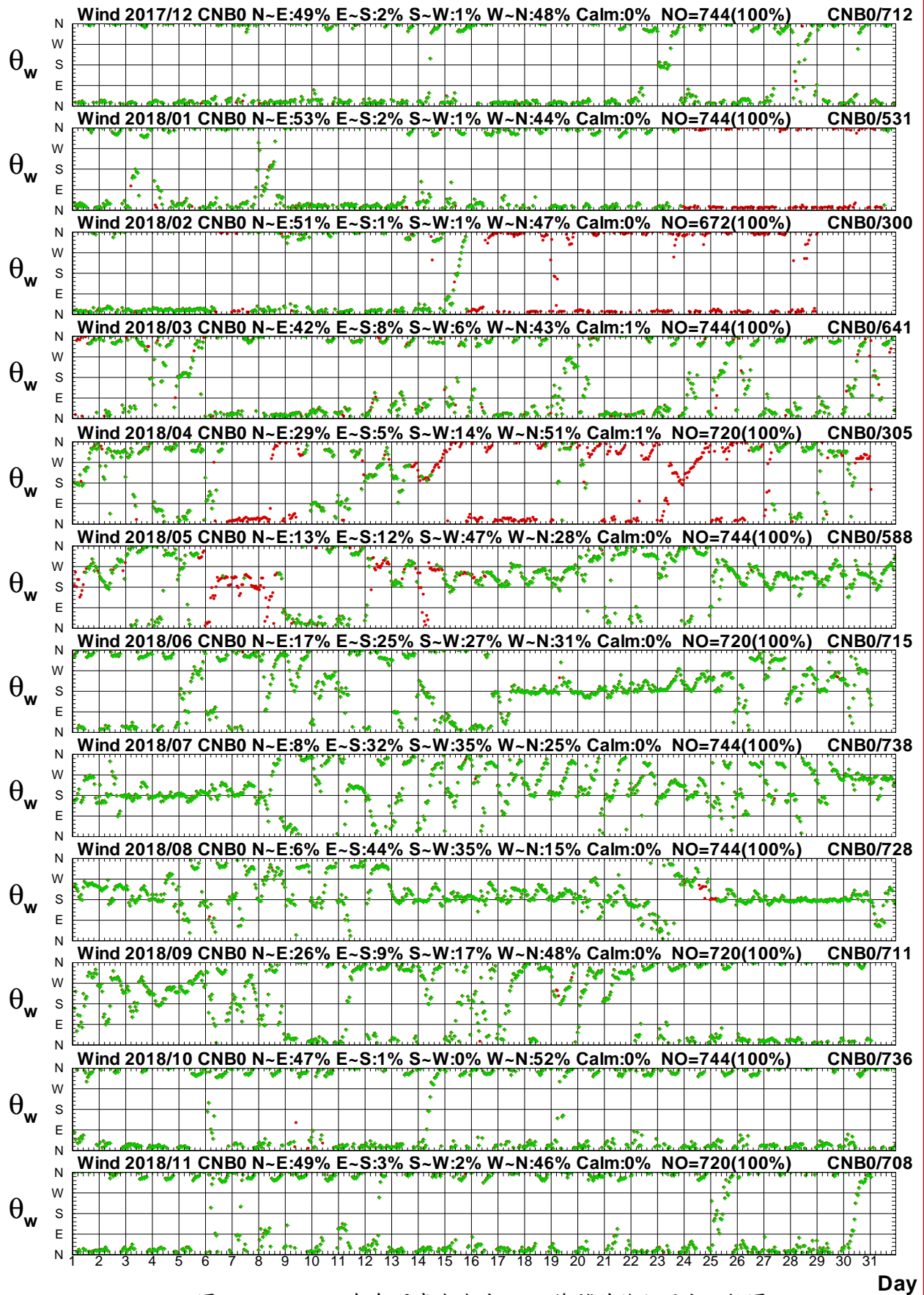


圖1.1.2b 2018年每月嘉南海域 B 站修補前後之風向比較圖

W17CCNB0.1HA W17CCNB0.1H0 W181CNB0.1HA W181CNB0.1H0 W182CNB0.1HA W182CNB0.1H0
 W183CNB0.1HA W183CNB0.1H0 W184CNB0.1HA W184CNB0.1H0 W185CNB0.1HA W185CNB0.1H0

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Distribution of Wind Vectors

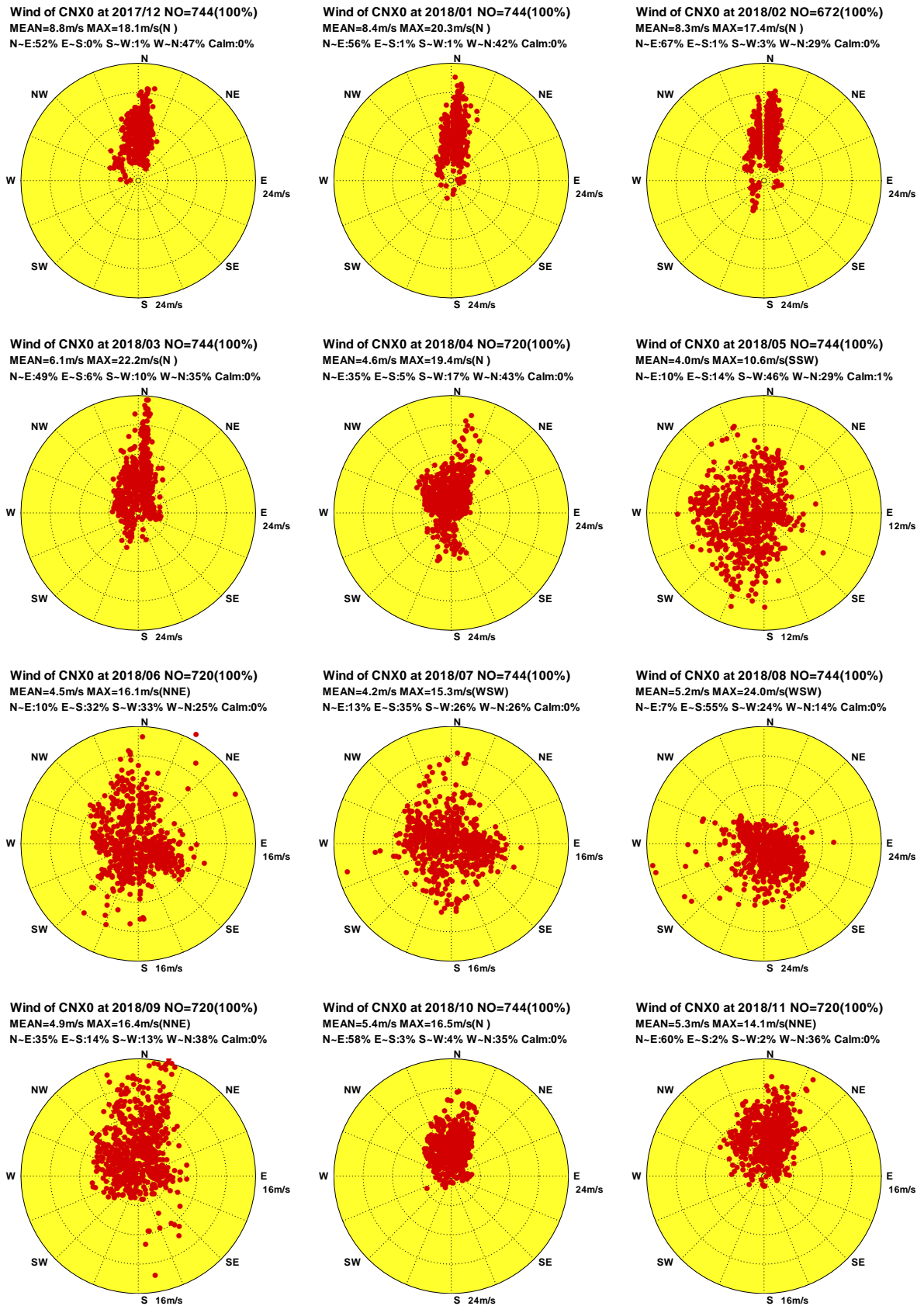


圖1.1.3 2018年嘉南海域每月 X 站修補後觀測風力向量分佈圖

W17CCNX0.1HA W181CNX0.1HA W182CNX0.1HA W183CNX0.1HA W184CNX0.1HA W185CNX0.1HA
 W186CNX0.1HA W187CNX0.1HA W188CNX0.1HA W189CNX0.1HA W18ACNX0.1HA W18BCNX0.1HA

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Distribution of Wind Vectors

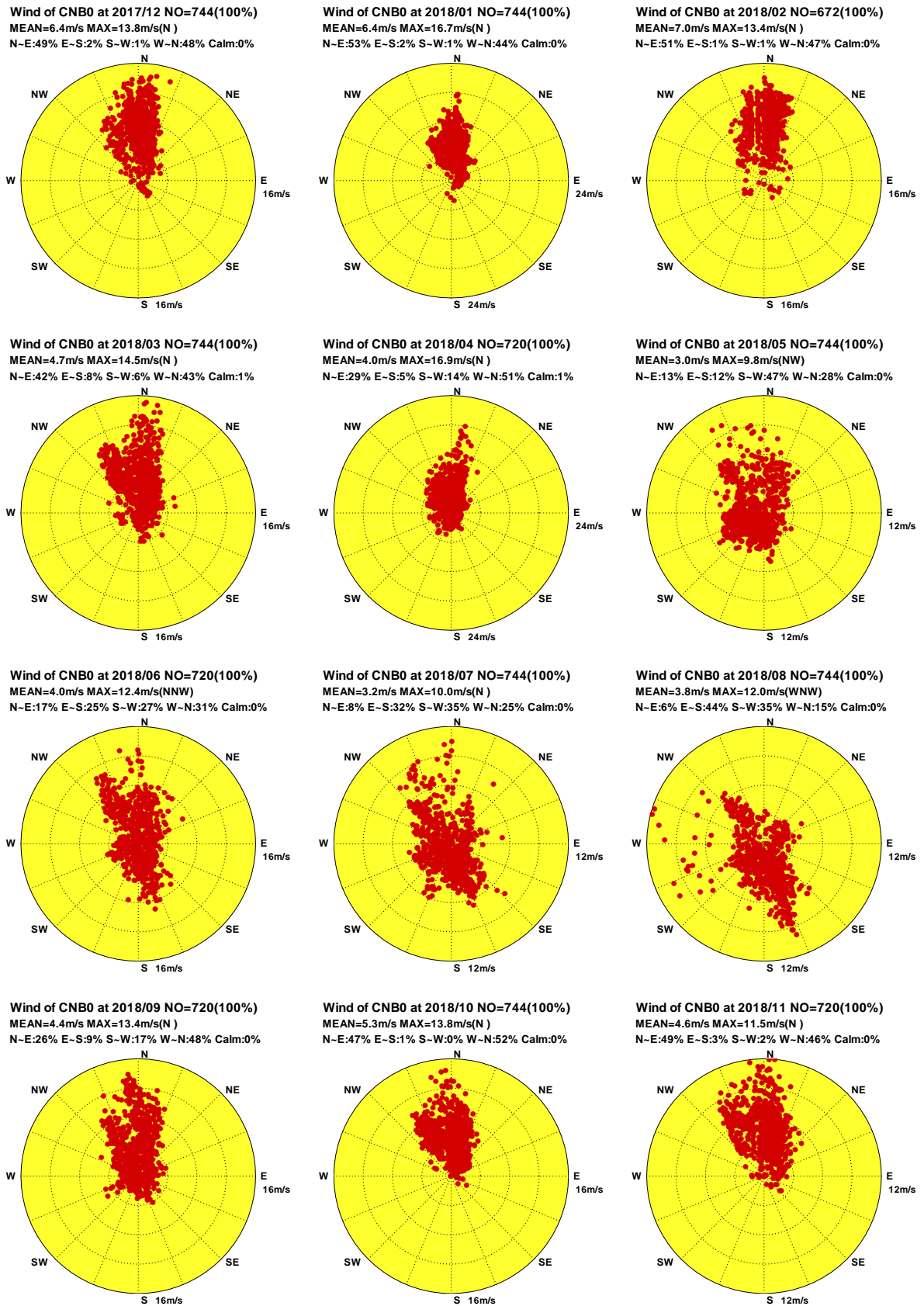


圖1.1.4 2018年嘉南海域每月 B 站修補後觀測風力向量分佈圖

W17CCNB0.1HA W181CNB0.1HA W182CNB0.1HA W183CNB0.1HA W184CNB0.1HA W185CNB0.1HA
W186CNB0.1HA W187CNB0.1HA W188CNB0.1HA W189CNB0.1HA W18ACNB0.1HA W18BCNB0.1HA

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Progressive Vector Diagram of Wind

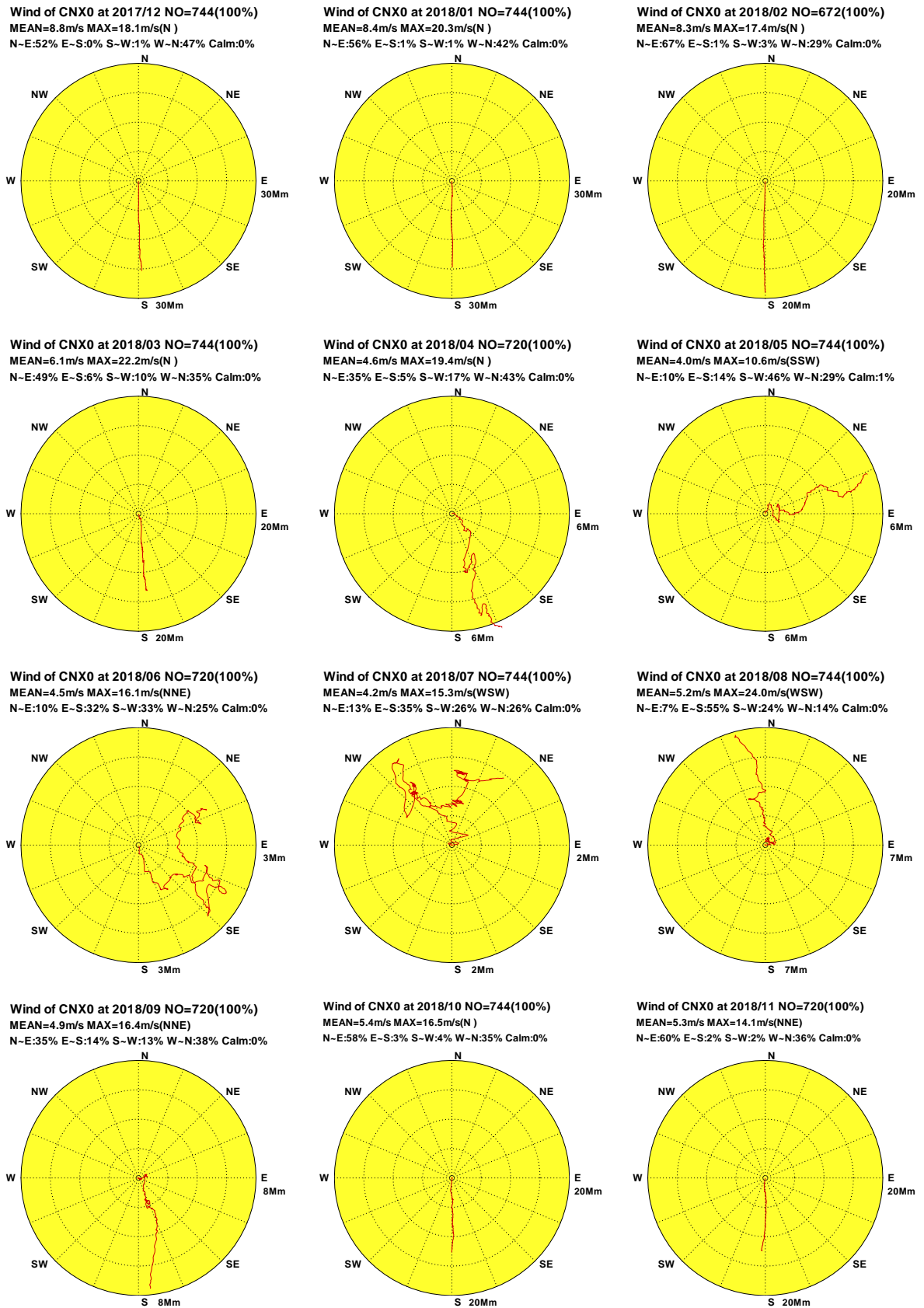


圖1.1.5 2018年嘉南海域每月 X 站修補後觀測風力向量行進圖

W17CCNX0.1HA W181CNX0.1HA W182CNX0.1HA W183CNX0.1HA W184CNX0.1HA W185CNX0.1HA
 W186CNX0.1HA W187CNX0.1HA W188CNX0.1HA W189CNX0.1HA W18ACNX0.1HA W18BCNX0.1HA

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Progressive Vector Diagram of Wind

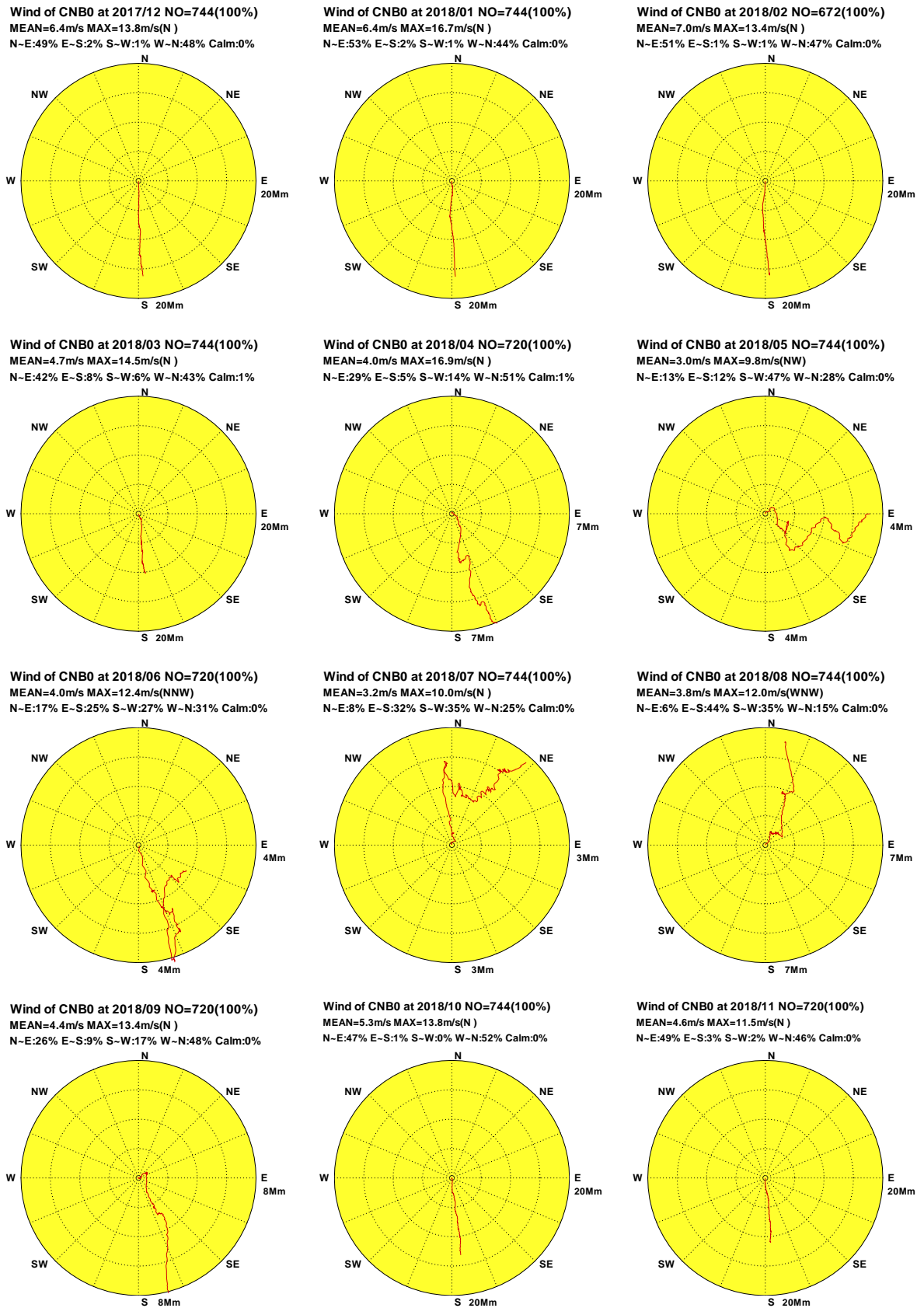


圖1.1.6 2018年嘉南海域每月B站修補後觀測風力向量行進圖

W17CCNB0.1HA W181CNB0.1HA W182CNB0.1HA W183CNB0.1HA W184CNB0.1HA W185CNB0.1HA
W186CNB0.1HA W187CNB0.1HA W188CNB0.1HA W189CNB0.1HA W18ACNB0.1HA W18BCNB0.1HA

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1.2 2018 年嘉南海域各測站修補前 風力統計量統計表

表1.2.1 2018年嘉南海域 X 站修補前風速及風向重要統計量統計表

序 號	日期 (年/月)	觀測 點數	風速 平均值 (m/s)	平均風 風速/風向 (m/s)/(來向)	最大風 風速/風向 (m/s)/(來向)	輕風 <3.3 (%)	和風 ~7.9 (%)	強風 ~13.8 (%)	疾風 >13.8 (%)	風向 N~E (%)	風向 E~S (%)	風向 S~W (%)	風向 W~N (%)	主要風向 方向/百分比
1	2017/12													
2	2018/01													
3	2018/02													
4	2018/03	77(10%)	4.4	2.2/N	7.7/NNW	31.2	68.8	.0	.0	32.5	16.9	7.8	42.9	N /18.2%
5	2018/04	682(95%)	4.6	2.5/NNW	19.4/N	36.2	51.3	11.1	1.3	35.3	5.3	16.9	42.5	NNE/18.2%
6	2018/05	174(23%)	4.5	1.1/WSW	10.1/S	25.9	67.8	6.3	.0	15.5	20.7	33.3	30.5	S /23.0%
7	2018/06	131(18%)	3.6	1.2/WSW	8.4/WNW	50.4	48.1	1.5	.0	9.2	26.0	37.4	27.5	ESE/13.7%
8	2018/07	729(98%)	4.2	.5/SW	15.3/WSW	40.2	53.8	5.9	.1	12.6	35.7	25.9	25.8	ESE/17.8%
9	2018/08	735(99%)	5.2	2.5/SSE	24.0/WSW	26.8	58.8	13.1	1.4	7.2	54.6	24.6	13.6	ESE/21.2%
10	2018/09	713(99%)	4.9	2.9/N	16.4/NNE	37.9	46.0	14.0	2.1	34.8	14.4	13.2	37.6	NNE/16.7%
11	2018/10	730(98%)	5.4	4.7/N	16.5/N	22.1	62.3	14.4	1.2	58.1	3.2	3.6	35.2	NNE/33.3%
12	2018/11	716(99%)	5.3	4.8/N	14.1/NNE	19.8	67.9	12.2	.1	60.8	1.8	1.7	35.8	NNE/36.2%
13	2018/冬													
14	2018/春	933(42%)	4.6	2.0/NNW	19.4/N	33.9	55.8	9.3	1.0	31.4	9.1	19.2	40.3	NNE/15.9%
15	2018/夏	1595(72%)	4.6	1.4/S	24.0/WSW	34.9	55.6	8.8	.7	9.8	43.6	26.3	20.3	ESE/19.1%
16	2018/秋	2159(99%)	5.2	4.1/N	16.5/N	26.5	58.8	13.5	1.2	51.3	6.4	6.1	36.2	NNE/28.8%
17	2018/年	4687(54%)	4.9	1.8/N	24.0/WSW	30.8	57.1	11.1	1.0	33.2	19.6	15.6	31.6	NNE/16.9%

1-2-1

表1.2.2 2018年嘉南海域B站修補前風速及風向重要統計量統計表

序號	日期 (年/月)	觀測 點數	風速 平均值 (m/s)	平均風 風速/風向 (m/s)/(來向)	最大風 風速/風向 (m/s)/(來向)	輕風 <3.3 (%)	和風 ~7.9 (%)	強風 ~13.8 (%)	疾風 >13.8 (%)	風向 N~E (%)	風向 E~S (%)	風向 S~W (%)	風向 W~N (%)	主要風向 方向/百分比
1	2017/12	712(96%)	6.3	6.0/N	13.8/N	15.9	53.8	30.3	.0	49.6	1.5	1.0	47.9	N /58.7%
2	2018/01	531(71%)	5.5	5.1/N	12.7/N	20.0	61.6	18.5	.0	50.8	2.8	.9	45.4	N /49.2%
3	2018/02	300(45%)	6.9	6.6/N	13.4/N	13.7	45.3	41.0	.0	64.0	1.3	1.0	33.7	N /58.0%
4	2018/03	641(86%)	4.7	3.8/N	14.3/N	40.1	44.8	15.0	.2	42.9	8.6	6.4	42.1	N /26.7%
5	2018/04	305(42%)	3.0	1.8/NW	12.0/N	62.6	36.1	1.3	.0	21.0	9.8	16.1	53.1	NW /30.2%
6	2018/05	588(79%)	3.2	1.4/W	9.8/NW	58.7	39.8	1.5	.0	13.4	8.7	46.9	31.0	SW /15.6%
7	2018/06	715(99%)	4.0	.7/WNW	12.4/NNW	43.5	50.8	5.7	.0	17.5	25.2	26.6	30.8	S /13.4%
8	2018/07	738(99%)	3.2	1.1/SW	10.0/N	54.9	43.6	1.5	.0	8.3	32.4	34.1	25.2	S /14.9%
9	2018/08	728(98%)	3.8	2.3/S	12.0/WNW	45.5	49.6	4.9	.0	6.2	44.0	34.3	15.5	SSE/26.9%
10	2018/09	711(99%)	4.4	3.2/NNW	13.4/N	48.7	35.7	15.6	.0	26.4	9.6	16.2	47.8	N /23.9%
11	2018/10	736(99%)	5.3	4.9/N	13.8/N	21.2	66.2	12.5	.1	46.6	1.0	.3	52.2	N /42.0%
12	2018/11	708(98%)	4.7	4.2/N	11.5/N	31.4	60.2	8.5	.0	49.2	3.2	1.6	46.0	N /38.3%
13	2018/冬	1543(71%)	6.2	5.8/N	13.8/N	16.9	54.8	28.3	.0	52.8	1.9	1.0	44.3	N /55.3%
14	2018/春	1534(70%)	3.8	2.1/NNW	14.3/N	51.7	41.1	7.1	.1	27.2	8.9	23.9	40.0	NW /17.1%
15	2018/夏	2181(99%)	3.7	1.1/SSW	12.4/NNW	48.0	48.0	4.0	.0	10.6	33.9	31.7	23.8	SSE/17.7%
16	2018/秋	2155(99%)	4.8	4.1/N	13.8/N	33.6	54.2	12.2	.0	40.8	4.5	5.9	48.7	N /34.8%
17	2018/年	7413(85%)	4.5	2.6/NNW	14.3/N	38.1	49.8	12.1	.0	31.6	13.5	16.2	38.7	N /26.2%

1-2-2

表1.2.3 2018年嘉南海域 W 站修補前風速及風向重要統計量統計表

序號	日期 (年/月)	觀測 點數	風速 平均值 (m/s)	平均風 風速/風向 (m/s)/(來向)	最大風 風速/風向 (m/s)/(來向)	輕風 <3.3 (%)	和風 ~7.9 (%)	強風 ~13.8 (%)	疾風 >13.8 (%)	風向 N~E (%)	風向 E~S (%)	風向 S~W (%)	風向 W~N (%)	主要風向 方向/百分比
1	2017/12	744(100%)	5.4	5.1/N	11.8/NNE	14.1	76.2	9.7	.0	73.7	.0	.7	25.7	N /55.1%
2	2018/01	744(100%)	5.2	4.9/N	12.6/N	14.2	74.3	11.4	.0	73.0	1.1	.9	25.0	N /49.1%
3	2018/02	672(100%)	5.4	4.9/N	11.7/N	14.9	72.3	12.8	.0	72.6	.9	3.1	23.4	N /50.9%
4	2018/03	726(98%)	4.3	2.8/N	13.3/N	34.4	57.6	8.0	.0	51.7	7.2	11.8	29.3	N /25.3%
5	2018/04	673(94%)	3.8	1.8/NW	13.8/NNE	47.0	49.3	3.6	.1	31.9	5.5	27.5	35.1	N /18.7%
6	2018/05	731(98%)	3.4	1.8/SW	9.1/SSW	52.8	46.5	.7	.0	9.0	19.7	49.2	22.0	SSW/15.5%
7	2018/06	710(99%)	3.8	.5/SSW	14.2/ENE	43.8	53.2	2.8	.1	13.8	34.8	28.0	23.4	ESE/15.4%
8	2018/07	732(98%)	3.6	.8/SSW	15.0/WSW	50.3	48.0	1.6	.1	15.3	32.4	37.0	15.3	ESE/18.7%
9	2018/08	735(99%)	4.0	1.8/SSE	24.6/WSW	46.0	49.3	3.5	1.2	10.9	51.6	31.7	5.9	ESE/22.2%
10	2018/09	709(99%)	3.8	2.0/NNW	13.7/NNE	46.7	47.7	5.6	.0	33.9	11.4	20.3	34.4	N /20.5%
11	2018/10	737(99%)	4.2	3.2/N	12.6/NNE	34.5	61.7	3.8	.0	52.0	3.5	8.5	36.0	N /35.5%
12	2018/11	714(99%)	4.1	3.4/N	11.5/NNE	32.1	65.7	2.2	.0	56.4	1.7	4.8	37.1	N /35.7%
13	2018/冬	2160(100%)	5.3	4.9/N	12.6/N	14.4	74.4	11.3	.0	73.1	.6	1.5	24.7	N /51.7%
14	2018/春	2130(97%)	3.9	1.3/NW	13.8/NNE	44.7	51.2	4.1	.0	30.8	10.9	29.6	28.6	N /16.7%
15	2018/夏	2177(99%)	3.8	1.0/S	24.6/WSW	46.7	50.1	2.7	.5	13.3	39.6	32.3	14.7	ESE/18.8%
16	2018/秋	2160(99%)	4.0	2.8/N	13.7/NNE	37.7	58.4	3.9	.0	47.5	5.5	11.2	35.8	N /30.6%
17	2018/年	8627(99%)	4.3	1.9/N	24.6/WSW	35.9	58.5	5.5	.1	41.2	14.2	18.6	26.0	N /25.7%

1-2-3

表1.2.4 2018年嘉南海域 Q 站修補前風速及風向重要統計量統計表

序號	日期 (年/月)	觀測 點數	風速 平均值 (m/s)	平均風 風速/風向 (m/s)/(來向)	最大風 風速/風向 (m/s)/(來向)	輕風 <3.3 (%)	和風 ~7.9 (%)	強風 ~13.8 (%)	疾風 >13.8 (%)	風向 N~E (%)	風向 E~S (%)	風向 S~W (%)	風向 W~N (%)	主要風向 方向/百分比
1	2017/12	563(76%)	8.4	8.1/NNE	17.5/NNE	10.7	36.9	44.0	8.3	86.0	2.0	1.8	10.3	NNE/66.3%
2	2018/01	709(95%)	7.4	7.1/NNE	15.8/NNE	11.7	46.7	38.4	3.2	88.6	1.4	.1	9.9	NNE/63.0%
3	2018/02	655(98%)	7.3	7.0/NNE	17.5/NNE	15.9	38.9	42.6	2.6	83.8	.8	.6	14.8	NNE/54.8%
4	2018/03	704(95%)	5.5	4.6/NNE	16.3/NNE	34.5	38.8	24.7	2.0	61.6	9.4	4.8	24.1	NNE/33.2%
5	2018/04	692(96%)	4.5	2.5/N	17.3/NNE	44.2	42.3	11.3	2.2	41.5	8.1	19.9	30.5	NNE/23.1%
6	2018/05	465(63%)	4.2	2.1/WSW	11.8/NNW	33.3	63.7	3.0	.0	11.6	10.1	59.4	18.9	SW /18.3%
7	2018/06	671(93%)	5.0	.7/NNE	15.7/NNE	28.5	59.5	11.5	.6	28.3	29.2	21.3	21.2	SSE/15.9%
8	2018/07	703(95%)	4.1	1.2/SSW	11.6/N	37.3	57.0	5.7	.0	12.9	31.9	34.4	20.8	SSE/13.9%
9	2018/08	721(97%)	4.9	2.9/S	22.9/W	27.9	61.9	8.6	1.7	6.0	50.2	30.8	13.0	SSE/27.0%
10	2018/09	665(92%)	5.6	3.7/N	16.2/NNE	33.4	39.5	23.9	3.2	44.8	9.3	21.4	24.5	NNE/26.9%
11	2018/10	740(100%)	6.5	6.1/NNE	14.9/NNE	15.1	52.4	31.9	.5	77.2	.8	.9	21.1	NNE/50.0%
12	2018/11	671(93%)	5.7	5.3/NNE	16.1/NNE	24.0	53.7	21.6	.7	75.3	3.6	1.0	20.1	NNE/43.4%
13	2018/冬	1927(89%)	7.7	7.4/NNE	17.5/NNE	12.8	41.2	41.5	4.5	86.2	1.3	.8	11.7	NNE/61.2%
14	2018/春	1861(84%)	4.8	2.4/N	17.3/NNE	37.8	46.3	14.3	1.6	41.6	9.1	24.1	25.2	NNE/22.7%
15	2018/夏	2095(95%)	4.6	1.2/S	22.9/W	31.2	59.5	8.5	.8	15.5	37.3	29.0	18.2	SSE/19.1%
16	2018/秋	2076(95%)	5.9	5.1/N	16.2/NNE	23.8	48.7	26.0	1.4	66.2	4.4	7.5	21.9	NNE/40.5%
17	2018/年	7959(91%)	5.8	3.3/NNE	22.9/W	26.4	49.2	22.4	2.0	51.9	13.4	15.4	19.2	NNE/32.4%

1-2-4

表1.2.5 2018年嘉南海域 Y 站修補前風速及風向重要統計量統計表

序號	日期 (年/月)	觀測 點數	風速 平均值 (m/s)	平均風 風速/風向 (m/s)/(來向)	最大風 風速/風向 (m/s)/(來向)	輕風 <3.3 (%)	和風 ~7.9 (%)	強風 ~13.8 (%)	疾風 >13.8 (%)	風向 N~E (%)	風向 E~S (%)	風向 S~W (%)	風向 W~N (%)	主要風向 方向/百分比
1	2017/12	718(97%)	9.3	9.1/NNE	16.5/NNE	3.5	30.2	57.0	9.3	93.6	.3	.1	6.0	NNE/71.6%
2	2018/01	722(97%)	8.5	8.3/NNE	16.3/NNE	5.7	34.3	55.3	4.7	95.8	1.5	.3	2.4	NNE/67.7%
3	2018/02	660(98%)	8.8	8.4/NNE	16.5/NNE	6.2	33.3	53.6	6.8	91.1	1.8	1.5	5.6	NNE/61.2%
4	2018/03	734(99%)	5.8	4.9/NNE	18.3/NNE	27.1	47.0	23.3	2.6	71.3	9.8	4.2	14.7	NNE/35.0%
5	2018/04	710(99%)	4.5	2.8/N	17.8/NNE	43.7	41.8	11.4	3.1	45.8	7.0	14.4	32.8	NNE/22.3%
6	2018/05	731(98%)	3.5	.9/WSW	11.2/N	47.6	51.0	1.4	.0	16.7	18.2	41.0	24.1	S /17.6%
7	2018/06	707(98%)	4.9	.6/ENE	14.1/N	28.9	56.6	14.4	.1	26.3	33.4	19.9	20.4	N /19.0%
8	2018/07	735(99%)	3.7	1.1/SW	12.0/N	42.7	53.9	3.4	.0	12.0	30.2	33.7	24.1	W /11.3%
9	2018/08	734(99%)	4.9	2.8/S	16.8/W	34.1	50.8	14.0	1.1	7.2	50.4	28.9	13.5	SE /17.0%
10	2018/09	709(99%)	5.3	3.6/N	15.7/N	39.9	35.0	21.7	3.4	46.7	9.2	18.3	25.8	N /23.1%
11	2018/10	743(100%)	7.0	6.8/NNE	16.1/N	13.5	48.2	35.9	2.4	87.9	.7	.9	10.5	NNE/50.7%
12	2018/11	714(99%)	6.6	6.4/NNE	15.3/NNE	15.0	51.8	31.5	1.7	86.6	1.0	.6	11.9	NNE/52.0%
13	2018/冬	2100(97%)	8.8	8.6/NNE	16.5/NNE	5.1	32.6	55.3	7.0	93.6	1.2	.6	4.6	NNE/67.0%
14	2018/春	2175(99%)	4.6	2.4/N	18.3/NNE	39.4	46.7	12.0	1.9	44.6	11.7	19.9	23.8	NNE/21.6%
15	2018/夏	2176(99%)	4.5	1.2/S	16.8/W	35.3	53.7	10.6	.4	15.0	38.1	27.6	19.3	SSE/13.7%
16	2018/秋	2166(99%)	6.3	5.6/NNE	16.1/N	22.6	45.1	29.8	2.5	74.0	3.6	6.5	16.0	NNE/41.8%
17	2018/年	8617(98%)	6.0	3.8/NNE	18.3/NNE	25.8	44.6	26.7	2.9	56.4	13.8	13.8	16.0	NNE/33.5%

1-2-5

表1.2.6 2018年嘉南海域 H 站修補前風速及風向重要統計量統計表

序號	日期 (年/月)	觀測 點數	風速 平均值 (m/s)	平均風 風速/風向 (m/s)/(來向)	最大風 風速/風向 (m/s)/(來向)	輕風 <3.3 (%)	和風 ~7.9 (%)	強風 ~13.8 (%)	疾風 >13.8 (%)	風向 N~E (%)	風向 E~S (%)	風向 S~W (%)	風向 W~N (%)	主要風向 方向/百分比
1	2017/12	734(99%)	6.1	5.7/N	13.8/NNE	14.0	64.4	21.4	.1	71.1	.4	.3	28.2	NNE/50.3%
2	2018/01	732(98%)	5.8	5.2/N	13.1/N	10.1	72.8	17.1	.0	67.8	1.4	.5	30.3	NNE/51.8%
3	2018/02	666(99%)	6.2	5.4/N	14.1/NNW	13.7	60.4	25.8	.2	67.3	2.4	2.7	27.6	NNE/44.9%
4	2018/03	736(99%)	5.1	3.5/N	14.3/NNE	29.9	53.0	17.0	.1	48.5	9.5	5.0	37.0	NNE/21.2%
5	2018/04	711(99%)	4.5	2.3/NNW	15.3/N	38.7	49.2	11.7	.4	31.2	7.2	15.5	46.1	NW /13.6%
6	2018/05	734(99%)	3.9	1.6/WSW	10.3/NW	40.6	55.6	3.8	.0	9.4	20.0	36.8	33.8	S /14.7%
7	2018/06	548(76%)	5.2	.7/S	18.0/S	30.1	52.9	15.9	1.1	15.7	39.2	15.5	29.6	SE /13.3%
8	2018/07	509(68%)	3.9	1.3/W	10.5/NNW	46.8	47.9	5.3	.0	16.7	20.8	23.0	39.5	WNW/15.5%
9	2018/08	738(99%)	4.9	2.3/SSE	19.9/WSW	29.5	58.7	10.3	1.5	12.7	51.1	20.7	15.4	SE /20.1%
10	2018/09	711(99%)	4.6	2.6/NNW	17.5/S	42.2	44.7	12.0	1.1	33.2	13.9	13.1	39.8	NNE/14.3%
11	2018/10	726(98%)	4.8	3.8/N	15.3/N	32.1	55.0	12.1	.8	50.4	4.8	4.7	40.1	NNE/26.0%
12	2018/11	713(99%)	4.7	4.1/N	12.0/NNE	31.4	56.7	11.9	.0	56.4	2.2	1.3	40.1	NNE/31.8%
13	2018/冬	2132(99%)	6.0	5.4/N	14.1/NNW	12.6	66.0	21.3	.1	68.8	1.4	1.1	28.8	NNE/49.1%
14	2018/春	2181(99%)	4.5	1.9/NNW	15.3/N	36.4	52.6	10.8	.2	29.7	12.3	19.1	38.9	NW /12.6%
15	2018/夏	1795(81%)	4.7	1.1/S	19.9/WSW	34.6	53.9	10.6	.9	14.8	38.9	19.8	26.6	SE /14.3%
16	2018/秋	2150(98%)	4.7	3.5/N	17.5/S	35.2	52.1	12.0	.7	46.7	7.0	6.3	40.0	NNE/24.1%
17	2018/年	8258(94%)	5.0	2.5/N	19.9/WSW	29.5	56.2	13.8	.4	41.0	13.9	11.3	33.9	NNE/22.7%

1-2-6

表1.2.7 2018年嘉南海域E站修補前風速及風向重要統計量統計表

序 號	日期 (年/月)	觀測 點數	風速 平均值 (m/s)	平均風 風速/風向 (m/s)/(來向)	最大風 風速/風向 (m/s)/(來向)	輕風 <3.3 (%)	和風 ~7.9 (%)	強風 ~13.8 (%)	疾風 >13.8 (%)	風向 N~E (%)	風向 E~S (%)	風向 S~W (%)	風向 W~N (%)	主要風向 方向/百分比
1	2017/12	735(99%)	5.3	5.1/N	12.1/N	20.1	66.5	13.3	.0	37.6	.3	.3	61.9	N /59.5%
2	2018/01	732(98%)	5.1	4.8/N	10.9/N	18.0	70.9	11.1	.0	45.2	1.1	.5	53.1	N /59.6%
3	2018/02	661(98%)	5.4	5.1/N	11.7/N	20.3	64.1	15.6	.0	39.6	1.1	2.1	57.2	N /53.4%
4	2018/03	718(97%)	3.9	3.0/N	13.6/N	46.4	45.5	8.1	.0	41.1	6.8	6.7	45.4	N /31.6%
5	2018/04	688(96%)	3.3	1.8/NNW	13.9/N	58.1	37.9	3.8	.1	25.7	7.6	19.3	47.4	N /20.3%
6	2018/05	710(95%)	2.7	1.0/SW	7.9/NNW	63.9	35.9	.1	.0	8.0	29.4	36.6	25.9	SSE/15.1%
7	2018/06	696(97%)	3.5	.3/SE	10.7/SSE	52.7	42.2	5.0	.0	14.4	36.2	21.8	27.6	SE /14.1%
8	2018/07	725(97%)	2.7	.6/SSW	9.0/NNW	67.4	31.4	1.1	.0	13.7	33.4	35.3	17.7	W /11.4%
9	2018/08	723(97%)	3.5	1.8/SSE	14.8/SW	56.2	39.6	3.9	.4	10.4	57.0	23.8	8.9	ESE/21.7%
10	2018/09	693(96%)	3.5	2.3/NNW	12.6/N	56.9	34.6	8.5	.0	29.0	10.1	20.3	40.5	N /21.1%
11	2018/10	733(99%)	4.0	3.7/N	13.0/N	39.3	56.5	4.2	.0	43.9	1.1	3.0	52.0	N /39.8%
12	2018/11	708(98%)	3.8	3.5/N	10.5/NNE	41.0	56.5	2.5	.0	46.6	1.0	2.1	50.3	N /37.1%
13	2018/冬	2128(99%)	5.2	5.0/N	12.1/N	19.5	67.3	13.3	.0	40.8	.8	.9	57.4	N /57.6%
14	2018/春	2116(96%)	3.3	1.5/NNW	13.9/N	56.1	39.8	4.0	.0	25.0	14.7	20.8	39.5	N /19.2%
15	2018/夏	2144(97%)	3.2	.8/SSE	14.8/SW	58.9	37.7	3.3	.1	12.8	42.3	27.1	17.9	ESE/14.5%
16	2018/秋	2134(98%)	3.8	3.1/N	13.0/N	45.5	49.4	5.1	.0	40.0	4.0	8.3	47.7	N /32.8%
17	2018/年	8522(97%)	3.9	2.2/N	14.8/SW	45.0	48.5	6.4	.0	29.6	15.5	14.3	40.6	N /28.4%

1-2-7

表 1.2.8 2018 年嘉南海域 M 站修補前風速及風向重要統計量統計表

序 號	日期 (年/月)	觀測 點數	風速 平均值 (m/s)	平均風 風速/風向 (m/s)/(來向)	最大風 風速/風向 (m/s)/(來向)	輕風 <3.3 (%)	和風 ~7.9 (%)	強風 ~13.8 (%)	疾風 >13.8 (%)	風向 N~E (%)	風向 E~S (%)	風向 S~W (%)	風向 W~N (%)	主要風向 方向/百分比
1	2017/12	561(75%)	6.6	6.3/NNE	14.2/N	18.7	43.9	37.3	.2	80.2	2.7	1.6	15.5	NNE/59.0%
2	2018/01	707(95%)	5.7	5.4/NNE	12.2/N	18.5	64.1	17.4	.0	79.6	1.4	.3	18.7	NNE/45.8%
3	2018/02	653(97%)	5.6	5.3/NNE	12.3/NNE	26.6	49.9	23.4	.0	73.8	1.2	.5	24.5	NNE/45.2%
4	2018/03	682(92%)	4.1	3.4/N	10.6/NNE	45.9	43.4	10.7	.0	55.9	7.6	4.7	31.8	NNE/24.8%
5	2018/04	690(96%)	3.4	1.8/N	12.6/N	57.0	37.5	5.5	.0	37.4	11.7	17.8	33.0	NNE/17.4%
6	2018/05	466(63%)	3.4	1.6/WSW	10.9/N	46.1	52.1	1.7	.0	10.1	11.4	57.1	21.5	SSW/17.0%
7	2018/06	633(88%)	4.1	.5/NE	13.6/S	42.0	52.1	5.8	.0	25.8	31.3	18.3	24.6	SSE/14.5%
8	2018/07	704(95%)	3.4	1.0/SSW	10.3/N	50.6	46.6	2.8	.0	11.1	33.4	31.8	23.7	SSE/13.6%
9	2018/08	646(87%)	3.9	2.1/S	15.2/WSW	39.3	56.0	4.0	.6	5.6	45.5	31.0	18.0	SSE/22.3%
10	2018/09	535(74%)	11.1	8.4/N	29.1/N	11.6	28.0	28.4	32.0	48.0	8.4	11.4	32.1	NNE/26.0%
11	2018/10	740(100%)	11.7	10.6/N	27.4/NW	8.0	19.3	35.0	37.7	74.9	1.5	1.5	22.2	NNE/36.8%
12	2018/11	336(47%)	8.5	7.2/N	27.5/NNE	19.0	39.9	19.6	21.4	66.7	6.5	1.8	25.0	N /29.8%
13	2018/冬	1921(89%)	5.9	5.7/NNE	14.2/N	21.3	53.4	25.2	.1	77.8	1.7	.7	19.7	NNE/49.5%
14	2018/春	1838(83%)	3.7	1.7/N	12.6/N	50.1	43.4	6.5	.0	37.3	10.1	22.9	29.7	NNE/16.3%
15	2018/夏	1983(90%)	3.8	.9/S	15.2/WSW	44.2	51.4	4.2	.2	14.0	36.7	27.2	22.1	SSE/16.7%
16	2018/秋	1611(74%)	10.8	9.1/N	29.1/N	11.5	26.5	29.6	32.4	64.2	4.8	4.8	26.1	NNE/30.5%
17	2018/年	7353(84%)	5.9	3.6/N	29.1/N	32.5	44.5	15.8	7.2	47.5	13.9	14.3	24.2	NNE/24.9%

1-2-8

1.3 2018 年嘉南海域**主要測站 1**(修補後)與 **其他測站**(修補前)風力歷線比較圖

Wind Speed in Chia-Nan Seas of CNX0 at 2018

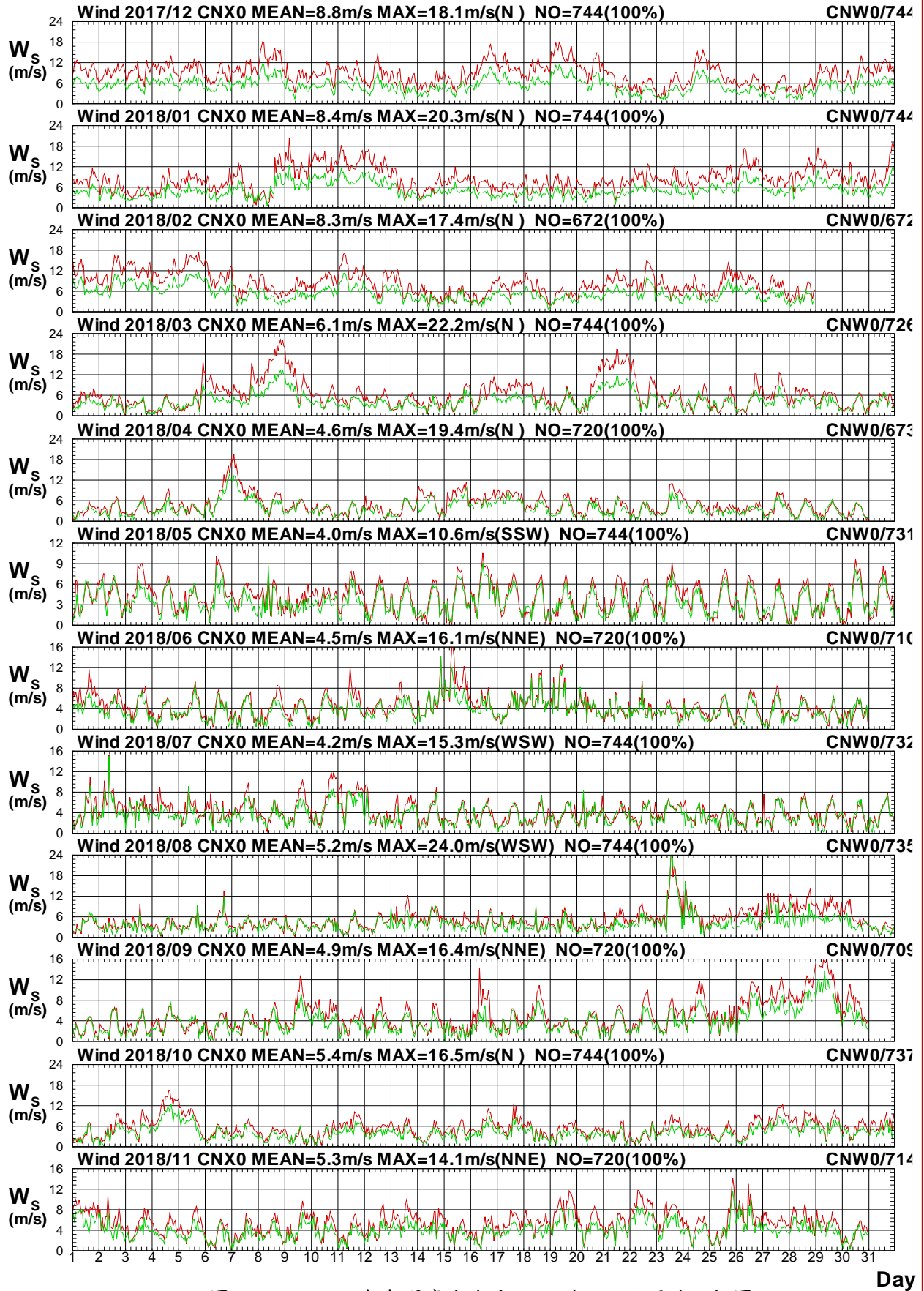


圖1.3.1a 2018年每月嘉南海域 X 站與 W 站風速比較圖

W17CCNX0.1HA W17CCNW0.1H0 W181CNX0.1HA W181CNW0.1H0 W182CNX0.1HA W182CNW0.1H0
 W183CNX0.1HA W183CNW0.1H0 W184CNX0.1HA W184CNW0.1H0 W185CNX0.1HA W185CNW0.1H0

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Wind Direction in Chia-Nan Seas of CNX0 at 2018

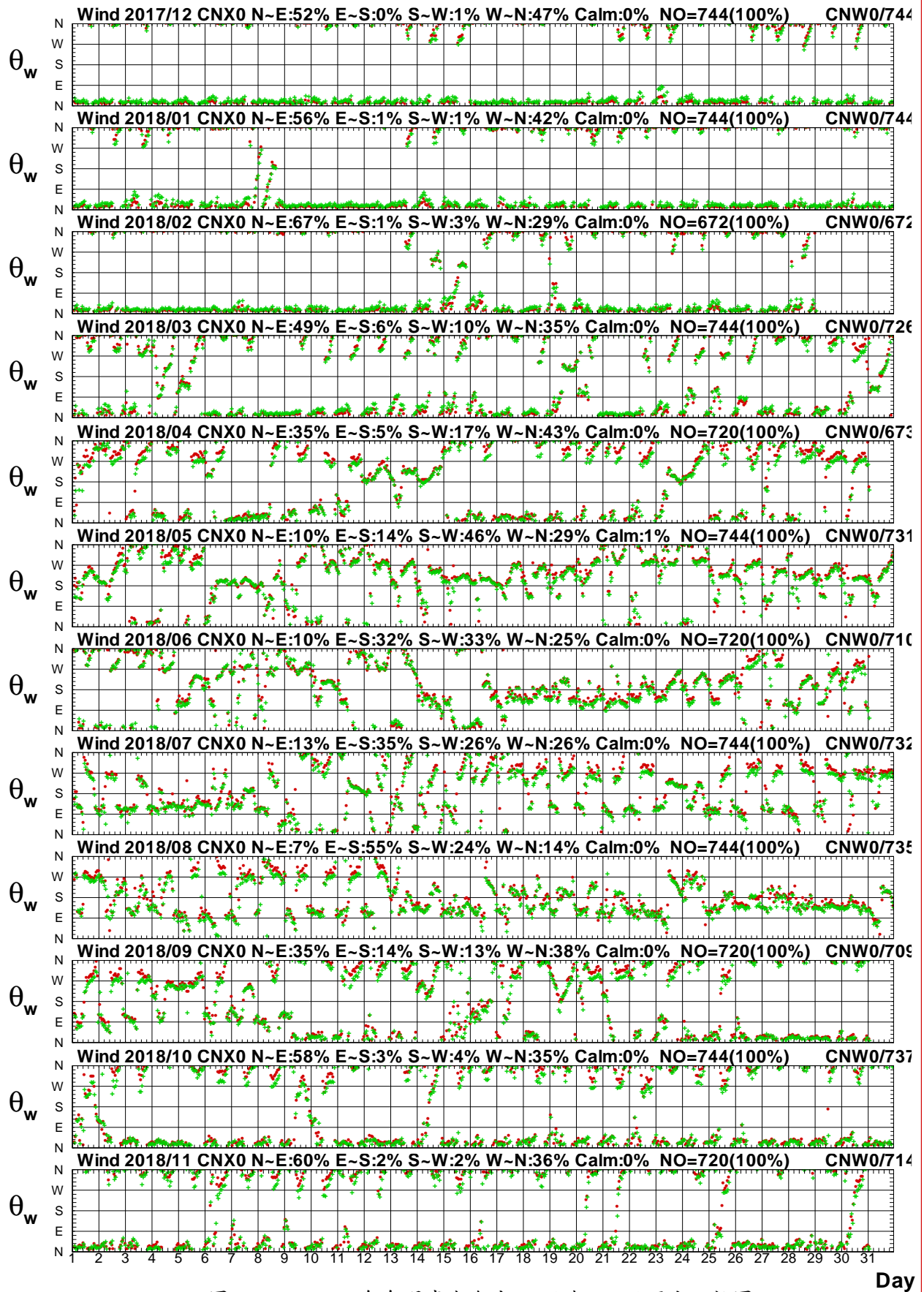


圖1.3.1b 2018年每月嘉南海域 X 站與 W 站風向比較圖

W17CCNX0.1HA W17CCNW0.1H0 W181CNX0.1HA W181CNW0.1H0 W182CNX0.1HA W182CNW0.1H0
 W183CNX0.1HA W183CNW0.1H0 W184CNX0.1HA W184CNW0.1H0 W185CNX0.1HA W185CNW0.1H0

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Wind Speed in Chia-Nan Seas of CNX0 at 2018

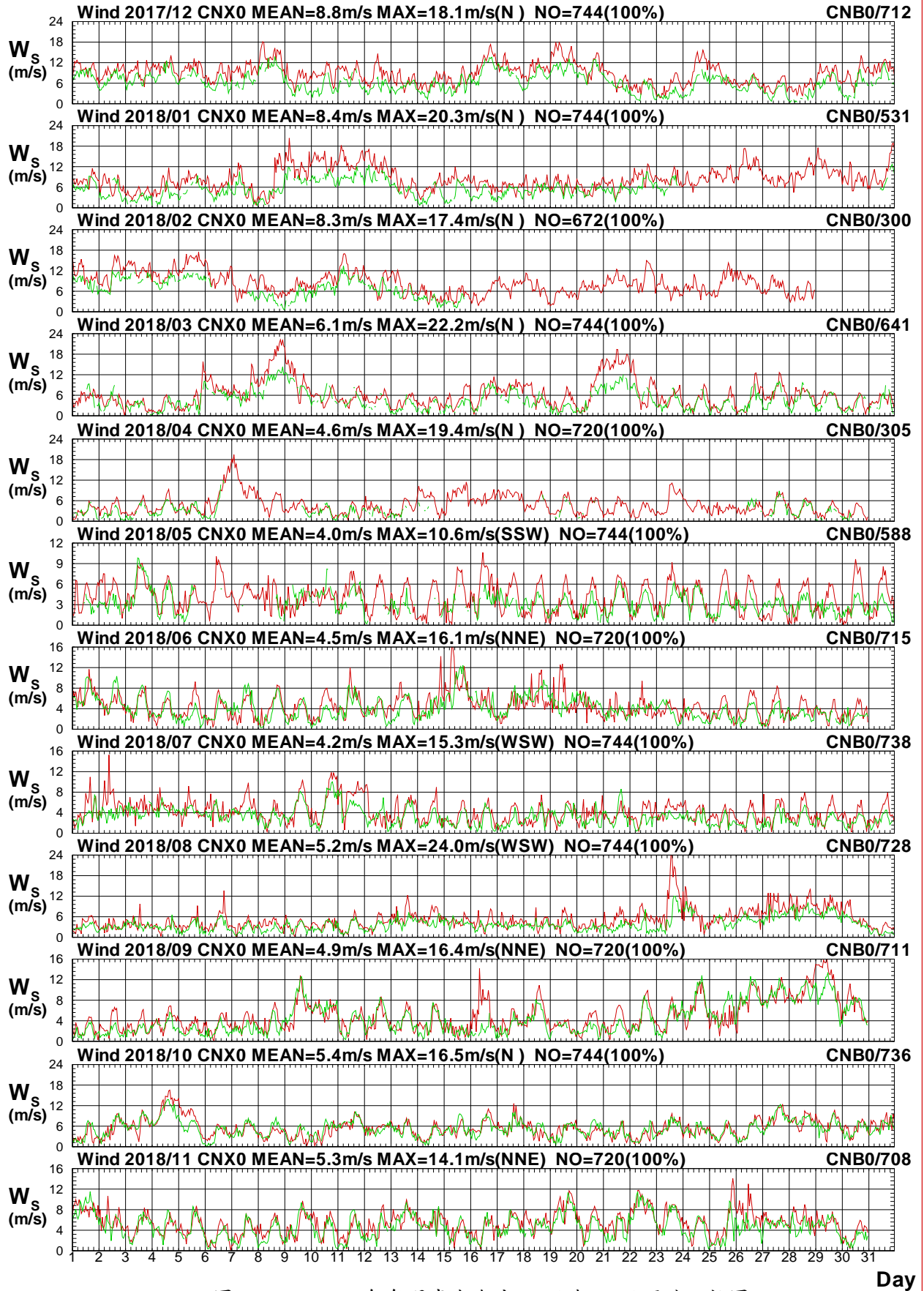


圖1.3.2a 2018年每月嘉南海域 X 站與 B 站風速比較圖

W17CCNX0.1HA W17CCNB0.1H0 W181CNX0.1HA W181CNB0.1H0 W182CNX0.1HA W182CNB0.1H0
 W183CNX0.1HA W183CNB0.1H0 W184CNX0.1HA W184CNB0.1H0 W185CNX0.1HA W185CNB0.1H0

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Wind Direction in Chia-Nan Seas of CNX0 at 2018

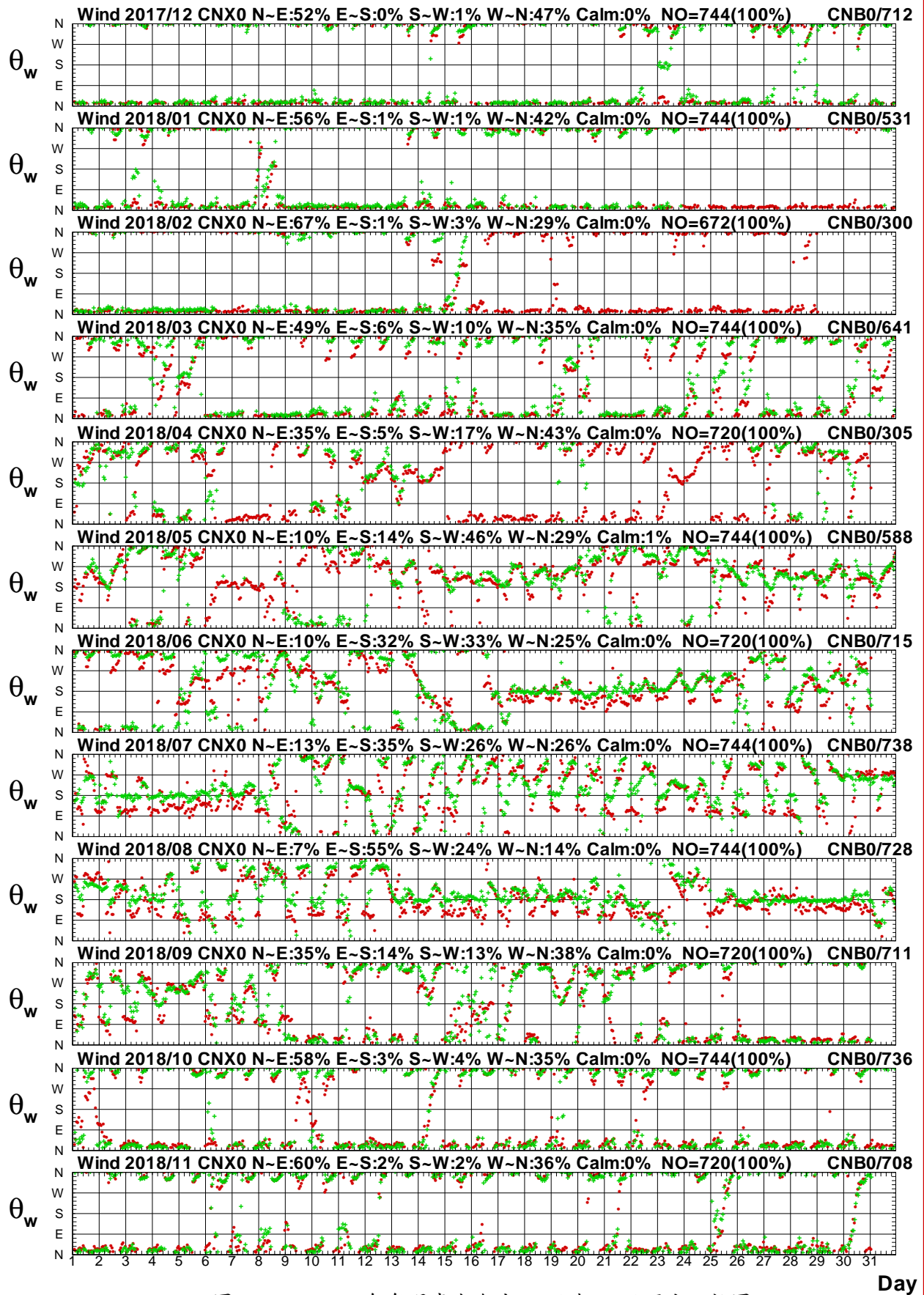


圖1.3.2b 2018年每月嘉南海域 X 站與 B 站風向比較圖

W17CCNX0.1HA W17CCNB0.1H0 W181CNX0.1HA W181CNB0.1H0 W182CNX0.1HA W182CNB0.1H0
 W183CNX0.1HA W183CNB0.1H0 W184CNX0.1HA W184CNB0.1H0 W185CNX0.1HA W185CNB0.1H0

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Wind Speed in Chia-Nan Seas of CNX0 at 2018

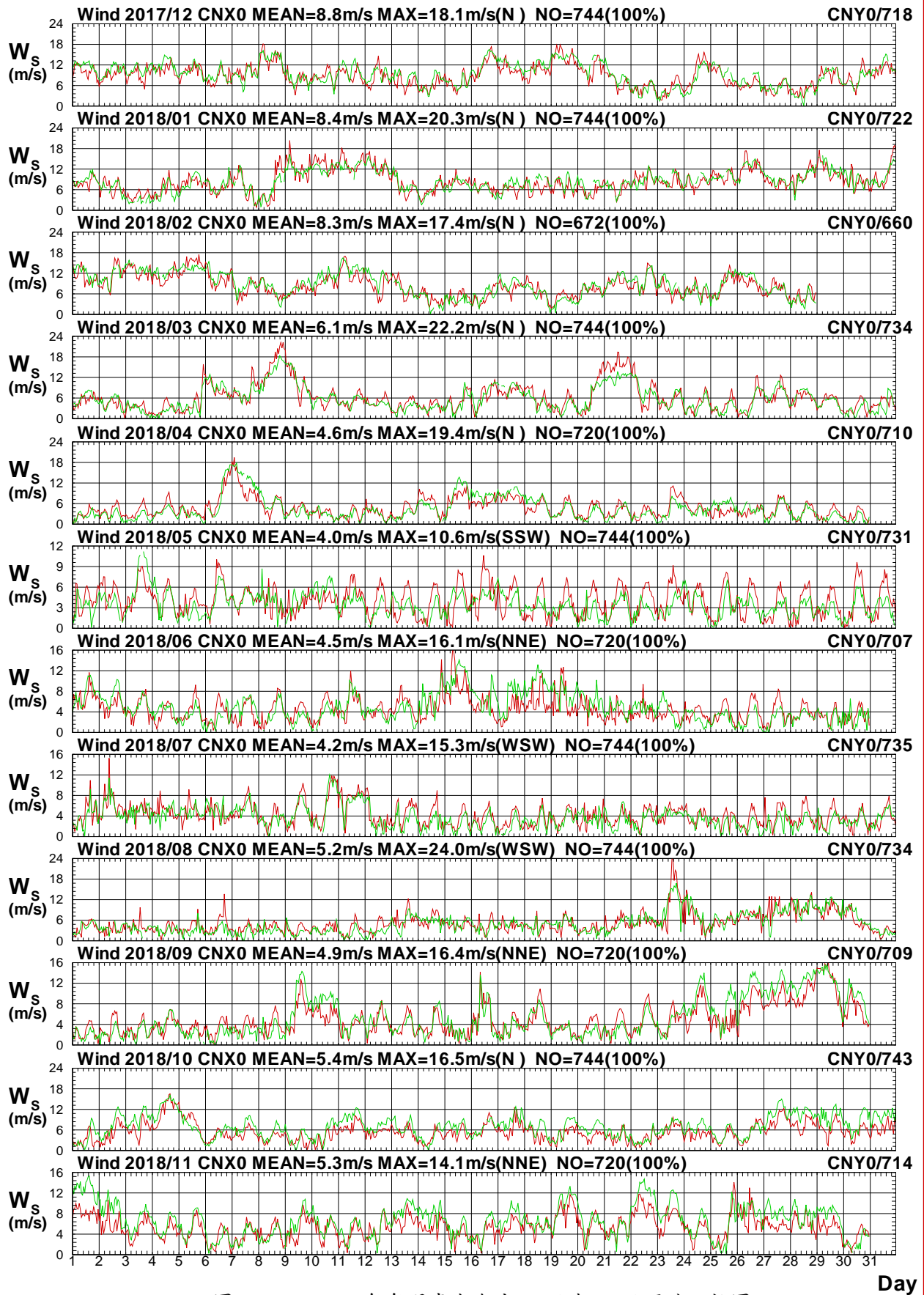


圖1.3.3a 2018年每月嘉南海域 X 站與 Y 站風速比較圖

W17CCNX0.1HA W17CCNY0.1H0 W181CNX0.1HA W181CNY0.1H0 W182CNX0.1HA W182CNY0.1H0
 W183CNX0.1HA W183CNY0.1H0 W184CNX0.1HA W184CNY0.1H0 W185CNX0.1HA W185CNY0.1H0

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Wind Direction in Chia-Nan Seas of CNX0 at 2018

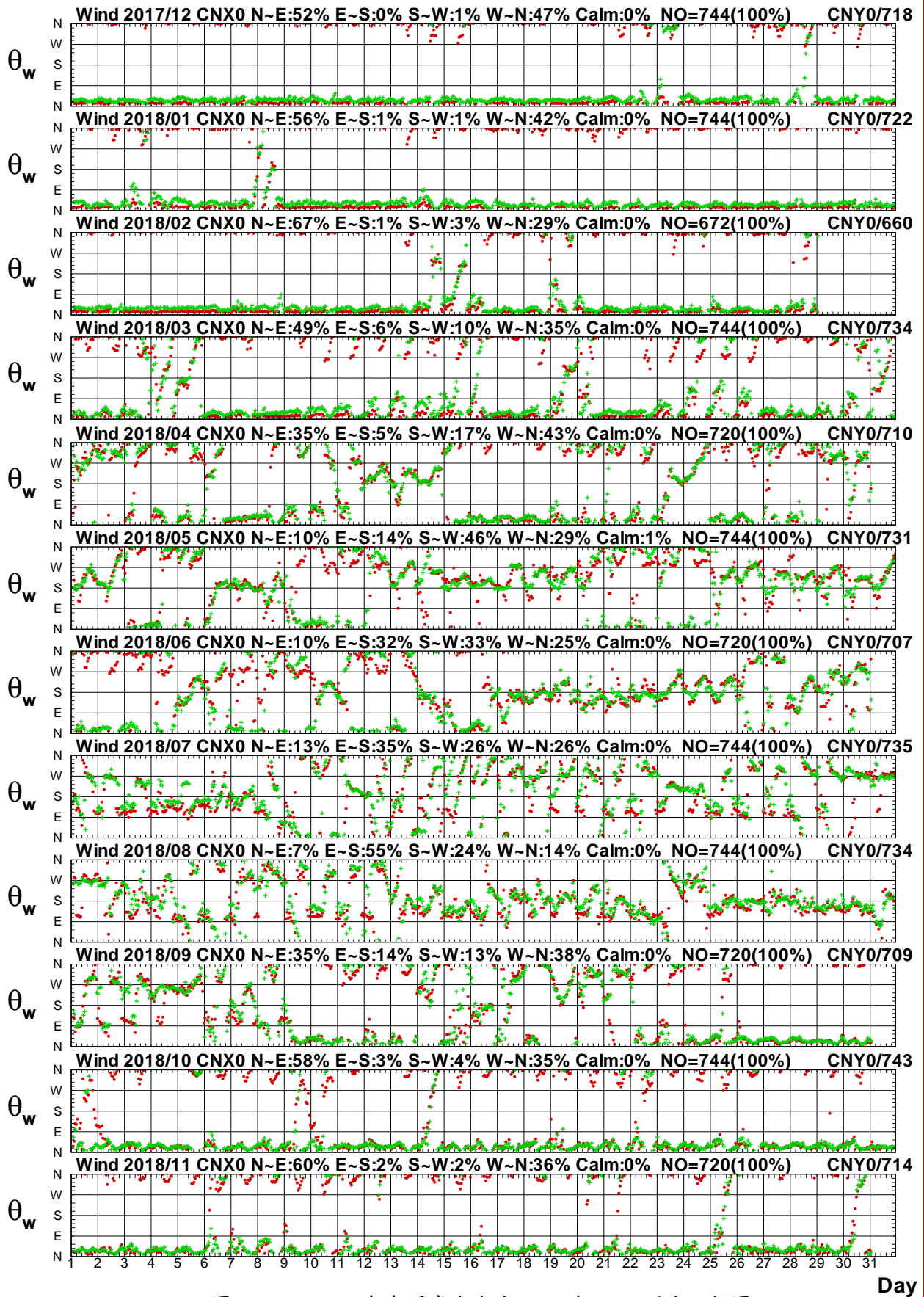


圖1.3.3b 2018年每月嘉南海域 X 站與 Y 站風向比較圖

W17CCNX0.1HA W17CCNY0.1H0 W181CNX0.1HA W181CNY0.1H0 W182CNX0.1HA W182CNY0.1H0
 W183CNX0.1HA W183CNY0.1H0 W184CNX0.1HA W184CNY0.1H0 W185CNX0.1HA W185CNY0.1H0

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Wind Speed in Chia-Nan Seas of CNX0 at 2018

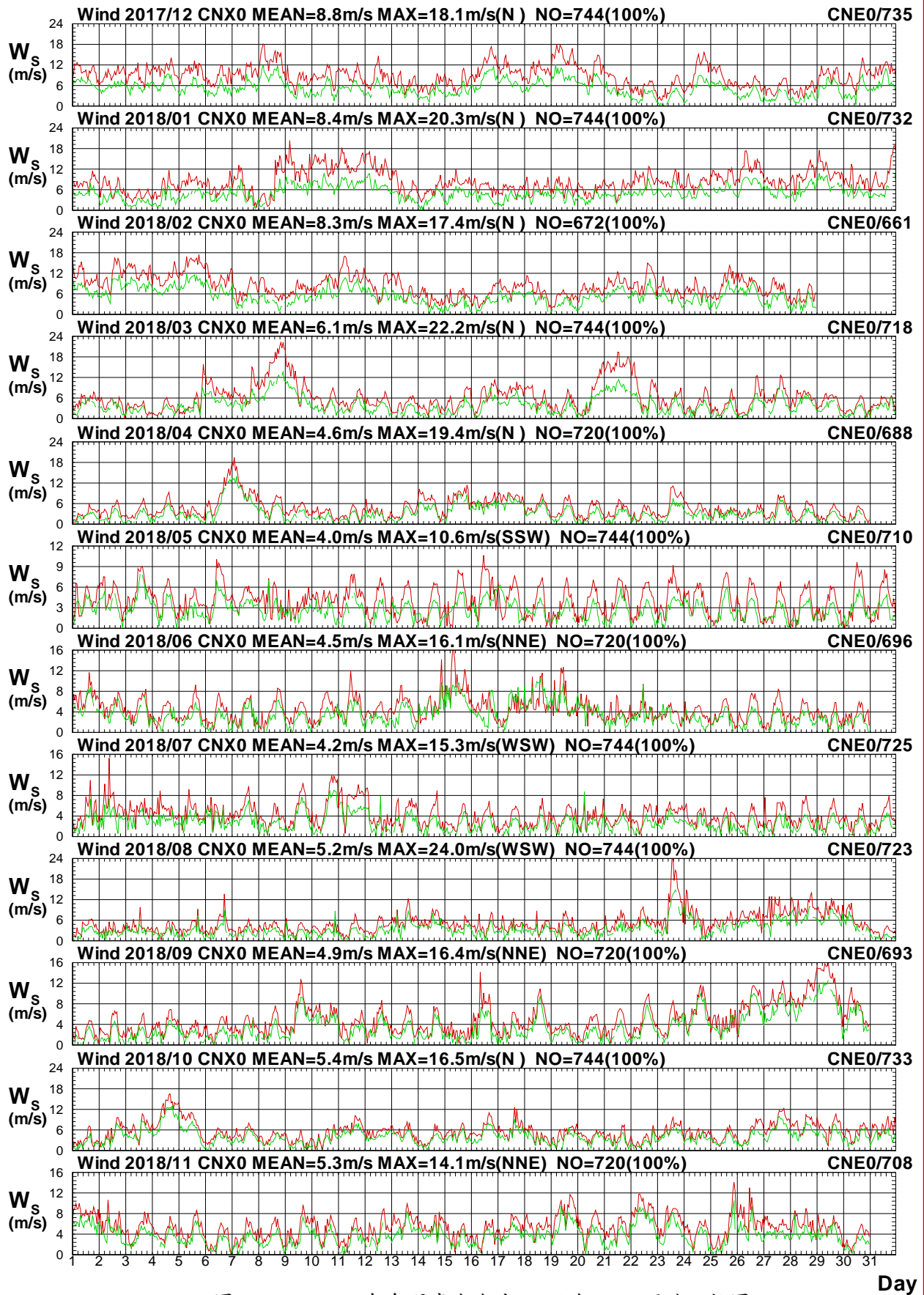


圖1.3.4a 2018年每月嘉南海域 X 站與 E 站風速比較圖

W17CCNX0.1HA W17CCNE0.1H0 W181CNX0.1HA W181CNE0.1H0 W182CNX0.1HA W182CNE0.1H0
 W183CNX0.1HA W183CNE0.1H0 W184CNX0.1HA W184CNE0.1H0 W185CNX0.1HA W185CNE0.1H0

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Wind Direction in Chia-Nan Seas of CNX0 at 2018

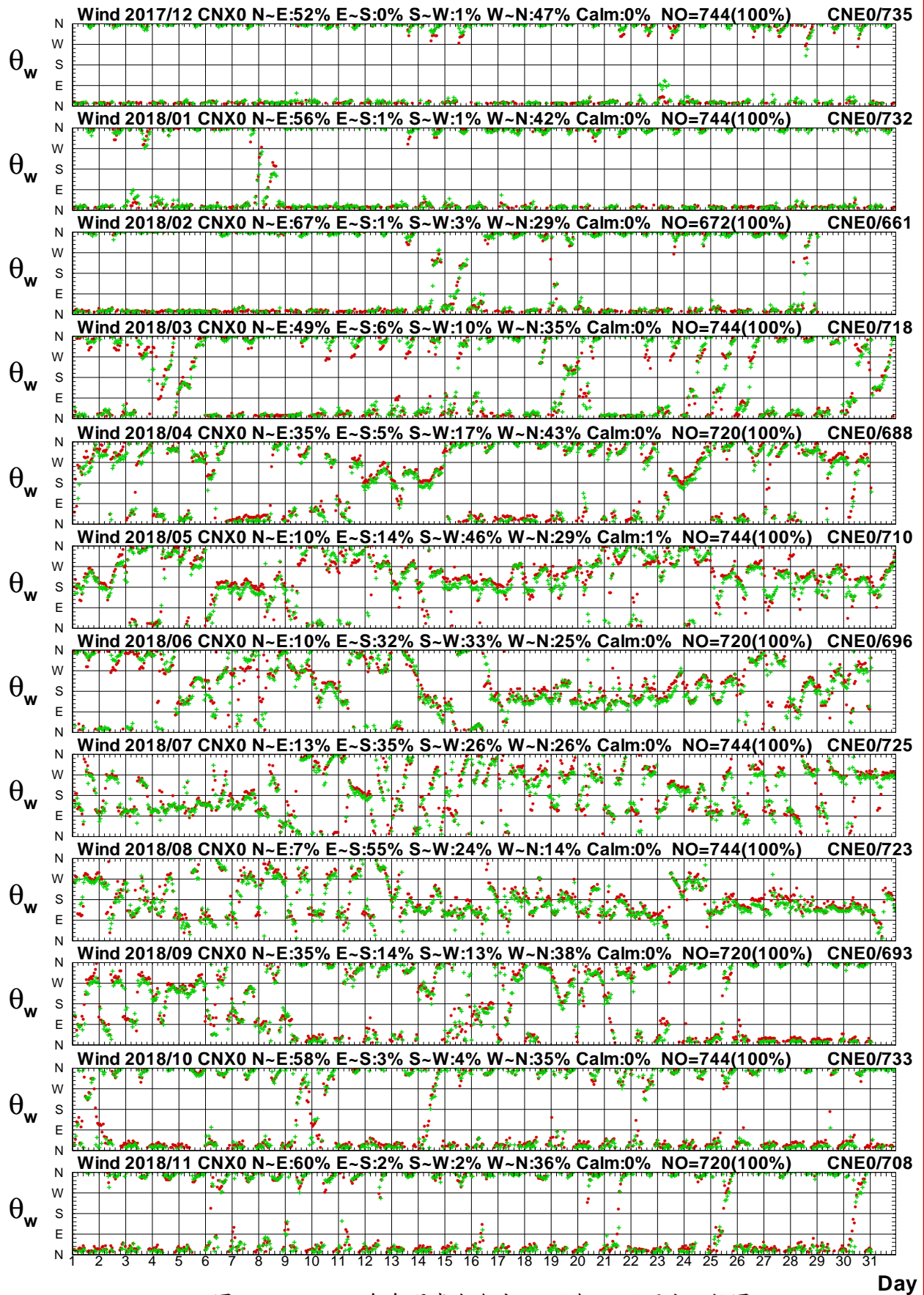


圖1.3.4b 2018年每月嘉南海域 X 站與 E 站風向比較圖

W17CCNX0.1HA W17CCNE0.1H0 W181CNX0.1HA W181CNE0.1H0 W182CNX0.1HA W182CNE0.1H0
 W183CNX0.1HA W183CNE0.1H0 W184CNX0.1HA W184CNE0.1H0 W185CNX0.1HA W185CNE0.1H0

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Wind Speed in Chia-Nan Seas of CNX0 at 2018

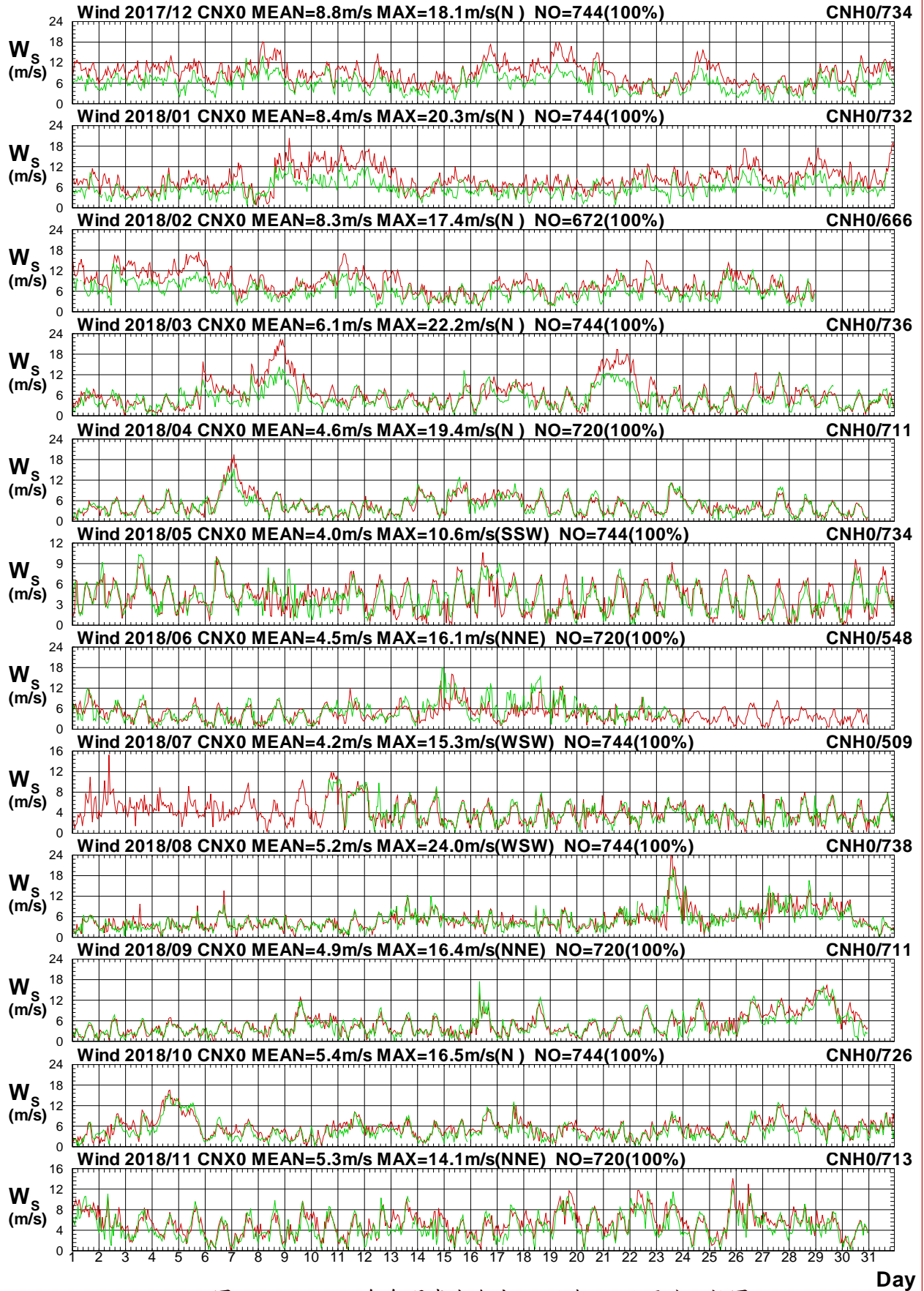


圖1.3.5a 2018年每月嘉南海域 X 站與 H 站風速比較圖

W17CCNX0.1HA W17CCNH0.1H0 W181CNX0.1HA W181CNH0.1H0 W182CNX0.1HA W182CNH0.1H0
 W183CNX0.1HA W183CNH0.1H0 W184CNX0.1HA W184CNH0.1H0 W185CNX0.1HA W185CNH0.1H0

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Wind Direction in Chia-Nan Seas of CNX0 at 2018

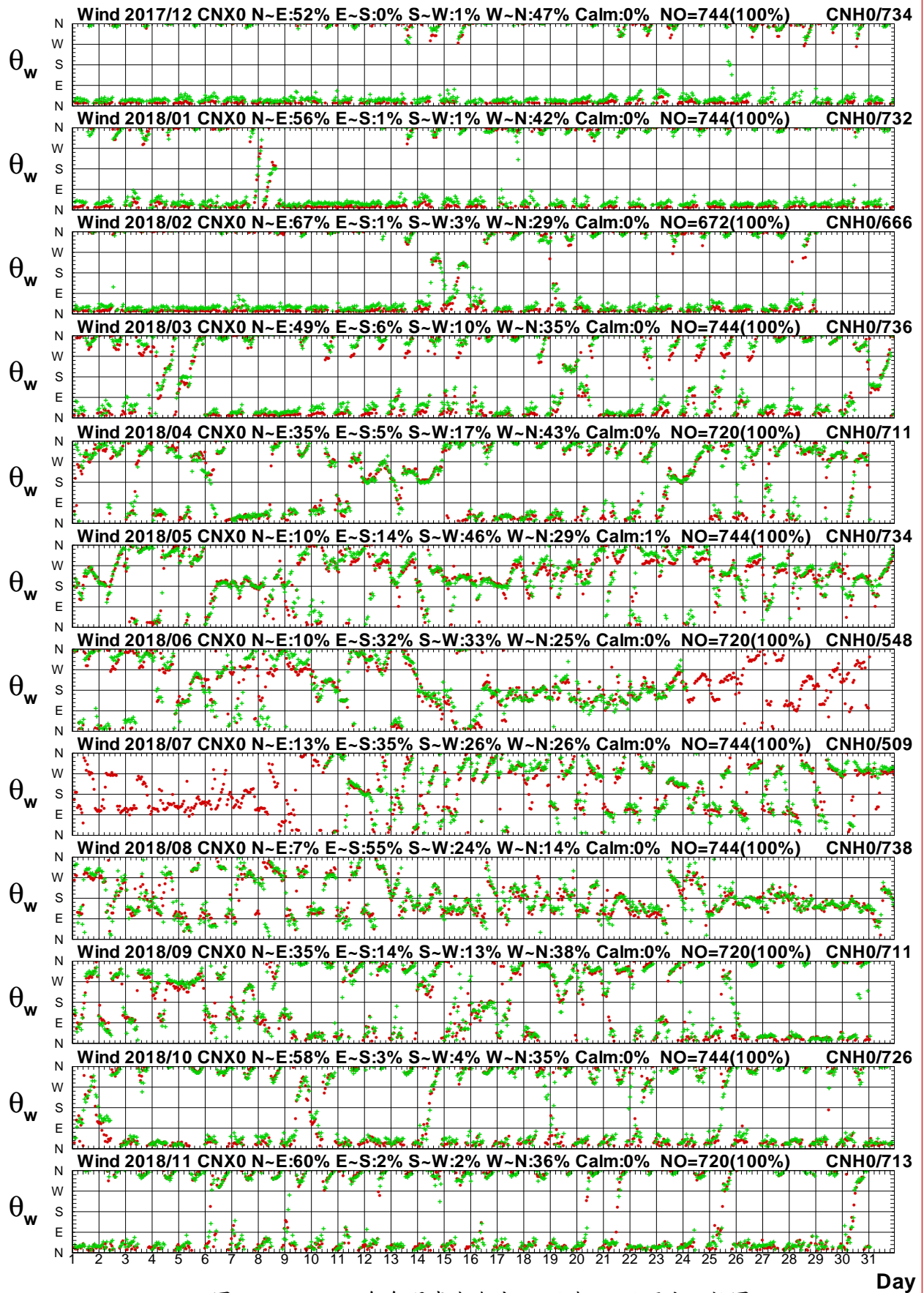


圖1.3.5b 2018年每月嘉南海域 X 站與 H 站風向比較圖

W17CCNX0.1HA W17CCNH0.1H0 W181CNX0.1HA W181CNH0.1H0 W182CNX0.1HA W182CNH0.1H0
 W183CNX0.1HA W183CNH0.1H0 W184CNX0.1HA W184CNH0.1H0 W185CNX0.1HA W185CNH0.1H0

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Wind Speed in Chia-Nan Seas of CNX0 at 2018

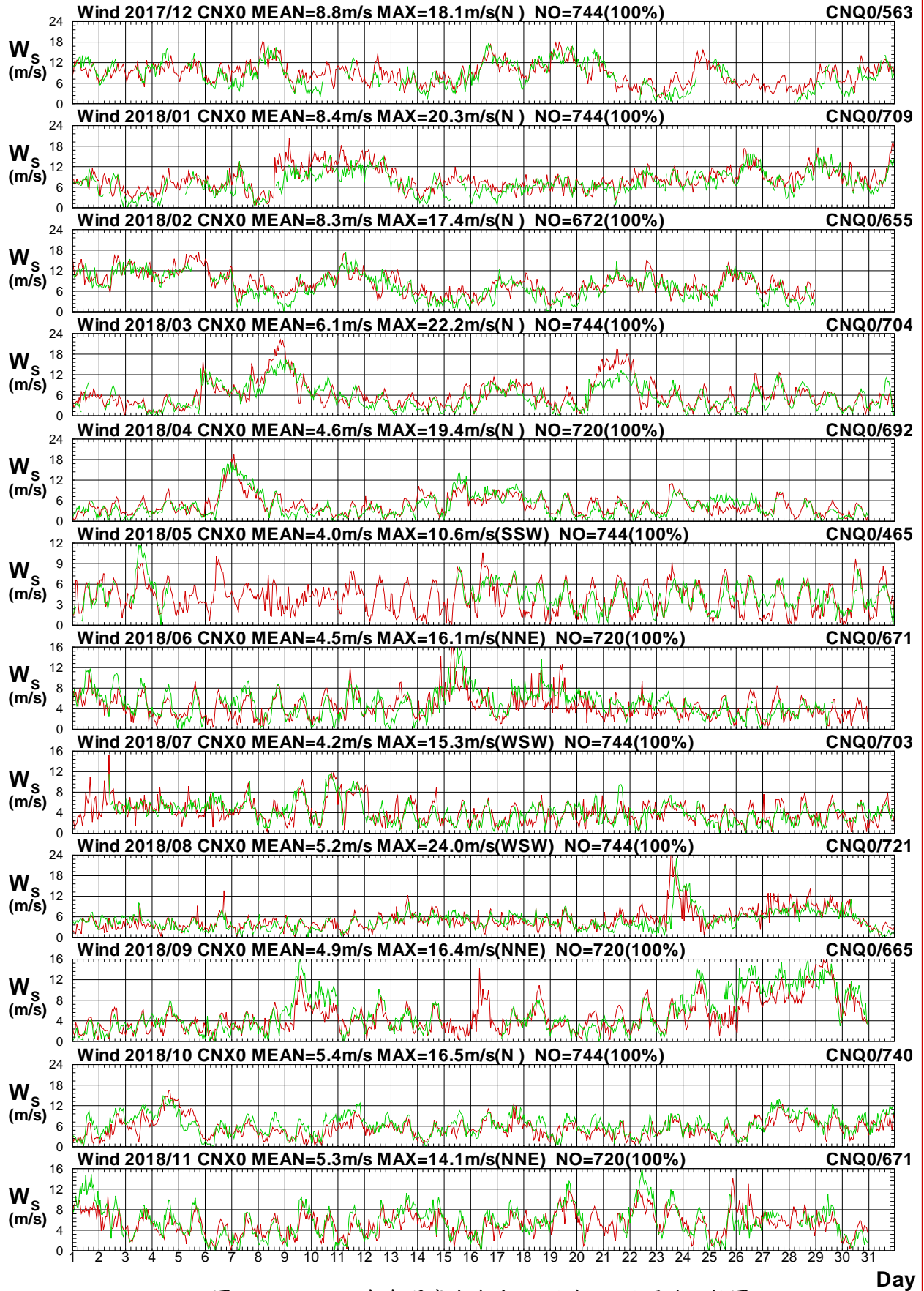


圖1.3.6a 2018年每月嘉南海域 X 站與 Q 站風速比較圖

W17CCNX0.1HA W17CCNQ0.1H0 W181CNX0.1HA W181CNQ0.1H0 W182CNX0.1HA W182CNQ0.1H0
 W183CNX0.1HA W183CNQ0.1H0 W184CNX0.1HA W184CNQ0.1H0 W185CNX0.1HA W185CNQ0.1H0
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Wind Direction in Chia-Nan Seas of CNX0 at 2018

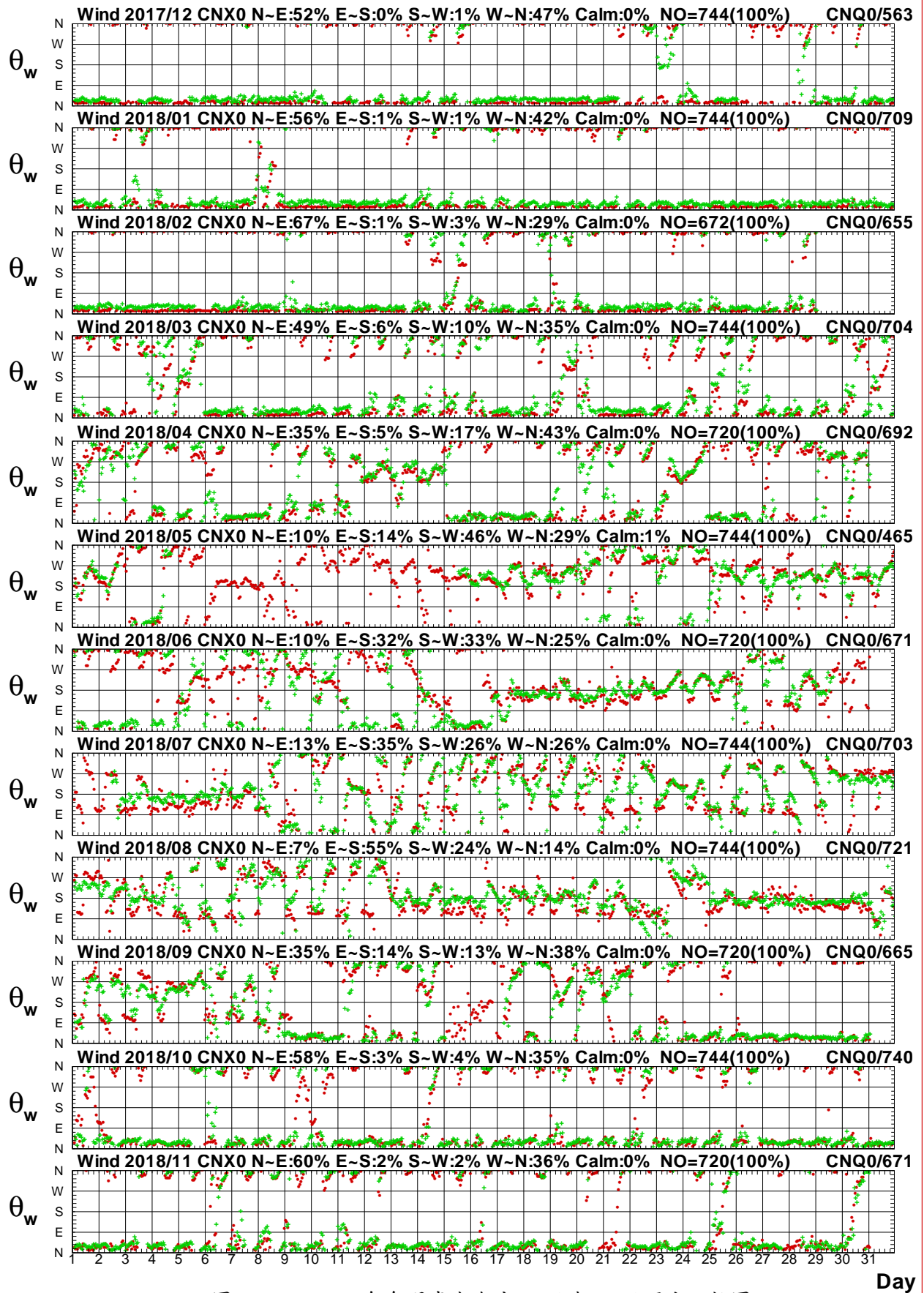


圖1.3.6b 2018年每月嘉南海域 X 站與 Q 站風向比較圖

W17CCNX0.1HA W17CCNQ0.1H0 W181CNX0.1HA W181CNQ0.1H0 W182CNX0.1HA W182CNQ0.1H0
 W183CNX0.1HA W183CNQ0.1H0 W184CNX0.1HA W184CNQ0.1H0 W185CNX0.1HA W185CNQ0.1H0

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Wind Speed in Chia-Nan Seas of CNX0 at 2018

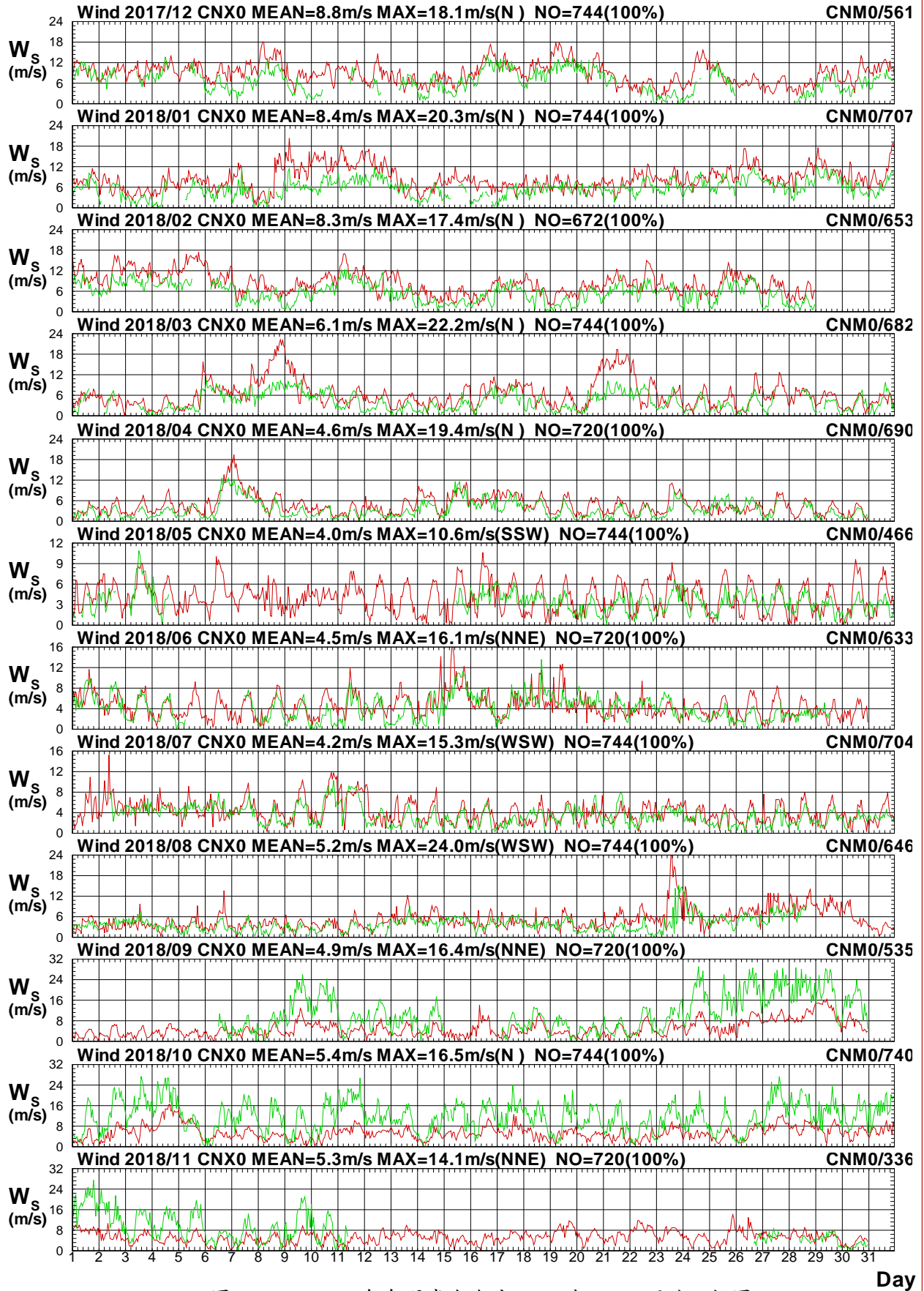


圖1.3.7a 2018年每月嘉南海域 X 站與 M 站風速比較圖

W17CCNX0.1HA W17CCNM0.1H0 W181CNX0.1HA W181CNM0.1H0 W182CNX0.1HA W182CNM0.1H0
 W183CNX0.1HA W183CNM0.1H0 W184CNX0.1HA W184CNM0.1H0 W185CNX0.1HA W185CNM0.1H0

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Wind Direction in Chia-Nan Seas of CNX0 at 2018

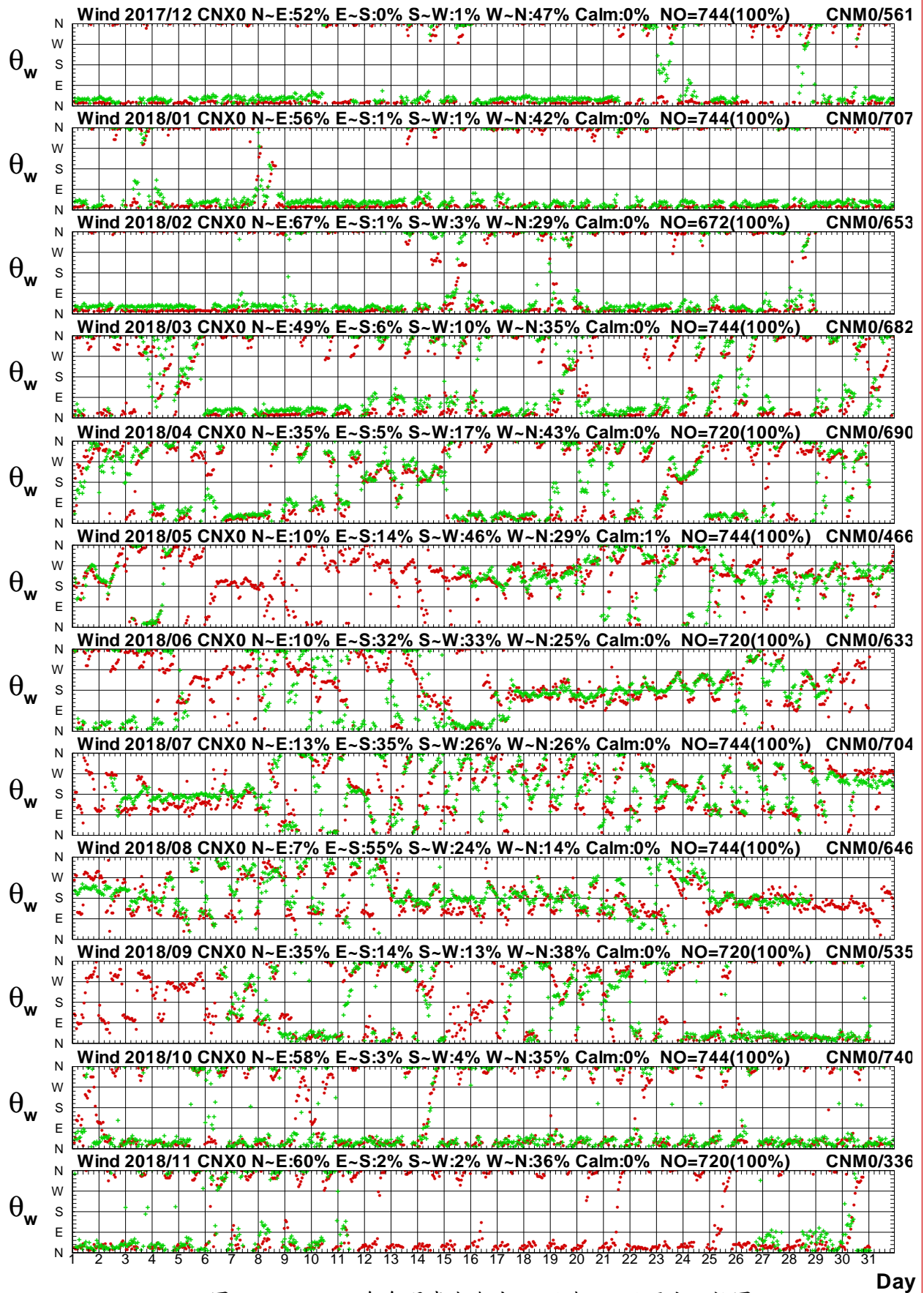


圖1.3.7b 2018年每月嘉南海域 X 站與 M 站風向比較圖

W17CCNX0.1HA W17CCNM0.1H0 W181CNX0.1HA W181CNM0.1H0 W182CNX0.1HA W182CNM0.1H0
 W183CNX0.1HA W183CNM0.1H0 W184CNX0.1HA W184CNM0.1H0 W185CNX0.1HA W185CNM0.1H0

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Wind Speed in Chia-Nan Seas of CNX0 at 2018

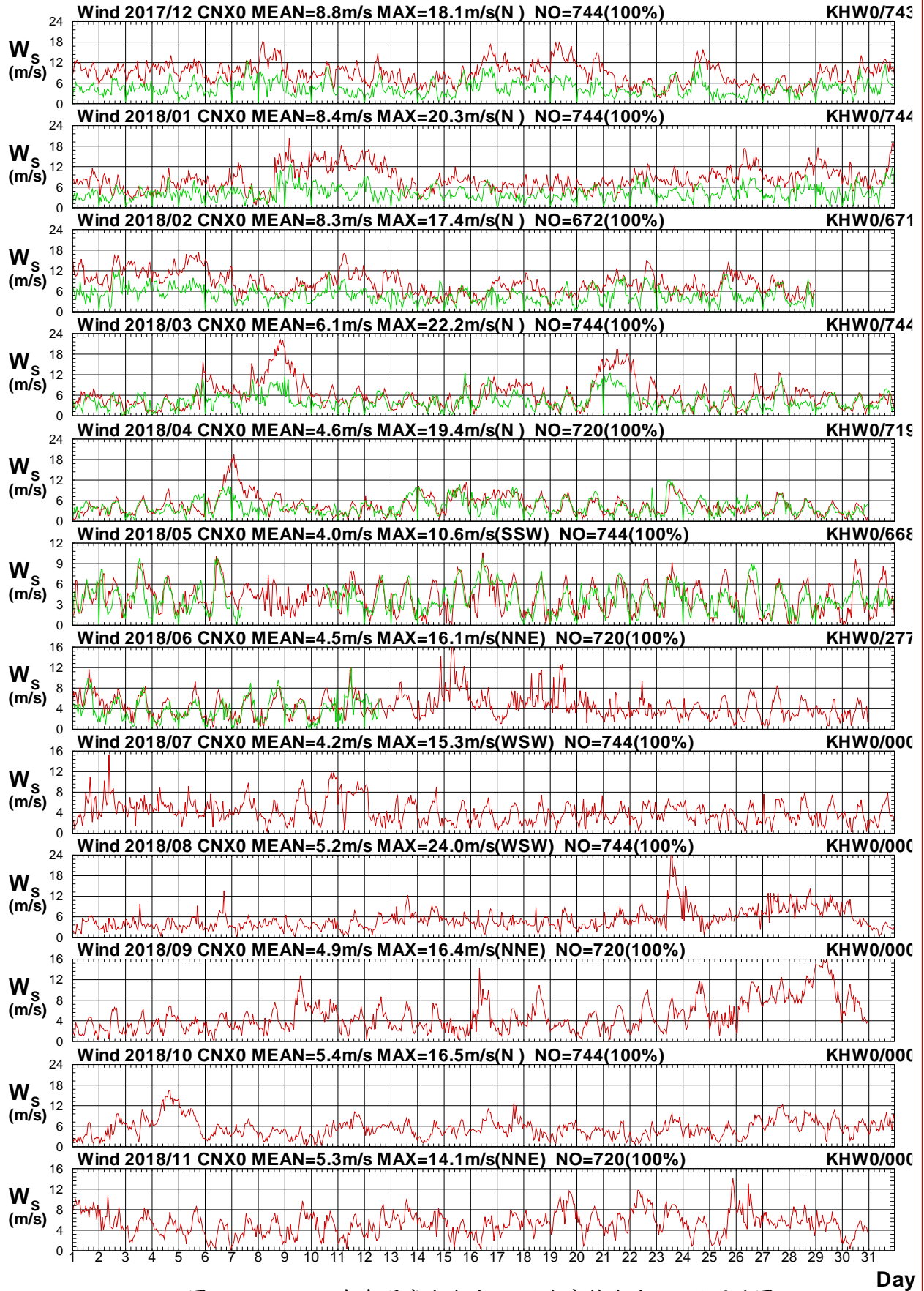


圖 1.3.8a 2018年每月嘉南海域 X 站與高雄海域 W 站風速圖

W17CCNX0.1HA W17CKHW0.1H0 W181CNX0.1HA W181KHW0.1H0 W182CNX0.1HA W182KHW0.1H0
 W183CNX0.1HA W183KHW0.1H0 W184CNX0.1HA W184KHW0.1H0 W185CNX0.1HA W185KHW0.1H0

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Wind Direction in Chia-Nan Seas of CNX0 at 2018

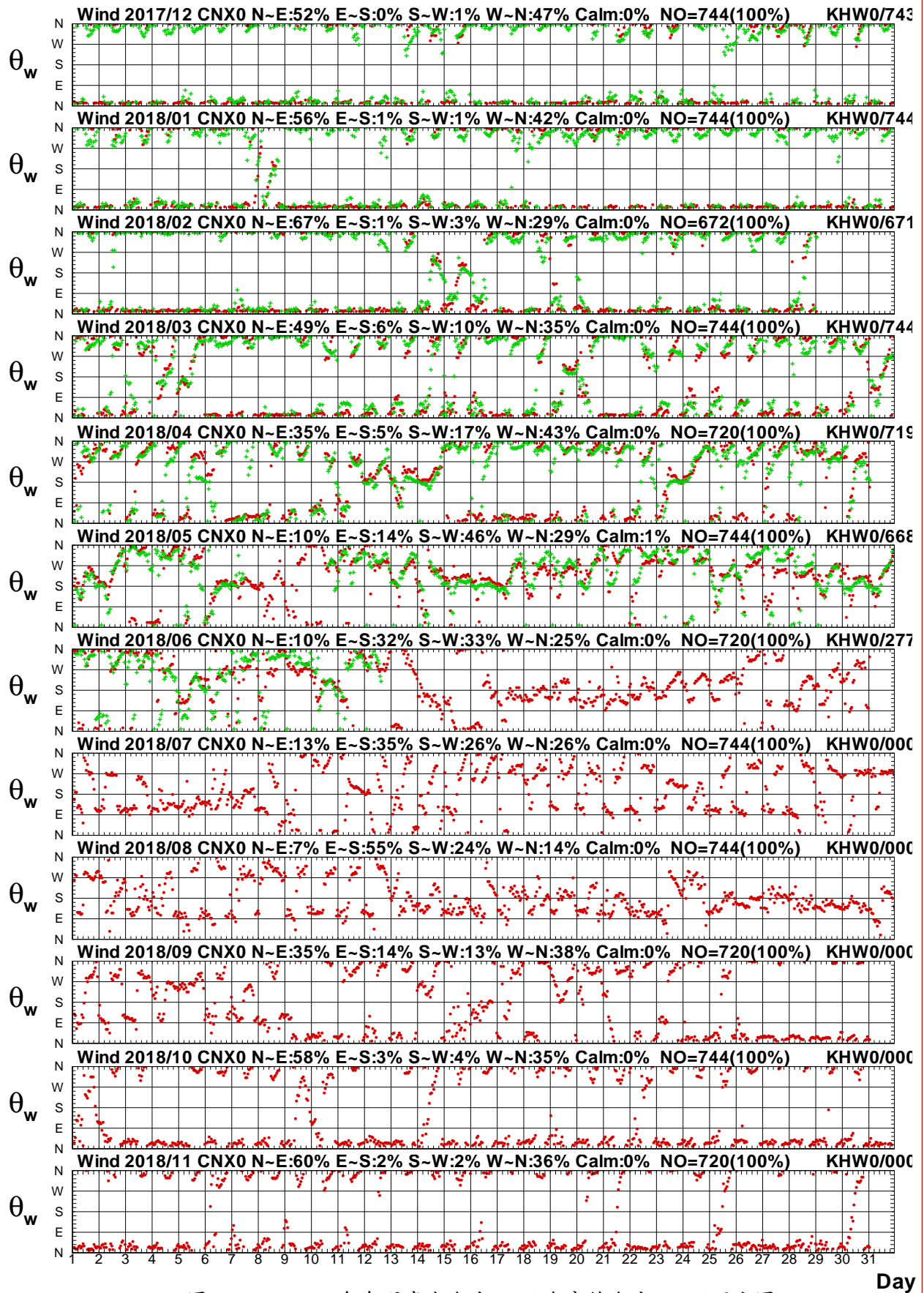


圖1.3.8b 2018年每月嘉南海域 X 站與高雄海域 W 站風向圖

W17CCNX0.1HA W17CKHW0.1H0 W181CNX0.1HA W181KHW0.1H0 W182CNX0.1HA W182KHW0.1H0
 W183CNX0.1HA W183KHW0.1H0 W184CNX0.1HA W184KHW0.1H0 W185CNX0.1HA W185KHW0.1H0

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Wind Speed in Chia-Nan Seas of CNX0 at 2018

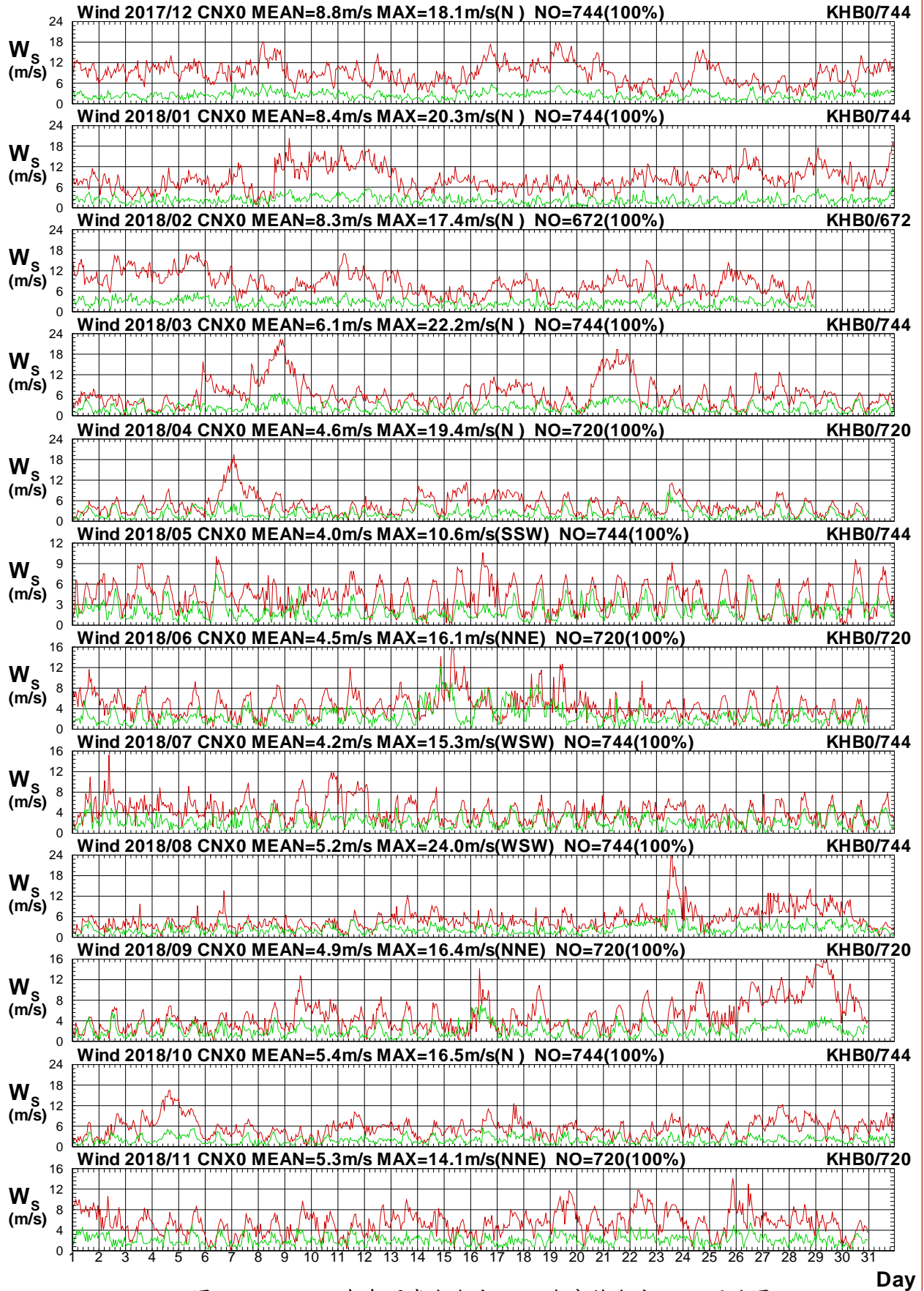


圖1.3.9a 2018年每月嘉南海域 X 站與高雄海域 B 站風速圖

W17CCNX0.1HA W17CKHB0.1HO W181CNX0.1HA W181KHB0.1HO W182CNX0.1HA W182KHB0.1HO
 W183CNX0.1HA W183KHB0.1HO W184CNX0.1HA W184KHB0.1HO W185CNX0.1HA W185KHB0.1HO

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Wind Direction in Chia-Nan Seas of CNX0 at 2018

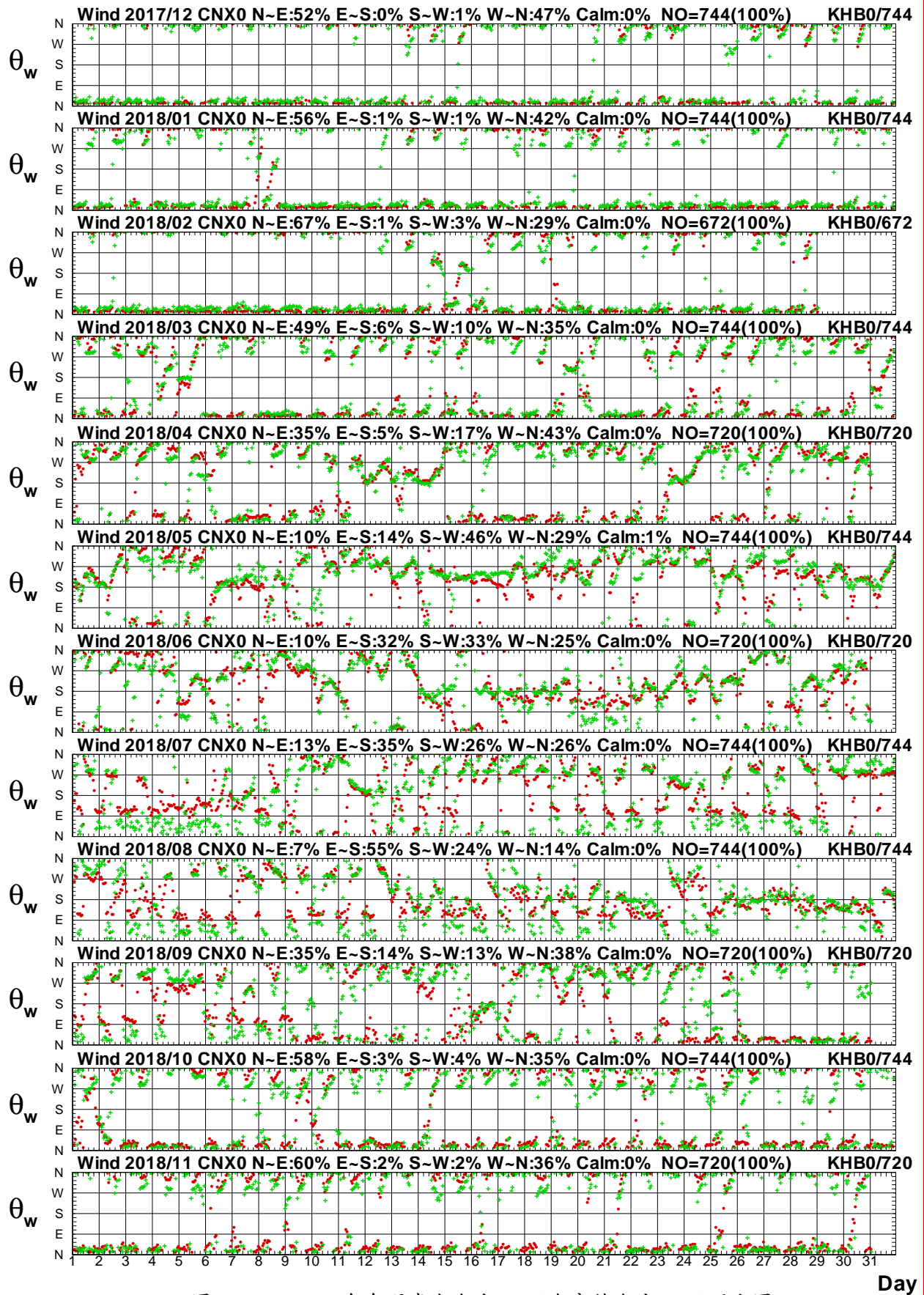


圖1.3.9b 2018年每月嘉南海域 X 站與高雄海域 B 站風向圖

W17CCNX0.1HA W17CKHB0.1H0 W181CNX0.1HA W181KHB0.1H0 W182CNX0.1HA W182KHB0.1H0
 W183CNX0.1HA W183KHB0.1H0 W184CNX0.1HA W184KHB0.1H0 W185CNX0.1HA W185KHB0.1H0

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Wind Speed in Chia-Nan Seas of CNX0 at 2018

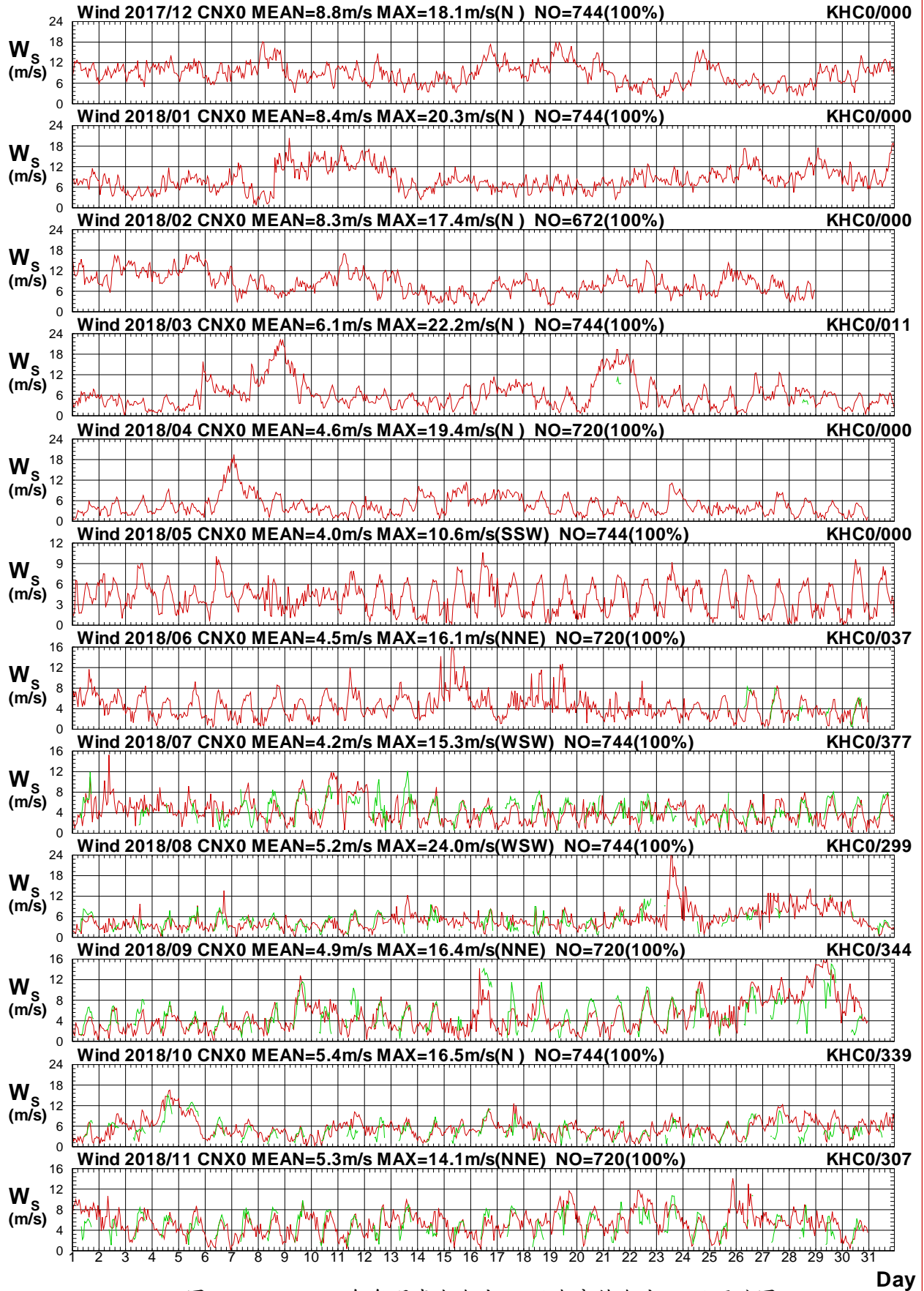


圖 1.3.10a 2018 年每月嘉南海域 X 站與高雄海域 C 站風速圖

W17CCNX0.1HA W17CKHC0.1H0 W181CNX0.1HA W181KHC0.1H0 W182CNX0.1HA W182KHC0.1H0
 W183CNX0.1HA W183KHC0.1H0 W184CNX0.1HA W184KHC0.1H0 W185CNX0.1HA W185KHC0.1H0

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Wind Direction in Chia-Nan Seas of CNX0 at 2018

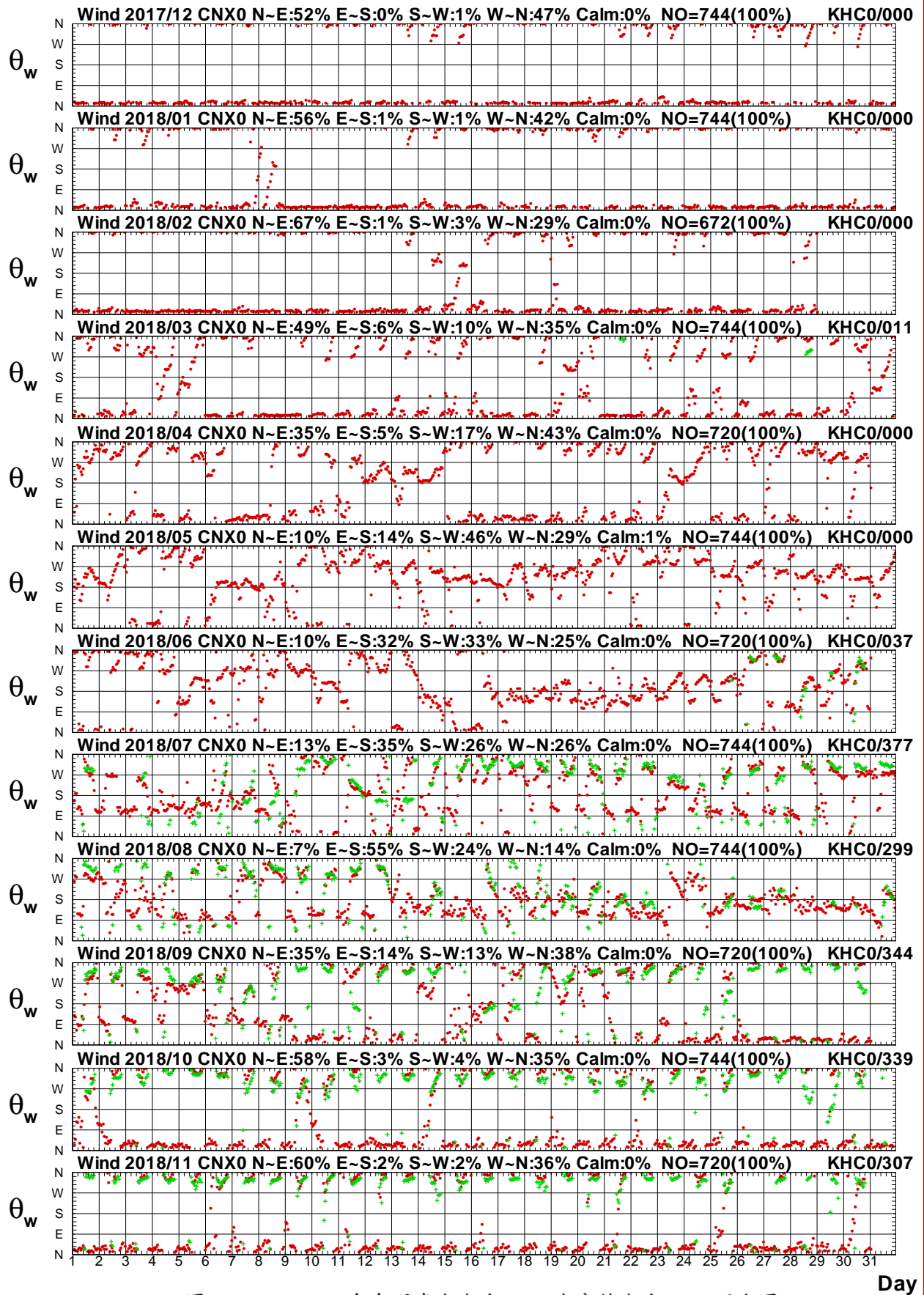


圖 1.3.10b 2018 年每月嘉南海域 X 站與高雄海域 C 站風向圖

W17CCNX0.1HA W17CKHC0.1H0 W181CNX0.1HA W181KHC0.1H0 W182CNX0.1HA W182KHC0.1H0
 W183CNX0.1HA W183KHC0.1H0 W184CNX0.1HA W184KHC0.1H0 W185CNX0.1HA W185KHC0.1H0

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Wind Speed in Chia-Nan Seas of CNX0 at 2018

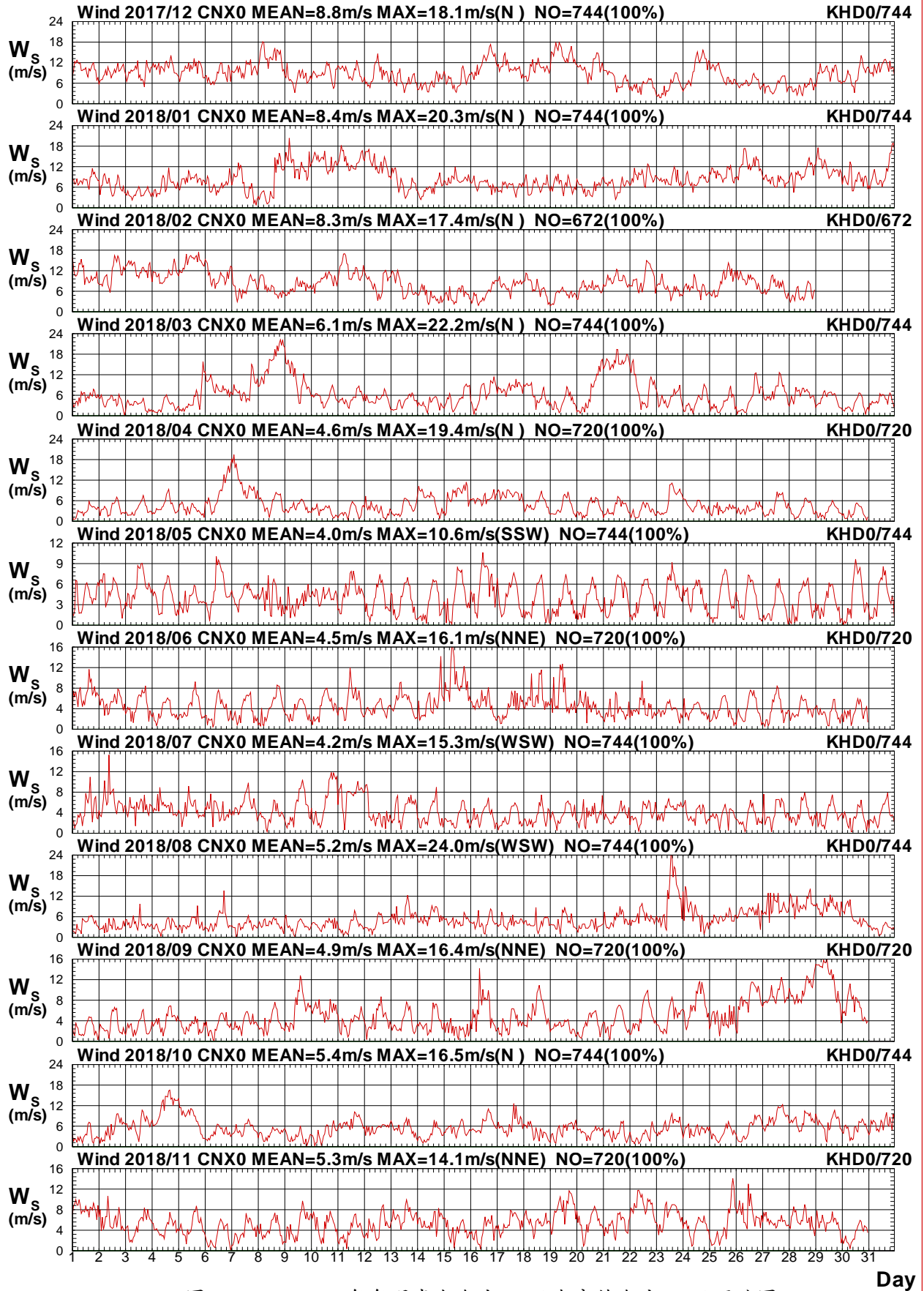


圖1.3.11a 2018年每月嘉南海域 X 站與高雄海域 D 站風速圖

W17CCNX0.1HA W17CKHD0.1H0 W181CNX0.1HA W181KHD0.1H0 W182CNX0.1HA W182KHD0.1H0
 W183CNX0.1HA W183KHD0.1H0 W184CNX0.1HA W184KHD0.1H0 W185CNX0.1HA W185KHD0.1H0

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Wind Direction in Chia-Nan Seas of CNX0 at 2018

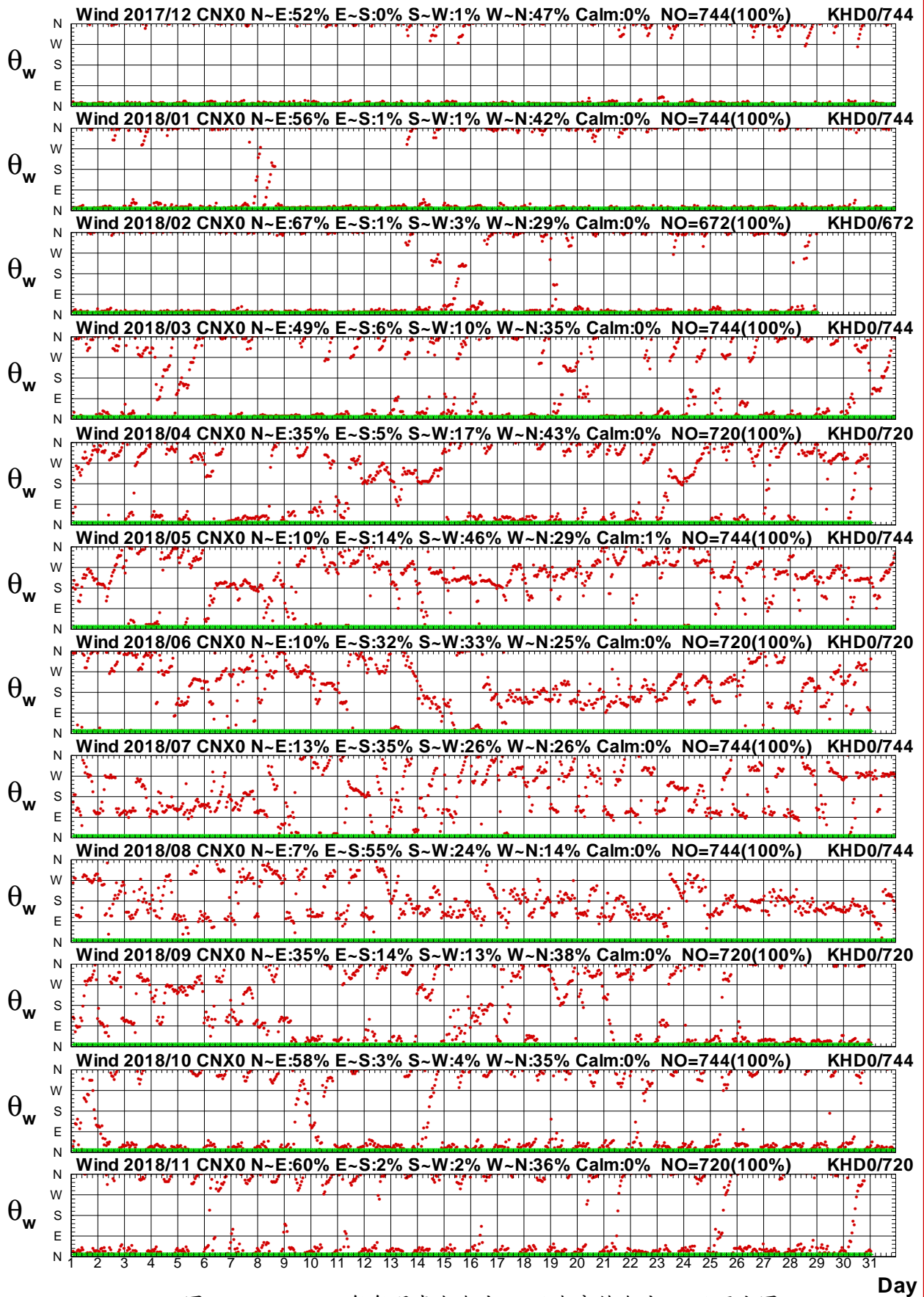


圖 1.3.11b 2018 年每月嘉南海域 X 站與高雄海域 D 站風向圖

W17CCNX0.1HA W17CKHD0.1H0 W181CNX0.1HA W181KHD0.1H0 W182CNX0.1HA W182KHD0.1H0
W183CNX0.1HA W183KHD0.1H0 W184CNX0.1HA W184KHD0.1H0 W185CNX0.1HA W185KHD0.1H0

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Wind Speed in Chia-Nan Seas of CNX0 at 2018

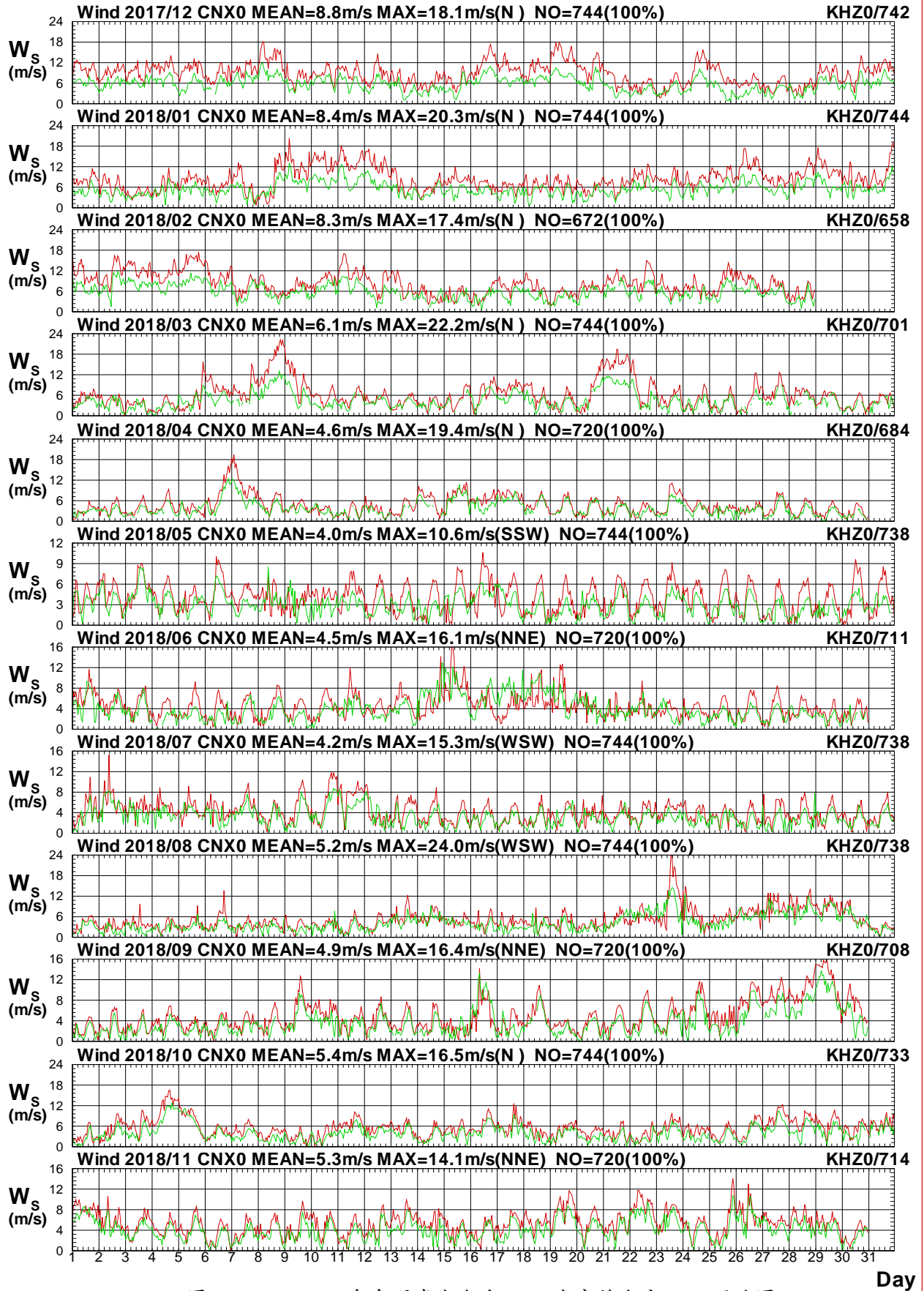


圖 1.3.12a 2018 年每月嘉南海域 X 站與高雄海域 Z 站風速圖

W17CCNX0.1HA W17CKHZ0.1HO W181CNX0.1HA W181KHZ0.1HO W182CNX0.1HA W182KHZ0.1HO
 W183CNX0.1HA W183KHZ0.1HO W184CNX0.1HA W184KHZ0.1HO W185CNX0.1HA W185KHZ0.1HO

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Wind Direction in Chia-Nan Seas of CNX0 at 2018

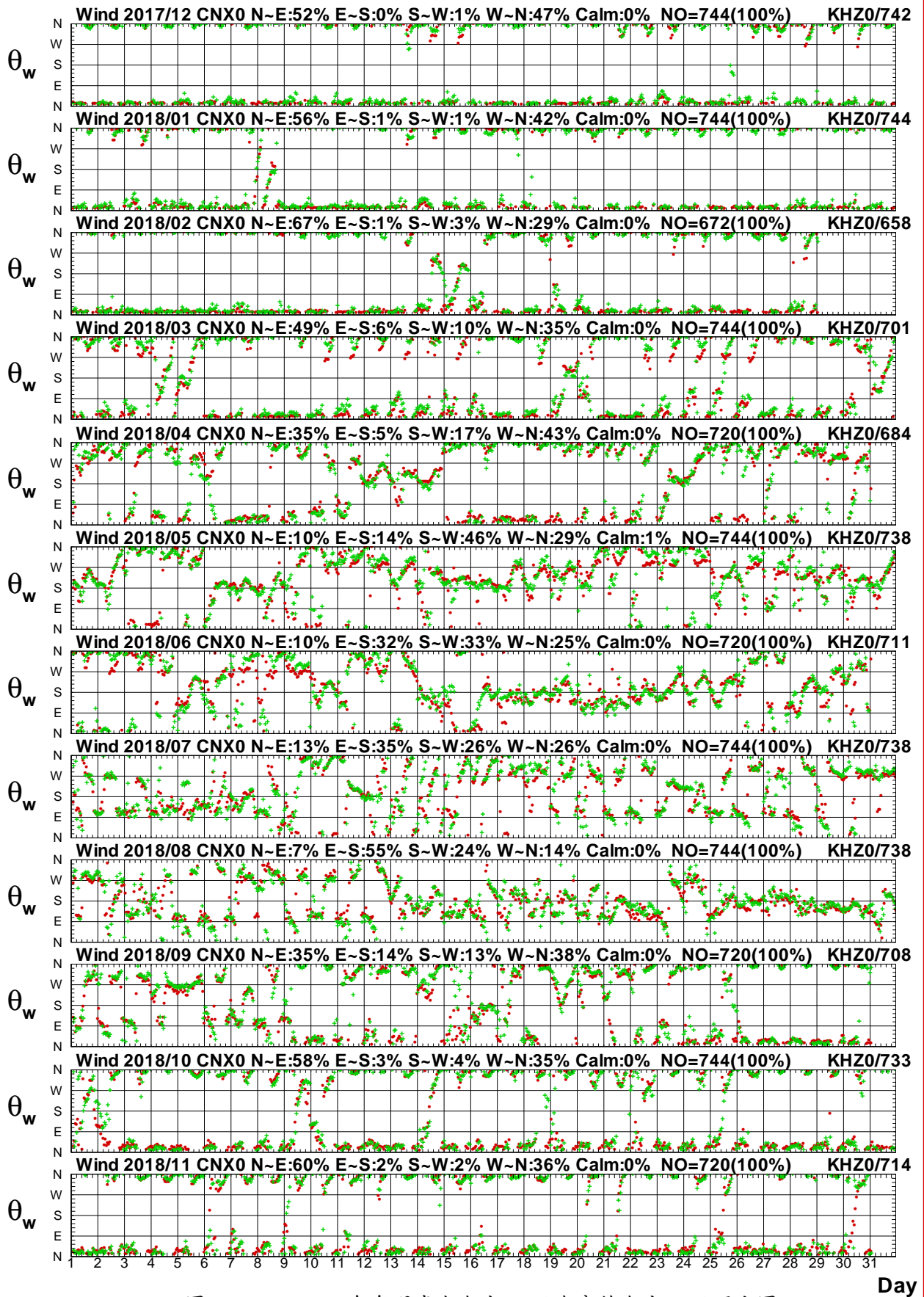


圖1.3.12b 2018年每月嘉南海域 X 站與高雄海域 Z 站風向圖

W17CCNX0.1HA W17CKHZ0.1HO W181CNX0.1HA W181KHZ0.1HO W182CNX0.1HA W182KHZ0.1HO
 W183CNX0.1HA W183KHZ0.1HO W184CNX0.1HA W184KHZ0.1HO W185CNX0.1HA W185KHZ0.1HO

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Wind Speed in Chia-Nan Seas of CNX0 at 2018

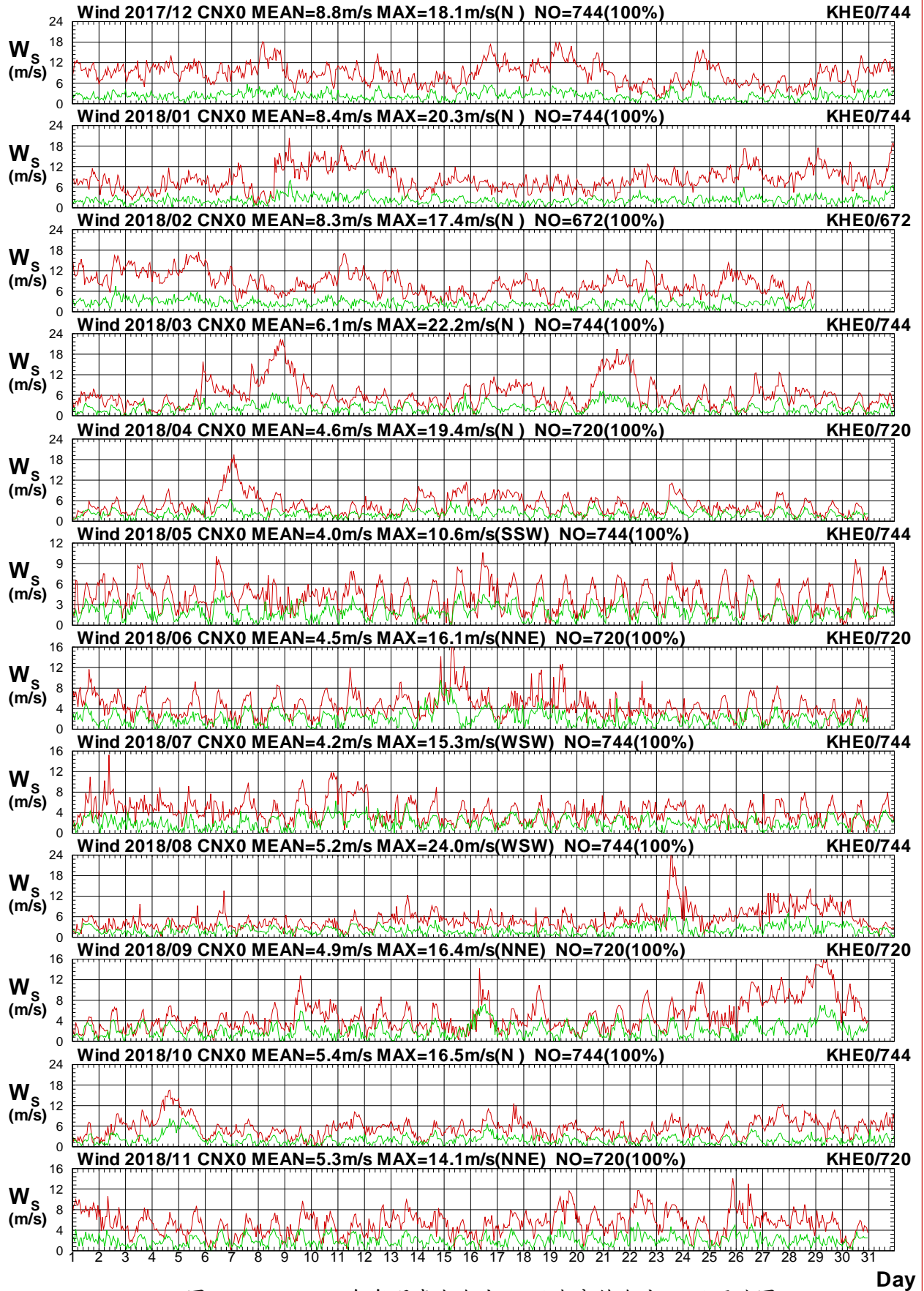


圖 1.3.13a 2018 年每月嘉南海域 X 站與高雄海域 E 站風速圖

W17CCNX0.1HA W17CKHE0.1HO W181CNX0.1HA W181KHE0.1HO W182CNX0.1HA W182KHE0.1HO
 W183CNX0.1HA W183KHE0.1HO W184CNX0.1HA W184KHE0.1HO W185CNX0.1HA W185KHE0.1HO

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Wind Direction in Chia-Nan Seas of CNX0 at 2018

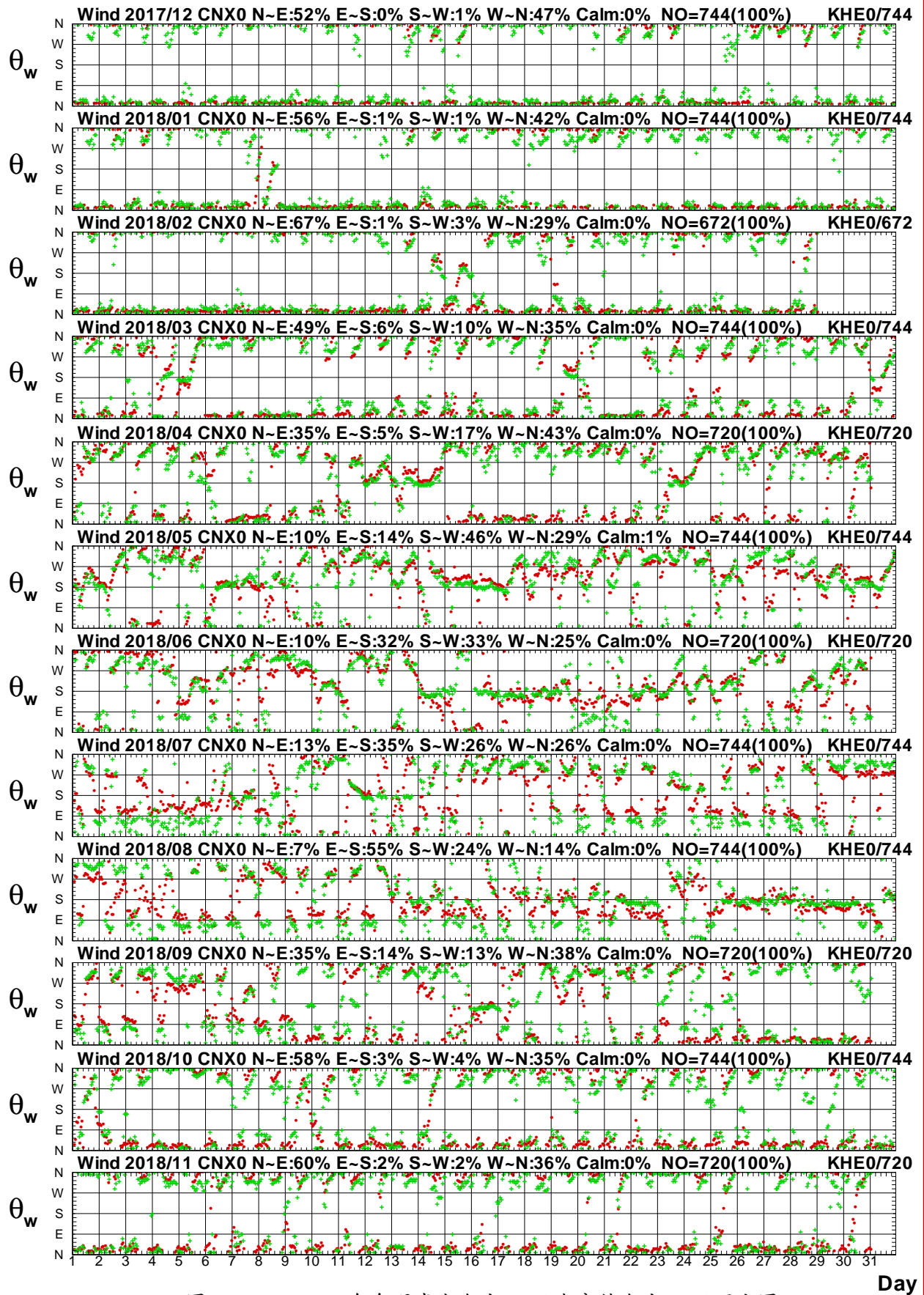


圖 1.3.13b 2018 年每月嘉南海域 X 站與高雄海域 E 站風向圖

W17CCNX0.1HA W17CKHE0.1H0 W181CNX0.1HA W181KHE0.1H0 W182CNX0.1HA W182KHE0.1H0
 W183CNX0.1HA W183KHE0.1H0 W184CNX0.1HA W184KHE0.1H0 W185CNX0.1HA W185KHE0.1H0

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Wind Speed in Chia-Nan Seas of CNX0 at 2018

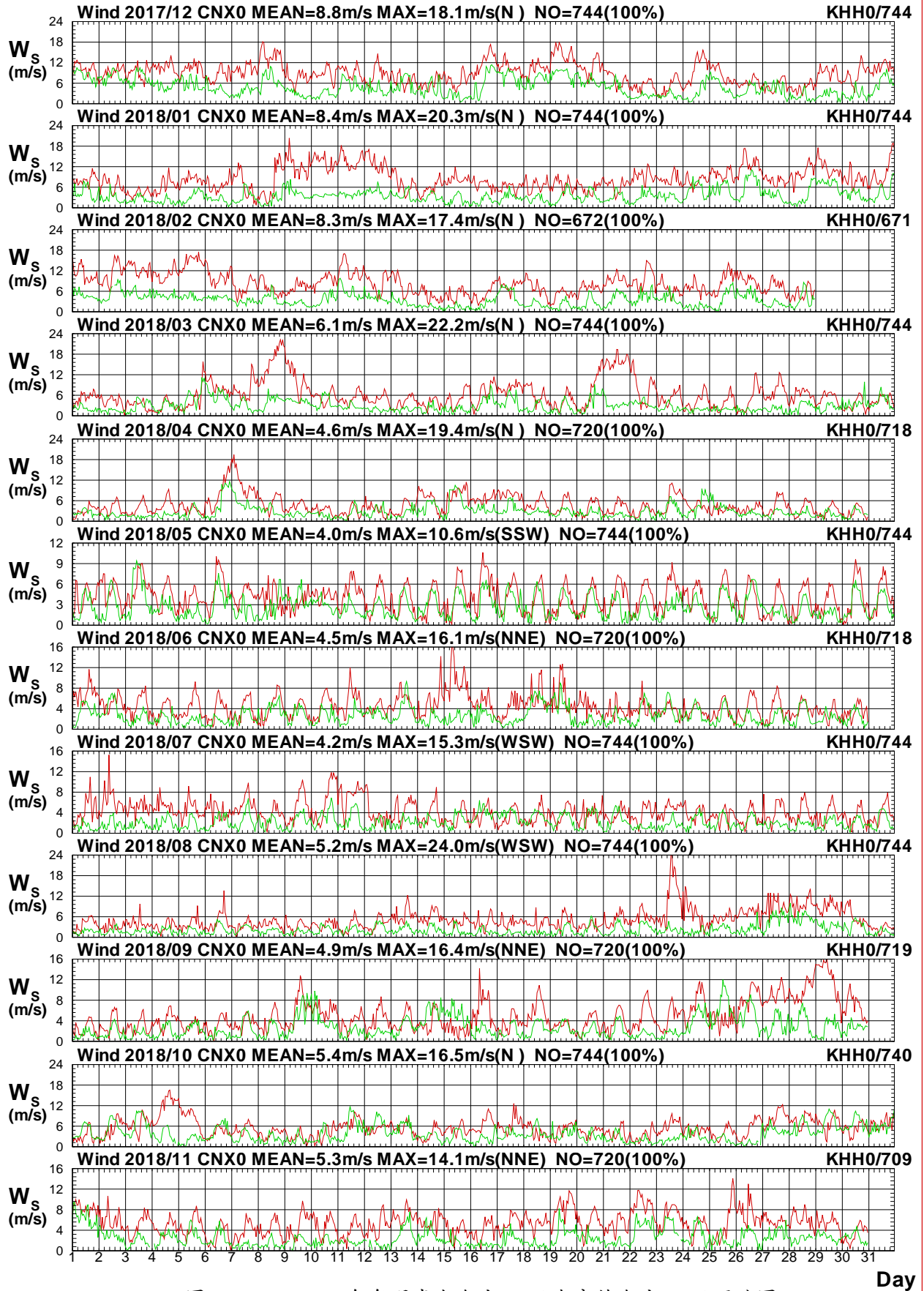


圖1.3.14a 2018年每月嘉南海域 X 站與高雄海域 H 站風速圖

W17CCNX0.1HA W17CKHH0.1H0 W181CNX0.1HA W181KHH0.1H0 W182CNX0.1HA W182KHH0.1H0
 W183CNX0.1HA W183KHH0.1H0 W184CNX0.1HA W184KHH0.1H0 W185CNX0.1HA W185KHH0.1H0

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Wind Direction in Chia-Nan Seas of CNX0 at 2018

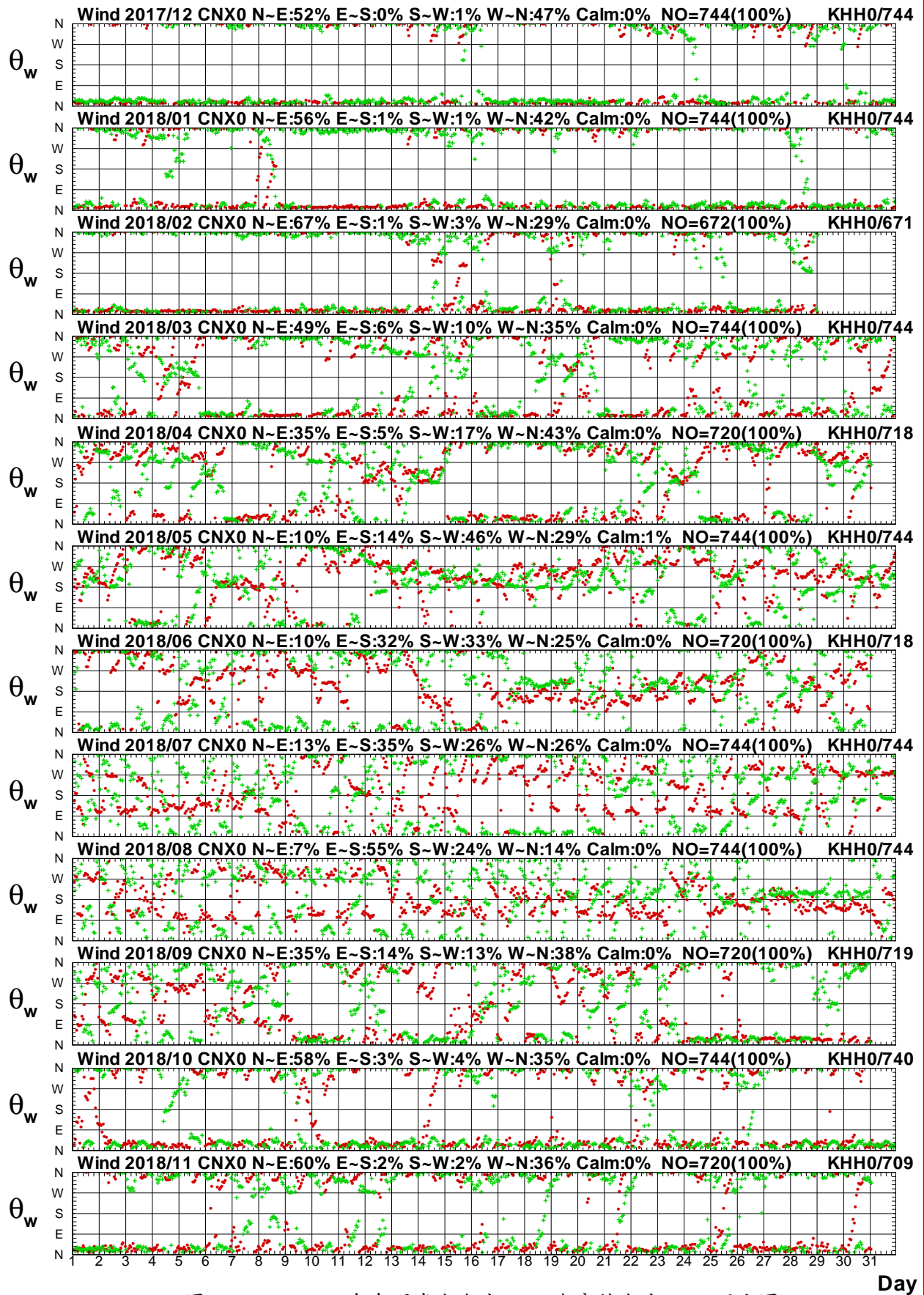


圖 1.3.14b 2018 年每月嘉南海域 X 站與高雄海域 H 站風向圖

W17CCNX0.1HA W17CKHH0.1H0 W181CNX0.1HA W181KHH0.1H0 W182CNX0.1HA W182KHH0.1H0
 W183CNX0.1HA W183KHH0.1H0 W184CNX0.1HA W184KHH0.1H0 W185CNX0.1HA W185KHH0.1H0

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Wind Speed in Chia-Nan Seas of CNX0 at 2018

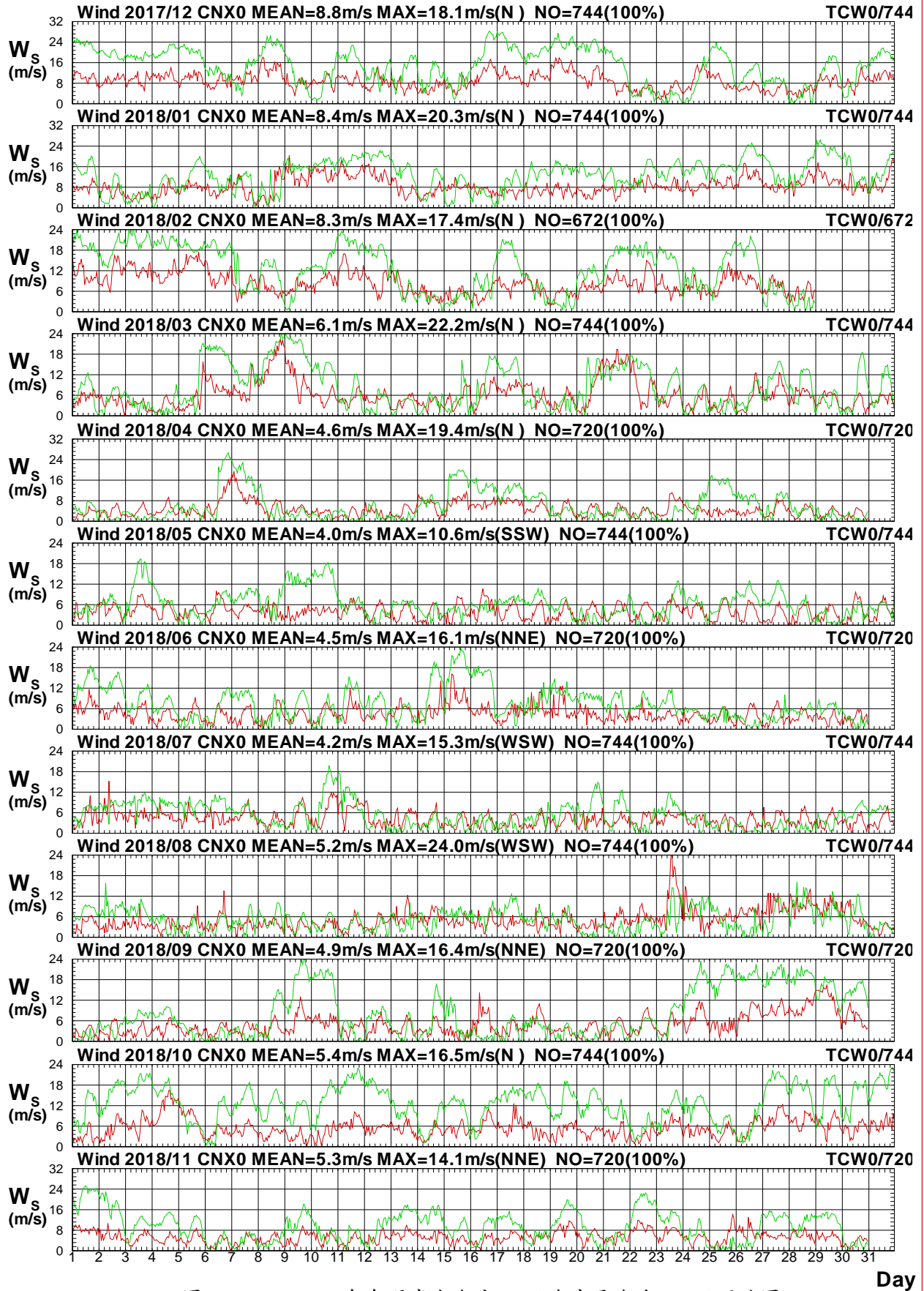


圖 1.3.15a 2018年每月嘉南海域 X 站與中雲海域 W 站風速圖

W17CCNX0.1HA W17CTCW0.1H0 W181CNX0.1HA W181TCW0.1H0 W182CNX0.1HA W182TCW0.1H0
 W183CNX0.1HA W183TCW0.1H0 W184CNX0.1HA W184TCW0.1H0 W185CNX0.1HA W185TCW0.1H0 Institute of Harbor & Marine Technology

Wind Direction in Chia-Nan Seas of CNX0 at 2018

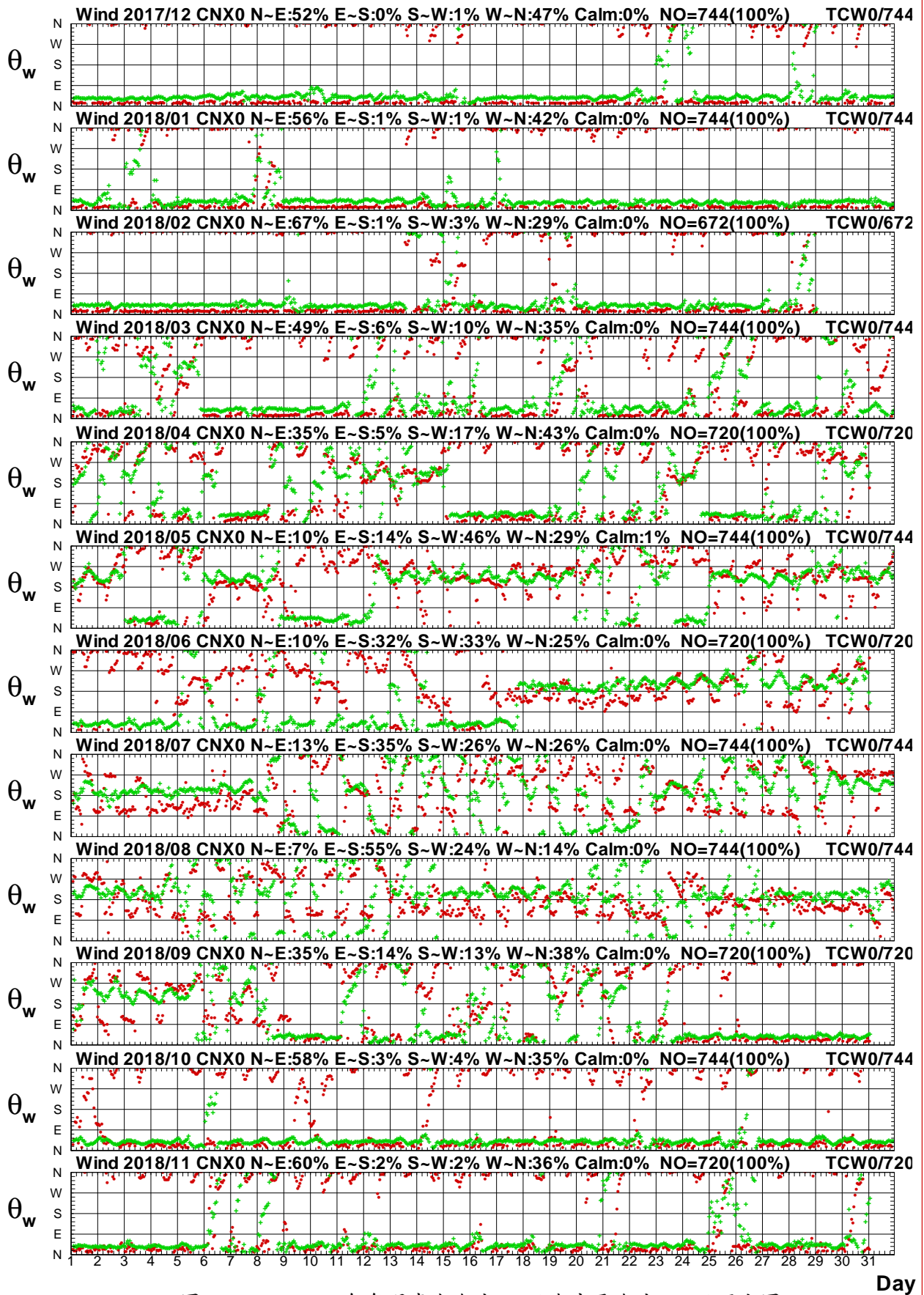


圖 1.3.15b 2018年每月嘉南海域 X 站與中雲海域 W 站風向圖

W17CCNX0.1HA W17CTCW0.1H0 W181CNX0.1HA W181TCW0.1H0 W182CNX0.1HA W182TCW0.1H0
 W183CNX0.1HA W183TCW0.1H0 W184CNX0.1HA W184TCW0.1H0 W185CNX0.1HA W185TCW0.1H0

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Wind Speed in Chia-Nan Seas of CNX0 at 2018

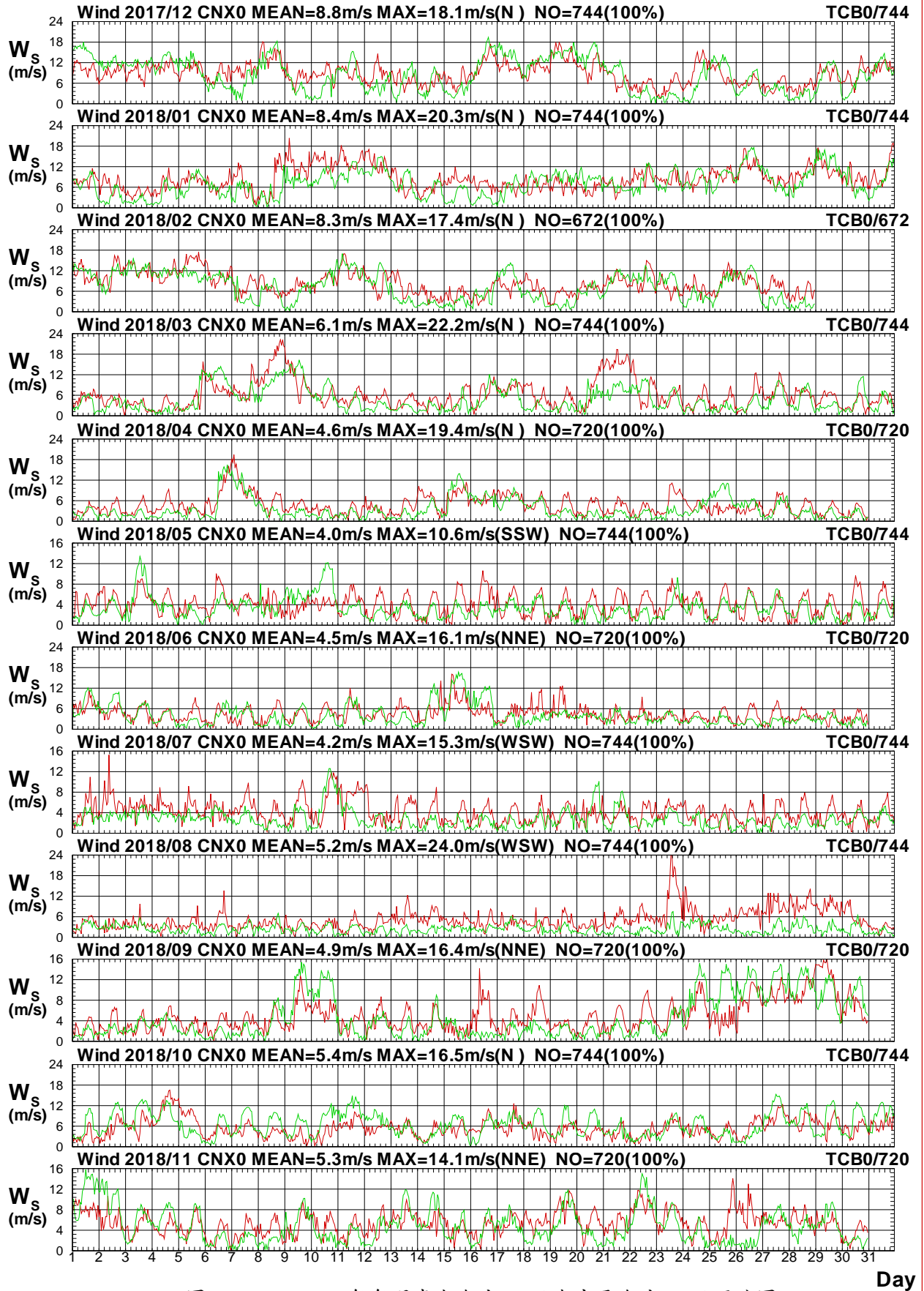


圖1.3.16a 2018年每月嘉南海域 X 站與中雲海域 B 站風速圖

W17CCNX0.1HA W17CTCB0.1HO W181CNX0.1HA W181TCB0.1HO W182CNX0.1HA W182TCB0.1HO
 W183CNX0.1HA W183TCB0.1HO W184CNX0.1HA W184TCB0.1HO W185CNX0.1HA W185TCB0.1HO
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Wind Direction in Chia-Nan Seas of CNX0 at 2018

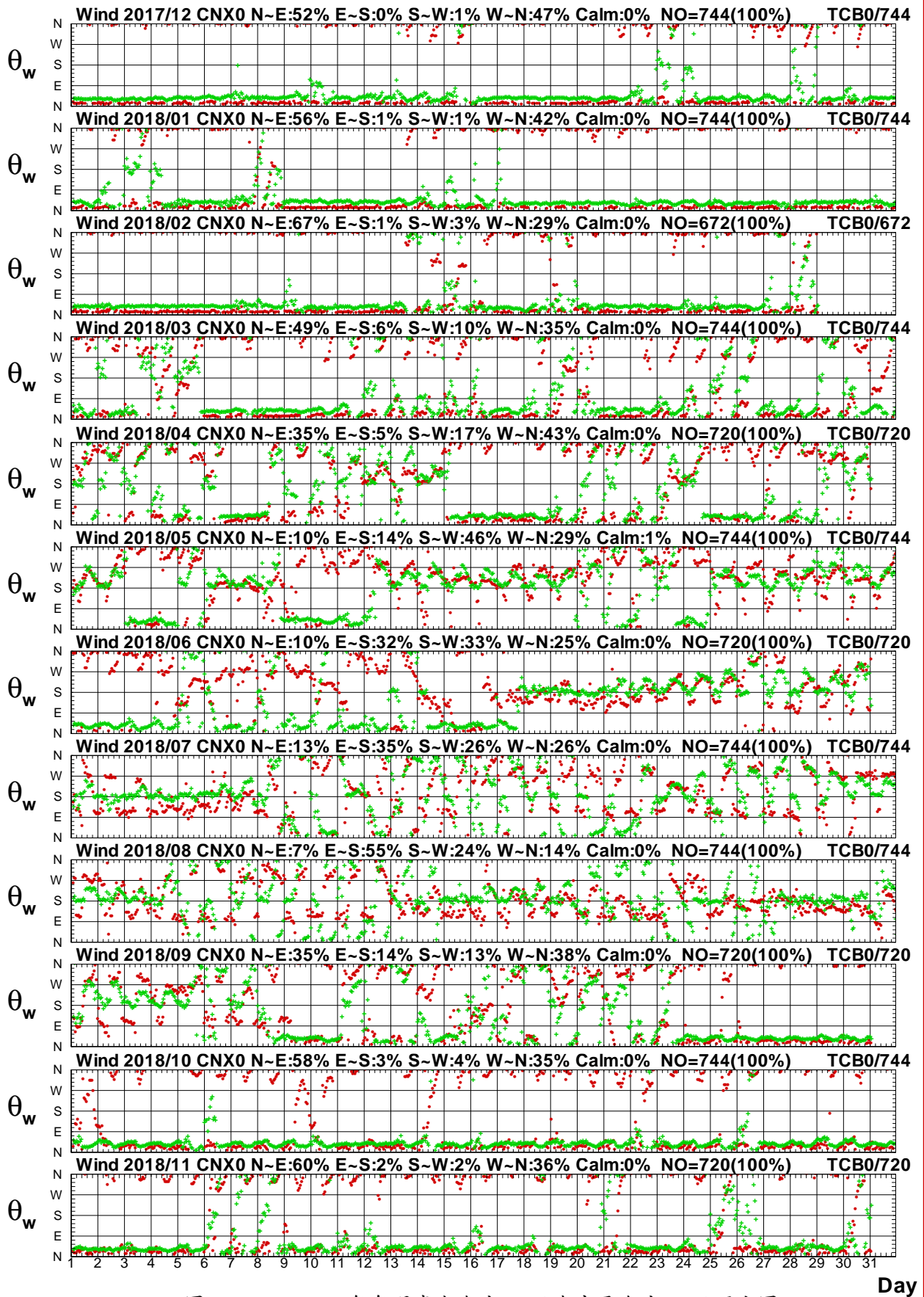


圖 1.3.16b 2018 年每月嘉南海域 X 站與中雲海域 B 站風向圖

W17CCNX0.1HA W17CTCB0.1H0 W181CNX0.1HA W181TCB0.1H0 W182CNX0.1HA W182TCB0.1H0
 W183CNX0.1HA W183TCB0.1H0 W184CNX0.1HA W184TCB0.1H0 W185CNX0.1HA W185TCB0.1H0

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Wind Speed in Chia-Nan Seas of CNX0 at 2018

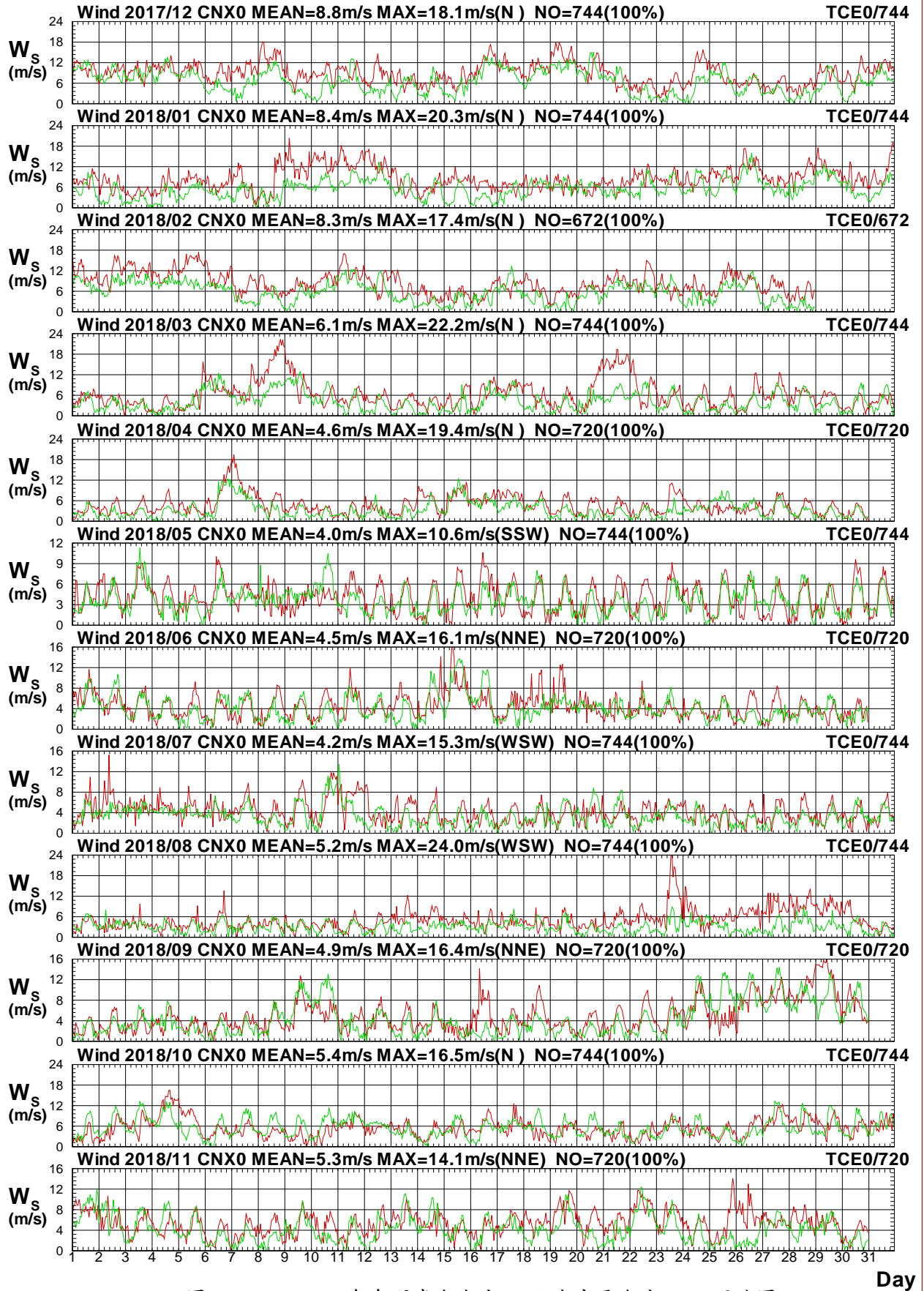


圖1.3.17a 2018年每月嘉南海域 X 站與中雲海域 E 站風速圖

W17CCNX0.1HA W17CTCE0.1HO W181CNX0.1HA W181TCE0.1HO W182CNX0.1HA W182TCE0.1HO
 W183CNX0.1HA W183TCE0.1HO W184CNX0.1HA W184TCE0.1HO W185CNX0.1HA W185TCE0.1HO

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Wind Direction in Chia-Nan Seas of CNX0 at 2018

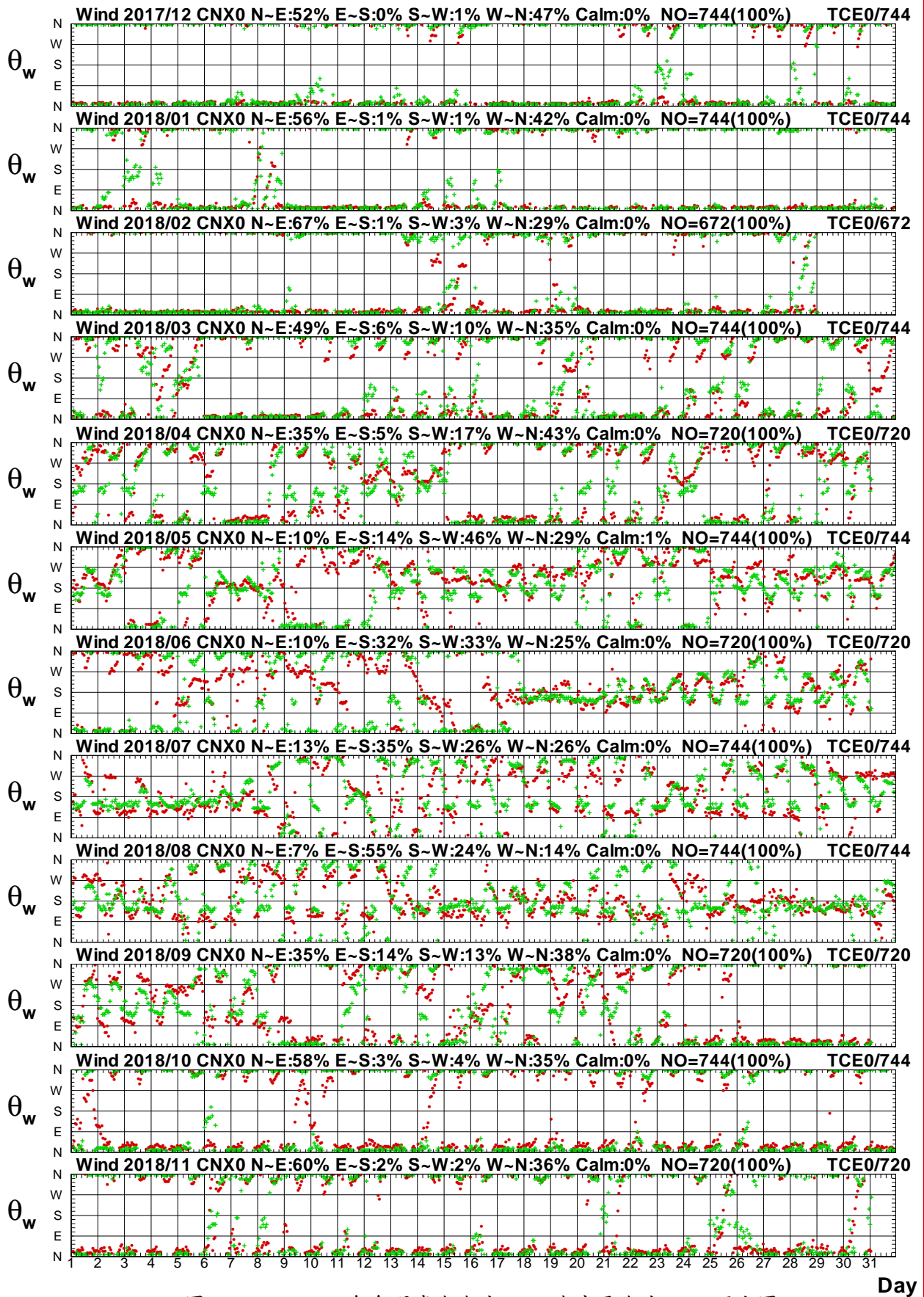


圖1.3.17b 2018年每月嘉南海域 X 站與中雲海域 E 站風向圖

W17CCNX0.1HA W17CTCE0.1HO W181CNX0.1HA W181TCE0.1HO W182CNX0.1HA W182TCE0.1HO
 W183CNX0.1HA W183TCE0.1HO W184CNX0.1HA W184TCE0.1HO W185CNX0.1HA W185TCE0.1HO

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Wind Speed in Chia-Nan Seas of CNX0 at 2018

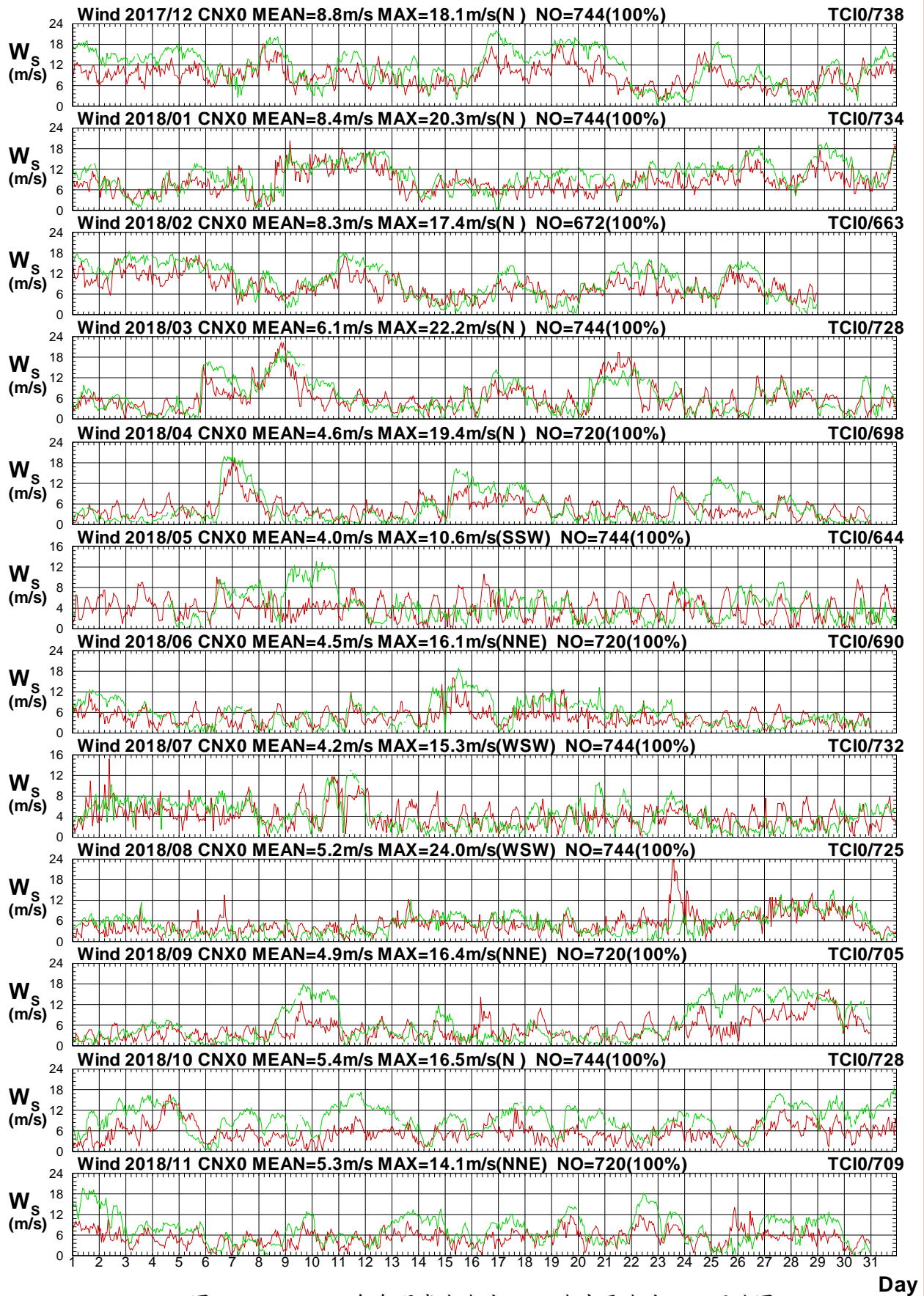


圖1.3.18a 2018年每月嘉南海域 X 站與中雲海域 I 站風速圖

W17CCNX0.1HA W17CTCIO.1H0 W181CNX0.1HA W181TCIO.1H0 W182CNX0.1HA W182TCIO.1H0
 W183CNX0.1HA W183TCIO.1H0 W184CNX0.1HA W184TCIO.1H0 W185CNX0.1HA W185TCIO.1H0

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Wind Direction in Chia-Nan Seas of CNX0 at 2018

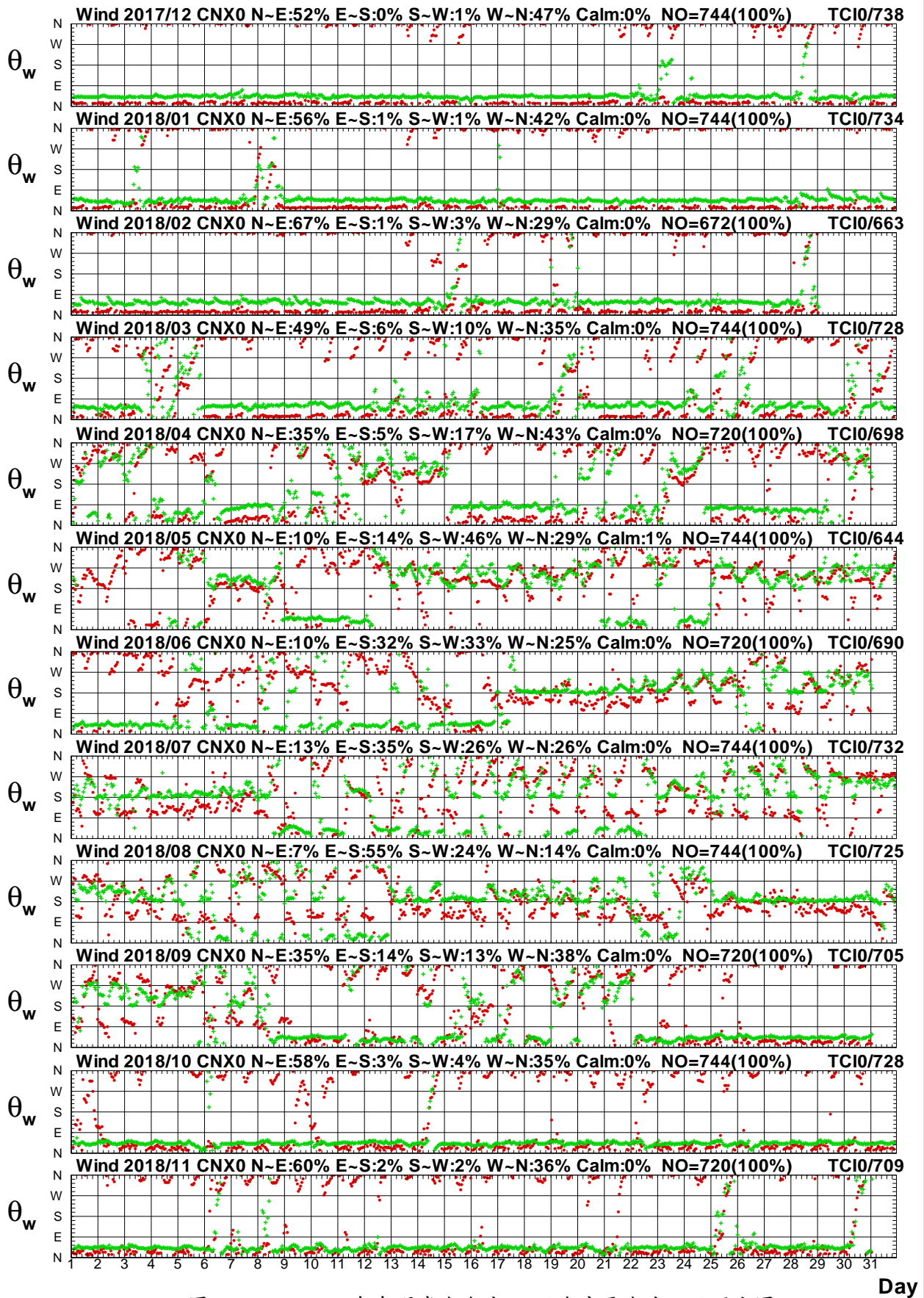


圖1.3.18b 2018年每月嘉南海域 X 站與中雲海域 I 站風向圖

W17CCNX0.1HA W17CTCI0.1H0 W181CNX0.1HA W181TCI0.1H0 W182CNX0.1HA W182TCI0.1H0
 W183CNX0.1HA W183TCI0.1H0 W184CNX0.1HA W184TCI0.1H0 W185CNX0.1HA W185TCI0.1H0

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1.4 2018年嘉南海域風力**主要測站2**(修補後)與 **其他測站**(修補前)每月風力歷線比較圖

Wind Speed in Chia-Nan Seas of CNB0 at 2018

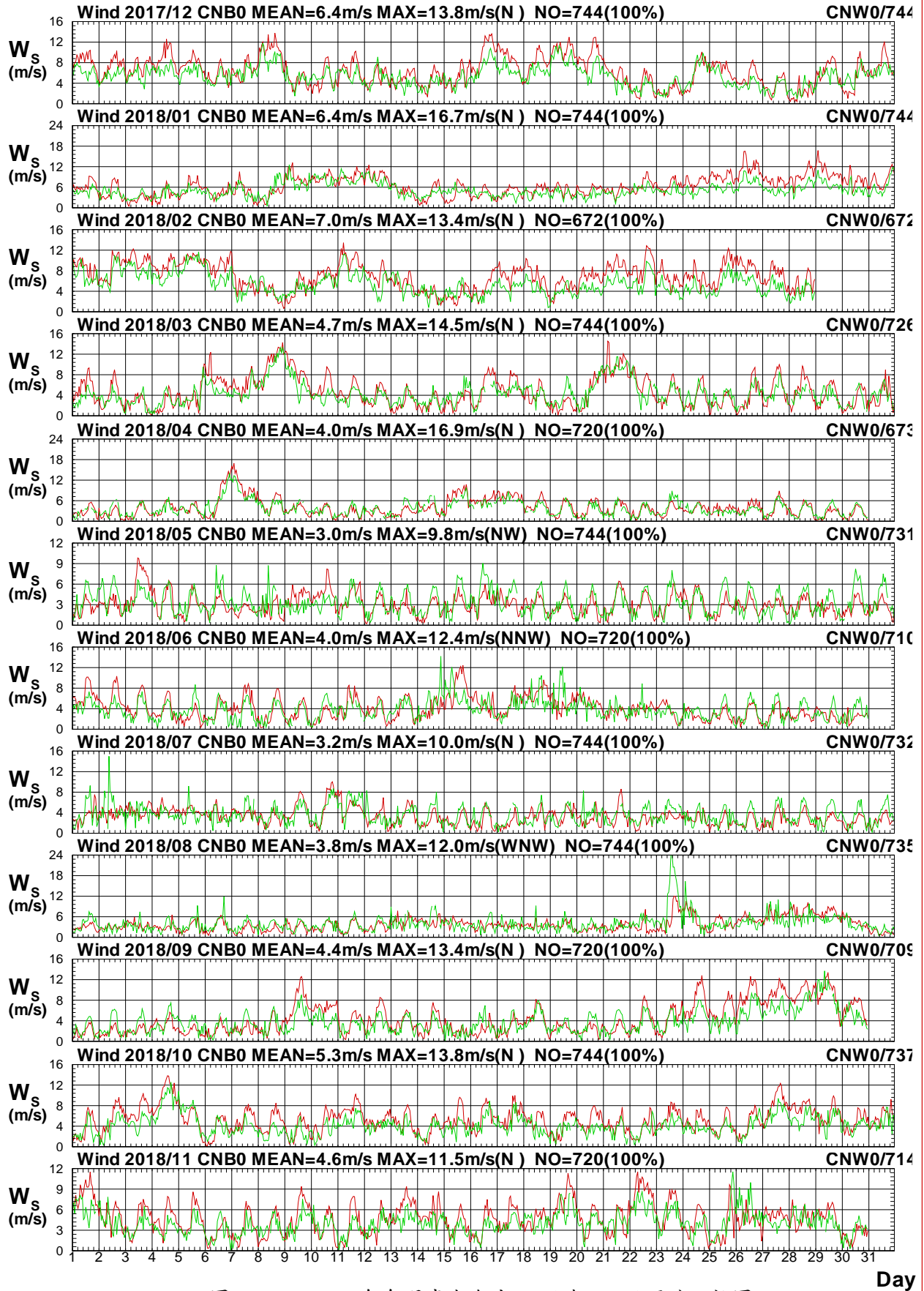


圖1.4.1a 2018年每月嘉南海域 B 站與 W 站風速比較圖

W17CCNB0.1HA W17CCNW0.1H0 W181CNB0.1HA W181CNW0.1H0 W182CNB0.1HA W182CNW0.1H0
 W183CNB0.1HA W183CNW0.1H0 W184CNB0.1HA W184CNW0.1H0 W185CNB0.1HA W185CNW0.1H0

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Wind Direction in Chia-Nan Seas of CNB0 at 2018

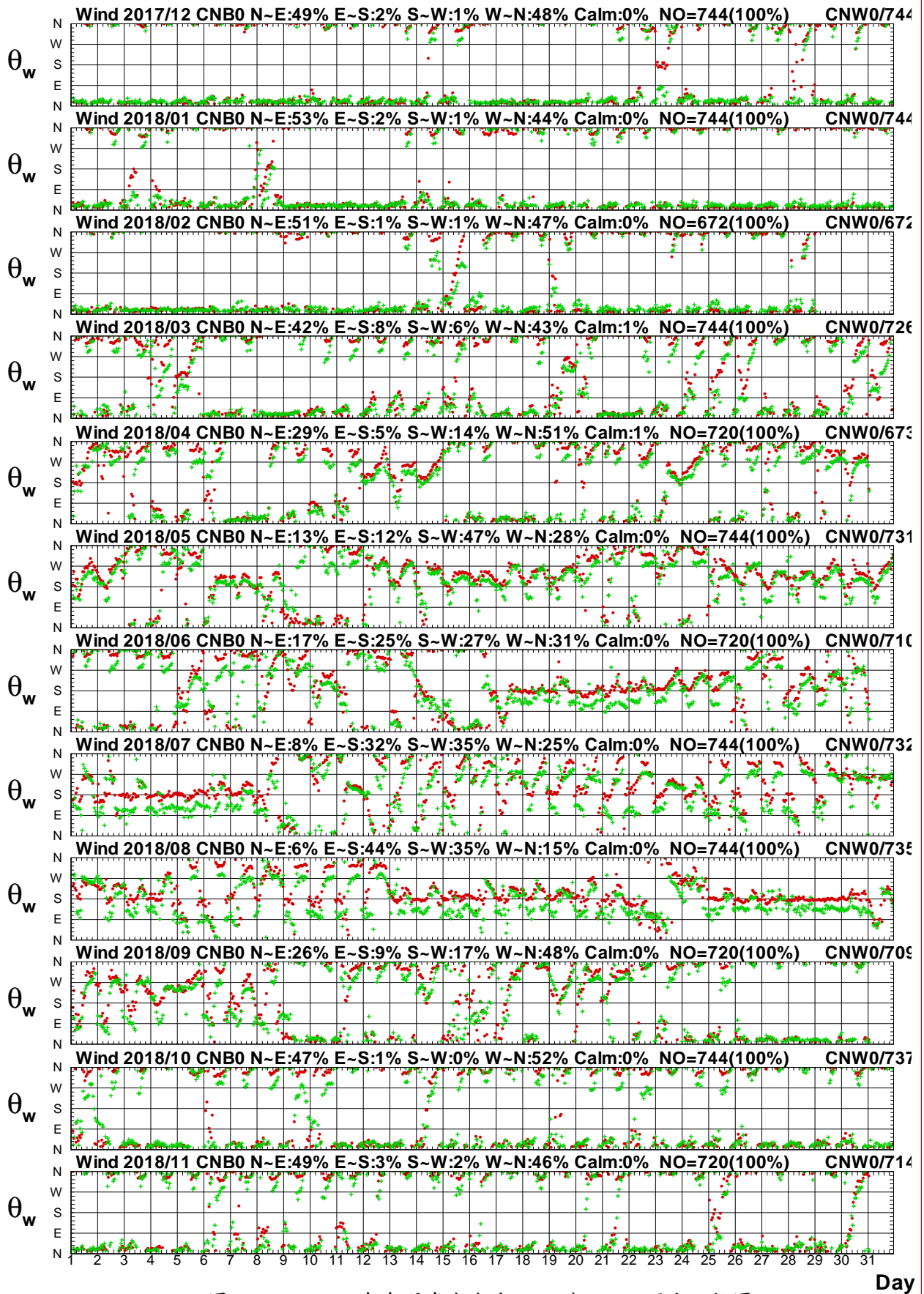


圖1.4.1b 2018年每月嘉南海域 B 站與 W 站風向比較圖

W17CCNB0.1HA W17CCNW0.1H0 W181CNB0.1HA W181CNW0.1H0 W182CNB0.1HA W182CNW0.1H0
 W183CNB0.1HA W183CNW0.1H0 W184CNB0.1HA W184CNW0.1H0 W185CNB0.1HA W185CNW0.1H0

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Wind Speed in Chia-Nan Seas of CNB0 at 2018

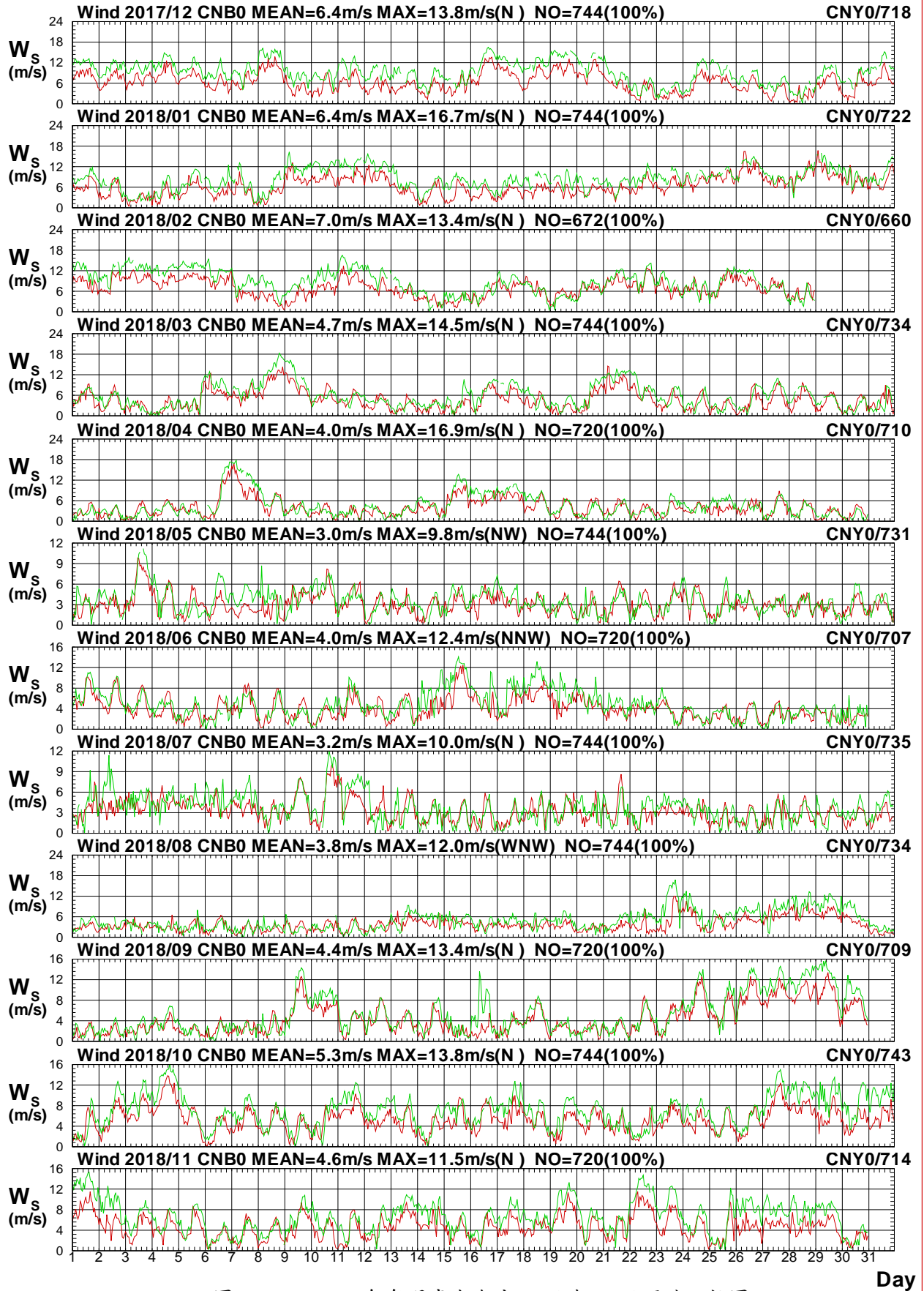


圖1.4.2a 2018年每月嘉南海域 B 站與 Y 站風速比較圖

W17CCNB0.1HA W17CCNY0.1H0 W181CNB0.1HA W181CNY0.1H0 W182CNB0.1HA W182CNY0.1H0
 W183CNB0.1HA W183CNY0.1H0 W184CNB0.1HA W184CNY0.1H0 W185CNB0.1HA W185CNY0.1H0

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Wind Direction in Chia-Nan Seas of CNB0 at 2018

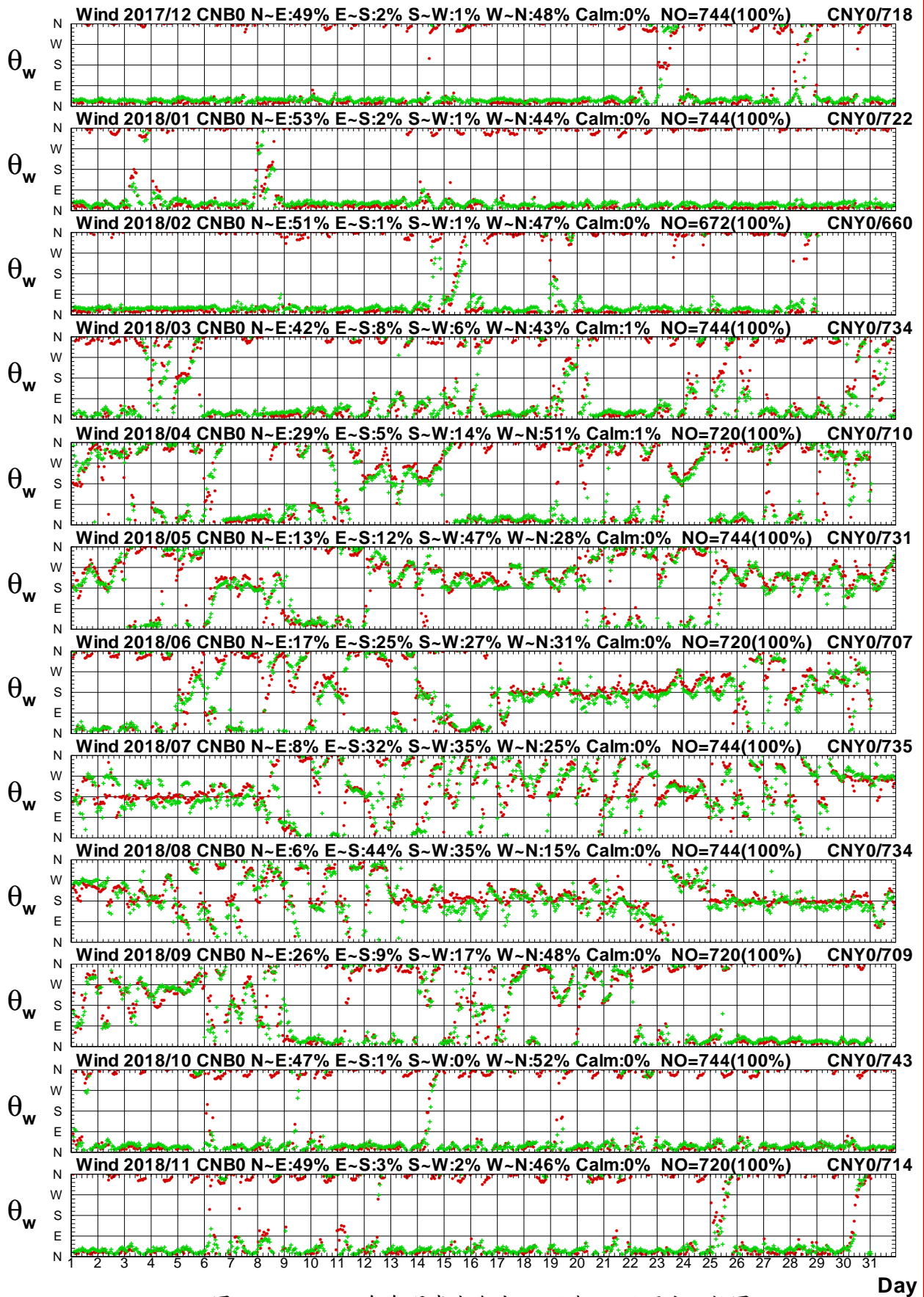


圖1.4.2b 2018年每月嘉南海域 B 站與 Y 站風向比較圖

W17CCNB0.1HA W17CCNY0.1H0 W181CNB0.1HA W181CNY0.1H0 W182CNB0.1HA W182CNY0.1H0
 W183CNB0.1HA W183CNY0.1H0 W184CNB0.1HA W184CNY0.1H0 W185CNB0.1HA W185CNY0.1H0

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Wind Speed in Chia-Nan Seas of CNB0 at 2018

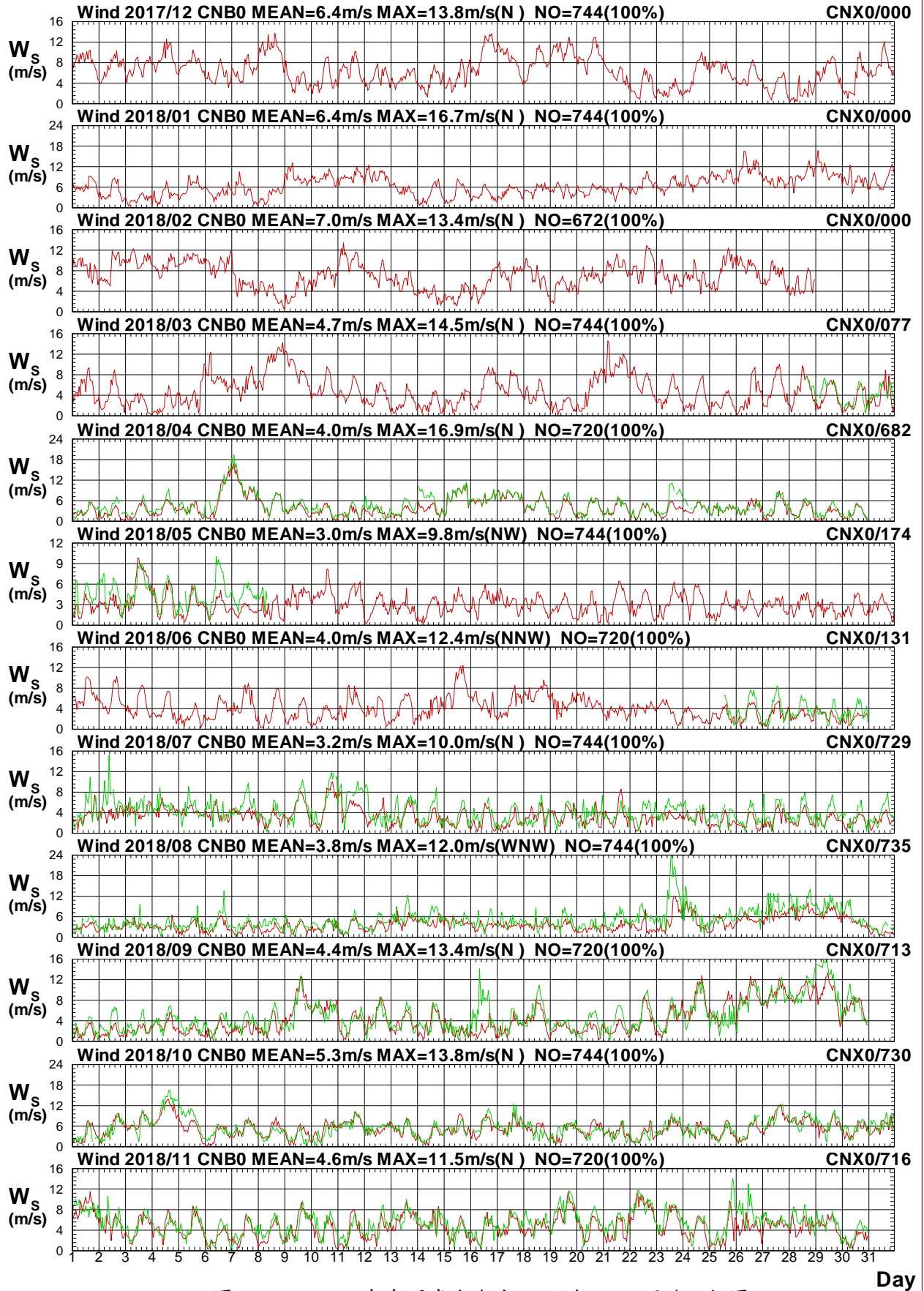


圖1.4.3a 2018年每月嘉南海域 B 站與 X 站風速比較圖

W17CCNB0.1HA W17CCNX0.1HO W181CNB0.1HA W181CNX0.1HO W182CNB0.1HA W182CNX0.1HO
 W183CNB0.1HA W183CNX0.1HO W184CNB0.1HA W184CNX0.1HO W185CNB0.1HA W185CNX0.1HO

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Wind Direction in Chia-Nan Seas of CNB0 at 2018

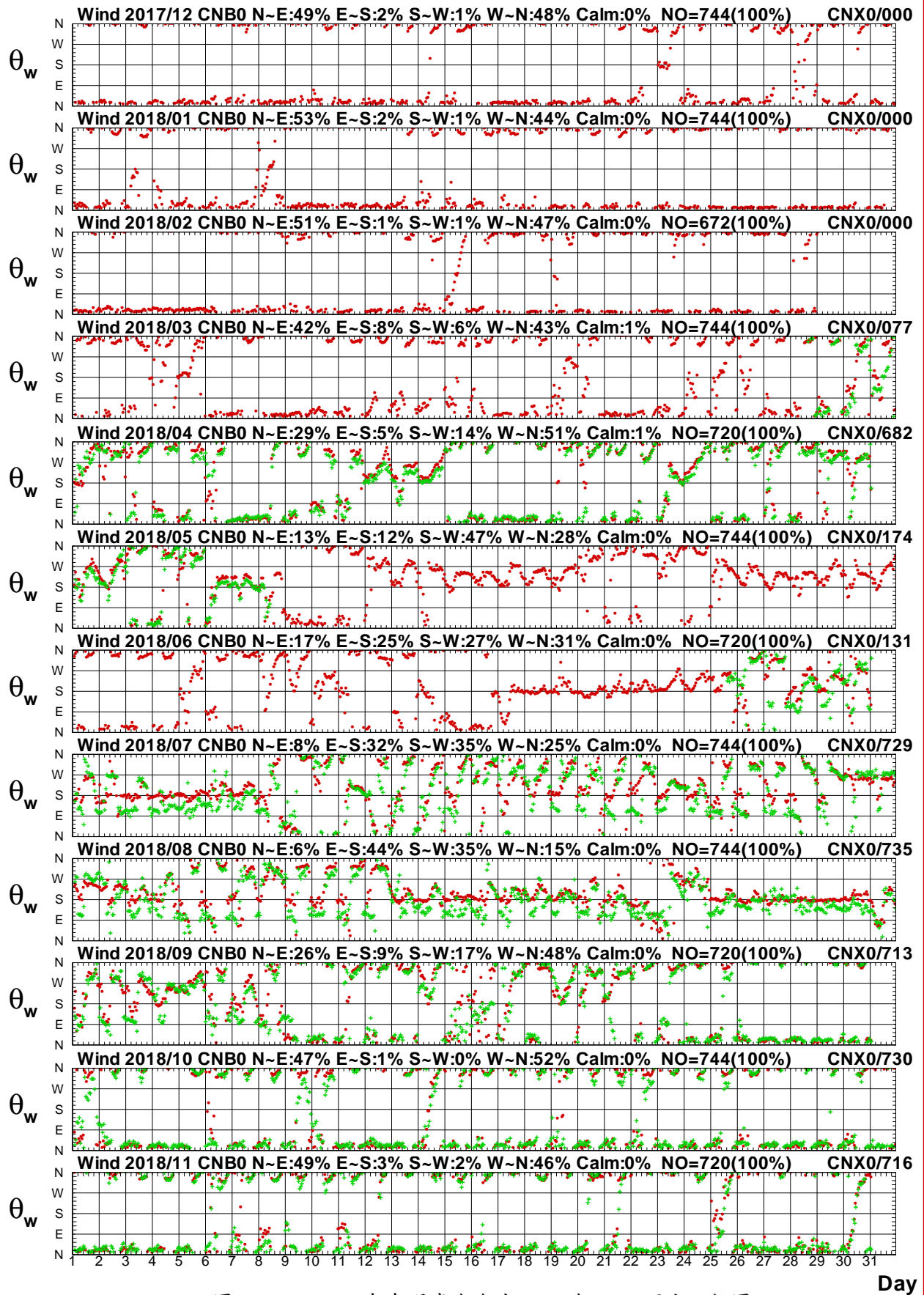


圖1.4.3b 2018年每月嘉南海域 B 站與 X 站風向比較圖

W17CCNB0.1HA W17CCNX0.1H0 W181CNB0.1HA W181CNX0.1H0 W182CNB0.1HA W182CNX0.1H0
 W183CNB0.1HA W183CNX0.1H0 W184CNB0.1HA W184CNX0.1H0 W185CNB0.1HA W185CNX0.1H0

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Wind Speed in Chia-Nan Seas of CNB0 at 2018

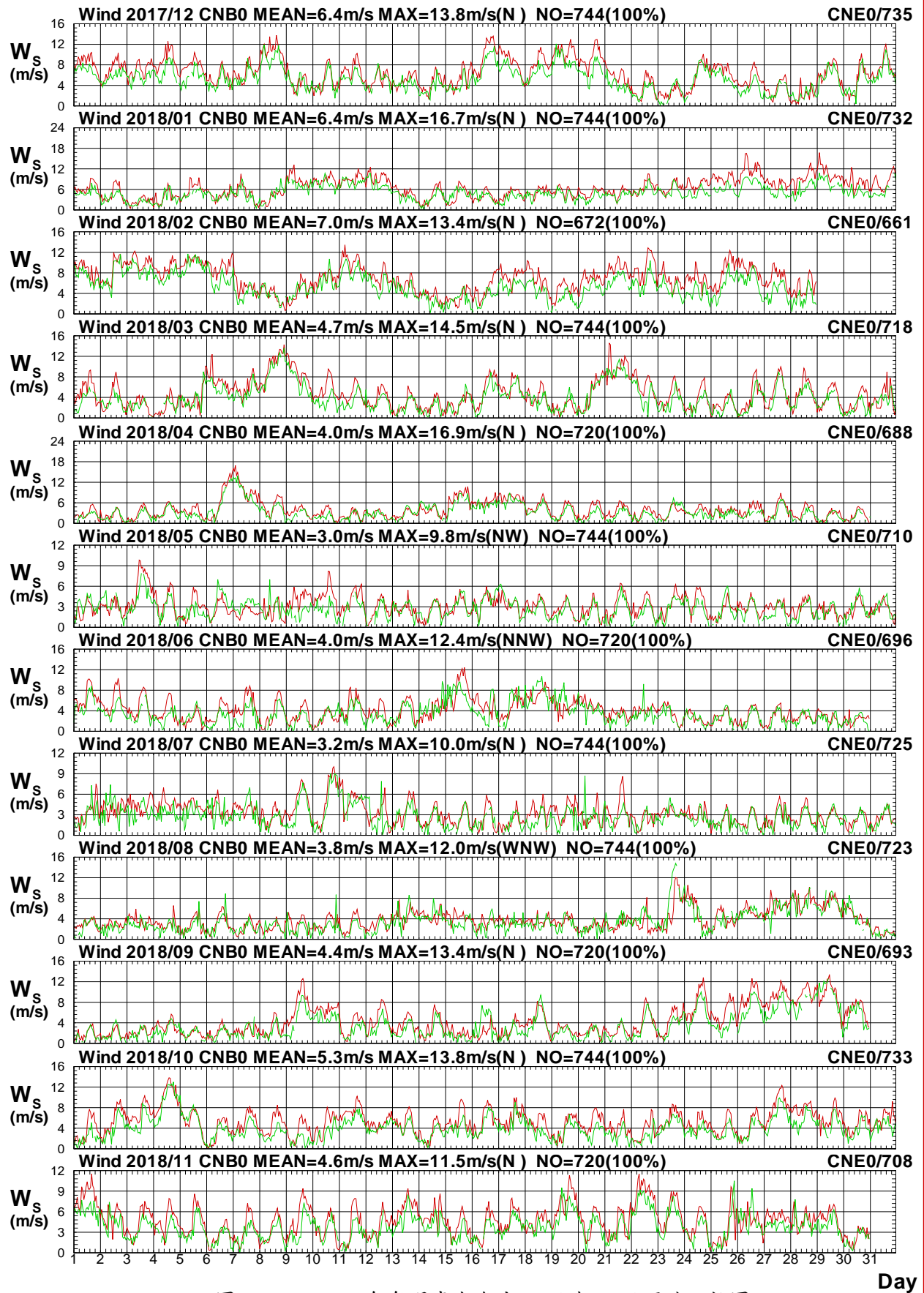


圖1.4.4a 2018年每月嘉南海域 B 站與 E 站風速比較圖

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 W183CNB0.1HA W183CNE0.1H0 W184CNB0.1HA W184CNE0.1H0 W185CNB0.1HA W185CNE0.1H0

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Wind Direction in Chia-Nan Seas of CNB0 at 2018

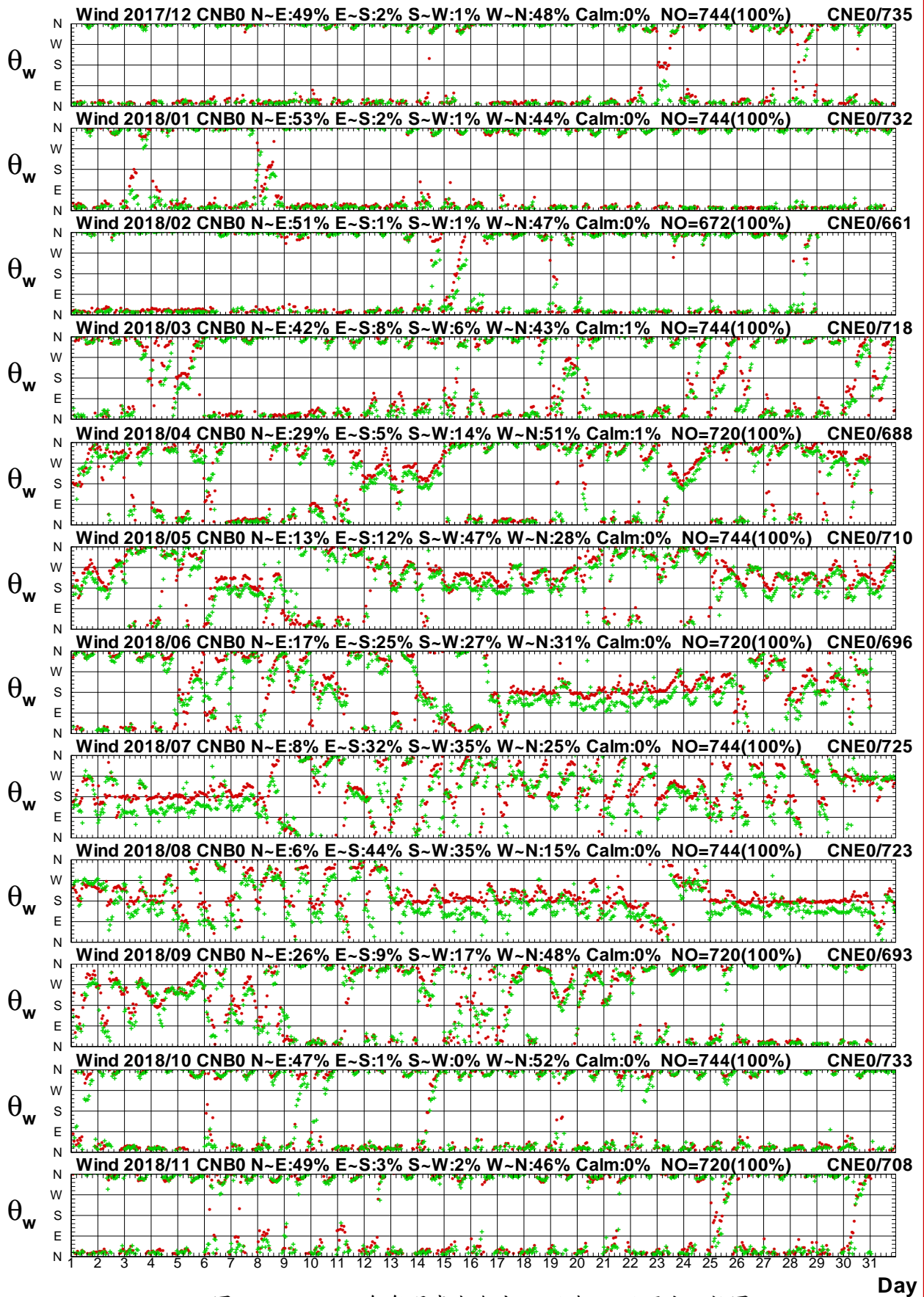


圖1.4.4b 2018年每月嘉南海域 B 站與 E 站風向比較圖

W17CCNB0.1HA W17CCNE0.1H0 W181CNB0.1HA W181CNE0.1H0 W182CNB0.1HA W182CNE0.1H0
 W183CNB0.1HA W183CNE0.1H0 W184CNB0.1HA W184CNE0.1H0 W185CNB0.1HA W185CNE0.1H0

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Wind Speed in Chia-Nan Seas of CNB0 at 2018

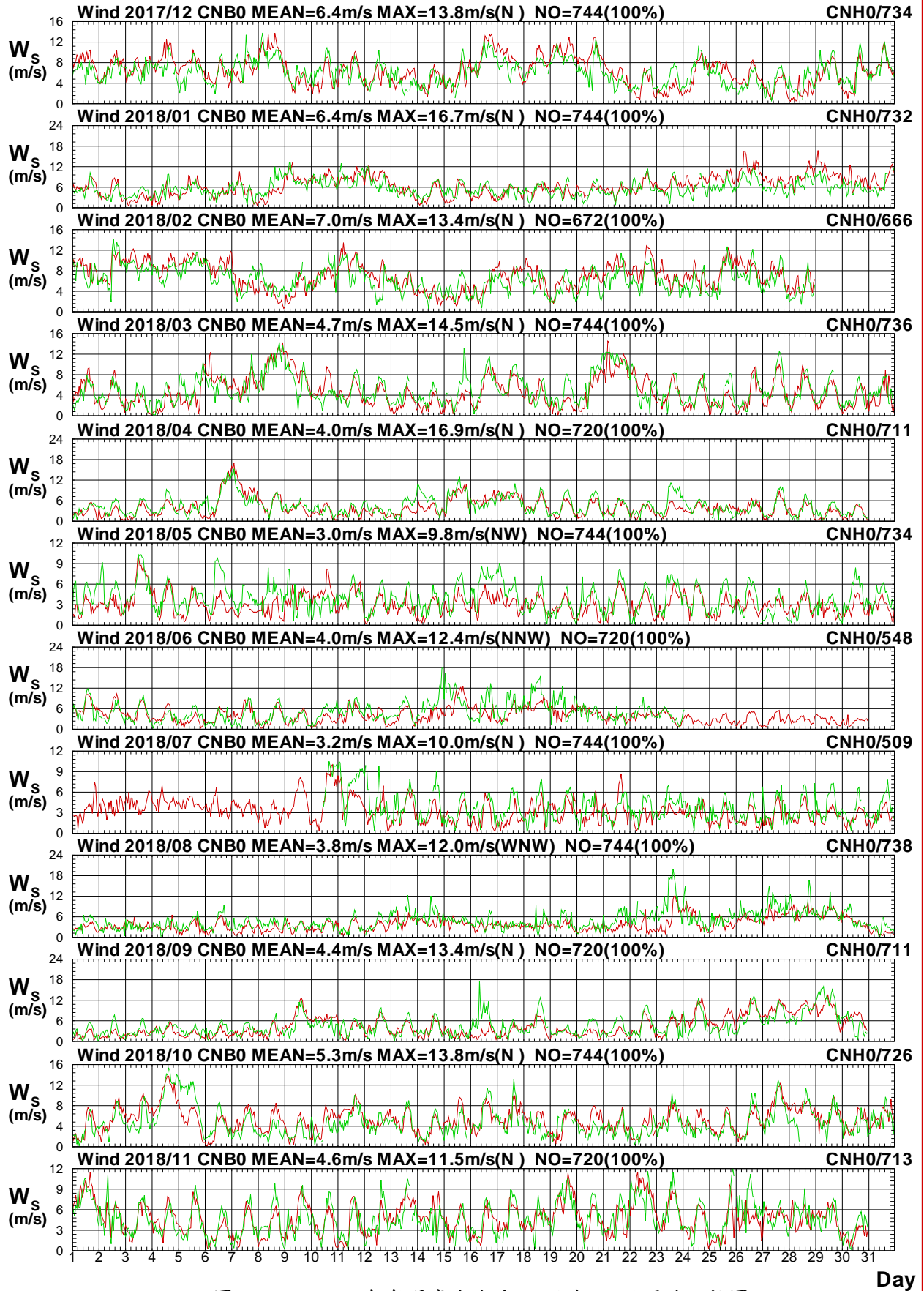


圖1.4.5a 2018年每月嘉南海域 B 站與 H 站風速比較圖

W17CCNB0.1HA W17CCNH0.1H0 W181CNB0.1HA W181CNH0.1H0 W182CNB0.1HA W182CNH0.1H0
 W183CNB0.1HA W183CNH0.1H0 W184CNB0.1HA W184CNH0.1H0 W185CNB0.1HA W185CNH0.1H0

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Wind Direction in Chia-Nan Seas of CNB0 at 2018

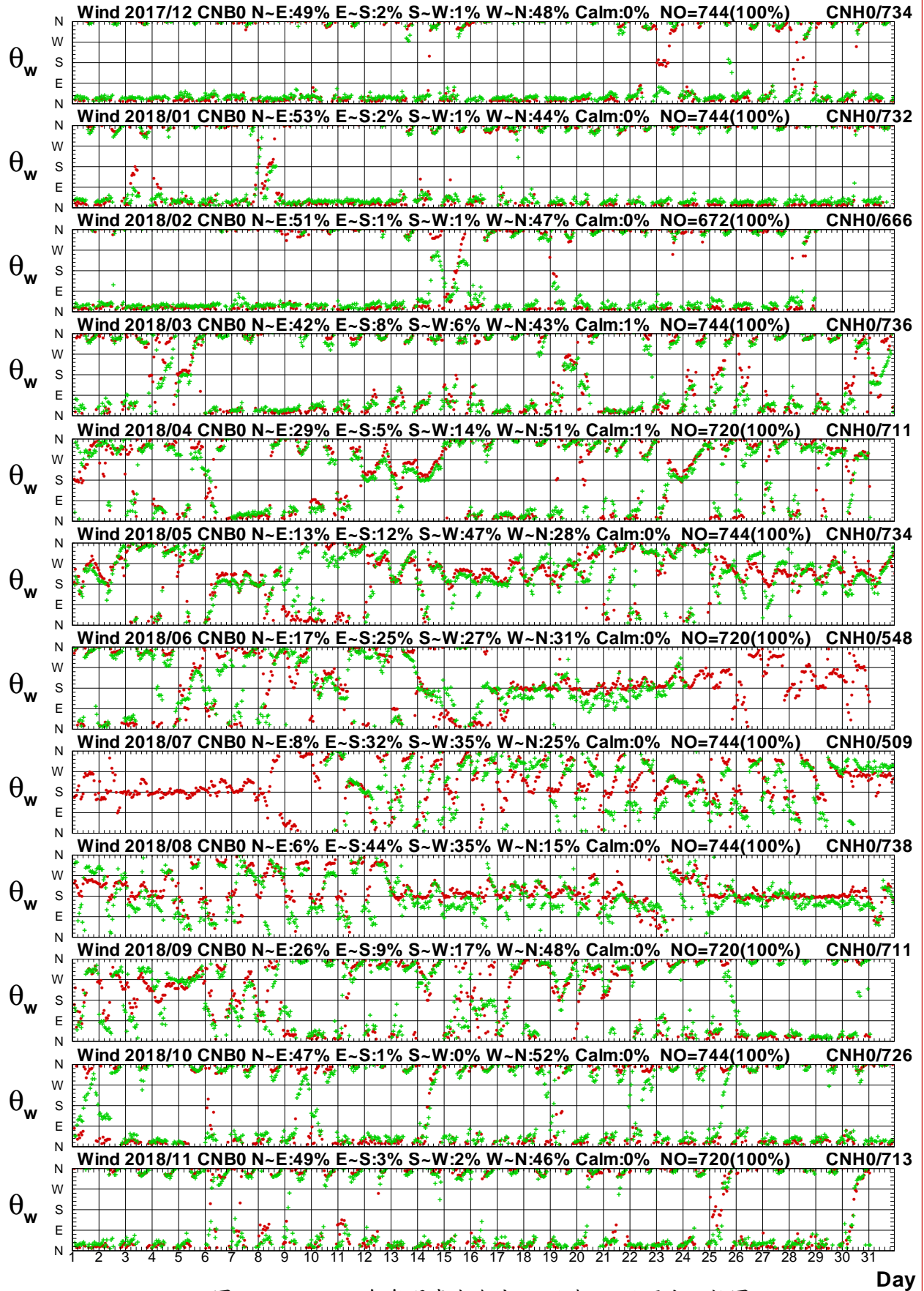


圖1.4.5b 2018年每月嘉南海域 B 站與 H 站風向比較圖

W17CCNB0.1HA W17CCNH0.1H0 W181CNB0.1HA W181CNH0.1H0 W182CNB0.1HA W182CNH0.1H0
 W183CNB0.1HA W183CNH0.1H0 W184CNB0.1HA W184CNH0.1H0 W185CNB0.1HA W185CNH0.1H0

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Wind Speed in Chia-Nan Seas of CNB0 at 2018

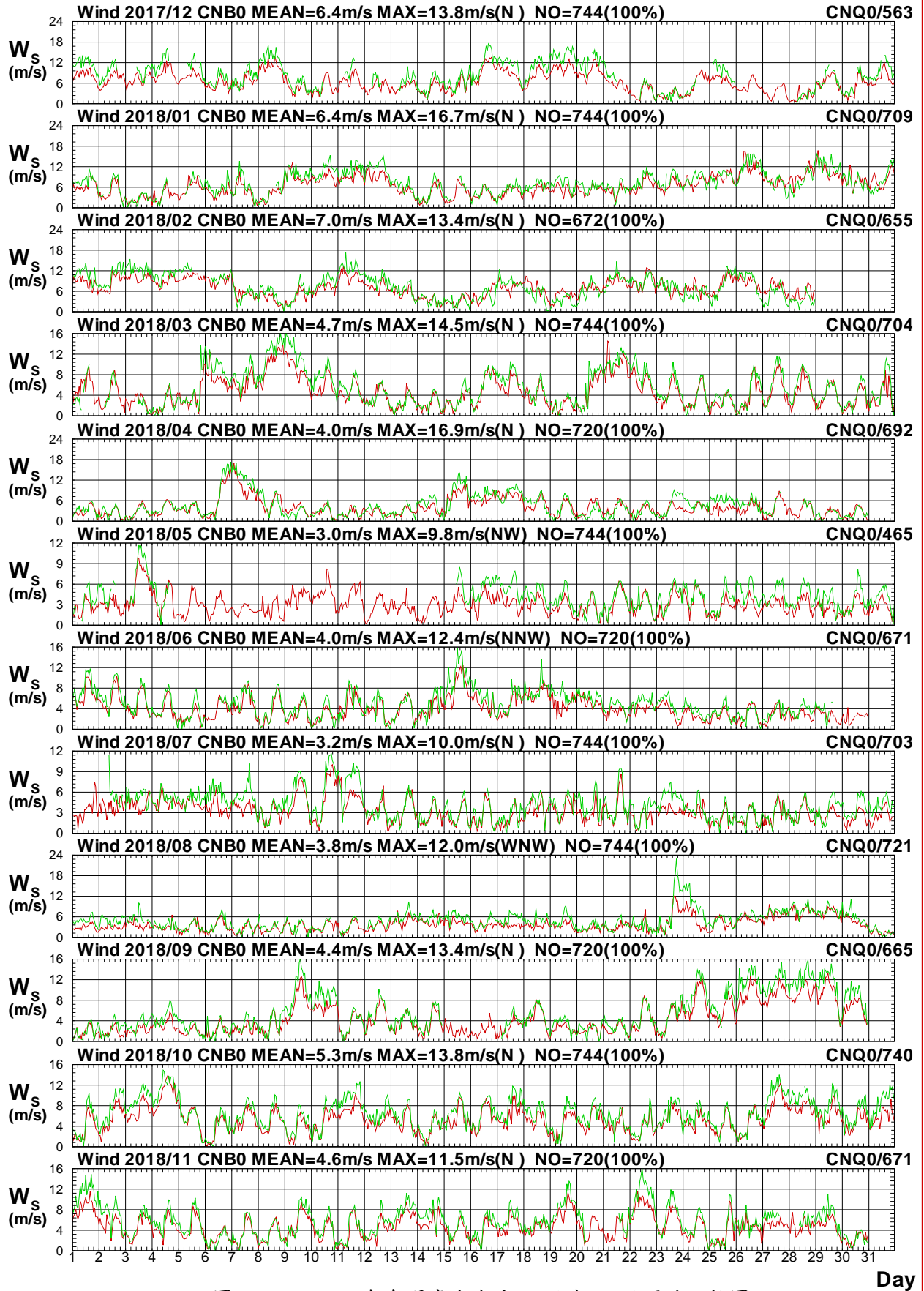


圖1.4.6a 2018年每月嘉南海域 B 站與 Q 站風速比較圖

W17CCNB0.1HA W17CCNQ0.1H0 W181CNB0.1HA W181CNQ0.1H0 W182CNB0.1HA W182CNQ0.1H0
 W183CNB0.1HA W183CNQ0.1H0 W184CNB0.1HA W184CNQ0.1H0 W185CNB0.1HA W185CNQ0.1H0

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Wind Direction in Chia-Nan Seas of CNB0 at 2018

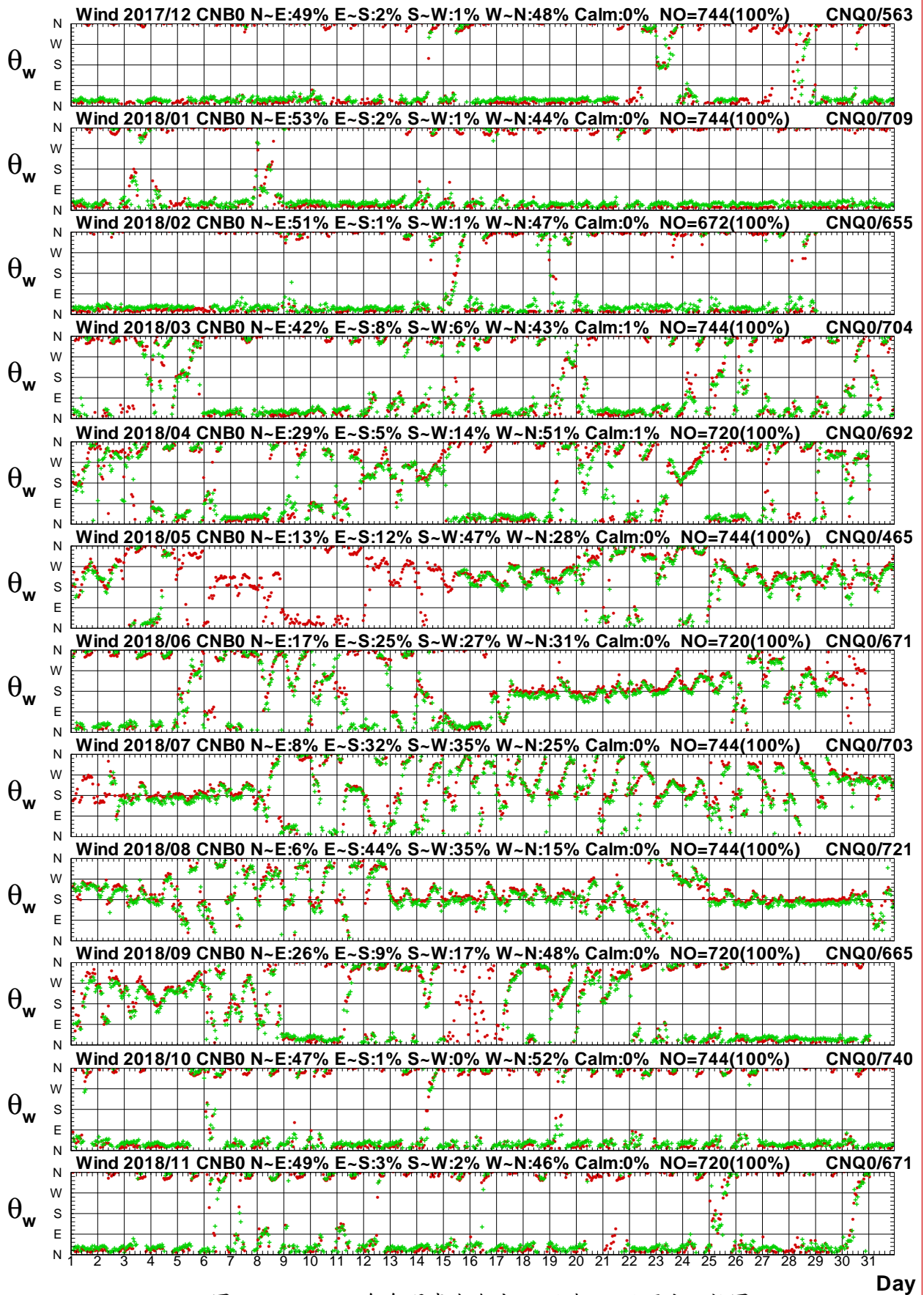


圖1.4.6b 2018年每月嘉南海域 B 站與 Q 站風向比較圖

W17CCNB0.1HA W17CCNQ0.1H0 W181CNB0.1HA W181CNQ0.1H0 W182CNB0.1HA W182CNQ0.1H0
 W183CNB0.1HA W183CNQ0.1H0 W184CNB0.1HA W184CNQ0.1H0 W185CNB0.1HA W185CNQ0.1H0

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Wind Speed in Chia-Nan Seas of CNB0 at 2018

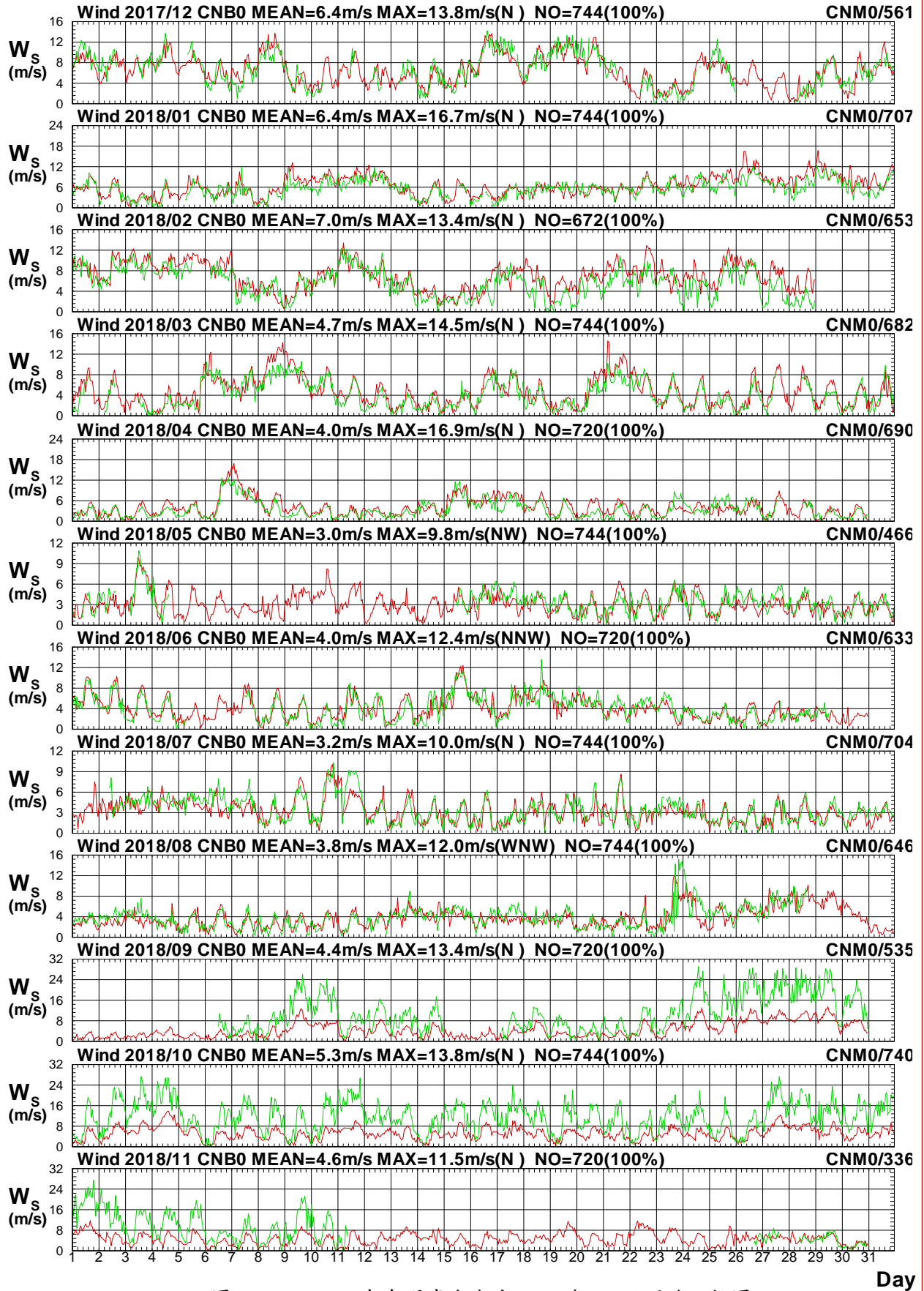


圖1.4.7a 2018年每月嘉南海域 B 站與 M 站風速比較圖

W17CCNB0.1HA W17CCNM0.1H0 W181CNB0.1HA W181CNM0.1H0 W182CNB0.1HA W182CNM0.1H0
 W183CNB0.1HA W183CNM0.1H0 W184CNB0.1HA W184CNM0.1H0 W185CNB0.1HA W185CNM0.1H0

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Wind Direction in Chia-Nan Seas of CNB0 at 2018

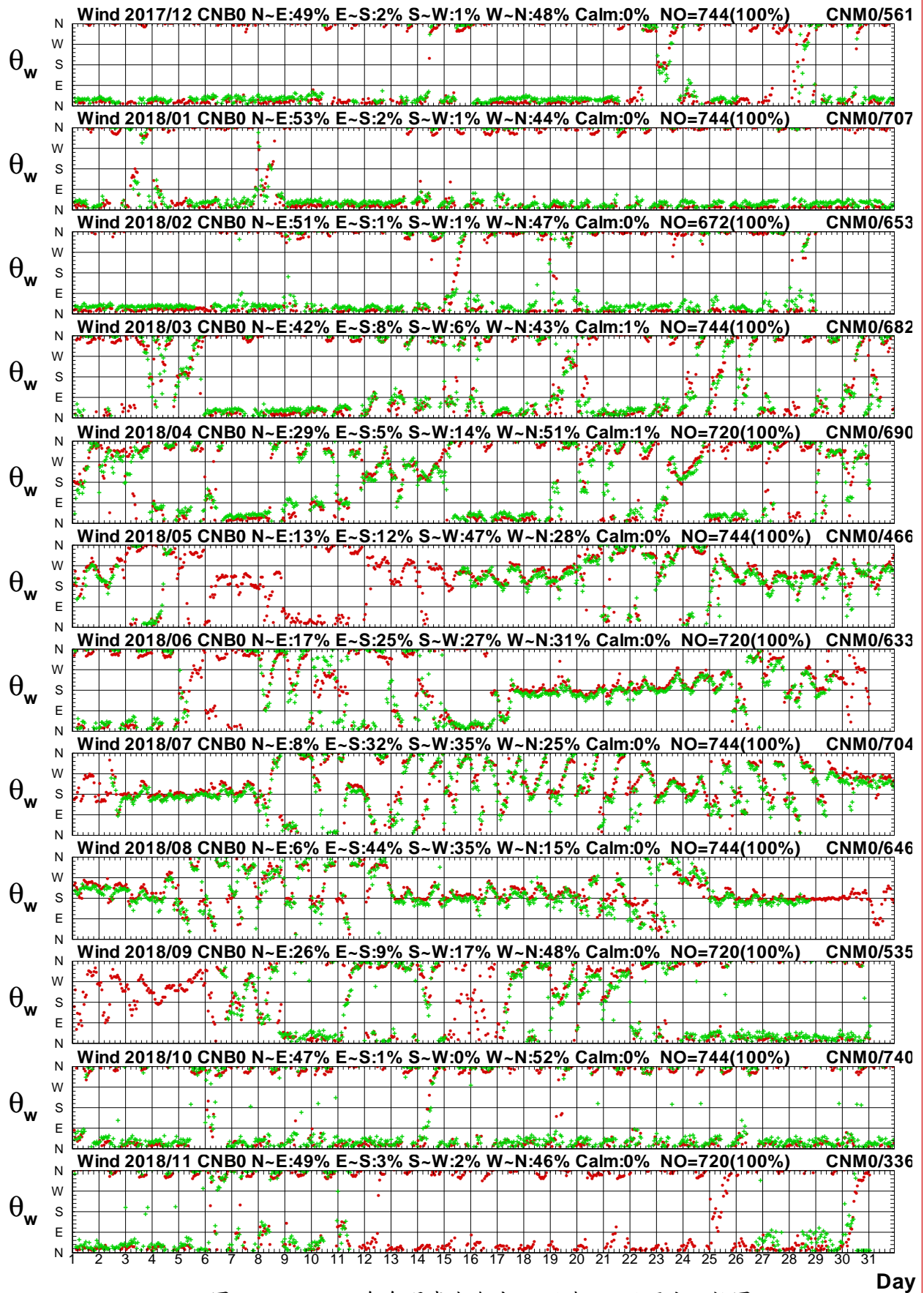


圖1.4.7b 2018年每月嘉南海域 B 站與 M 站風向比較圖

W17CCNB0.1HA W17CCNM0.1H0 W181CNB0.1HA W181CNM0.1H0 W182CNB0.1HA W182CNM0.1H0
 W183CNB0.1HA W183CNM0.1H0 W184CNB0.1HA W184CNM0.1H0 W185CNB0.1HA W185CNM0.1H0

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Wind Speed in Chia-Nan Seas of CNB0 at 2018

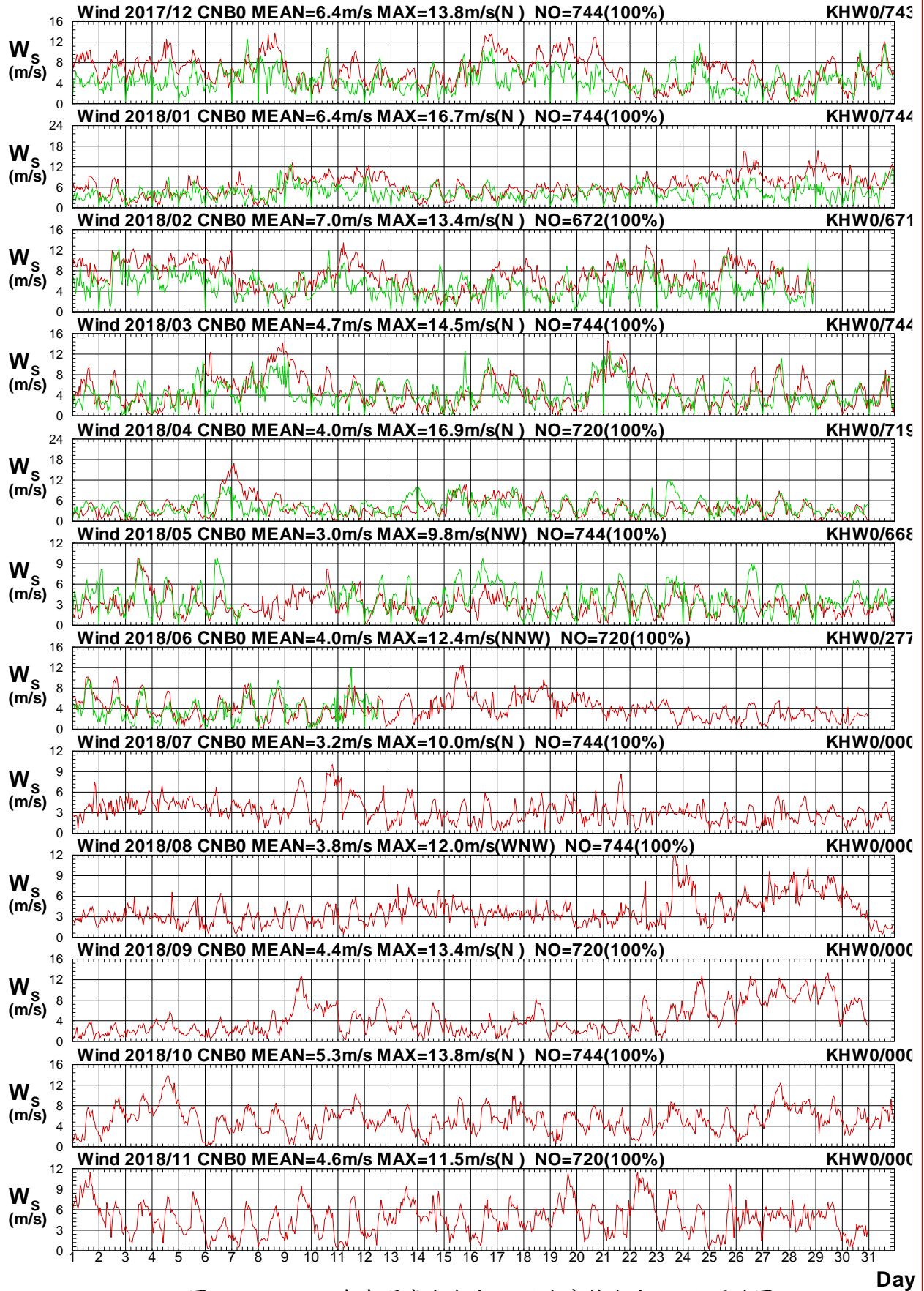


圖1.4.8a 2018年每月嘉南海域 B 站與高雄海域 W 站風速圖

W17CCNB0.1HA W17CKHW0.1H0 W181CNB0.1HA W181KHW0.1H0 W182CNB0.1HA W182KHW0.1H0
 W183CNB0.1HA W183KHW0.1H0 W184CNB0.1HA W184KHW0.1H0 W185CNB0.1HA W185KHW0.1H0

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Wind Direction in Chia-Nan Seas of CNB0 at 2018

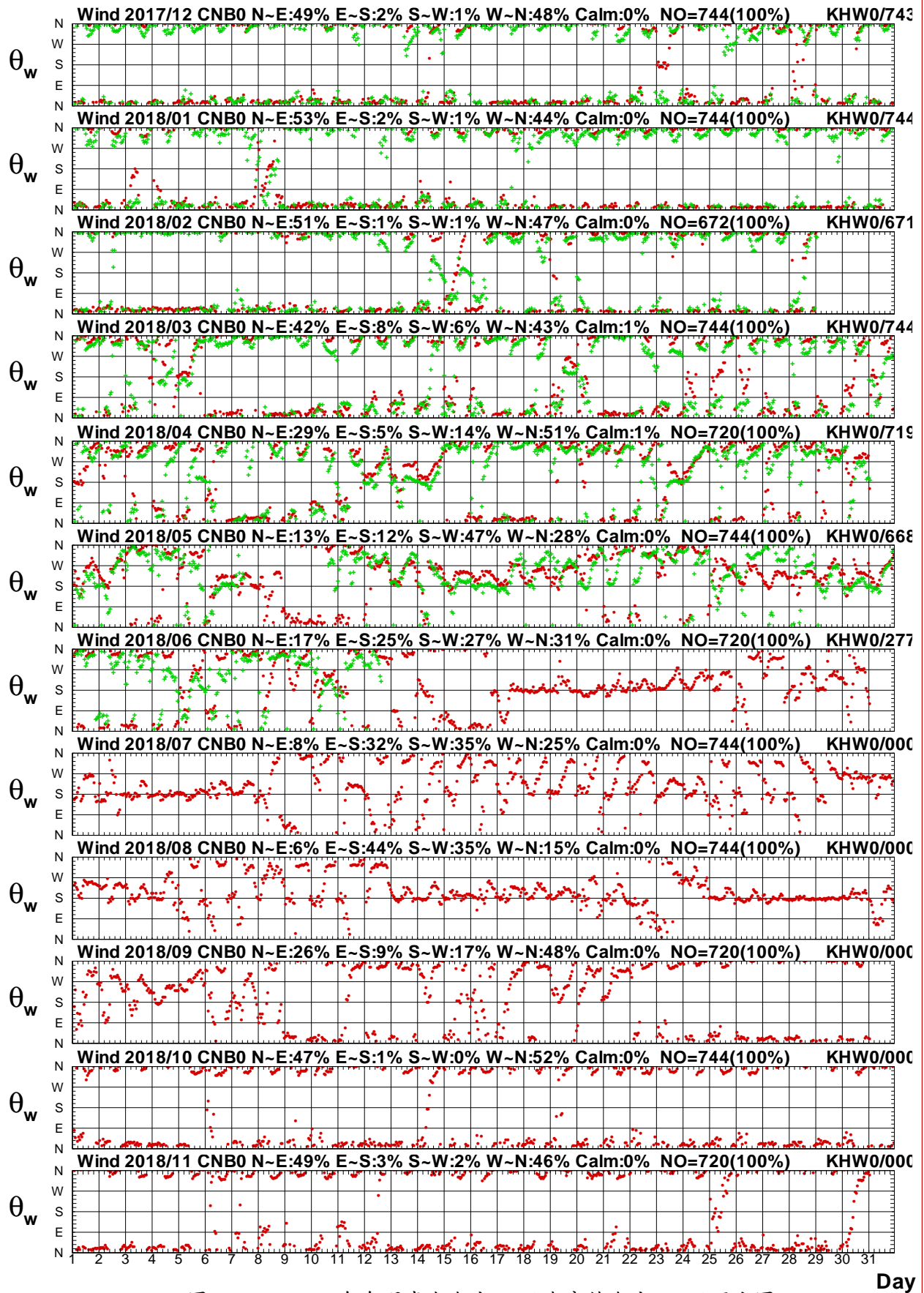


圖1.4.8b 2018年每月嘉南海域 B 站與高雄海域 W 站風向圖

W17CCNB0.1HA W17CKHW0.1H0 W181CNB0.1HA W181KHW0.1H0 W182CNB0.1HA W182KHW0.1H0
 W183CNB0.1HA W183KHW0.1H0 W184CNB0.1HA W184KHW0.1H0 W185CNB0.1HA W185KHW0.1H0

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Wind Speed in Chia-Nan Seas of CNB0 at 2018

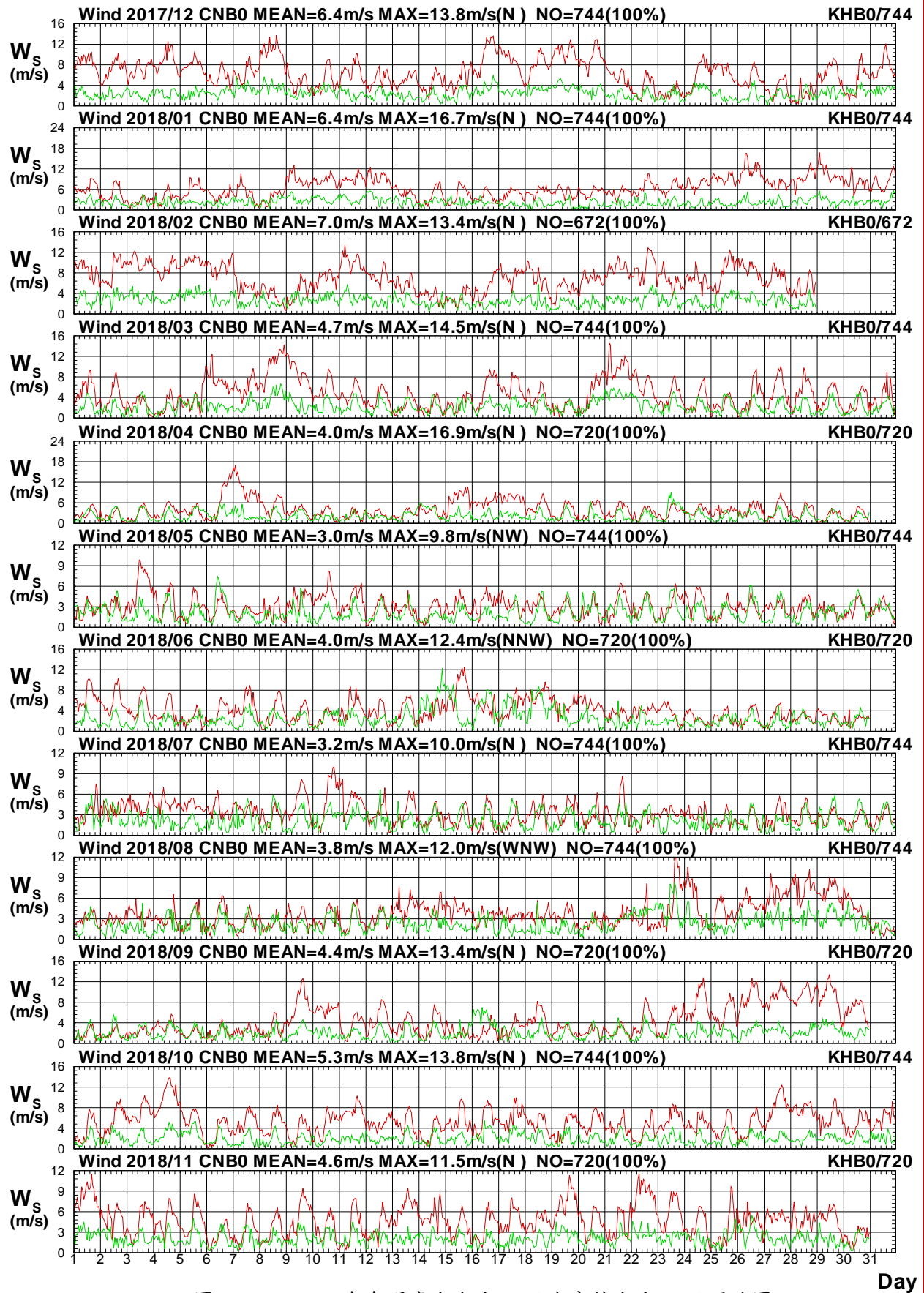


圖1.4.9a 2018年每月嘉南海域 B 站與高雄海域 B 站風速圖

W17CCNB0.1HA W17CKHB0.1HO W181CNB0.1HA W181KHB0.1HO W182CNB0.1HA W182KHB0.1HO
W183CNB0.1HA W183KHB0.1HO W184CNB0.1HA W184KHB0.1HO W185CNB0.1HA W185KHB0.1HO

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Wind Direction in Chia-Nan Seas of CNB0 at 2018

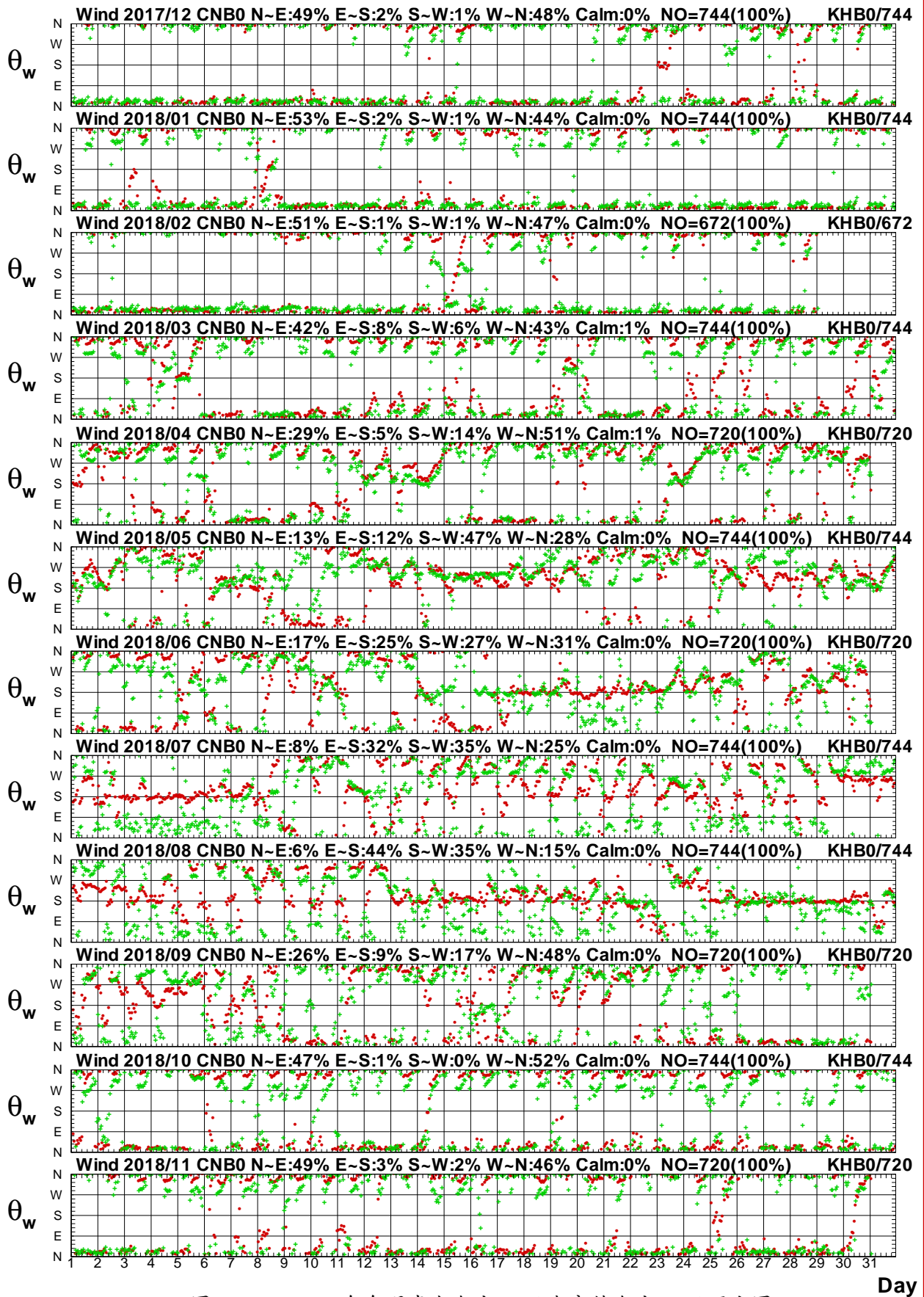


圖1.4.9b 2018年每月嘉南海域 B 站與高雄海域 B 站風向圖

W17CCNB0.1HA W17CKHB0.1HO W181CNB0.1HA W181KHB0.1HO W182CNB0.1HA W182KHB0.1HO
 W183CNB0.1HA W183KHB0.1HO W184CNB0.1HA W184KHB0.1HO W185CNB0.1HA W185KHB0.1HO

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Wind Speed in Chia-Nan Seas of CNB0 at 2018

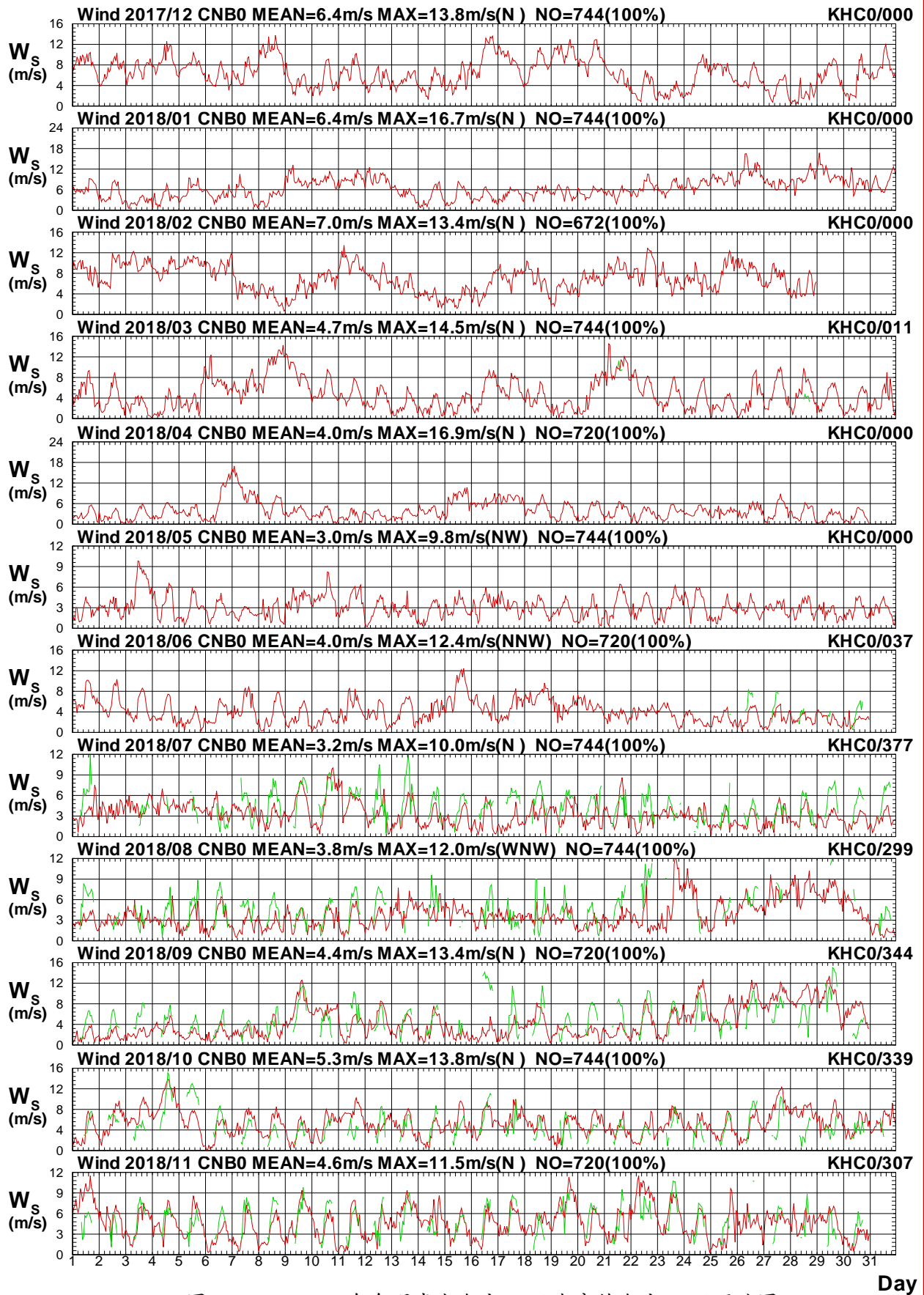


圖1.4.10a 2018年每月嘉南海域 B 站與高雄海域 C 站風速圖

W17CCNB0.1HA W17CKHC0.1H0 W181CNB0.1HA W181KHC0.1H0 W182CNB0.1HA W182KHC0.1H0
 W183CNB0.1HA W183KHC0.1H0 W184CNB0.1HA W184KHC0.1H0 W185CNB0.1HA W185KHC0.1H0

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Wind Direction in Chia-Nan Seas of CNB0 at 2018

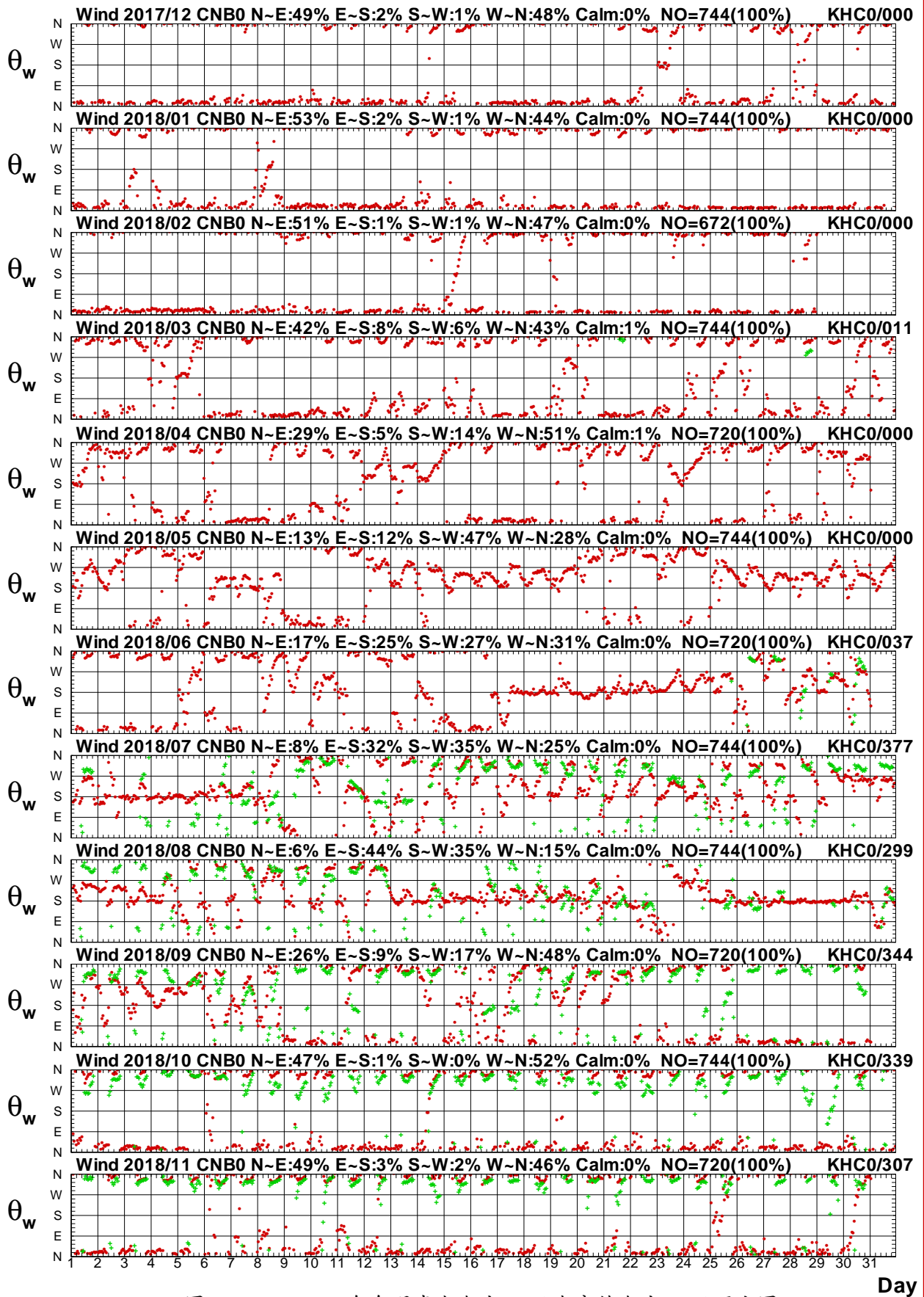


圖1.4.10b 2018年每月嘉南海域 B 站與高雄海域 C 站風向圖

W17CCNB0.1HA W17CKHC0.1H0 W181CNB0.1HA W181KHC0.1H0 W182CNB0.1HA W182KHC0.1H0
 W183CNB0.1HA W183KHC0.1H0 W184CNB0.1HA W184KHC0.1H0 W185CNB0.1HA W185KHC0.1H0

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Wind Speed in Chia-Nan Seas of CNB0 at 2018

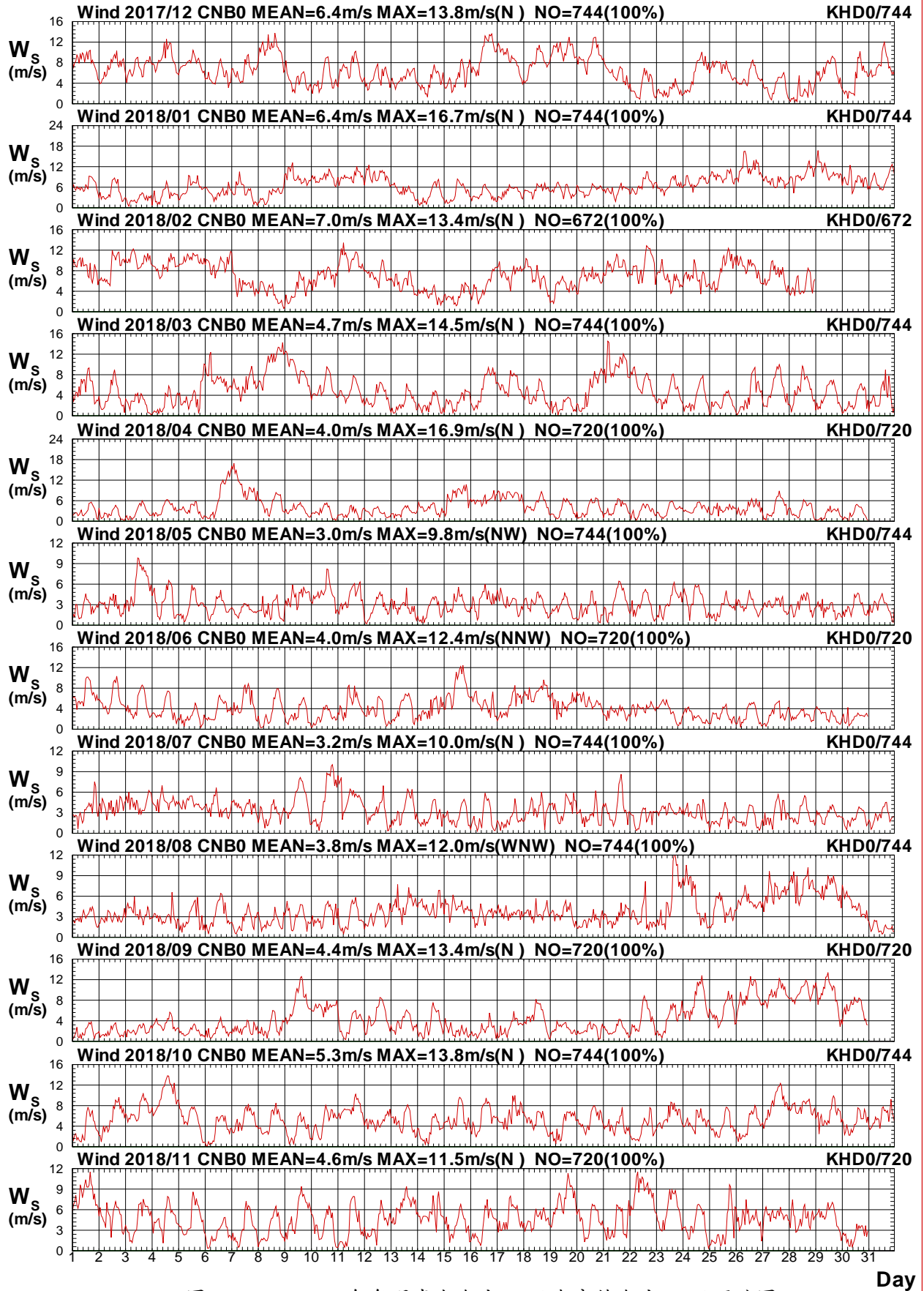


圖1.4.11a 2018年每月嘉南海域 B 站與高雄海域 D 站風速圖

W17CCNB0.1HA W17CKHD0.1H0 W181CNB0.1HA W181KHD0.1H0 W182CNB0.1HA W182KHD0.1H0
 W183CNB0.1HA W183KHD0.1H0 W184CNB0.1HA W184KHD0.1H0 W185CNB0.1HA W185KHD0.1H0

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Wind Direction in Chia-Nan Seas of CNB0 at 2018

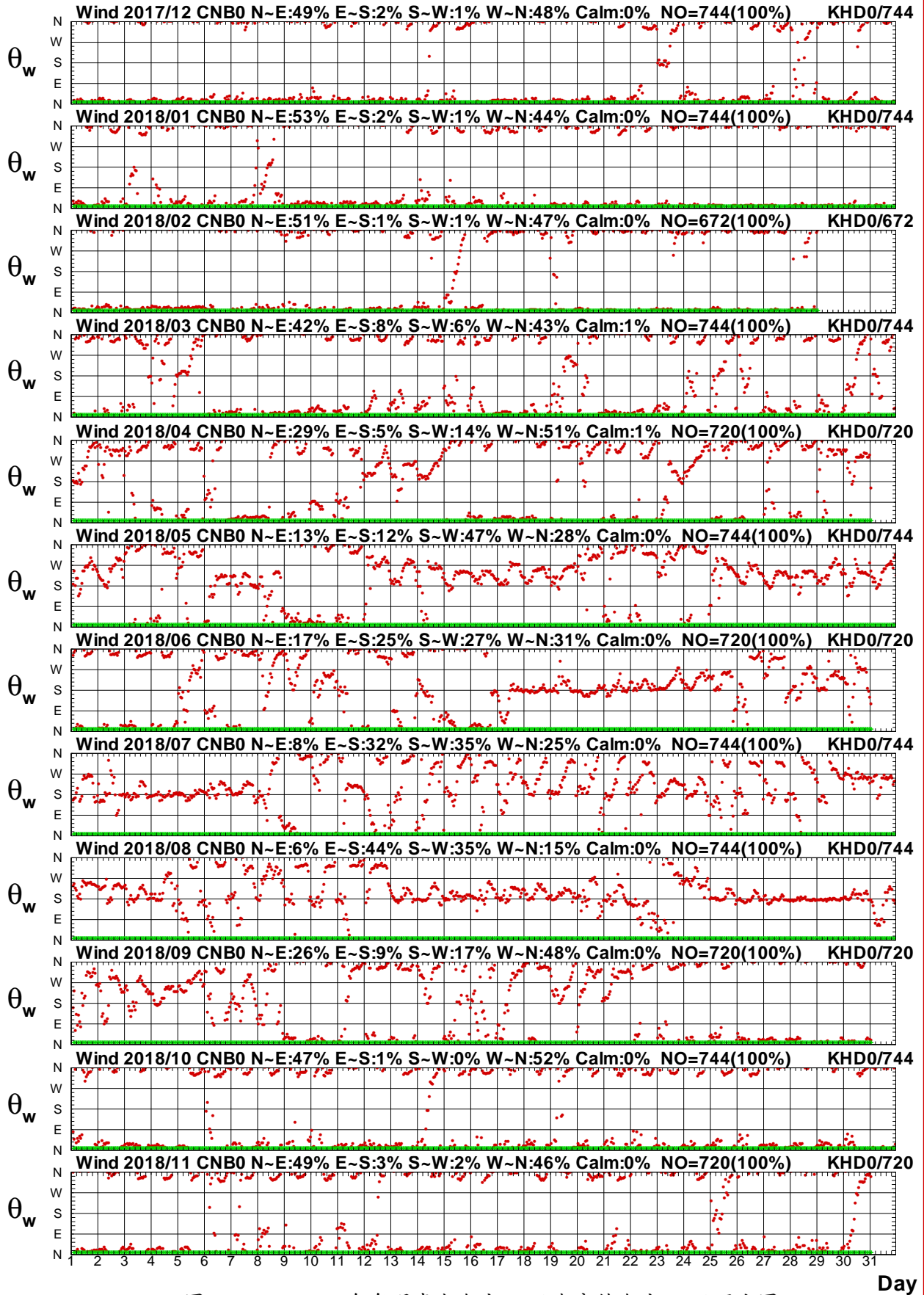


圖1.4.11b 2018年每月嘉南海域 B 站與高雄海域 D 站風向圖

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 W183CNB0.1HA W183KHD0.1H0 W184CNB0.1HA W184KHD0.1H0 W185CNB0.1HA W185KHD0.1H0

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Wind Speed in Chia-Nan Seas of CNB0 at 2018

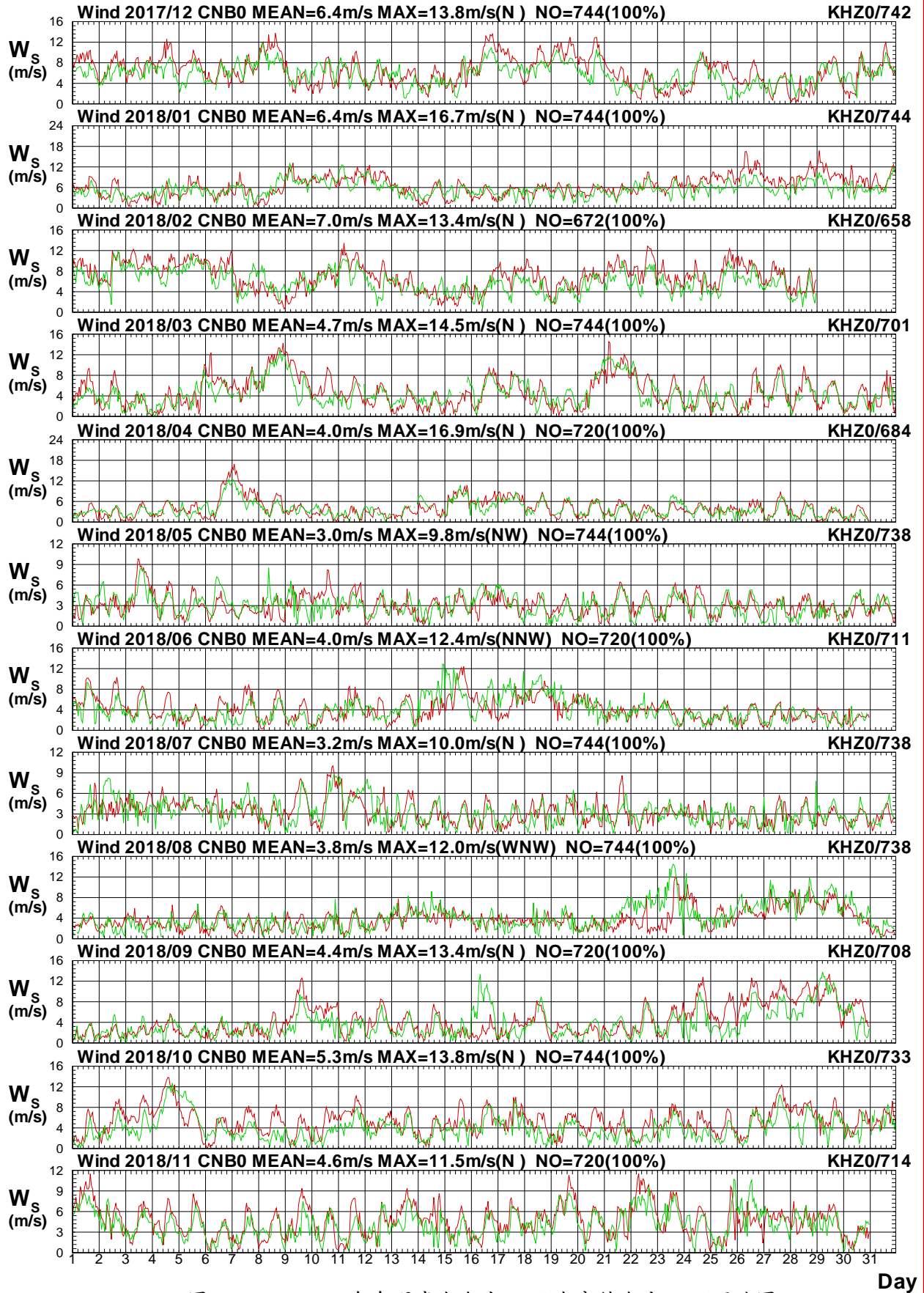


圖1.4.12a 2018年每月嘉南海域 B 站與高雄海域 Z 站風速圖

W17CCNB0.1HA W17CKHZ0.1H0 W181CNB0.1HA W181KHZ0.1H0 W182CNB0.1HA W182KHZ0.1H0
 W183CNB0.1HA W183KHZ0.1H0 W184CNB0.1HA W184KHZ0.1H0 W185CNB0.1HA W185KHZ0.1H0

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Wind Direction in Chia-Nan Seas of CNB0 at 2018

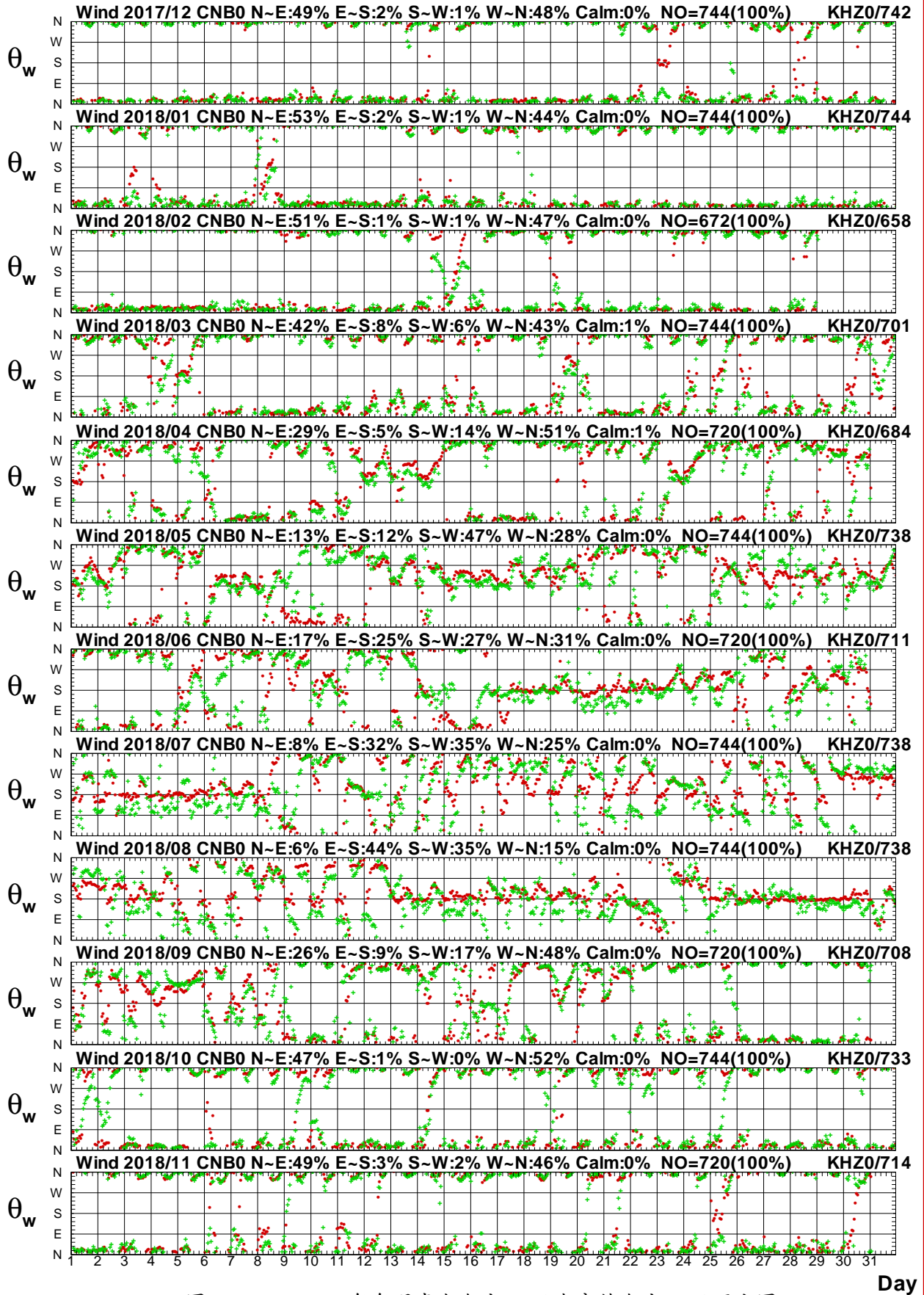


圖1.4.12b 2018年每月嘉南海域 B 站與高雄海域 Z 站風向圖

W17CCNB0.1HA W17CKHZ0.1HO W181CNB0.1HA W181KHZ0.1HO W182CNB0.1HA W182KHZ0.1HO
 W183CNB0.1HA W183KHZ0.1HO W184CNB0.1HA W184KHZ0.1HO W185CNB0.1HA W185KHZ0.1HO

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Wind Speed in Chia-Nan Seas of CNB0 at 2018

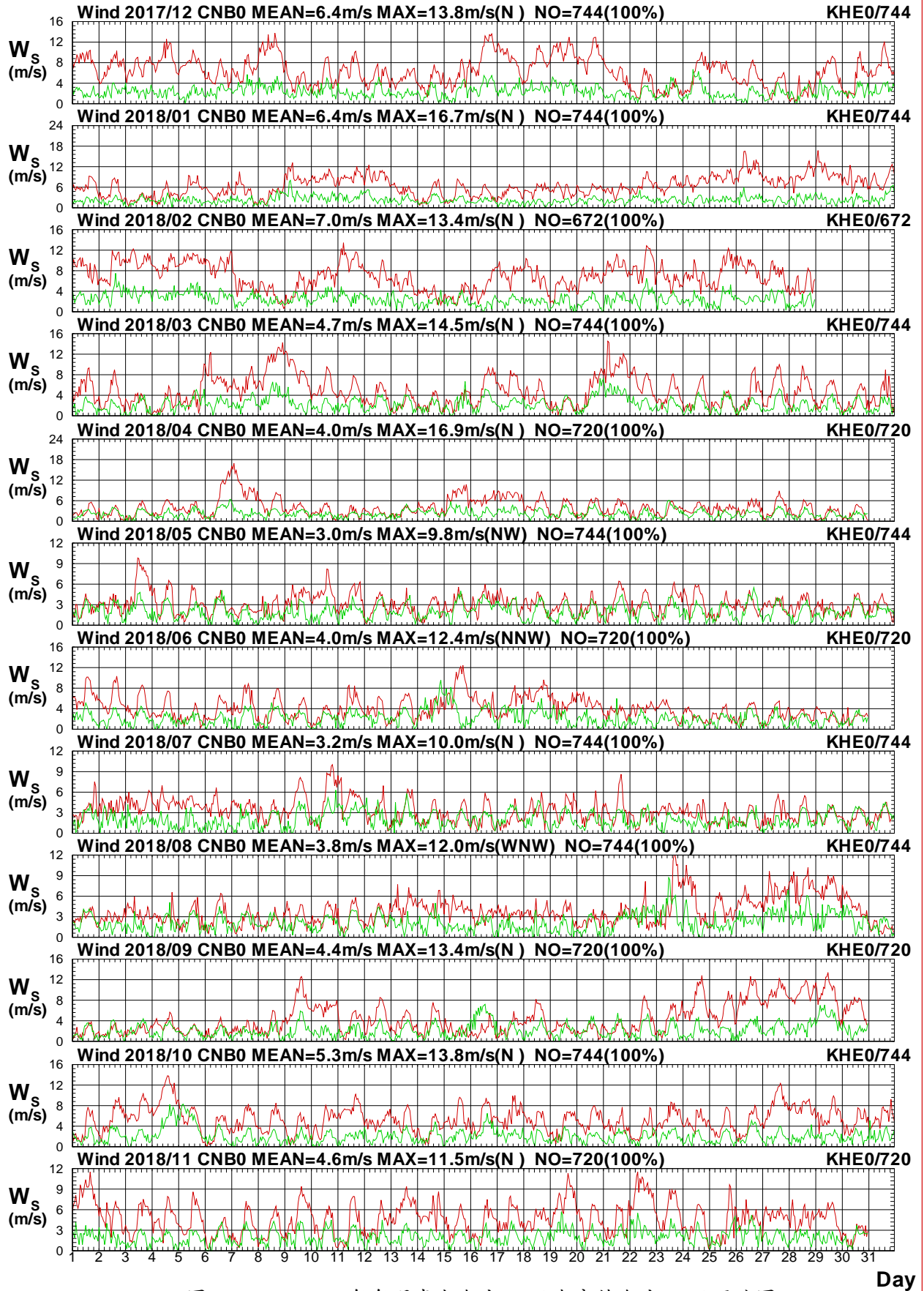


圖1.4.13a 2018年每月嘉南海域 B 站與高雄海域 E 站風速圖

W17CCNB0.1HA W17CKHE0.1H0 W181CNB0.1HA W181KHE0.1H0 W182CNB0.1HA W182KHE0.1H0
 W183CNB0.1HA W183KHE0.1H0 W184CNB0.1HA W184KHE0.1H0 W185CNB0.1HA W185KHE0.1H0

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Wind Direction in Chia-Nan Seas of CNB0 at 2018

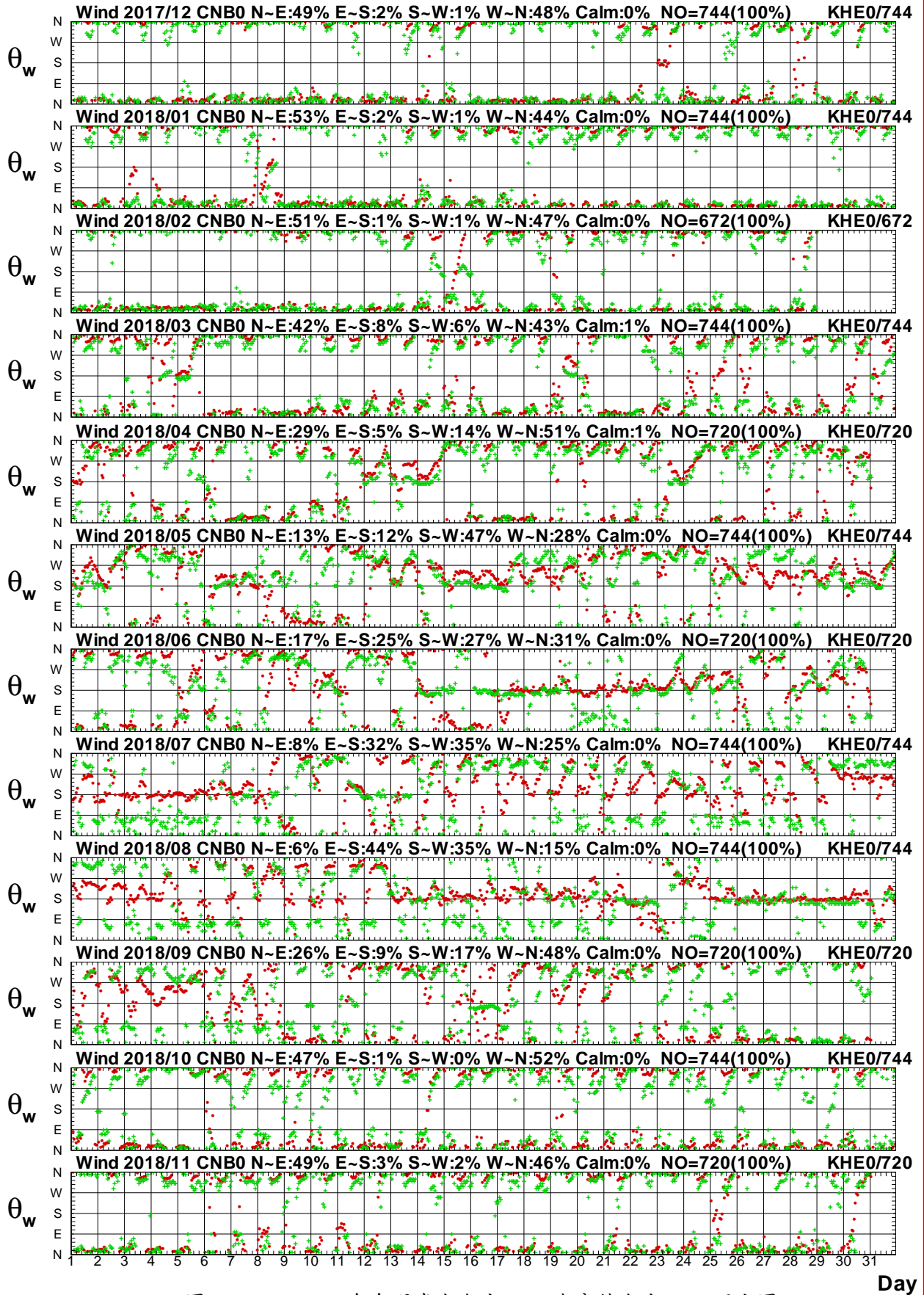


圖1.4.13b 2018年每月嘉南海域 B 站與高雄海域 E 站風向圖

W17CCNB0.1HA W17CKHE0.1HO W181CNB0.1HA W181KHE0.1HO W182CNB0.1HA W182KHE0.1HO
W183CNB0.1HA W183KHE0.1HO W184CNB0.1HA W184KHE0.1HO W185CNB0.1HA W185KHE0.1HO

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Wind Speed in Chia-Nan Seas of CNB0 at 2018

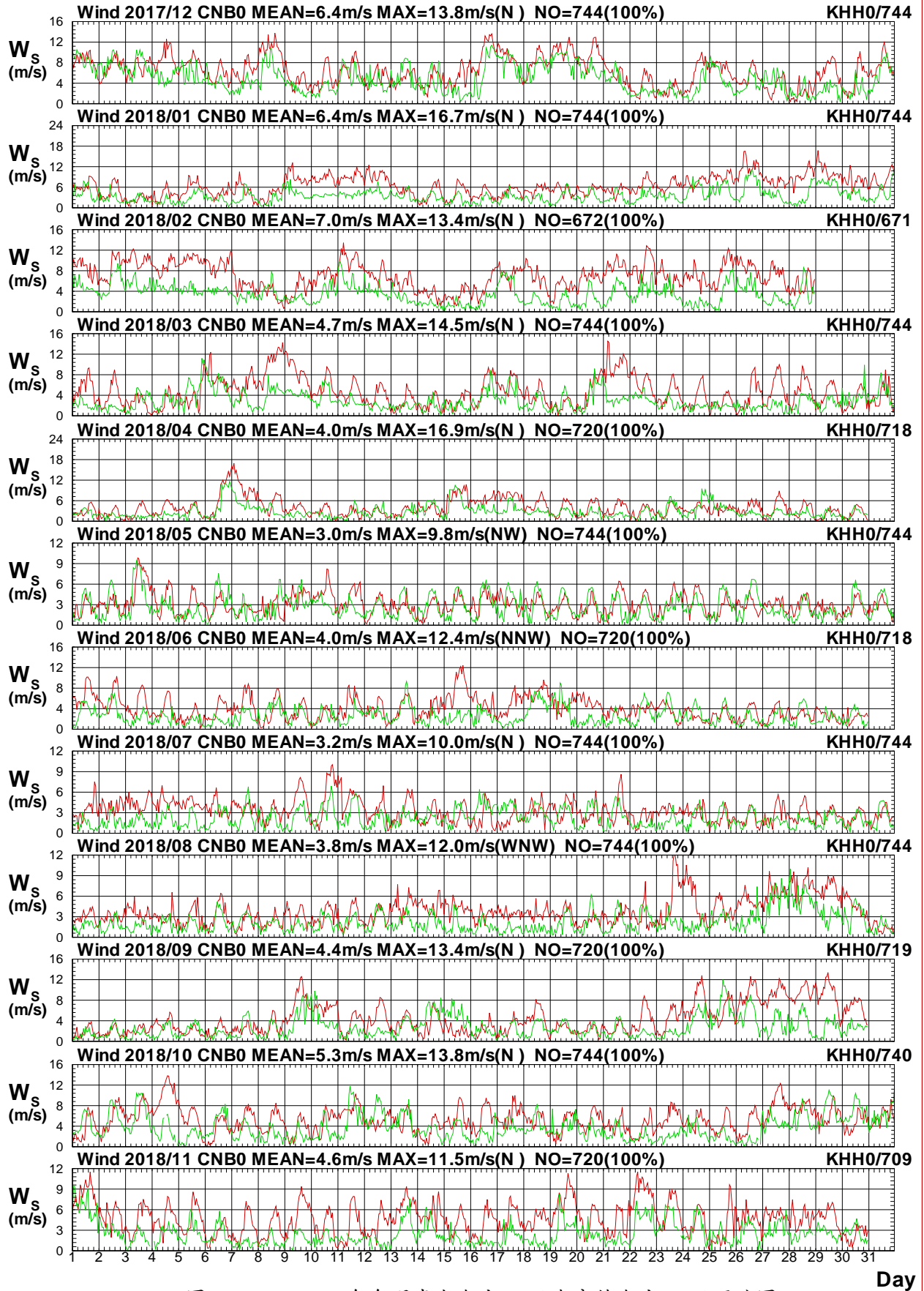


圖1.4.14a 2018年每月嘉南海域 B 站與高雄海域 H 站風速圖

W17CCNB0.1HA W17CKHH0.1H0 W181CNB0.1HA W181KHH0.1H0 W182CNB0.1HA W182KHH0.1H0
 W183CNB0.1HA W183KHH0.1H0 W184CNB0.1HA W184KHH0.1H0 W185CNB0.1HA W185KHH0.1H0

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Wind Direction in Chia-Nan Seas of CNB0 at 2018

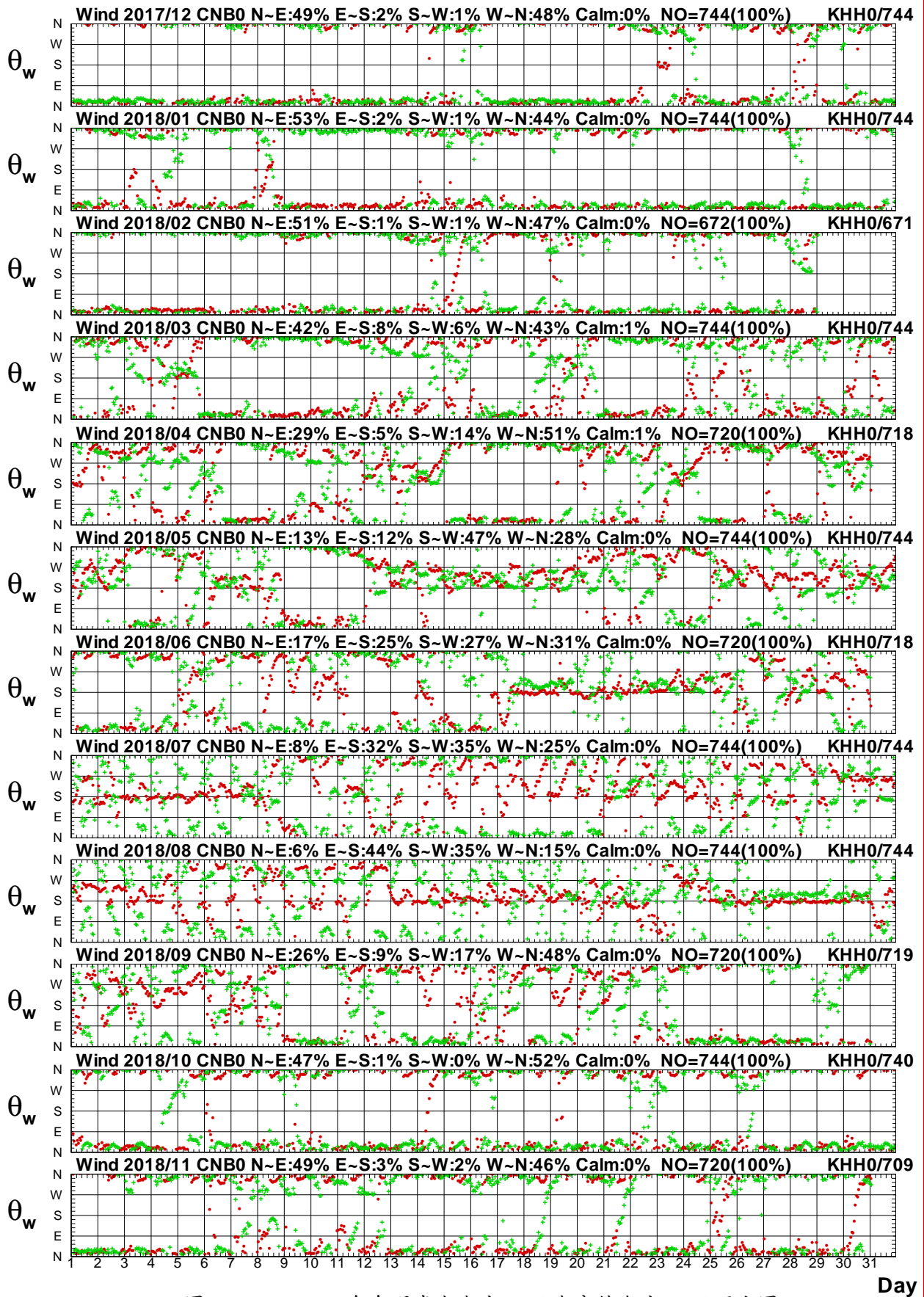


圖1.4.14b 2018年每月嘉南海域 B 站與高雄海域 H 站風向圖

W17CCNB0.1HA W17CKHH0.1H0 W181CNB0.1HA W181KHH0.1H0 W182CNB0.1HA W182KHH0.1H0
 W183CNB0.1HA W183KHH0.1H0 W184CNB0.1HA W184KHH0.1H0 W185CNB0.1HA W185KHH0.1H0

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Wind Speed in Chia-Nan Seas of CNB0 at 2018

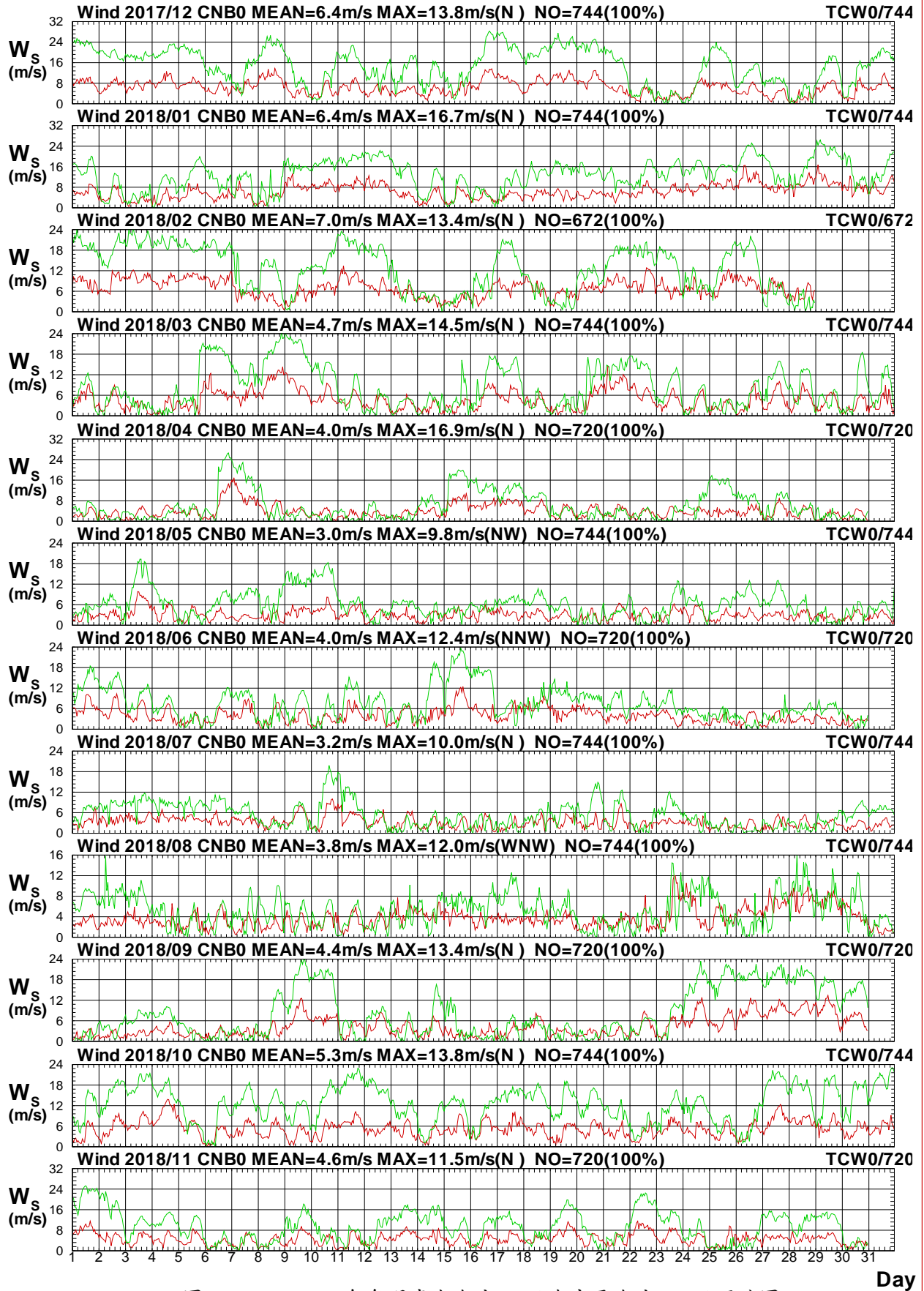


圖 1.4.15a 2018年每月嘉南海域 B 站與中雲海域 W 站風速圖

W17CCNB0.1HA W17CTCW0.1H0 W181CNB0.1HA W181TCW0.1H0 W182CNB0.1HA W182TCW0.1H0
 W183CNB0.1HA W183TCW0.1H0 W184CNB0.1HA W184TCW0.1H0 W185CNB0.1HA W185TCW0.1H0

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Wind Direction in Chia-Nan Seas of CNB0 at 2018

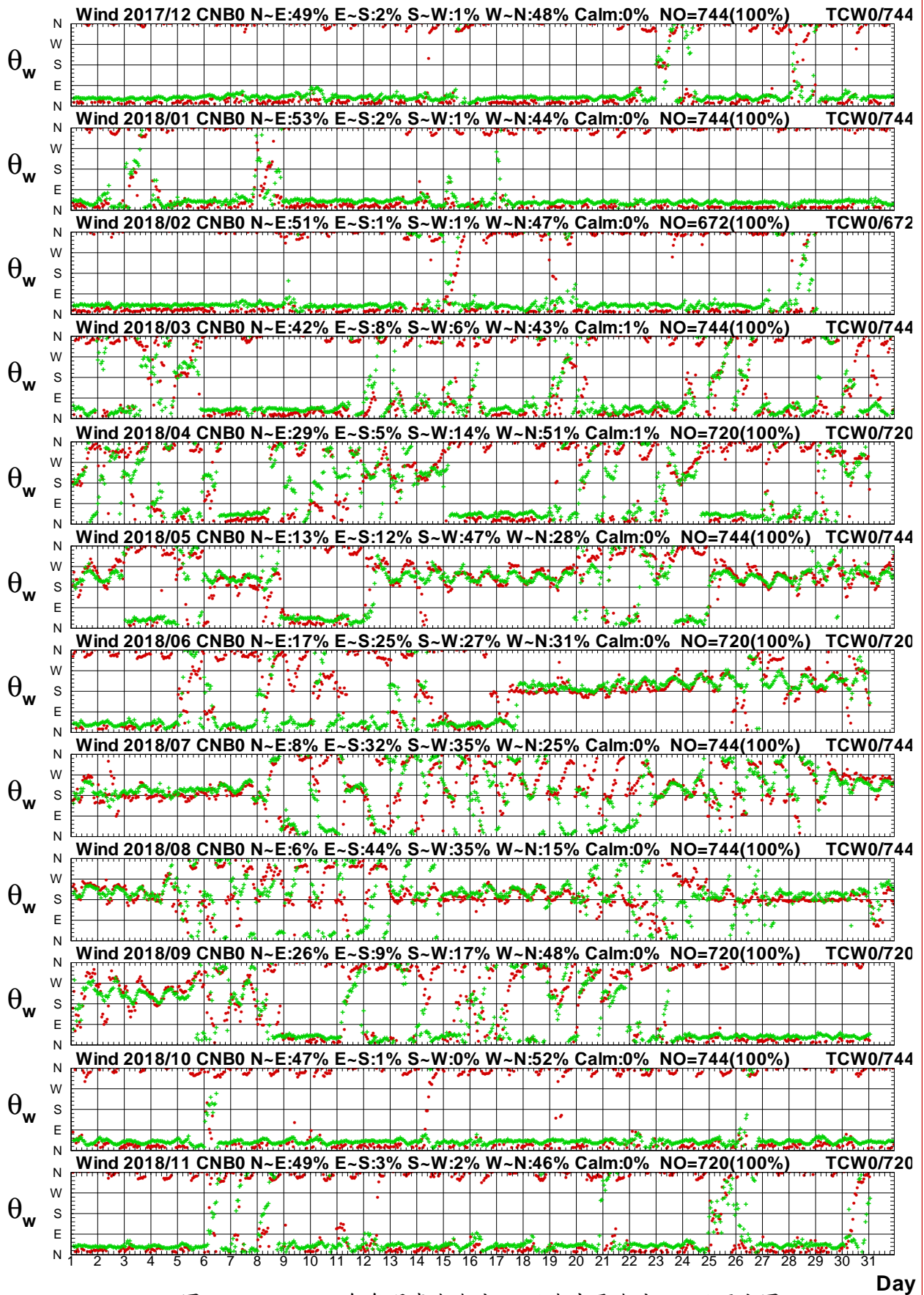


圖 1.4.15b 2018年每月嘉南海域 B 站與中雲海域 W 站風向圖

W17CCNB0.1HA W17CTCW0.1H0 W181CNB0.1HA W181TCW0.1H0 W182CNB0.1HA W182TCW0.1H0
 W183CNB0.1HA W183TCW0.1H0 W184CNB0.1HA W184TCW0.1H0 W185CNB0.1HA W185TCW0.1H0

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Wind Speed in Chia-Nan Seas of CNB0 at 2018

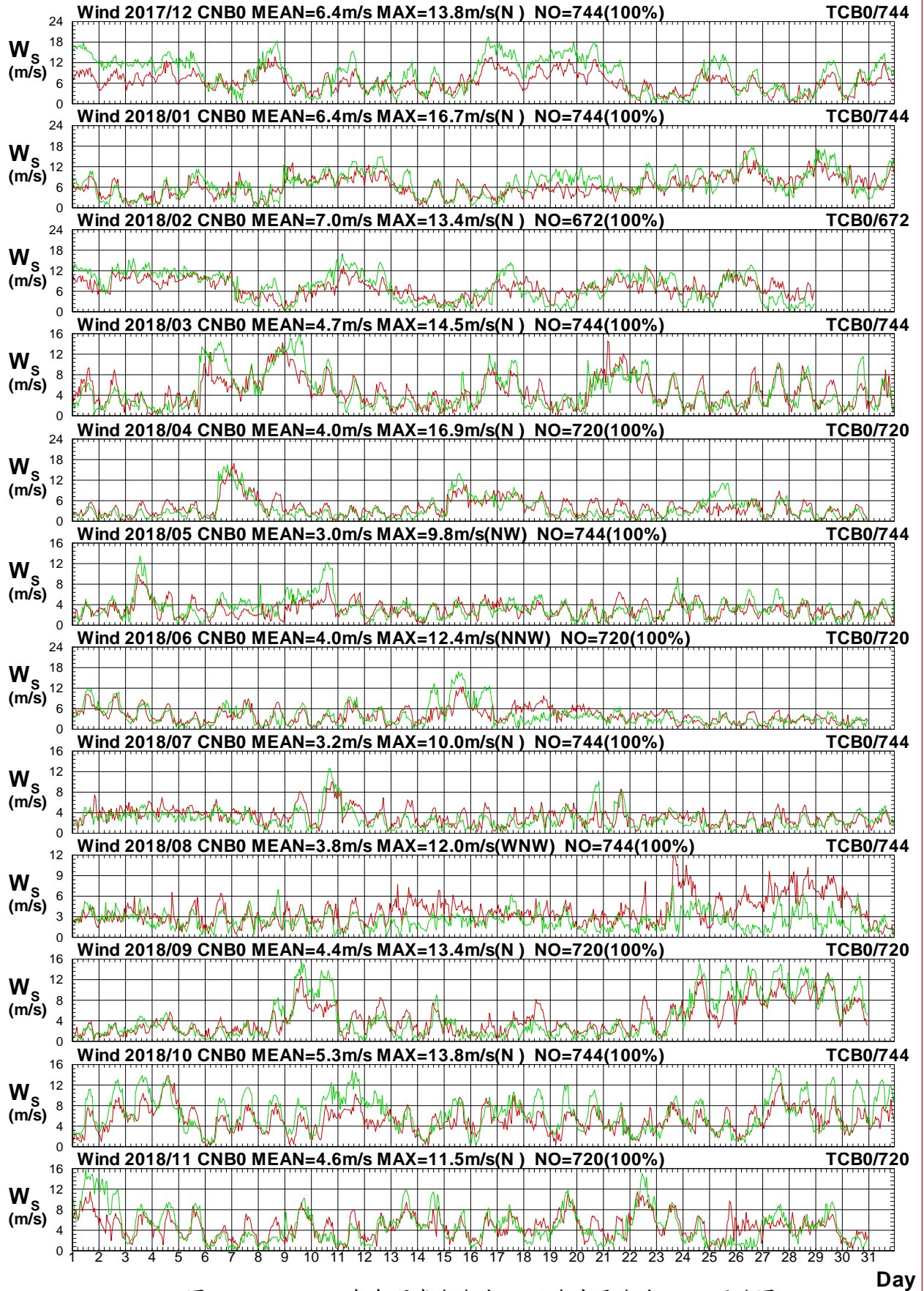


圖1.4.16a 2018年每月嘉南海域 B 站與中雲海域 B 站風速圖

W17CCNB0.1HA W17CTCB0.1HO W181CNB0.1HA W181TCB0.1HO W182CNB0.1HA W182TCB0.1HO
 W183CNB0.1HA W183TCB0.1HO W184CNB0.1HA W184TCB0.1HO W185CNB0.1HA W185TCB0.1HO

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Wind Direction in Chia-Nan Seas of CNB0 at 2018

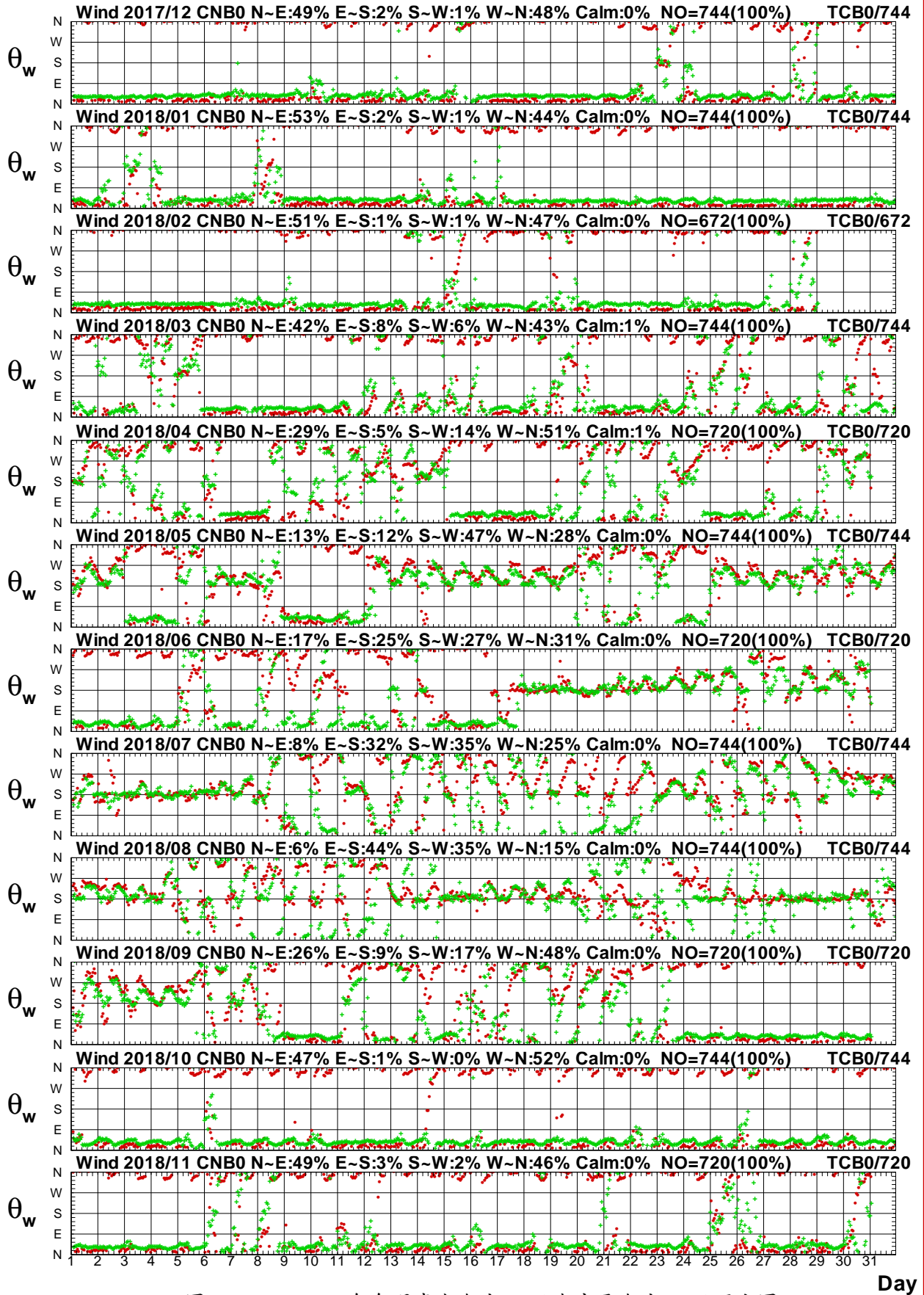


圖1.4.16b 2018年每月嘉南海域 B 站與中雲海域 B 站風向圖

W17CCNB0.1HA W17CTCB0.1H0 W181CNB0.1HA W181TCB0.1H0 W182CNB0.1HA W182TCB0.1H0
 W183CNB0.1HA W183TCB0.1H0 W184CNB0.1HA W184TCB0.1H0 W185CNB0.1HA W185TCB0.1H0

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Wind Speed in Chia-Nan Seas of CNB0 at 2018

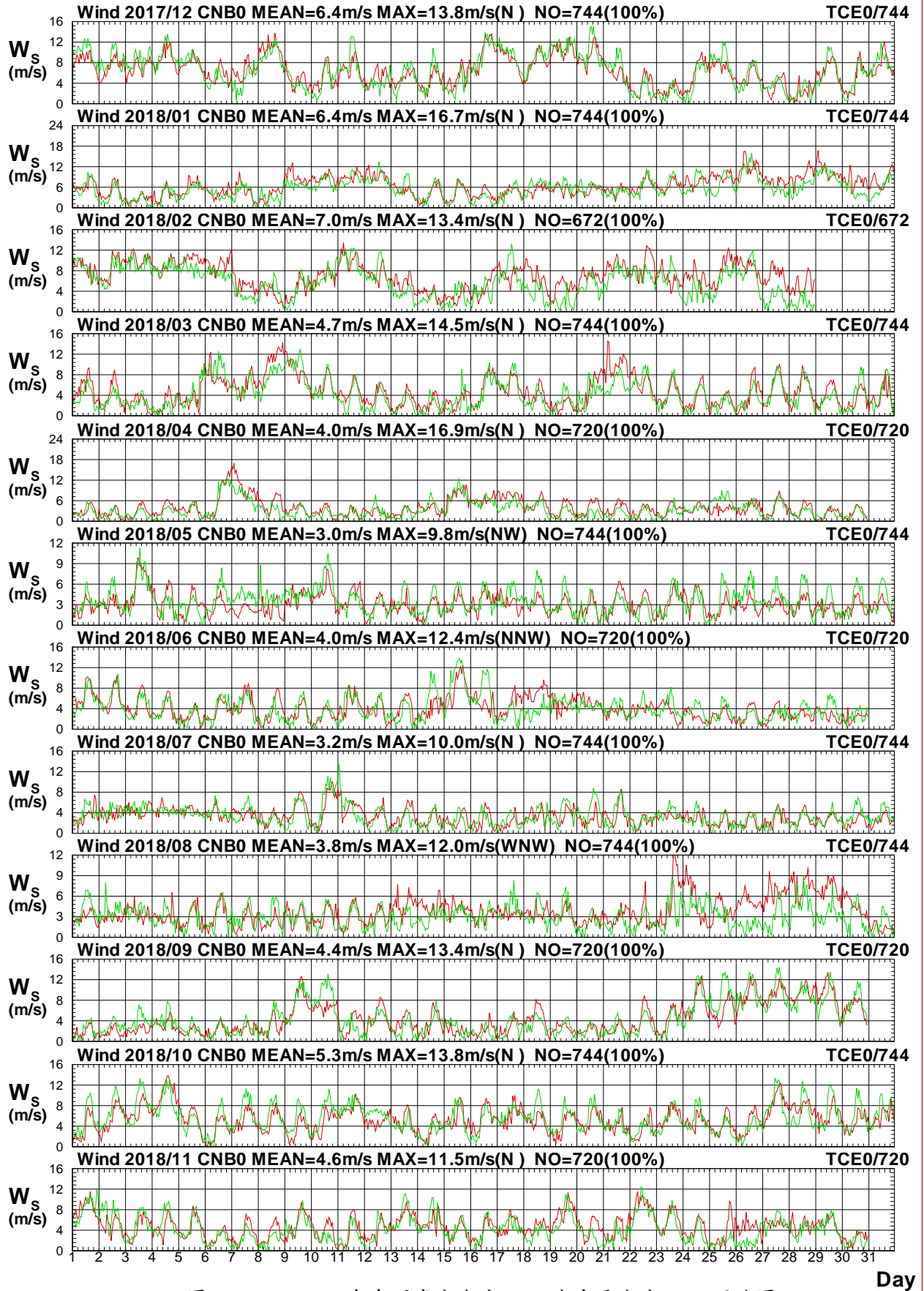


圖1.4.17a 2018年每月嘉南海域 B 站與中雲海域 E 站風速圖

W17CCNB0.1HA W17CTCE0.1HO W181CNB0.1HA W181TCE0.1HO W182CNB0.1HA W182TCE0.1HO
 W183CNB0.1HA W183TCE0.1HO W184CNB0.1HA W184TCE0.1HO W185CNB0.1HA W185TCE0.1HO

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Wind Direction in Chia-Nan Seas of CNB0 at 2018

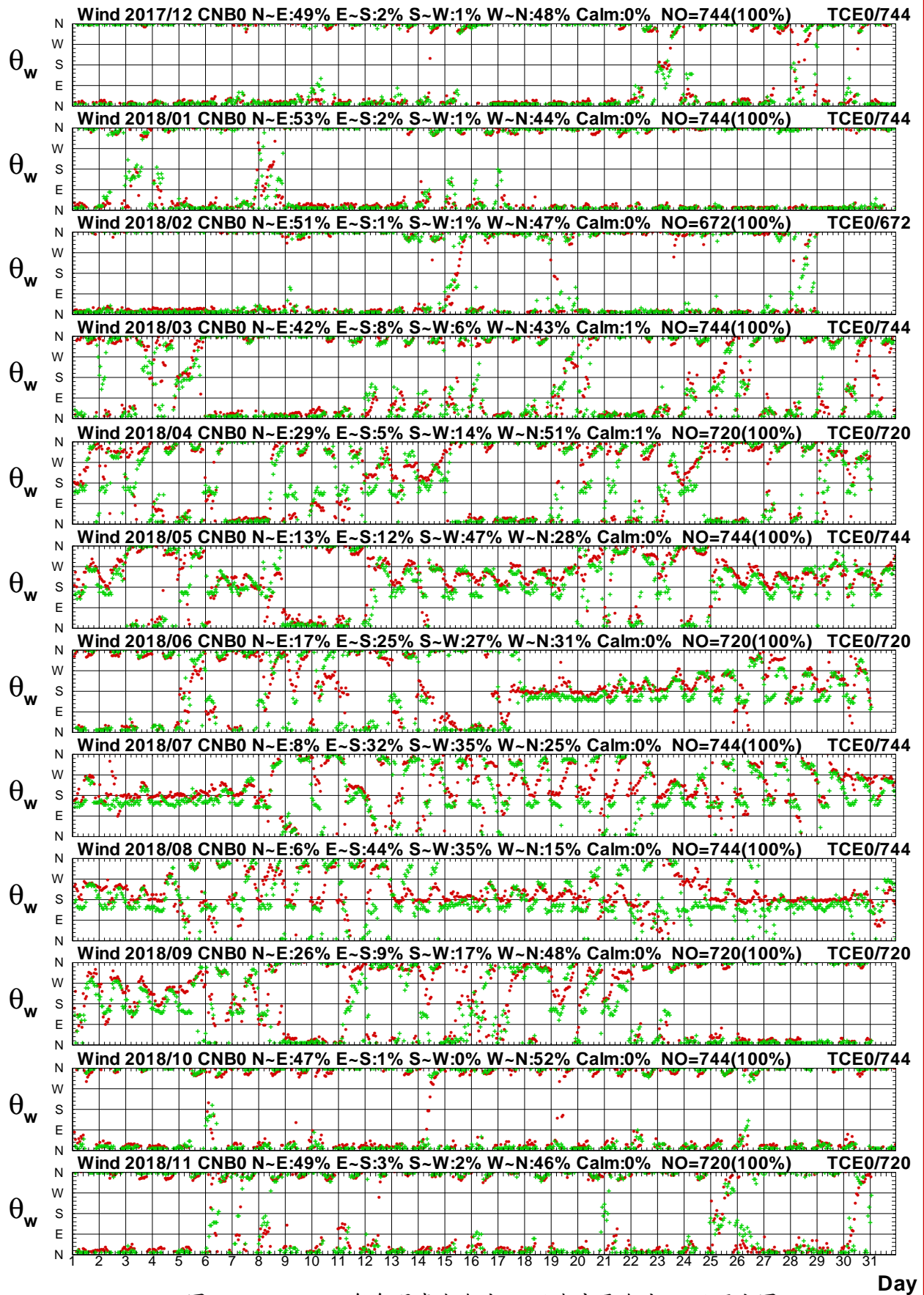


圖1.4.17b 2018年每月嘉南海域 B 站與中雲海域 E 站風向圖

W17CCNB0.1HA W17CTCE0.1HO W181CNB0.1HA W181TCE0.1HO W182CNB0.1HA W182TCE0.1HO
W183CNB0.1HA W183TCE0.1HO W184CNB0.1HA W184TCE0.1HO W185CNB0.1HA W185TCE0.1HO

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Wind Speed in Chia-Nan Seas of CNB0 at 2018

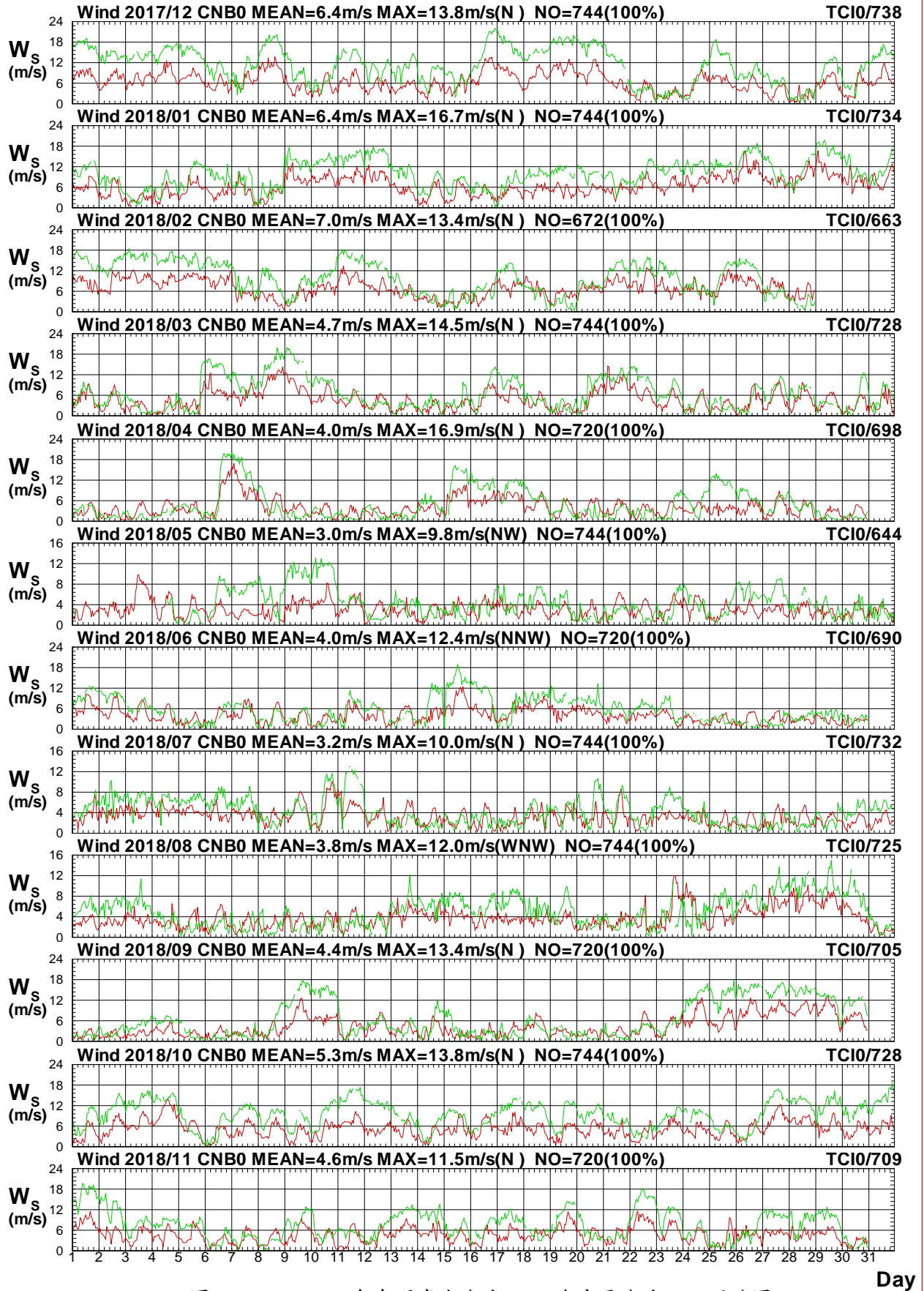


圖1.4.18a 2018年每月嘉南海域 B 站與中雲海域 I 站風速圖

W17CCNB0.1HA W17CTCI0.1H0 W181CNB0.1HA W181TCI0.1H0 W182CNB0.1HA W182TCI0.1H0
 W183CNB0.1HA W183TCI0.1H0 W184CNB0.1HA W184TCI0.1H0 W185CNB0.1HA W185TCI0.1H0

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Wind Direction in Chia-Nan Seas of CNB0 at 2018

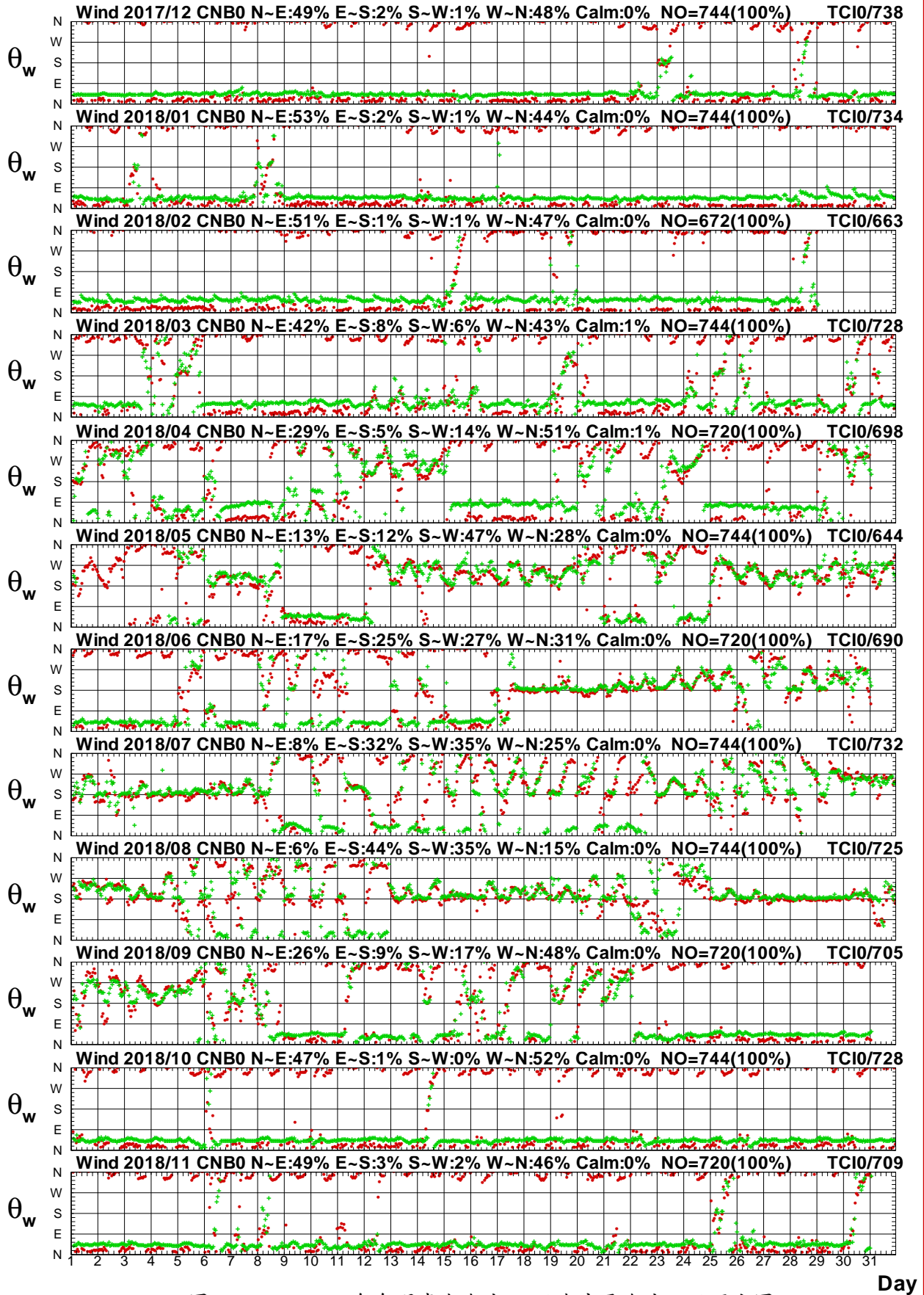


圖1.4.18b 2018年每月嘉南海域 B 站與中雲海域 I 站風向圖

W17CCNB0.1HA W17CTCI0.1H0 W181CNB0.1HA W181TCI0.1H0 W182CNB0.1HA W182TCI0.1H0
 W183CNB0.1HA W183TCI0.1H0 W184CNB0.1HA W184TCI0.1H0 W185CNB0.1HA W185TCI0.1H0

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1.5 2018 年嘉南海域風力各測站修補前 風力向量分佈圖

Distribution of Wind Vectors

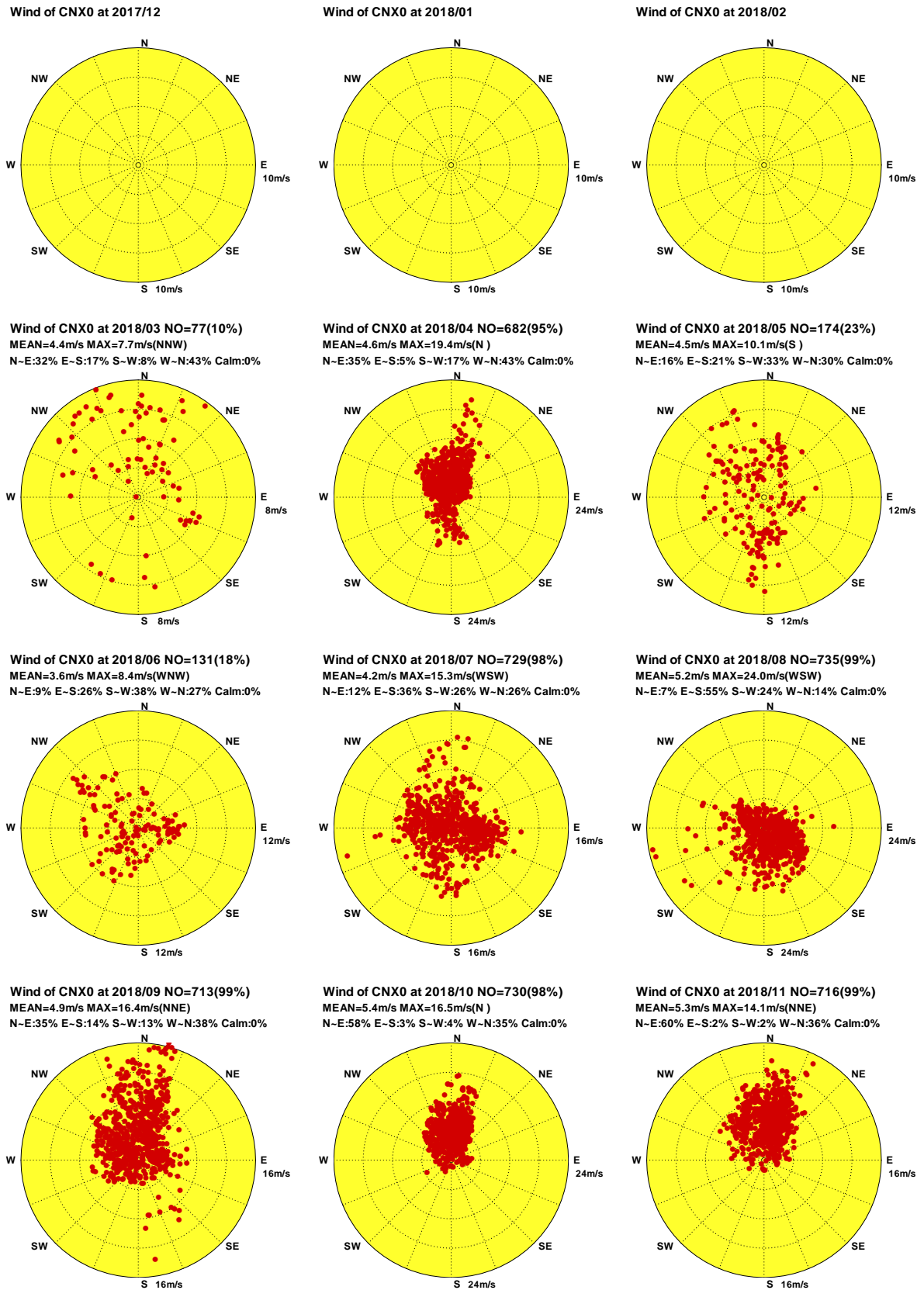


圖1.5.1 2018年嘉南海域每月 X 站修補前觀測風力向量分佈圖

W17CCNX0.1H0 W181CNX0.1H0 W182CNX0.1H0 W183CNX0.1H0 W184CNX0.1H0 W185CNX0.1H0
 W186CNX0.1H0 W187CNX0.1H0 W188CNX0.1H0 W189CNX0.1H0 W18ACNX0.1H0 W18BCNX0.1H0

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Distribution of Wind Vectors

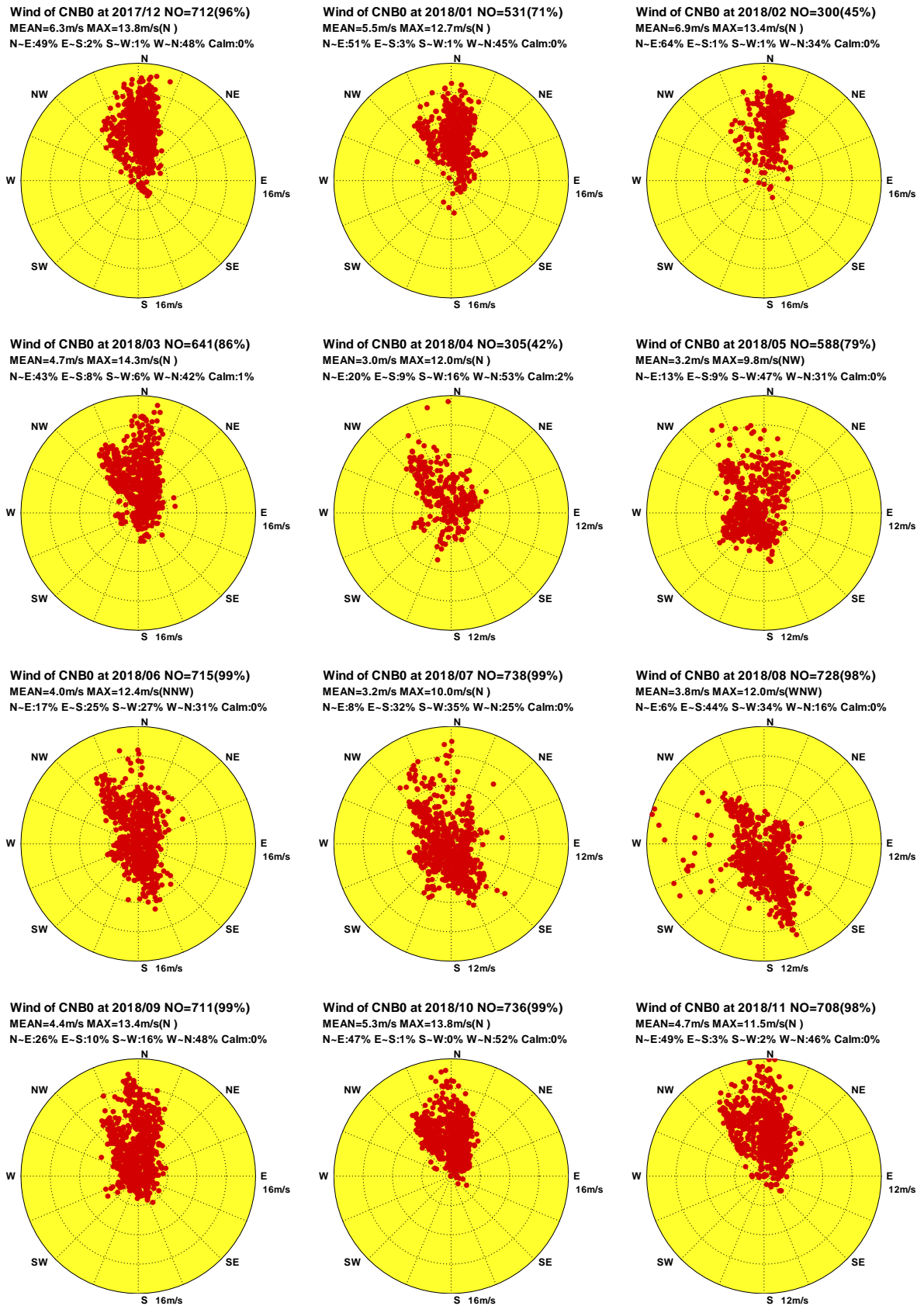


圖1.5.2 2018年嘉南海域每月B站修補前觀測風力向量分佈圖

W17CCNB0.1H0 W181CNB0.1H0 W182CNB0.1H0 W183CNB0.1H0 W184CNB0.1H0 W185CNB0.1H0
 W186CNB0.1H0 W187CNB0.1H0 W188CNB0.1H0 W189CNB0.1H0 W18ACNB0.1H0 W18BCNB0.1H0

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Distribution of Wind Vectors

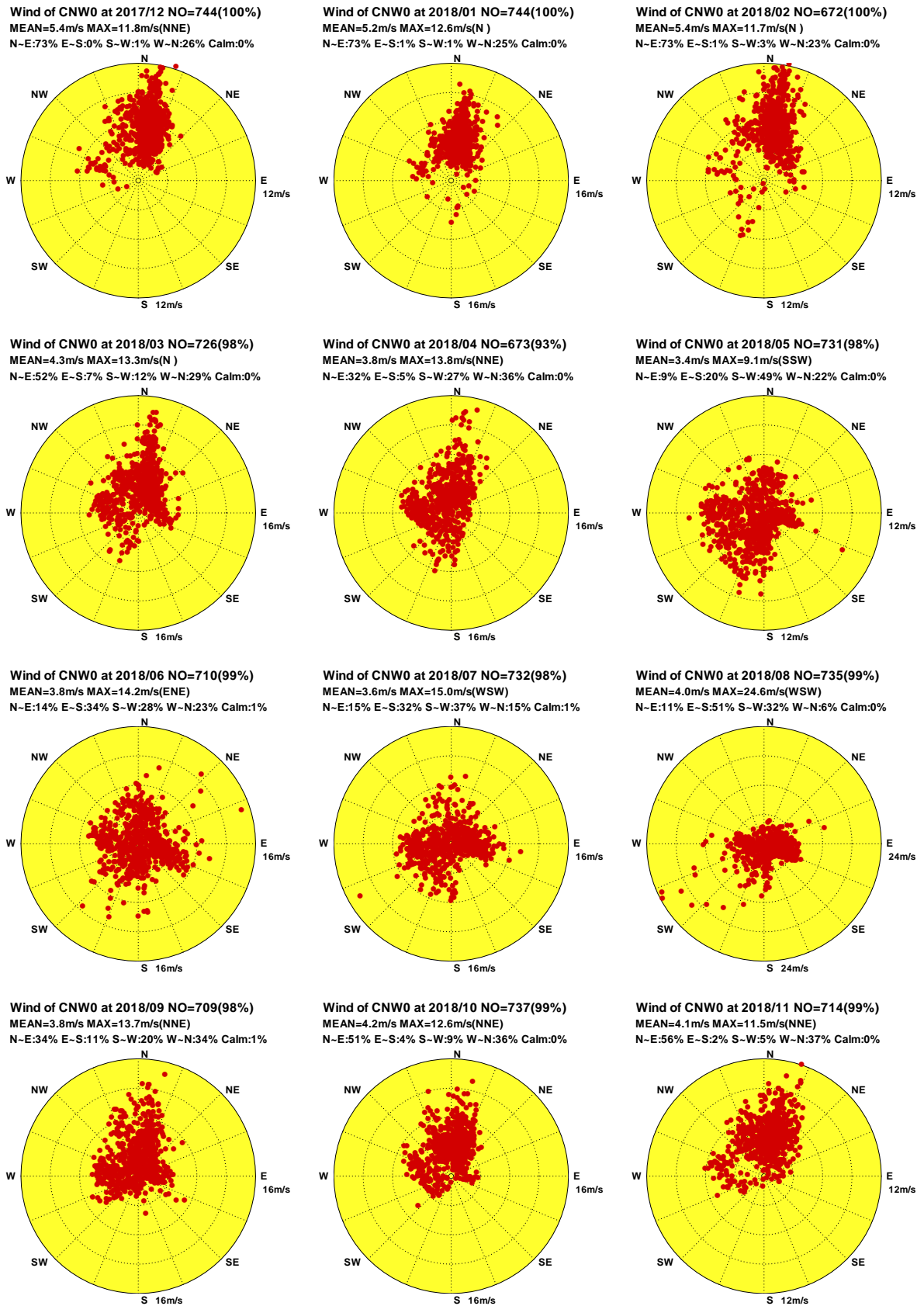


圖 1.5.3 2018 年嘉南海域每月 W 站修補前觀測風力向量分佈圖

W17CCNW0.1H0 W181CNW0.1H0 W182CNW0.1H0 W183CNW0.1H0 W184CNW0.1H0 W185CNW0.1H0
 W186CNW0.1H0 W187CNW0.1H0 W188CNW0.1H0 W189CNW0.1H0 W18ACNW0.1H0 W18BCNW0.1H0

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Distribution of Wind Vectors

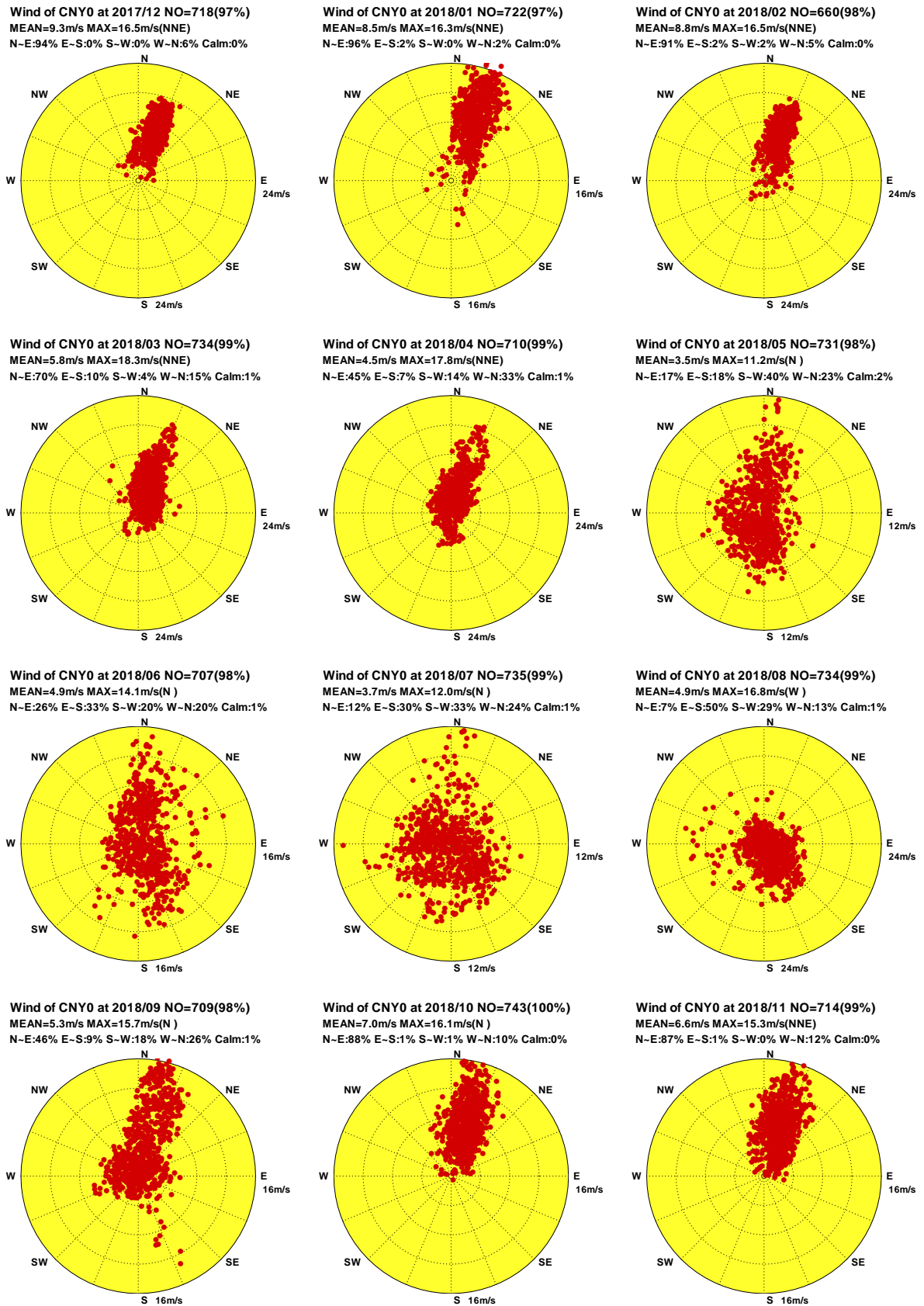


圖1.5.4 2018年嘉南海域每月 Y 站修補前觀測風力向量分佈圖

W17CCNY0.1H0 W181CNY0.1H0 W182CNY0.1H0 W183CNY0.1H0 W184CNY0.1H0 W185CNY0.1H0
W186CNY0.1H0 W187CNY0.1H0 W188CNY0.1H0 W189CNY0.1H0 W18ACNY0.1H0 W18BCNY0.1H0

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Distribution of Wind Vectors

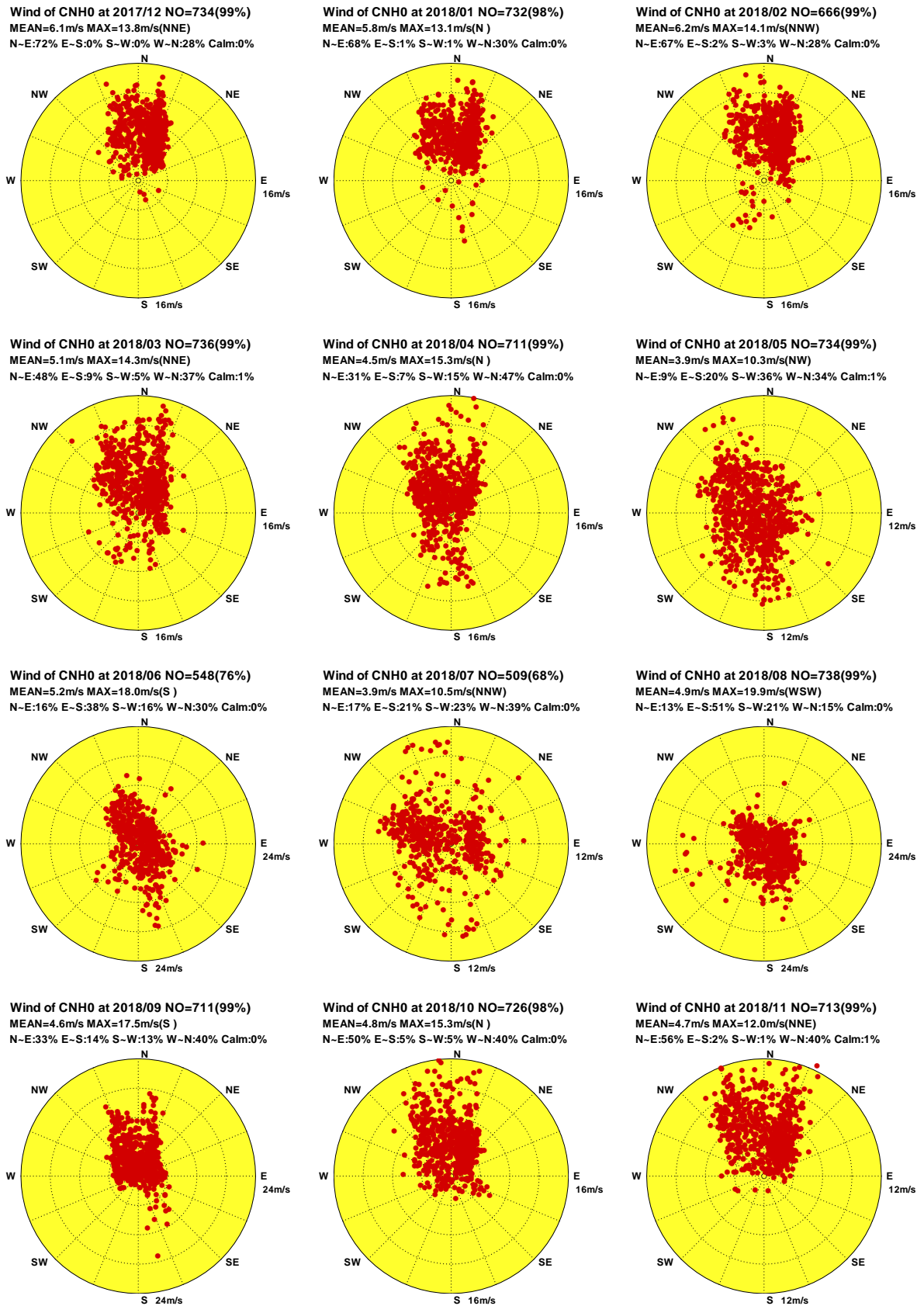


圖1.5.5 2018年嘉南海域每月 H 站修補前觀測風力向量分佈圖

W17CCNH0.1H0 W181CNH0.1H0 W182CNH0.1H0 W183CNH0.1H0 W184CNH0.1H0 W185CNH0.1H0
 W186CNH0.1H0 W187CNH0.1H0 W188CNH0.1H0 W189CNH0.1H0 W18ACNH0.1H0 W18BCNH0.1H0

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Distribution of Wind Vectors

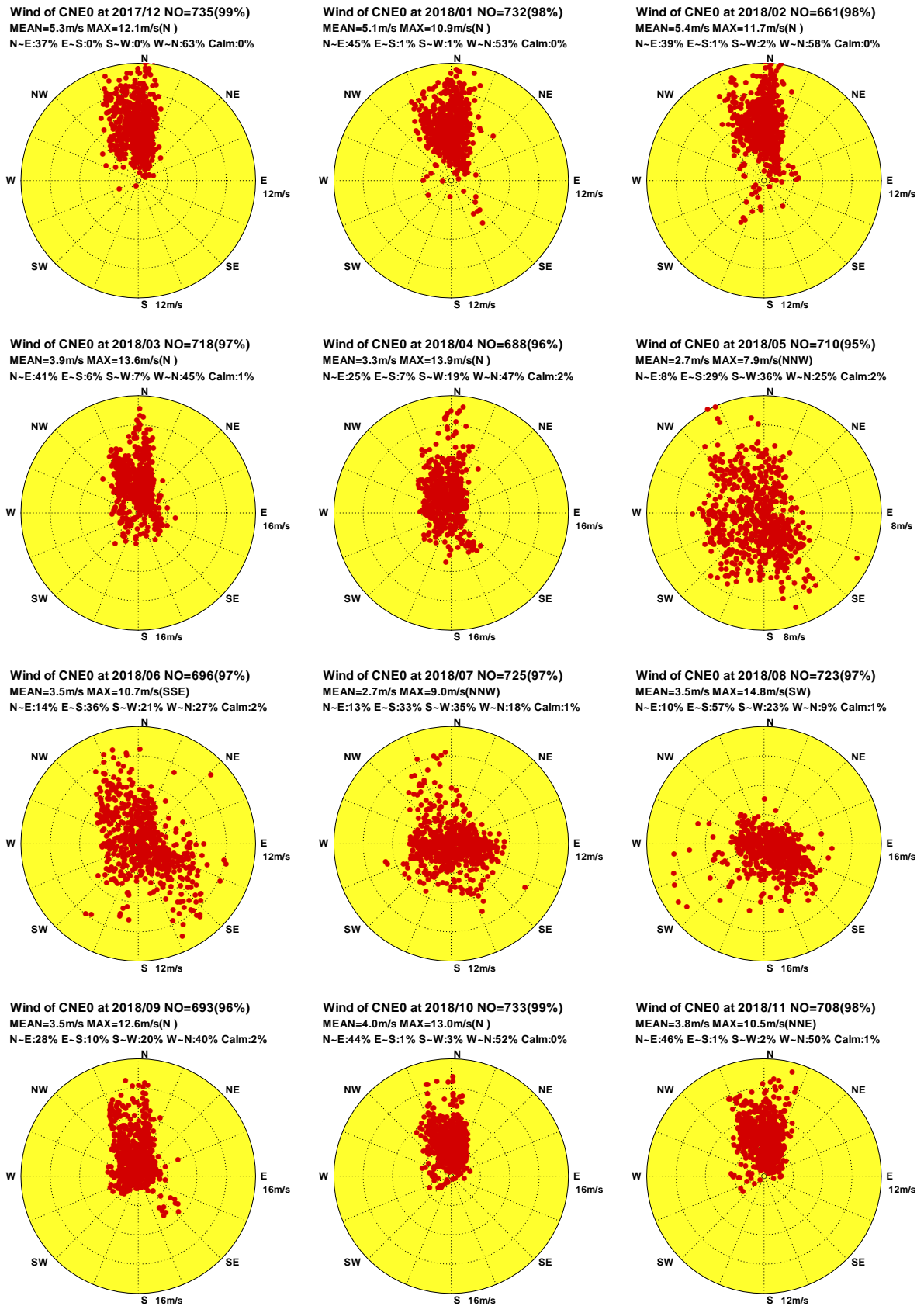


圖1.5.6 2018年嘉南海域每月 E 站修補前觀測風力向量分佈圖

W17CCNE0.1H0 W181CNE0.1H0 W182CNE0.1H0 W183CNE0.1H0 W184CNE0.1H0 W185CNE0.1H0
W186CNE0.1H0 W187CNE0.1H0 W188CNE0.1H0 W189CNE0.1H0 W18ACNE0.1H0 W18BCNE0.1H0

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Distribution of Wind Vectors

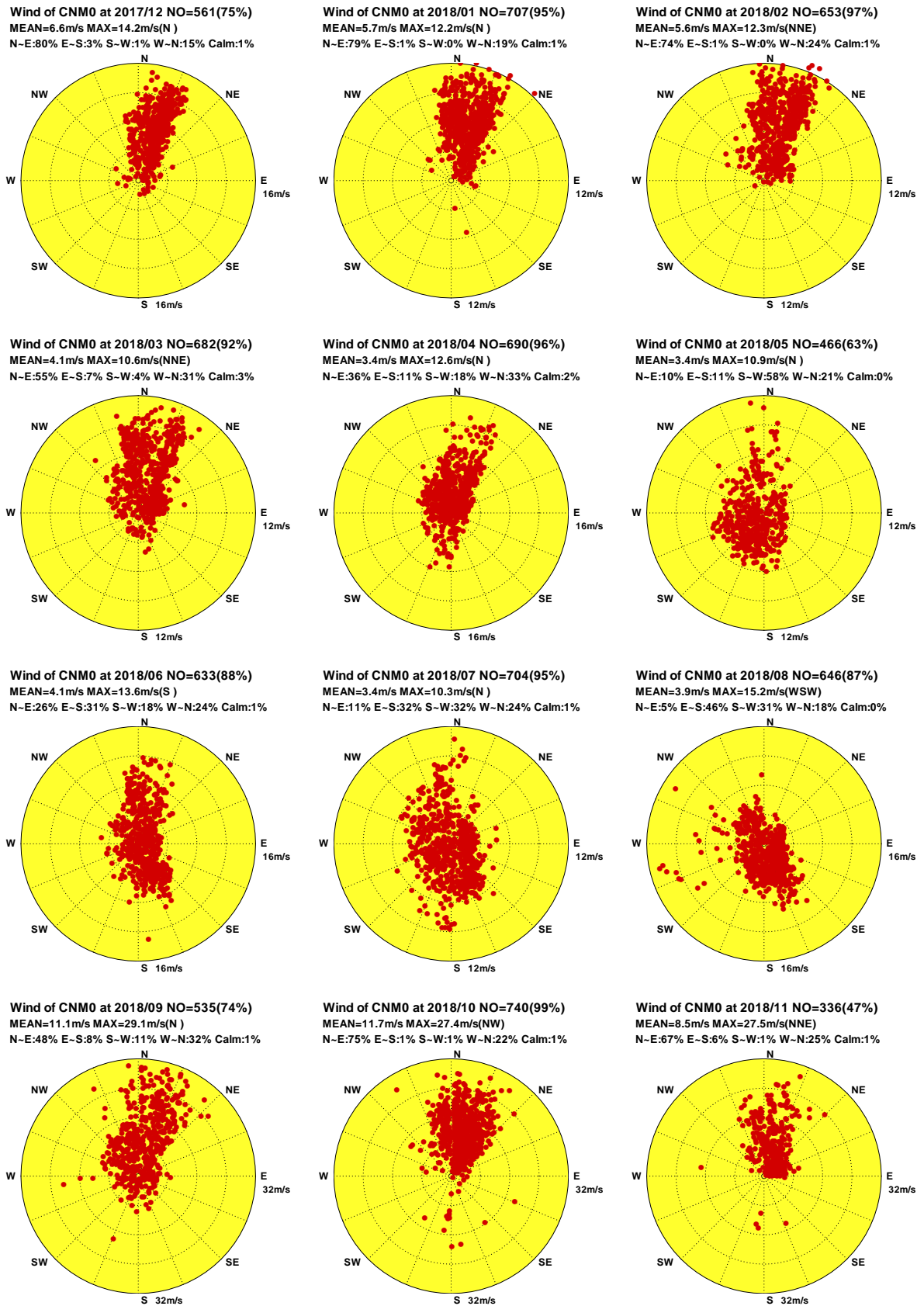


圖1.5.7 2018年嘉南海域每月 M 站修補前觀測風力向量分佈圖

W17CCNM0.1H0 W181CNM0.1H0 W182CNM0.1H0 W183CNM0.1H0 W184CNM0.1H0 W185CNM0.1H0
 W186CNM0.1H0 W187CNM0.1H0 W188CNM0.1H0 W189CNM0.1H0 W18ACNM0.1H0 W18BCNM0.1H0

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Distribution of Wind Vectors

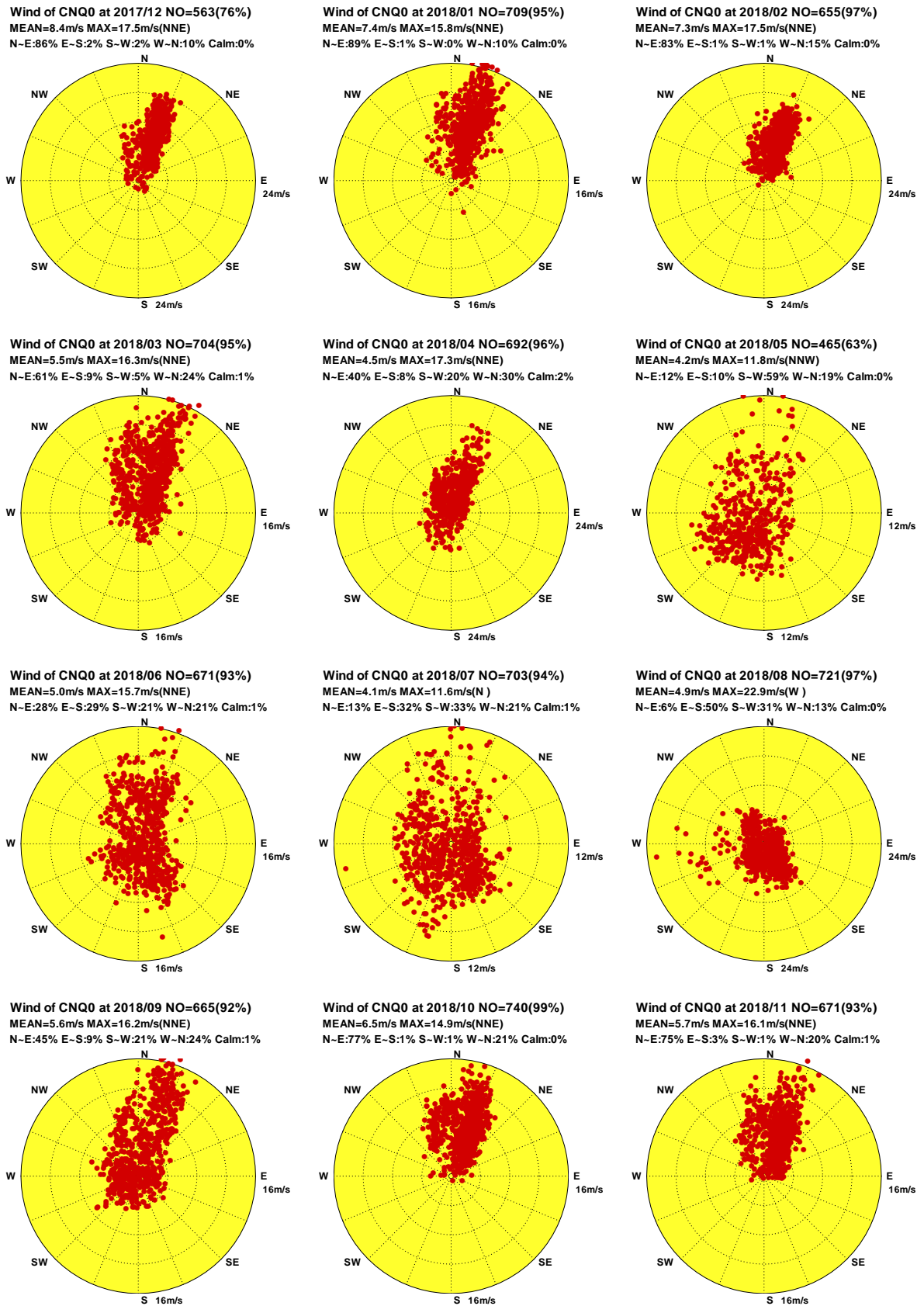


圖1.5.8 2018年嘉南海域每月 Q 站修補前觀測風力向量分佈圖

W17CCNQ0.1H0 W181CNQ0.1H0 W182CNQ0.1H0 W183CNQ0.1H0 W184CNQ0.1H0 W185CNQ0.1H0
W186CNQ0.1H0 W187CNQ0.1H0 W188CNQ0.1H0 W189CNQ0.1H0 W18ACNQ0.1H0 W18BCNQ0.1H0

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1.6 2018 年嘉南海域風力各測站修補前 風力向量行進圖

Progressive Vector Diagram of Wind

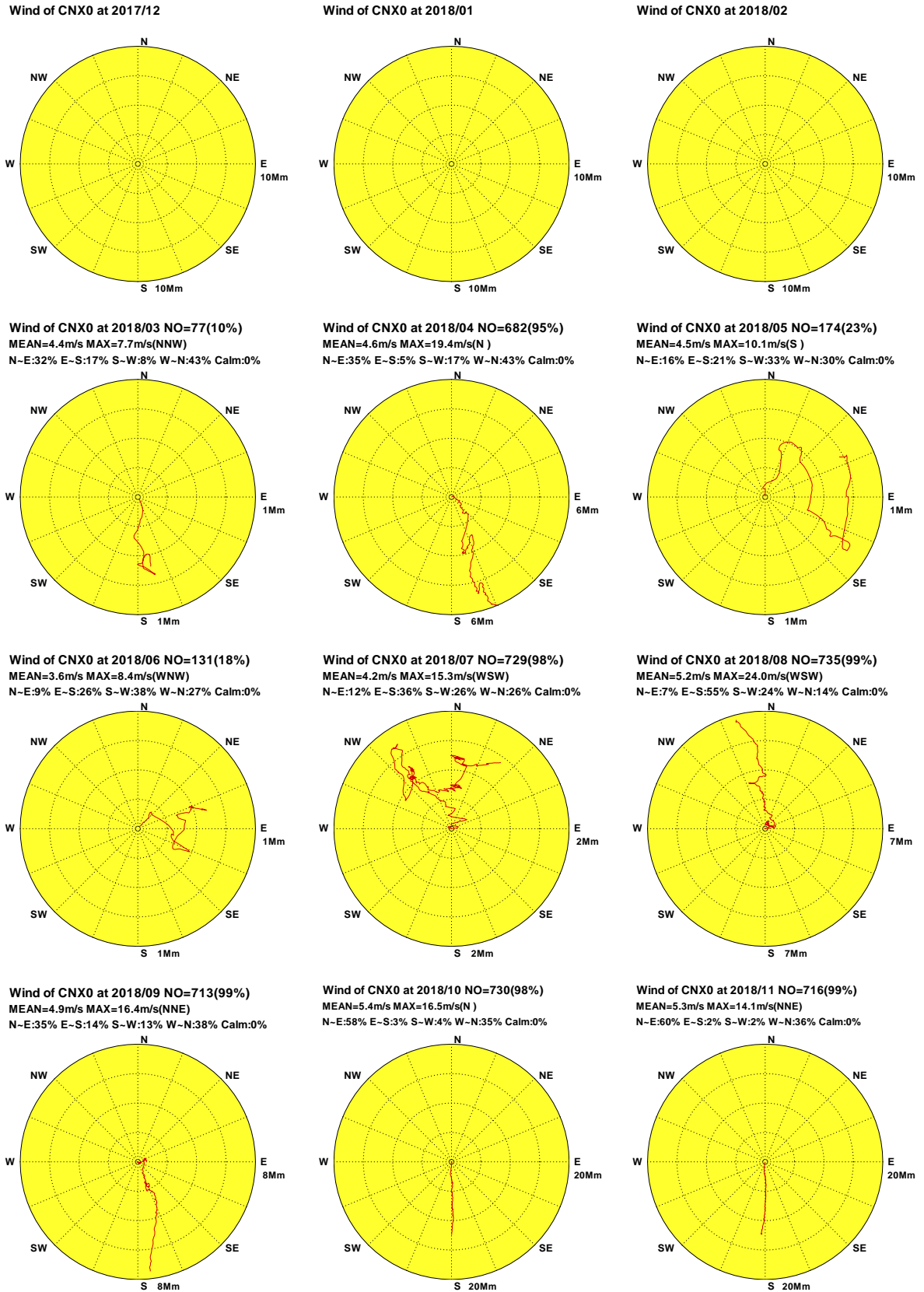


圖1.6.1 2018年嘉南海域每月 X 站修補前觀測風力向量行進圖

W17CCNX0.1H0 W181CNX0.1H0 W182CNX0.1H0 W183CNX0.1H0 W184CNX0.1H0 W185CNX0.1H0
 W186CNX0.1H0 W187CNX0.1H0 W188CNX0.1H0 W189CNX0.1H0 W18ACNX0.1H0 W18BCNX0.1H0

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Progressive Vector Diagram of Wind

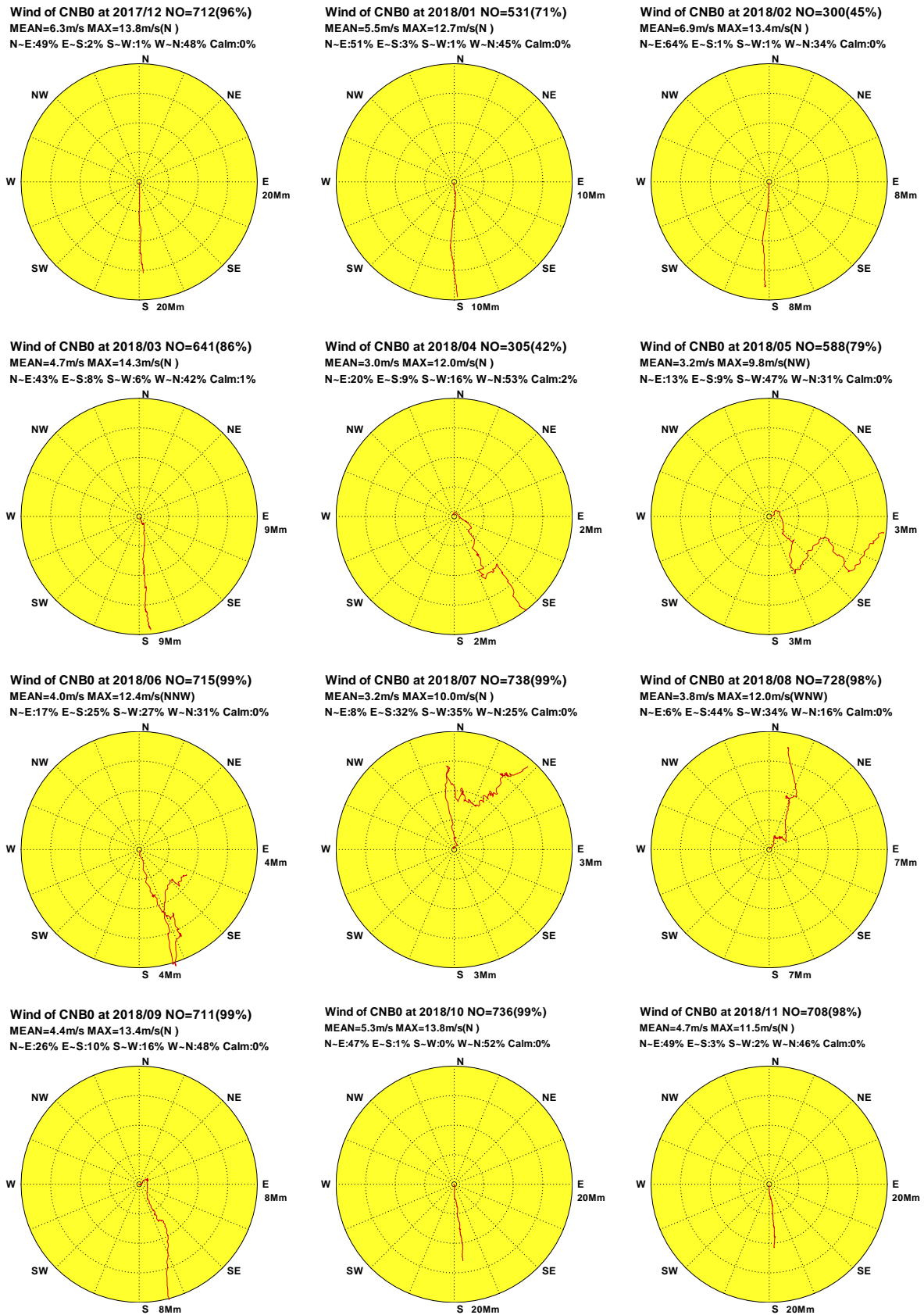


圖1.6.2 2018年嘉南海域每月B站修補前觀測風力向量行進圖

W17CCNB0.1H0 W181CNB0.1H0 W182CNB0.1H0 W183CNB0.1H0 W184CNB0.1H0 W185CNB0.1H0
W186CNB0.1H0 W187CNB0.1H0 W188CNB0.1H0 W189CNB0.1H0 W18ACNB0.1H0 W18BCNB0.1H0

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Progressive Vector Diagram of Wind

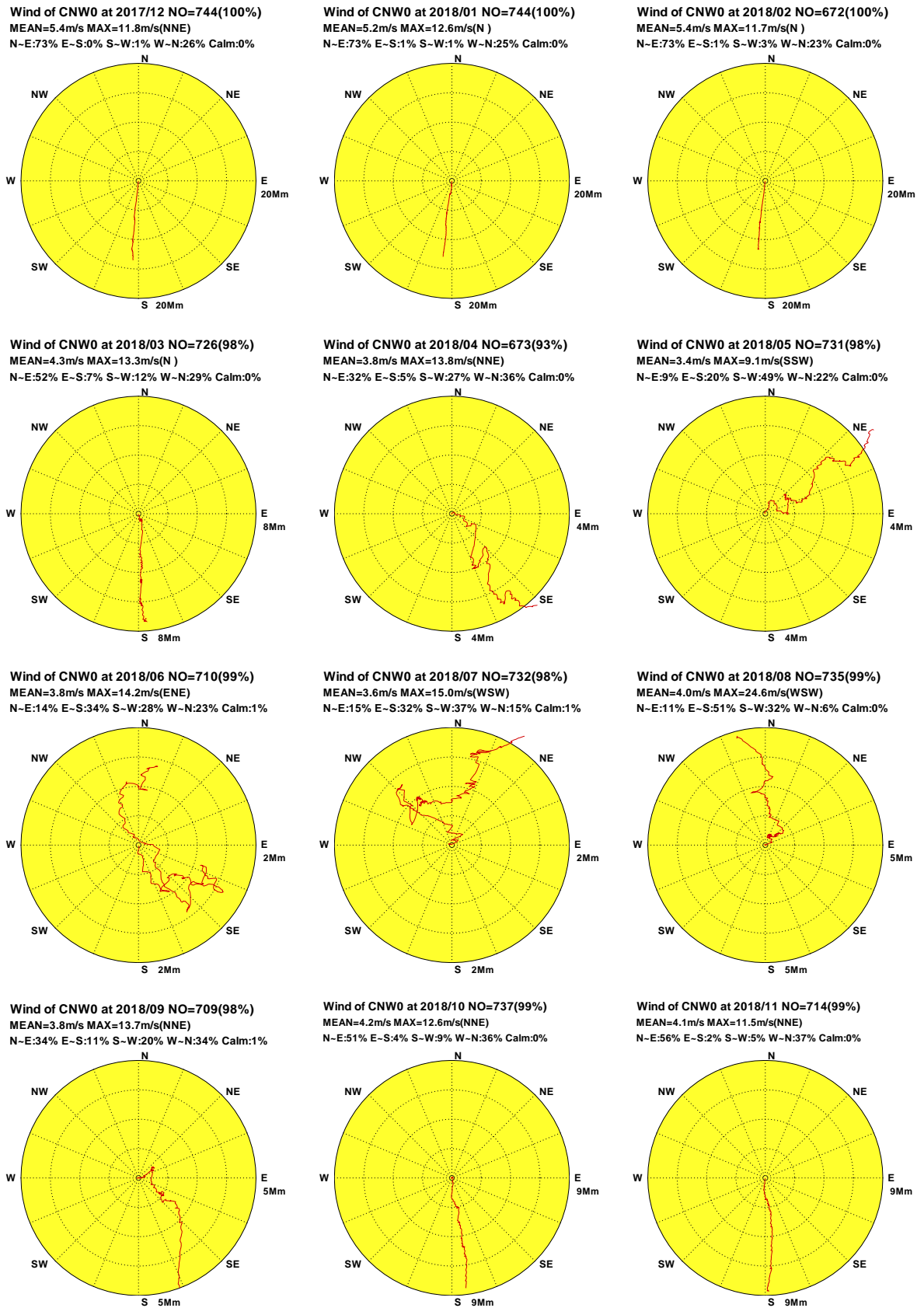


圖 1.6.3 2018 年嘉南海域每月 W 站修補前觀測風力向量行進圖

W17CCNW0.1H0 W181CNW0.1H0 W182CNW0.1H0 W183CNW0.1H0 W184CNW0.1H0 W185CNW0.1H0
W186CNW0.1H0 W187CNW0.1H0 W188CNW0.1H0 W189CNW0.1H0 W18ACNW0.1H0 W18BCNW0.1H0

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Progressive Vector Diagram of Wind

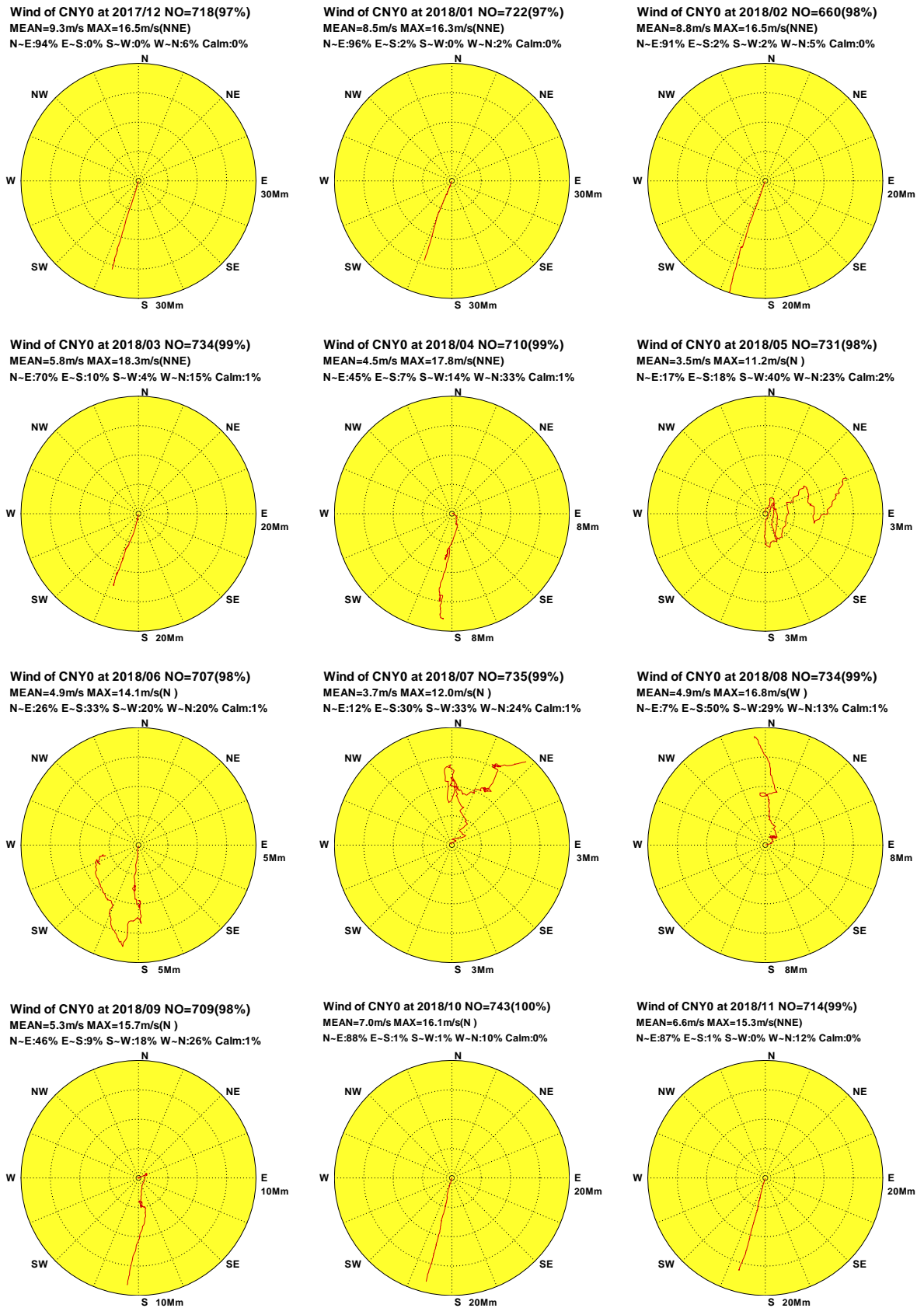


圖1.6.4 2018年嘉南海域每月 Y 站修補前觀測風力向量行進圖

W17CCNY0.1H0 W181CNY0.1H0 W182CNY0.1H0 W183CNY0.1H0 W184CNY0.1H0 W185CNY0.1H0
W186CNY0.1H0 W187CNY0.1H0 W188CNY0.1H0 W189CNY0.1H0 W18ACNY0.1H0 W18BCNY0.1H0

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Progressive Vector Diagram of Wind

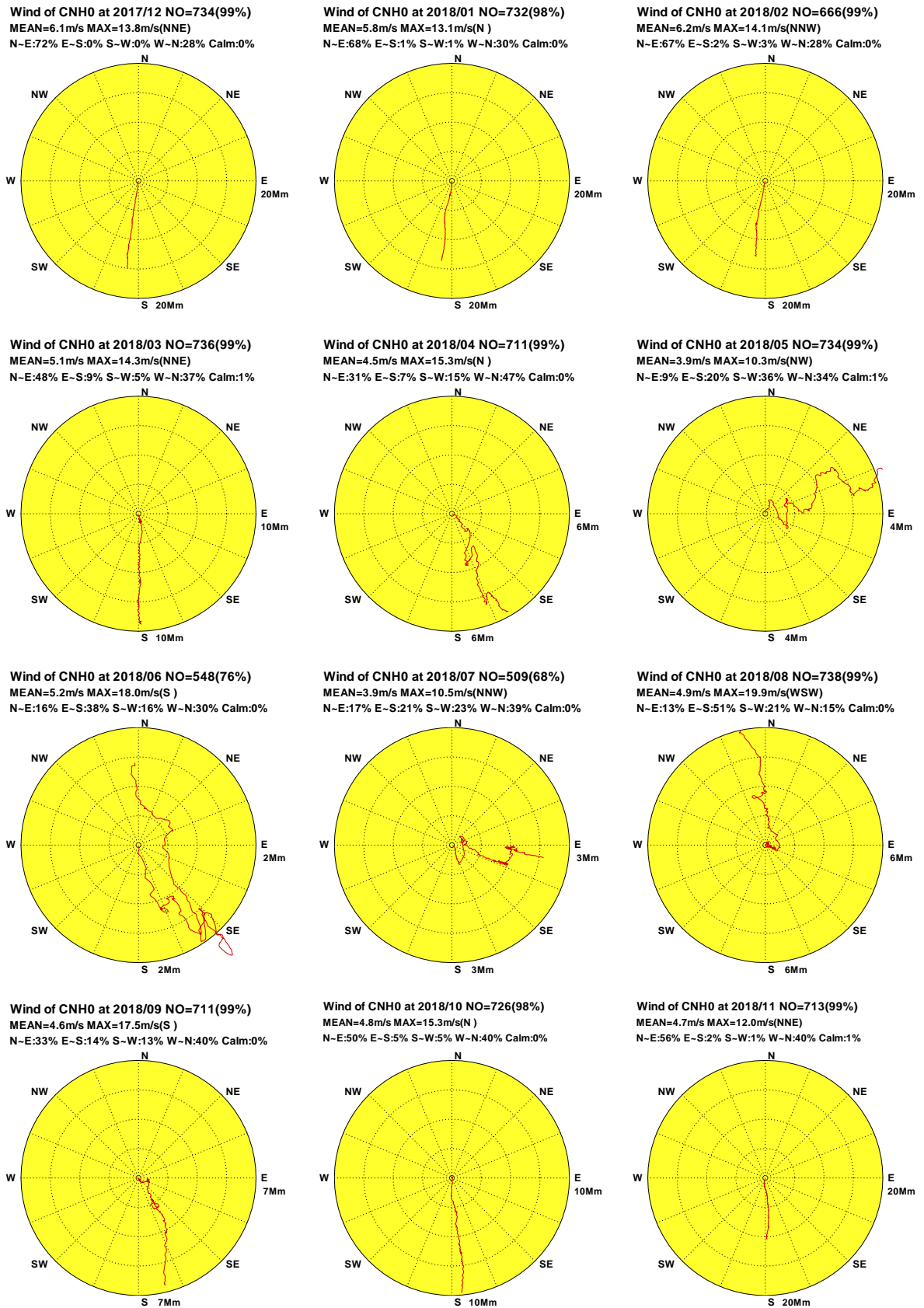


圖1.6.5 2018年嘉南海域每月 H 站修補前觀測風力向量行進圖

W17CCNH0.1H0 W181CNH0.1H0 W182CNH0.1H0 W183CNH0.1H0 W184CNH0.1H0 W185CNH0.1H0
 W186CNH0.1H0 W187CNH0.1H0 W188CNH0.1H0 W189CNH0.1H0 W18ACNH0.1H0 W18BCNH0.1H0

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Progressive Vector Diagram of Wind

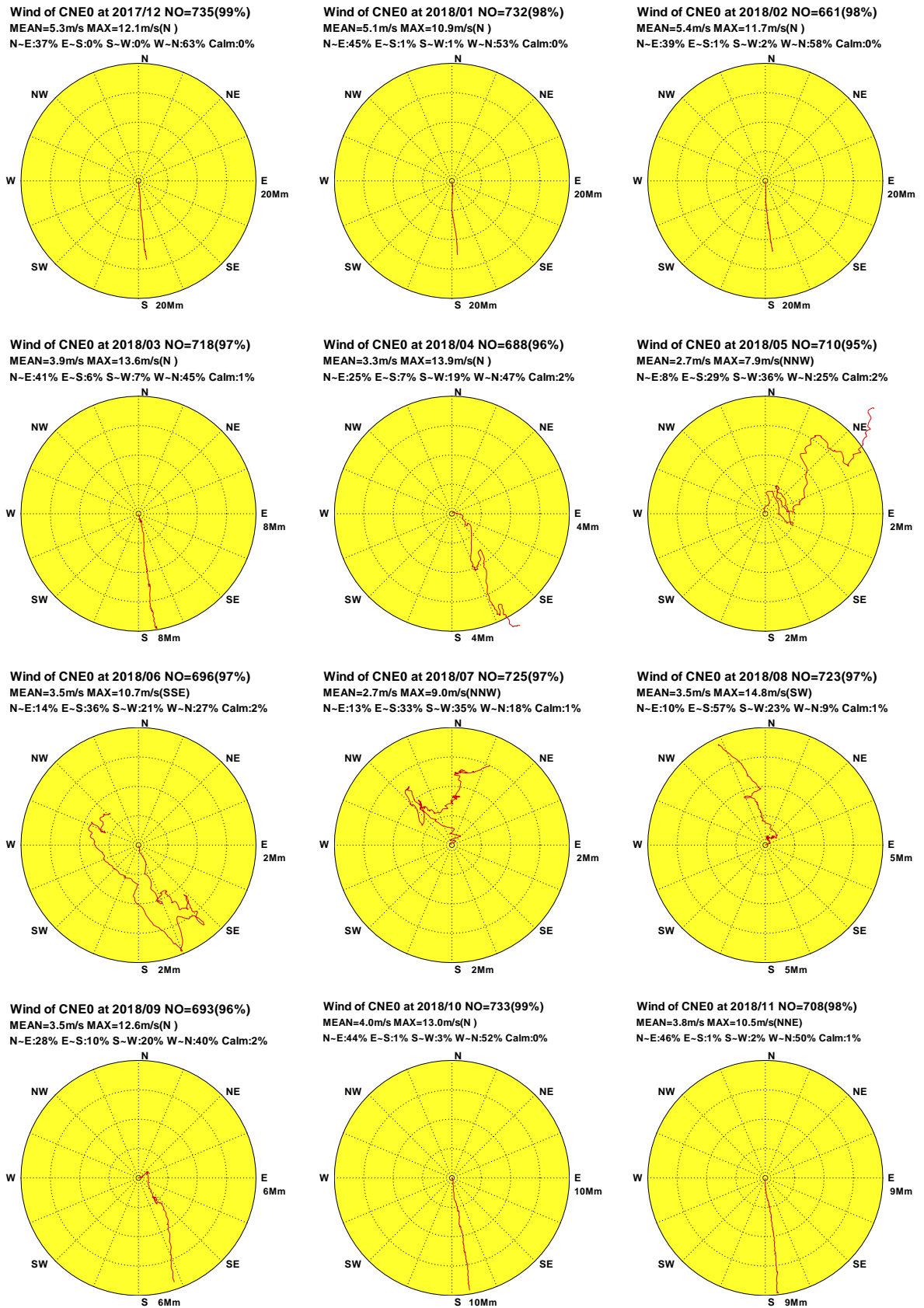


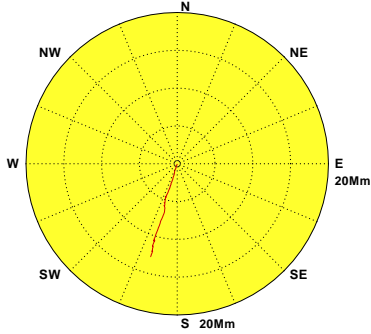
圖1.6.6 2018年嘉南海域每月 E 站修補前觀測風力向量行進圖

W17CCNE0.1H0 W181CNE0.1H0 W182CNE0.1H0 W183CNE0.1H0 W184CNE0.1H0 W185CNE0.1H0
W186CNE0.1H0 W187CNE0.1H0 W188CNE0.1H0 W189CNE0.1H0 W18ACNE0.1H0 W18BCNE0.1H0

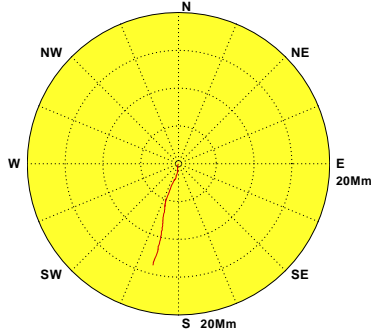
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Progressive Vector Diagram of Wind

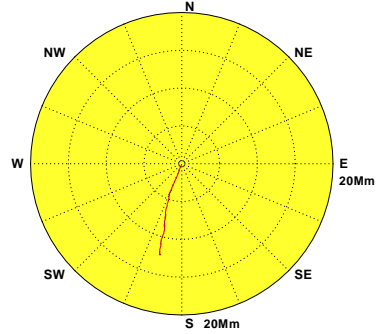
Wind of CNM0 at 2017/12 NO=561(75%)
 MEAN=6.6m/s MAX=14.2m/s(N)
 N-E:80% E-S:3% S-W:1% W-N:15% Calm:1%



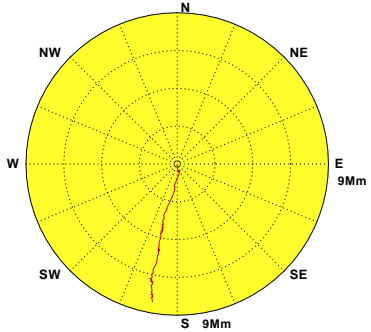
Wind of CNM0 at 2018/01 NO=707(95%)
 MEAN=5.7m/s MAX=12.2m/s(N)
 N-E:79% E-S:1% S-W:0% W-N:19% Calm:1%



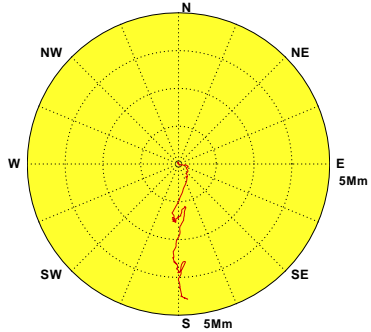
Wind of CNM0 at 2018/02 NO=653(97%)
 MEAN=5.6m/s MAX=12.3m/s(NNE)
 N-E:74% E-S:1% S-W:0% W-N:24% Calm:1%



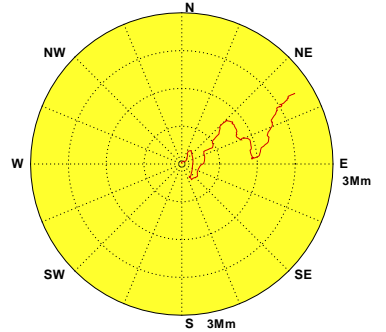
Wind of CNM0 at 2018/03 NO=682(92%)
 MEAN=4.1m/s MAX=10.6m/s(NNE)
 N-E:55% E-S:7% S-W:4% W-N:31% Calm:3%



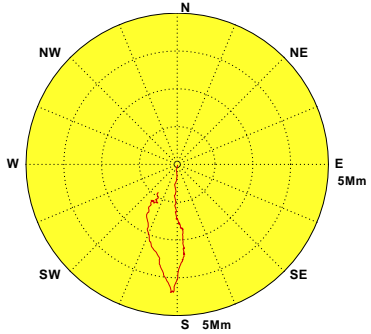
Wind of CNM0 at 2018/04 NO=690(96%)
 MEAN=3.4m/s MAX=12.6m/s(N)
 N-E:36% E-S:11% S-W:18% W-N:33% Calm:2%



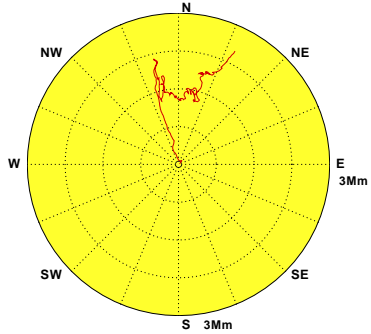
Wind of CNM0 at 2018/05 NO=466(63%)
 MEAN=3.4m/s MAX=10.9m/s(N)
 N-E:10% E-S:11% S-W:58% W-N:21% Calm:0%



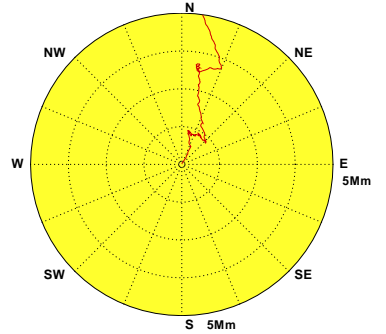
Wind of CNM0 at 2018/06 NO=633(88%)
 MEAN=4.1m/s MAX=13.6m/s(S)
 N-E:26% E-S:31% S-W:18% W-N:24% Calm:1%



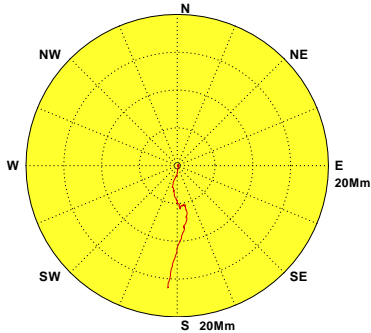
Wind of CNM0 at 2018/07 NO=704(95%)
 MEAN=3.4m/s MAX=10.3m/s(N)
 N-E:11% E-S:32% S-W:32% W-N:24% Calm:1%



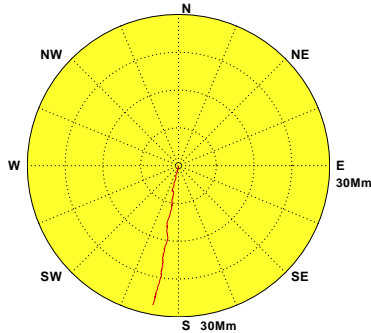
Wind of CNM0 at 2018/08 NO=646(87%)
 MEAN=3.9m/s MAX=15.2m/s(WSW)
 N-E:5% E-S:46% S-W:31% W-N:18% Calm:0%



Wind of CNM0 at 2018/09 NO=535(74%)
 MEAN=11.1m/s MAX=29.1m/s(N)
 N-E:48% E-S:8% S-W:11% W-N:32% Calm:1%



Wind of CNM0 at 2018/10 NO=740(99%)
 MEAN=11.7m/s MAX=27.4m/s(NW)
 N-E:75% E-S:1% S-W:1% W-N:22% Calm:1%



Wind of CNM0 at 2018/11 NO=336(47%)
 MEAN=8.5m/s MAX=27.5m/s(NNE)
 N-E:67% E-S:6% S-W:1% W-N:25% Calm:1%

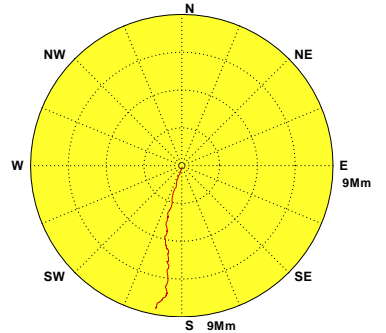


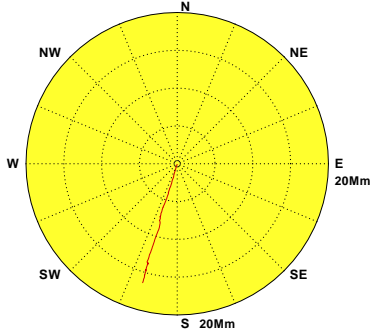
圖1.6.7 2018年嘉南海域每月 M 站修補前觀測風力向量行進圖

W17CCNM0.1H0 W181CNM0.1H0 W182CNM0.1H0 W183CNM0.1H0 W184CNM0.1H0 W185CNM0.1H0
 W186CNM0.1H0 W187CNM0.1H0 W188CNM0.1H0 W189CNM0.1H0 W18ACNM0.1H0 W18BCNM0.1H0

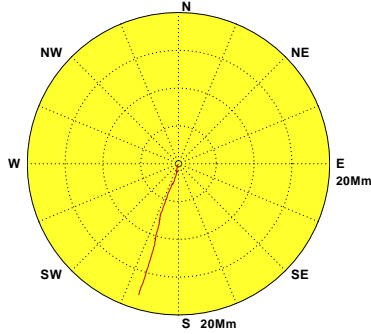
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Progressive Vector Diagram of Wind

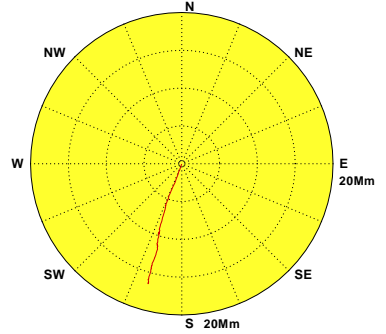
Wind of CNQ0 at 2017/12 NO=563(76%)
 MEAN=8.4m/s MAX=17.5m/s(NNE)
 N-E:86% E-S:2% S-W:2% W-N:10% Calm:0%



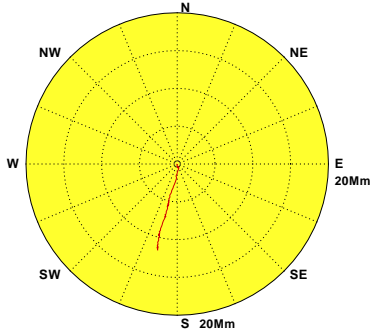
Wind of CNQ0 at 2018/01 NO=709(95%)
 MEAN=7.4m/s MAX=15.8m/s(NNE)
 N-E:89% E-S:1% S-W:0% W-N:10% Calm:0%



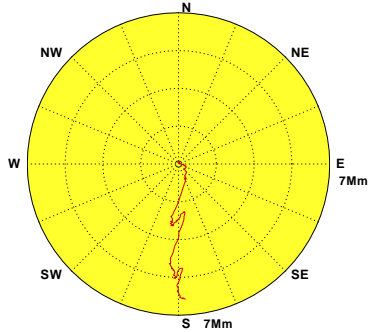
Wind of CNQ0 at 2018/02 NO=655(97%)
 MEAN=7.3m/s MAX=17.5m/s(NNE)
 N-E:83% E-S:1% S-W:1% W-N:15% Calm:0%



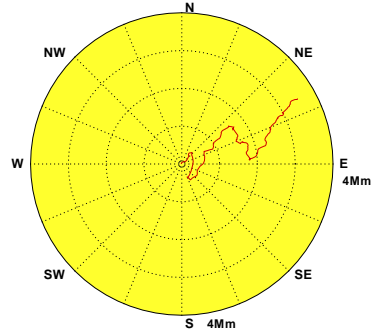
Wind of CNQ0 at 2018/03 NO=704(95%)
 MEAN=5.5m/s MAX=16.3m/s(NNE)
 N-E:61% E-S:9% S-W:5% W-N:24% Calm:1%



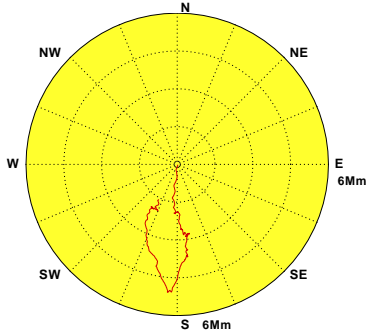
Wind of CNQ0 at 2018/04 NO=692(96%)
 MEAN=4.5m/s MAX=17.3m/s(NNE)
 N-E:40% E-S:8% S-W:20% W-N:30% Calm:2%



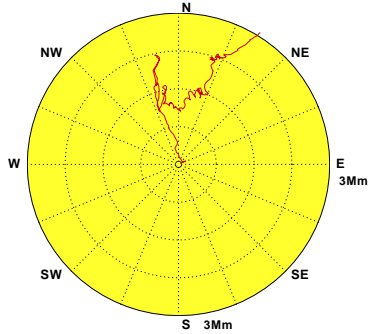
Wind of CNQ0 at 2018/05 NO=465(63%)
 MEAN=4.2m/s MAX=11.8m/s(NNW)
 N-E:12% E-S:10% S-W:59% W-N:19% Calm:0%



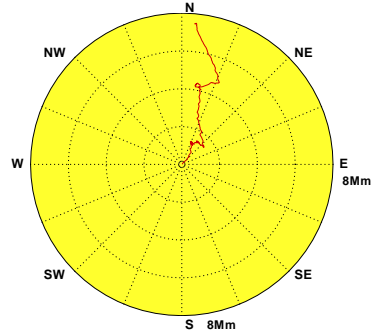
Wind of CNQ0 at 2018/06 NO=671(93%)
 MEAN=5.0m/s MAX=15.7m/s(NNE)
 N-E:28% E-S:29% S-W:21% W-N:21% Calm:1%



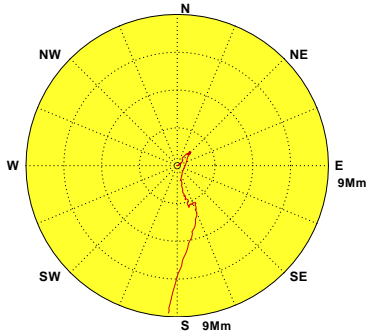
Wind of CNQ0 at 2018/07 NO=703(94%)
 MEAN=4.1m/s MAX=11.6m/s(N)
 N-E:13% E-S:32% S-W:33% W-N:21% Calm:1%



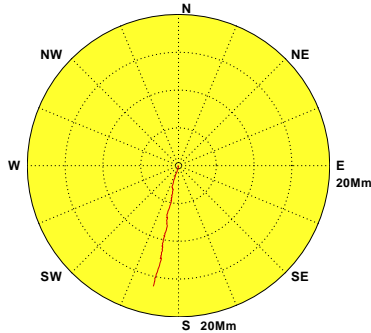
Wind of CNQ0 at 2018/08 NO=721(97%)
 MEAN=4.9m/s MAX=22.9m/s(W)
 N-E:6% E-S:50% S-W:31% W-N:13% Calm:0%



Wind of CNQ0 at 2018/09 NO=665(92%)
 MEAN=5.6m/s MAX=16.2m/s(NNE)
 N-E:45% E-S:9% S-W:21% W-N:24% Calm:1%



Wind of CNQ0 at 2018/10 NO=740(99%)
 MEAN=6.5m/s MAX=14.9m/s(NNE)
 N-E:77% E-S:1% S-W:1% W-N:21% Calm:0%



Wind of CNQ0 at 2018/11 NO=671(93%)
 MEAN=5.7m/s MAX=16.1m/s(NNE)
 N-E:75% E-S:3% S-W:1% W-N:20% Calm:1%

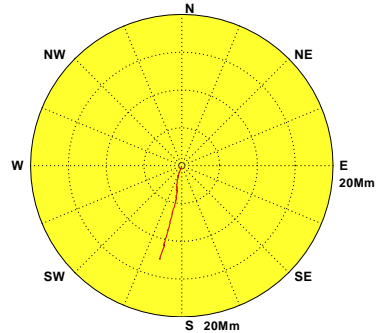


圖1.6.8 2018年嘉南海域每月 Q 站修補前觀測風力向量行進圖

W17CCNQ0.1H0 W181CNQ0.1H0 W182CNQ0.1H0 W183CNQ0.1H0 W184CNQ0.1H0 W185CNQ0.1H0
 W186CNQ0.1H0 W187CNQ0.1H0 W188CNQ0.1H0 W189CNQ0.1H0 W18ACNQ0.1H0 W18BCNQ0.1H0

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第二章 2018 年嘉南海域觀測波浪資料年報

嘉南海域波浪觀測包括測站 X、測站 Y、測站 Z、測站 A 及測站 U 等 5 個測站(測站位置如第 0 章圖 VB1)。本年報取經檢核及補遺之 X 站資料作為主要測站 1，A 站資料作為主要測站 2。

2.1 2018 年嘉南海域觀測風力資料年報圖表

本章第 1 節波浪年報資料處理之圖表包括：

1. 表 2.1.1a 2018 年各觀測站每月觀測波浪資料修補前記錄表。
2. 表 2.1.1b 2018 年主要測站每月觀測波浪資料修補後記錄表。
3. 表 2.1.2 2018 年主要測站 1 修補後每月(季)及整年示性波高、示性週期及波向重要統計量統計表。
4. 表 2.1.3 2018 年主要測站 2 修補後每月(季)及整年示性波高、示性週期及波向重要統計量統計表。
5. 圖 2.1.1a 2018 年主要測站 1 修補前後每月示性波高歷線比較圖。
6. 圖 2.1.1b 2018 年主要測站 1 修補前後每月示性週期歷線比較圖。
7. 圖 2.1.1c 2018 年主要測站 1 修補前後每月波向歷線比較圖。
8. 圖 2.1.2a 2018 年主要測站 2 修補前後每月示性波高歷線比較圖。
9. 圖 2.1.2b 2018 年主要測站 2 修補前後每月示性週期歷線比較圖。
10. 圖 2.1.2c 2018 年主要測站 2 修補前後每月波向歷線比較圖。
11. 圖 2.1.3 2018 年主要測站 1 修補後每月波高向量分佈圖。

12. 圖 2.1.4 2018 年**主要測站 2 修補後**每月波高向量分佈圖。

第 2 節波浪年報資料處理之統計表包括: 2018 年嘉南海域**各測站修補前**每月(季)及整年示性波高、示性週期及波向重要統計量統計表。

第 3 節波浪年報資料處理之統計圖包括: 2018 年嘉南海域**主要測站 1 修補後**與**其他測站(修補前)**每月示性波高、示性週期及波向歷線比較圖。

第 4 節波浪年報資料處理之統計圖包括: 2018 年嘉南海域**主要測站 2 修補後**與**其他測站(修補前)**每月示性波高、示性週期及波向歷線比較圖。

第 5 節波浪年報資料處理之統計圖包括: 2018 年嘉南海域**各測站修補前**每月波高向量分佈圖。

表 2.1.1a 2018年每月嘉南海域修補前各測站觀測波浪資料紀錄表

海域	嘉南海域	嘉南海域	嘉南海域	嘉南海域	嘉南海域	嘉南海域	嘉南海域	嘉南海域	嘉南海域	嘉南海域	嘉南海域	嘉南海域
年月/測站	X	A	Y	Z	U	V	R					
2017/12月	721(96.9%)	743(99.9%)	714(96.0%)	733(98.5%)	*	*	*	*	*	*	*	*
2018/ 1月	713(95.8%)	740(99.5%)	711(95.6%)	733(98.5%)	*	*	*	*	*	*	*	*
2018/ 2月	644(95.8%)	664(98.8%)	651(96.9%)	655(97.5%)	*	*	*	*	*	*	*	*
2018/ 3月	695(93.4%)	725(97.4%)	729(98.0%)	108(14.5%)	*	*	*	*	*	*	*	*
2018/ 4月	598(83.1%)	698(96.9%)	703(97.6%)	*	*	*	*	*	*	*	*	*
2018/ 5月	*	671(90.2%)	726(97.6%)	*	202(27.2%)	*	*	*	*	*	*	*
2018/ 6月	*	678(94.2%)	704(97.8%)	704(97.8%)	707(98.2%)	*	*	*	*	*	*	*
2018/ 7月	311(41.8%)	725(97.4%)	737(99.1%)	732(98.4%)	741(99.6%)	*	*	*	*	*	*	*
2018/ 8月	741(99.6%)	744(100%)	738(99.2%)	725(97.4%)	653(87.8%)	*	*	*	*	*	*	*
2018/ 9月	693(96.3%)	711(98.8%)	712(98.9%)	706(98.1%)	*	*	*	*	*	*	*	*
2018/10月	688(92.5%)	358(48.1%)	731(98.3%)	725(97.4%)	539(72.4%)	*	*	*	*	*	*	*
2018/11月	646(89.7%)	717(99.6%)	702(97.5%)	701(97.4%)	718(99.7%)	*	*	*	*	*	*	*
2018/冬季	2078(96.2%)	2147(99.4%)	2076(96.1%)	2121(98.2%)	*	*	*	*	*	*	*	*
2018/春季	1293(58.6%)	2094(94.8%)	2158(97.7%)	108(4.9%)	202(9.1%)	*	*	*	*	*	*	*
2018/夏季	1052(47.6%)	2147(97.2%)	2179(98.7%)	2161(97.9%)	2101(95.2%)	*	*	*	*	*	*	*
2018/秋季	2027(92.8%)	1786(81.8%)	2145(98.2%)	2132(97.6%)	1257(57.6%)	*	*	*	*	*	*	*
2018/整年	6450(73.6%)	8174(93.3%)	8558(97.7%)	6522(74.5%)	3560(40.6%)	*	*	*	*	*	*	*
起始年月	2017/12	2017/12	2017/12	2017/12	2018/05	*	*	*	*	*	*	*
結束年月	2018/11	2018/11	2018/11	2018/11	2018/11	*	*	*	*	*	*	*

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表 2.1.1b 2018年每月嘉南海域修補後各測站波浪資料紀錄表

海域	嘉南海域	嘉南海域	嘉南海域	嘉南海域	嘉南海域	嘉南海域	嘉南海域	嘉南海域	嘉南海域	嘉南海域	嘉南海域	嘉南海域
年月/測站	X	A										
2017/12月	744(100%)	744(100%)	*	*	*	*	*	*	*	*	*	*
2018/ 1月	744(100%)	744(100%)	*	*	*	*	*	*	*	*	*	*
2018/ 2月	672(100%)	672(100%)	*	*	*	*	*	*	*	*	*	*
2018/ 3月	744(100%)	744(100%)	*	*	*	*	*	*	*	*	*	*
2018/ 4月	720(100%)	720(100%)	*	*	*	*	*	*	*	*	*	*
2018/ 5月	744(100%)	744(100%)	*	*	*	*	*	*	*	*	*	*
2018/ 6月	720(100%)	720(100%)	*	*	*	*	*	*	*	*	*	*
2018/ 7月	744(100%)	744(100%)	*	*	*	*	*	*	*	*	*	*
2018/ 8月	744(100%)	744(100%)	*	*	*	*	*	*	*	*	*	*
2018/ 9月	720(100%)	720(100%)	*	*	*	*	*	*	*	*	*	*
2018/10月	744(100%)	744(100%)	*	*	*	*	*	*	*	*	*	*
2018/11月	720(100%)	720(100%)	*	*	*	*	*	*	*	*	*	*
2018/冬季	2160(100%)	2160(100%)	*	*	*	*	*	*	*	*	*	*
2018/春季	2208(100%)	2208(100%)	*	*	*	*	*	*	*	*	*	*
2018/夏季	2208(100%)	2208(100%)	*	*	*	*	*	*	*	*	*	*
2018/秋季	2184(100%)	2184(100%)	*	*	*	*	*	*	*	*	*	*
2018/整年	8760(100%)	8760(100%)	*	*	*	*	*	*	*	*	*	*
起始年月	2017/12	2017/12	*	*	*	*	*	*	*	*	*	*
結束年月	2018/11	2018/11	*	*	*	*	*	*	*	*	*	*

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表2.1.2 2018年嘉南海域主要測站1修補後示性波高週期及波向重要統計量統計表

觀測 日期 年、月	波高 H_s		H_s 最大	T_p	T_p	小波	小浪	中浪	大浪	T_p	T_p	T_p	T_p	波向	波向	波向	波向	波向	主波向
	蒐集 率	平均 (m)	(波高/週期/波向) (m/s/來向)	平均 (s)	最大 (s)	<0.5m (%)	~1.5m (%)	~3m (%)	>3m (%)	<6s (%)	6~8s (%)	8~10s (%)	>10s (%)	蒐集 率	N~E (%)	E~S (%)	S~W (%)	W~N (%)	(百分比) 來向/%
2017/12	100%	.66	1.6/ 6.2/sw	6.8	9.9	10.5	89.4	.1	.0	29.2	47.3	23.5	.0	100%	.0	.5	96.5	3.0	sw /43%
2018/01	100%	.57	3.3/ 6.8/s	6.7	9.8	24.6	75.3	.0	.1	34.8	46.0	19.2	.0	100%	.0	.7	96.1	3.2	sw /44%
2018/02	100%	.63	3.6/12.7/s	6.6	12.7	17.0	82.7	.1	.1	36.8	43.6	18.6	1.0	100%	.0	3.9	92.4	3.7	wsW/35%
2018/03	100%	.59	3.8/ 7.1/sw	6.0	9.5	29.6	70.2	.0	.3	51.2	44.4	4.4	.0	100%	.0	11.4	84.8	3.8	sw /32%
2018/04	100%	.48	1.3/ 4.5/SSE	5.1	14.0	56.5	43.5	.0	.0	84.2	13.1	1.8	1.0	100%	.0	13.9	80.1	6.0	sw /23%
2018/05	100%	.31	1.7/ 6.0/WNW	4.7	7.6	82.7	17.2	.1	.0	89.0	11.0	.0	.0	100%	1.1	9.7	72.8	16.4	w /20%
2018/06	100%	.95	3.3/ 7.6/sw	6.0	8.9	17.1	69.4	13.2	.3	46.4	51.0	2.6	.0	100%	1.8	.0	94.4	3.8	sw /47%
2018/07	100%	.97	1.8/ 7.0/NNW	7.7	9.6	5.5	90.5	4.0	.0	5.4	50.9	43.7	.0	100%	.0	2.0	95.7	2.3	ssW/50%
2018/08	100%	1.37	4.9/ 8.2/ssW	8.1	10.3	.4	55.9	42.7	.9	12.5	19.5	64.7	3.4	100%	.0	8.6	91.4	.0	s /51%
2018/09	100%	.76	4.8/11.7/ssW	6.8	15.8	27.6	66.0	4.0	2.4	33.1	47.9	13.3	5.7	100%	.1	4.6	86.0	9.3	ssW/36%
2018/10	100%	.58	1.7/14.3/wsw	5.9	14.3	33.5	66.4	.1	.0	58.2	34.5	6.2	1.1	100%	5.4	2.3	78.5	13.8	w /41%
2018/11	100%	.60	2.1/ 8.6/sw	6.3	38.1	25.7	73.8	.6	.0	58.5	31.3	5.7	4.6	100%	.0	1.1	88.1	10.8	sw /31%
2018/冬	100%	.62	3.6/12.7/s	6.7	12.7	17.4	82.5	.1	.1	33.5	45.7	20.5	.3	100%	.0	1.6	95.1	3.3	sw /40%
2018/春	100%	.46	3.8/ 7.1/sw	5.3	14.0	56.3	43.6	.0	.1	74.7	22.9	2.1	.3	100%	.4	11.6	79.3	8.7	sw /24%
2018/夏	100%	1.10	4.9/ 8.2/ssW	7.3	10.3	7.6	72.0	20.1	.4	21.2	40.4	37.4	1.1	100%	.6	3.6	93.8	2.0	ssW/39%
2018/秋	100%	.65	4.8/11.7/ssW	6.3	38.1	29.0	68.7	1.6	.8	50.0	37.9	8.4	3.8	100%	1.9	2.7	84.1	11.4	wsW/29%
2018/年	100%	.71	4.9/ 8.2/ssW	6.4	38.1	27.6	66.6	5.5	.3	44.9	36.7	17.1	1.4	100%	.7	4.9	88.0	6.3	sw /27%

表2.1.3 2018年嘉南海域主要測站2修補後示性波高週期及波向重要統計量統計表

觀測日期	波高 蒐集率	H_s 平均 (m)	H_s 最大 (波高/週期/波向) (m/s/來向)	T_p 平均 (s)	T_p 最大 (s)	小波 <0.5m (%)	小浪 ~1.5m (%)	中浪 ~3m (%)	大浪 >3m (%)	T_p <6s (%)	T_p 6~8s (%)	T_p 8~10s (%)	T_p >10s (%)	波向 蒐集率	波向 N~E (%)	波向 E~S (%)	波向 S~W (%)	波向 W~N (%)	主波向 (百分比) 來向/%
2017/12	100%	.78	1.5/10.3/WNW	8.3	11.9	15.9	84.0	.1	.0	8.2	23.8	56.7	11.3	100%	.1	.0	.1	99.7	WNW/60%
2018/01	100%	.63	1.5/10.3/NW	7.7	10.9	33.1	66.9	.0	.0	10.2	39.5	46.9	3.4	100%	.5	.0	.8	98.7	WNW/71%
2018/02	100%	.61	1.2/ 9.3/WNW	7.7	10.3	42.9	57.1	.0	.0	10.7	36.3	51.8	1.2	100%	1.2	.0	5.7	93.2	WNW/65%
2018/03	100%	.44	1.1/ 9.5/NW	6.7	11.3	69.6	30.4	.0	.0	25.8	49.7	22.6	1.9	100%	.4	.0	15.9	83.7	WNW/56%
2018/04	100%	.36	1.3/11.0/NNW	5.8	13.7	81.9	18.1	.0	.0	49.6	37.2	9.4	3.8	100%	1.0	.8	29.6	68.6	WNW/43%
2018/05	100%	.27	1.2/28.0/WNW	5.1	34.3	90.6	9.4	.0	.0	67.6	17.2	12.4	2.8	100%	3.1	3.6	39.5	53.8	W /31%
2018/06	100%	.58	2.0/ 9.4/WSW	7.4	9.9	44.0	54.7	1.3	.0	13.8	42.5	43.8	.0	100%	.0	.0	70.8	29.2	W /52%
2018/07	100%	.64	1.9/ 3.1/WSW	7.8	10.1	19.6	80.2	.1	.0	8.6	34.9	56.3	.1	100%	.0	.0	86.2	13.8	W /68%
2018/08	100%	.82	3.8/ 3.3/W	8.1	10.6	15.6	80.9	3.2	.3	12.9	15.3	66.3	5.5	100%	.0	.0	95.4	4.6	W /53%
2018/09	100%	.70	2.8/11.8/WSW	7.5	17.1	39.3	57.5	3.2	.0	20.7	32.1	40.1	7.1	100%	1.4	.0	40.0	58.6	W /36%
2018/10	100%	.41	1.2/ 3.8/NNW	7.6	39.6	63.0	37.0	.0	.0	33.6	26.7	23.7	16.0	100%	5.8	9.0	12.0	73.3	WNW/45%
2018/11	100%	.58	1.4/ 9.9/WNW	6.9	11.0	43.9	56.1	.0	.0	24.4	42.6	31.5	1.4	100%	.4	.0	.0	99.6	WNW/53%
2018/冬	100%	.67	1.5/10.3/WNW	7.9	11.9	30.2	69.8	.0	.0	9.7	33.1	51.8	5.4	100%	.6	.0	2.1	97.3	WNW/65%
2018/春	100%	.36	1.3/11.0/NNW	5.9	34.3	80.7	19.3	.0	.0	47.6	34.7	14.9	2.8	100%	1.5	1.5	28.3	68.7	WNW/43%
2018/夏	100%	.68	3.8/ 3.3/W	7.8	10.6	26.2	72.1	1.5	.1	11.7	30.8	55.6	1.9	100%	.0	.0	84.3	15.7	W /57%
2018/秋	100%	.56	2.8/11.8/WSW	7.3	39.6	48.9	50.0	1.1	.0	26.3	33.7	31.7	8.2	100%	2.6	3.1	17.3	77.1	WNW/42%
2018/年	100%	.57	3.8/ 3.3/W	7.2	39.6	46.6	52.7	.7	.0	23.9	33.1	38.4	4.6	100%	1.2	1.1	33.2	64.5	WNW/39%

Wave H_s in Chia-Nan Seas of CNX0 at 2018

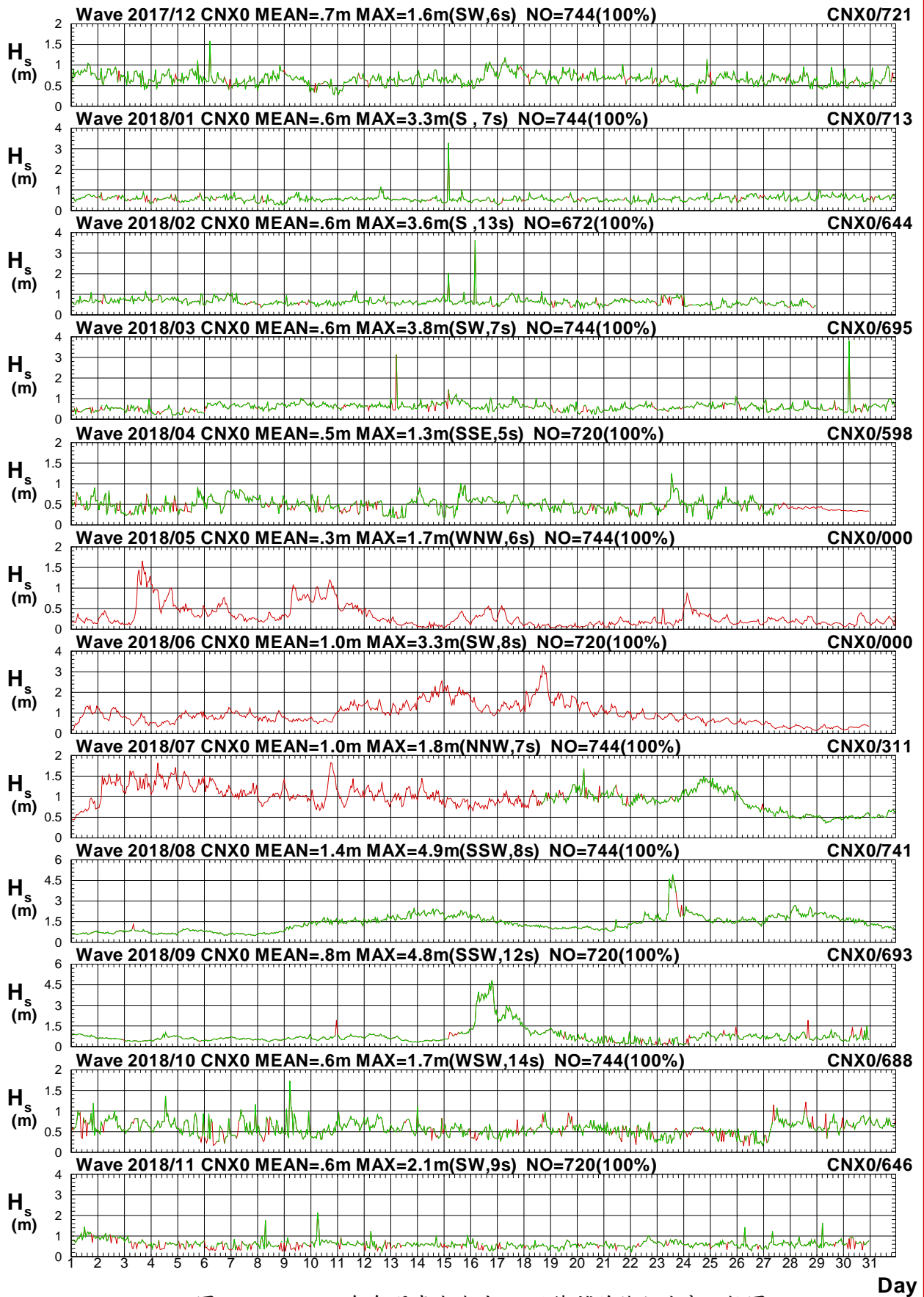


圖2.1.1a 2018年每月嘉南海域 X 站修補前後之波高比較圖

V17CCNX0.1HA V17CCNX0.1H0 V181CNX0.1HA V181CNX0.1H0 V182CNX0.1HA V182CNX0.1H0
 V183CNX0.1HA V183CNX0.1H0 V184CNX0.1HA V184CNX0.1H0 V185CNX0.1HA V185CNX0.1H0

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Wave T_p in Chia-Nan Seas of CNX0 at 2018

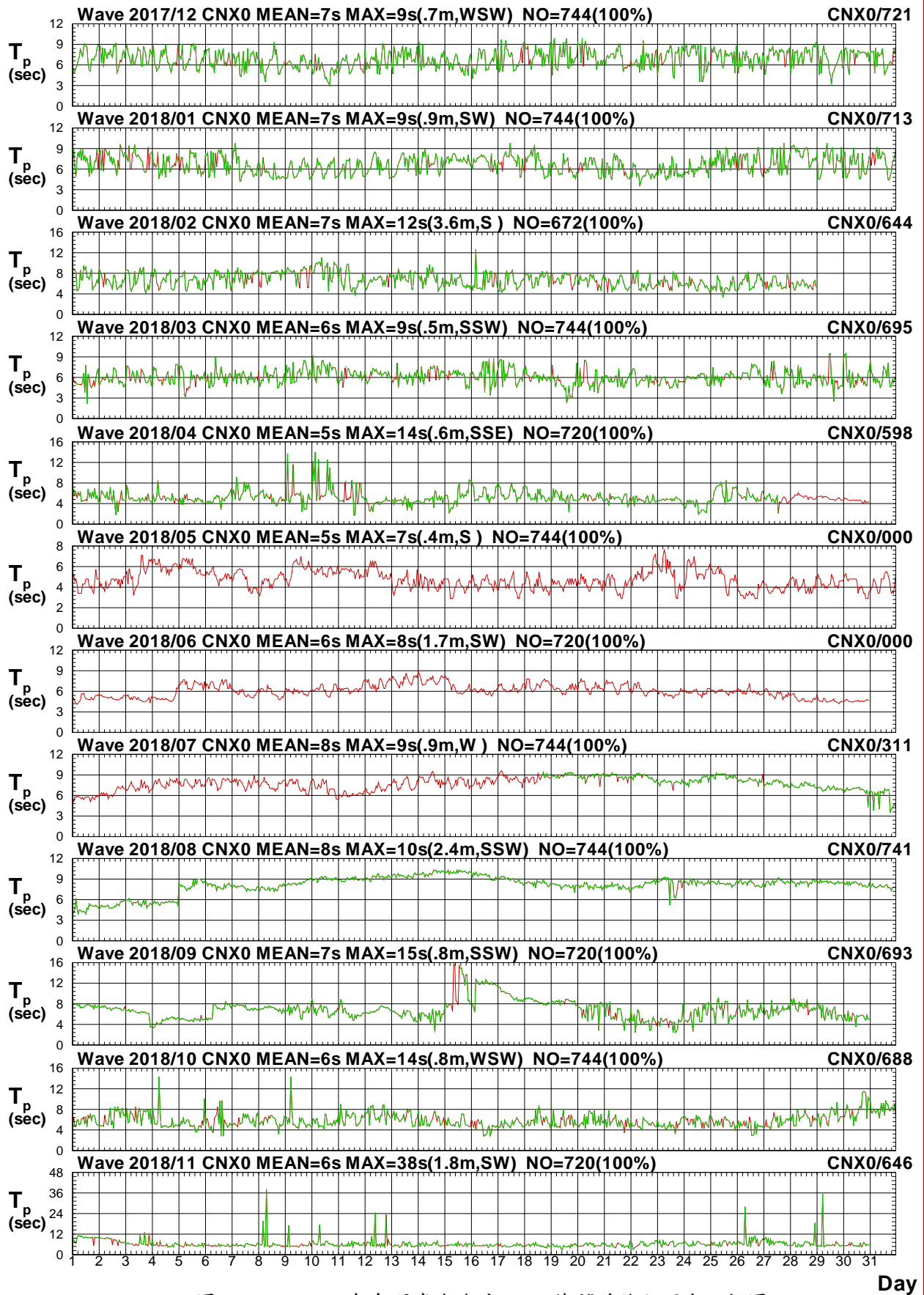


圖2.1.1b 2018年每月嘉南海域 X 站修補前後之週期比較圖

V17CCNX0.1HA V17CCNX0.1H0 V181CNX0.1HA V181CNX0.1H0 V182CNX0.1HA V182CNX0.1H0
 V183CNX0.1HA V183CNX0.1H0 V184CNX0.1HA V184CNX0.1H0 V185CNX0.1HA V185CNX0.1H0

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Wave Direction in Chia-Nan Seas of CNX0 at 2018

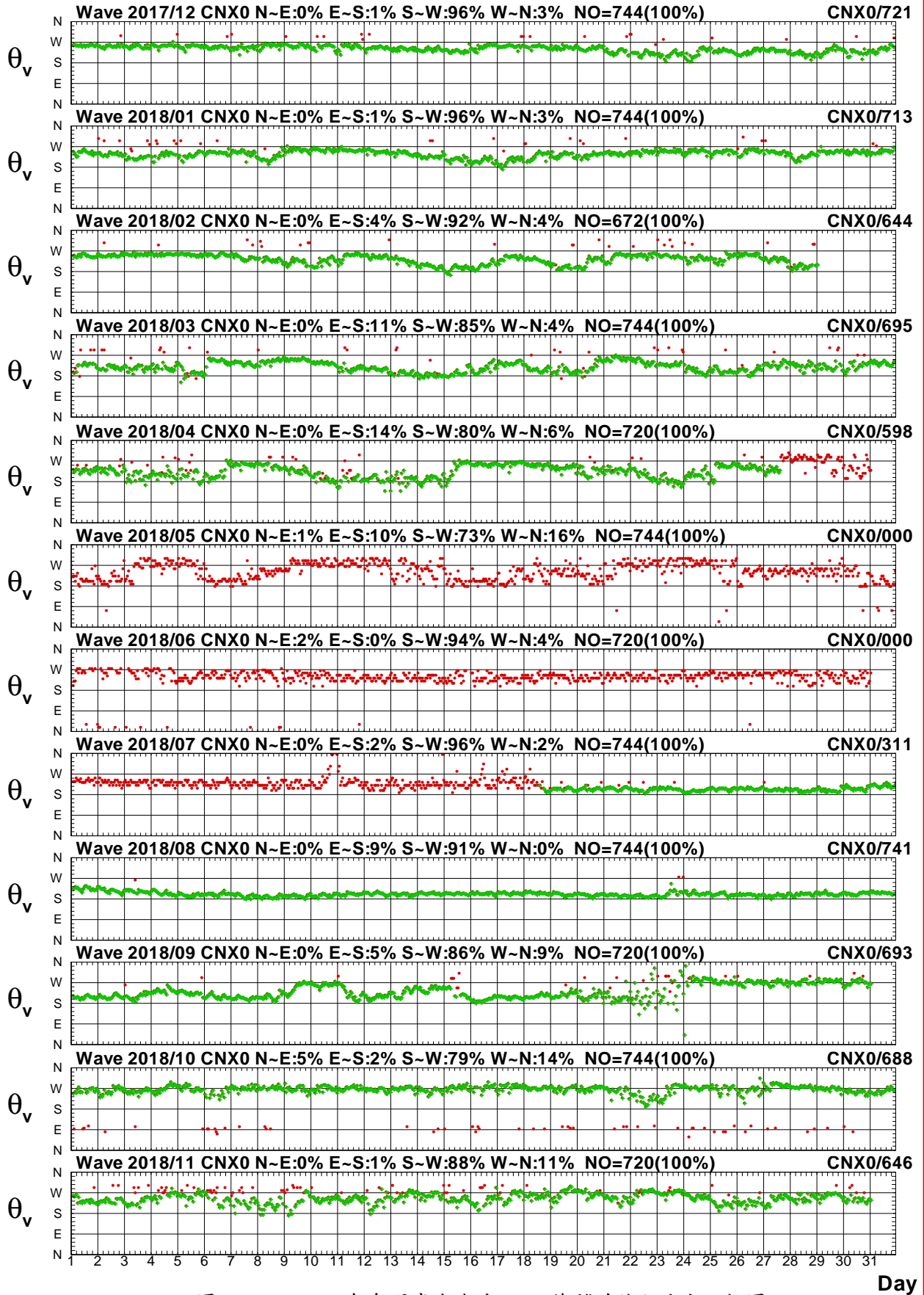


圖2.1.1c 2018年每月嘉南海域 X 站修補前後之波向比較圖

V17CCNX0.1HA V17CCNX0.1H0 V181CNX0.1HA V181CNX0.1H0 V182CNX0.1HA V182CNX0.1H0
 V183CNX0.1HA V183CNX0.1H0 V184CNX0.1HA V184CNX0.1H0 V185CNX0.1HA V185CNX0.1H0

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Wave H_s in Chia-Nan Seas of CNA0 at 2018

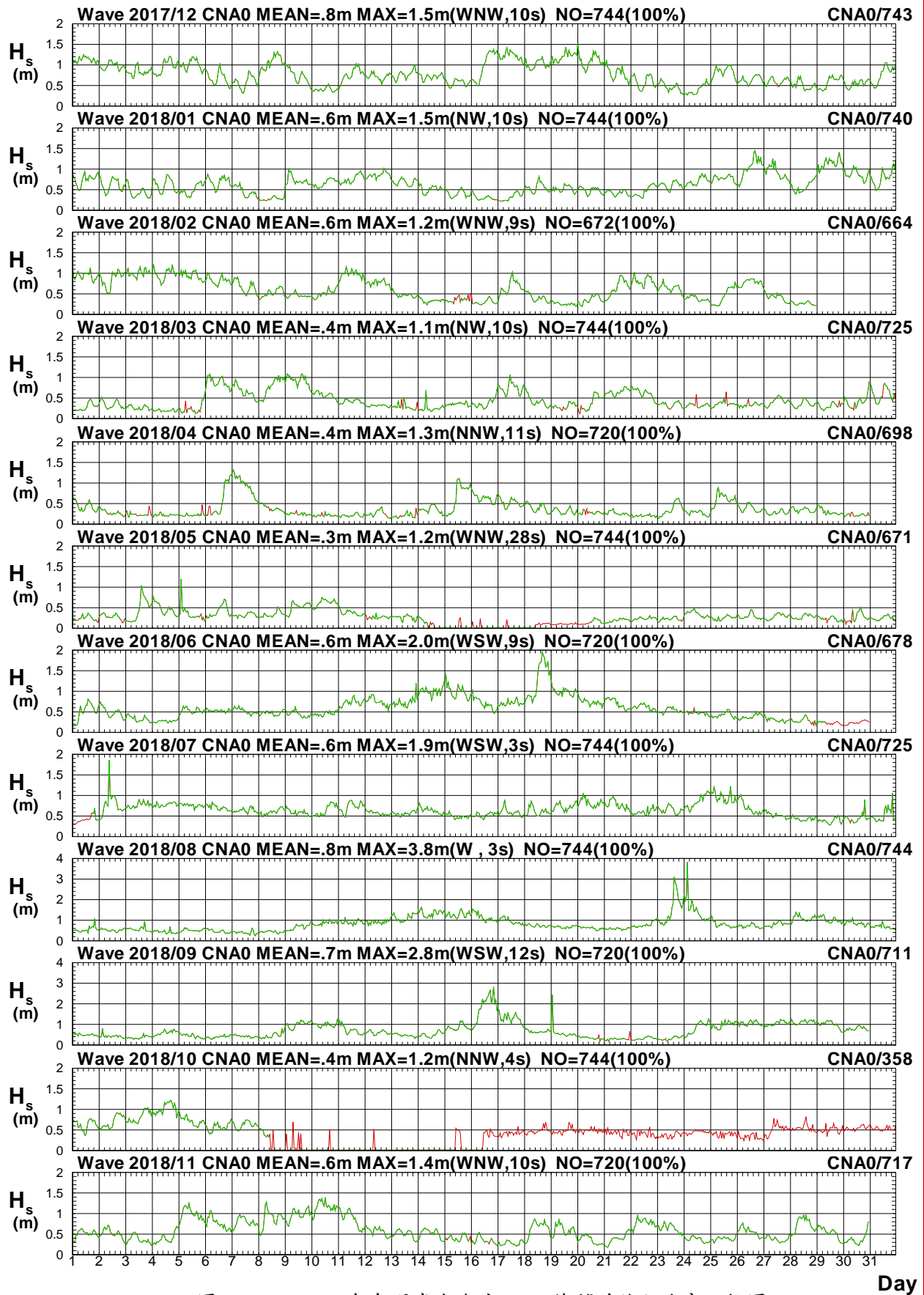


圖2.1.2a 2018年每月嘉南海域 A 站修補前後之波高比較圖

V177CNA0.1HA V177CNA0.1H0 V181CNA0.1HA V181CNA0.1H0 V182CNA0.1HA V182CNA0.1H0
 V183CNA0.1HA V183CNA0.1H0 V184CNA0.1HA V184CNA0.1H0 V185CNA0.1HA V185CNA0.1H0

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Wave T_p in Chia-Nan Seas of CNA0 at 2018

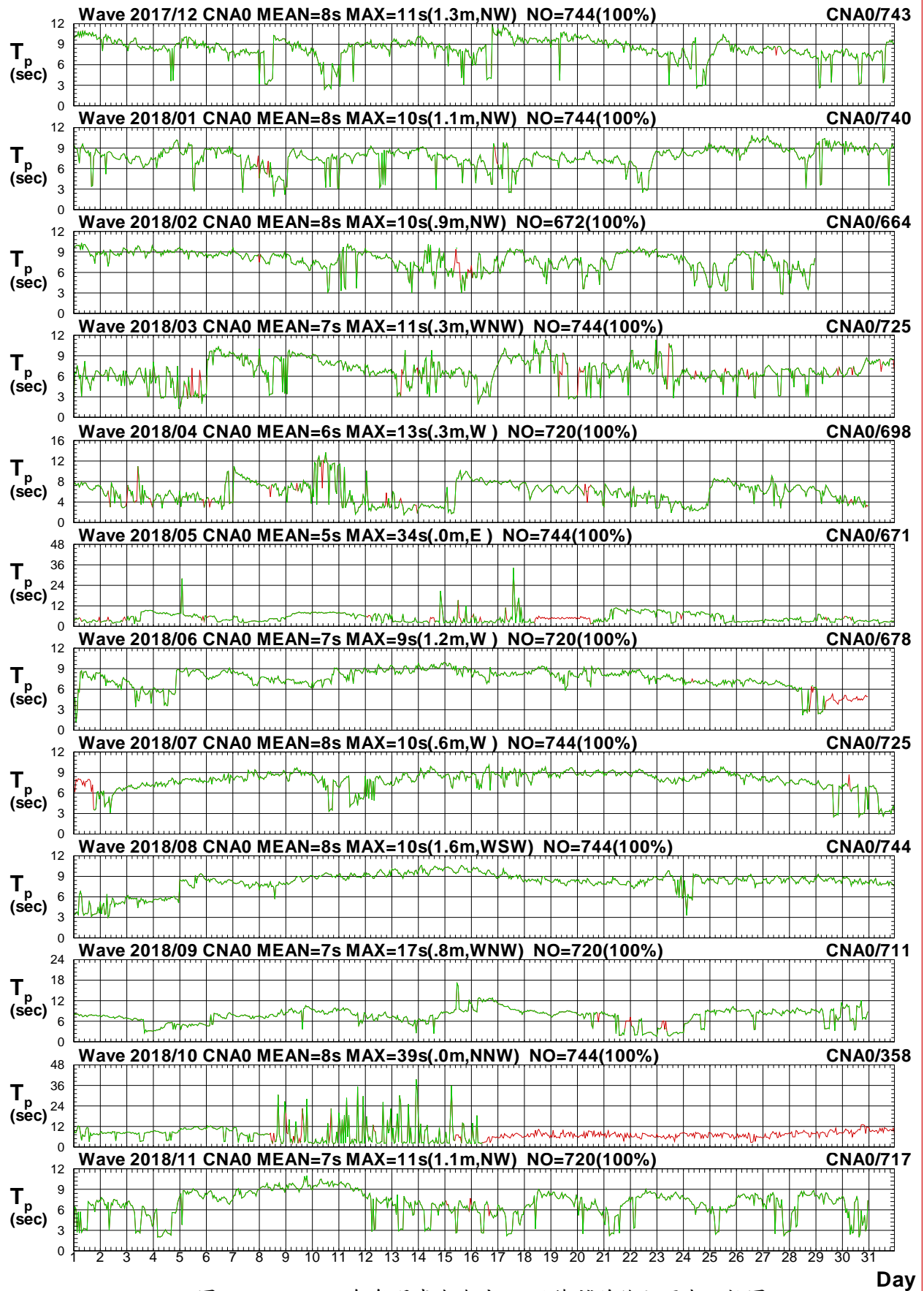


圖2.1.2b 2018年每月嘉南海域 A 站修補前後之週期比較圖

V17CCNA0.1HA V17CCNA0.1H0 V181CNA0.1HA V181CNA0.1H0 V182CNA0.1HA V182CNA0.1H0
 V183CNA0.1HA V183CNA0.1H0 V184CNA0.1HA V184CNA0.1H0 V185CNA0.1HA V185CNA0.1H0

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Wave Direction in Chia-Nan Seas of CNA0 at 2018

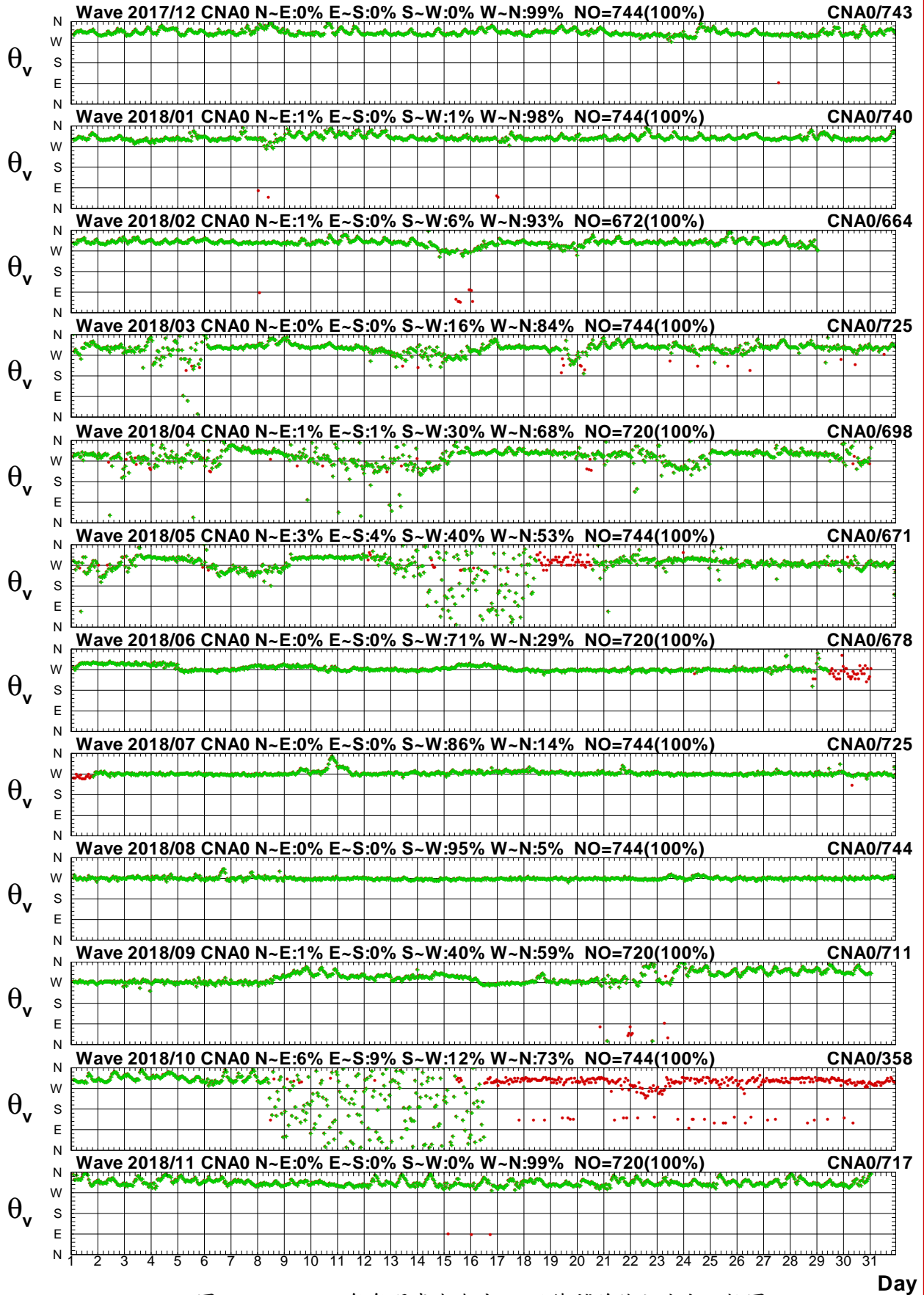


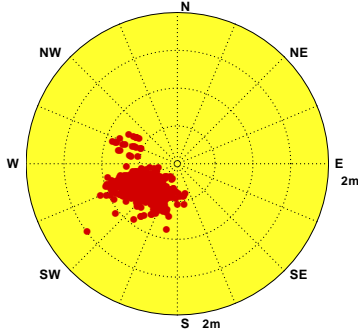
圖2.1.2c 2018年每月嘉南海域 A 站修補前後之波向比較圖

V177CNA0.1HA V177CNA0.1H0 V181CNA0.1HA V181CNA0.1H0 V182CNA0.1HA V182CNA0.1H0
 V183CNA0.1HA V183CNA0.1H0 V184CNA0.1HA V184CNA0.1H0 V185CNA0.1HA V185CNA0.1H0

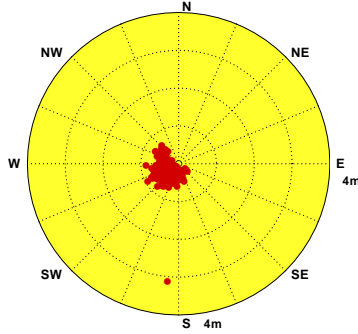
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Distribution of H_s Vectors

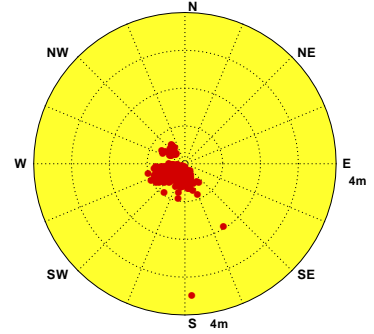
Wave of CNX0 at 2017/12 NO=744(100%)
 Hs : MEAN=.7m MAX=1.6m(SW,6s)
 N-E:0% E-S:1% S-W:96% W-N:3%



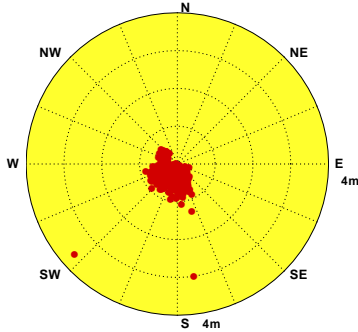
Wave of CNX0 at 2018/01 NO=744(100%)
 Hs : MEAN=.6m MAX=3.3m(S, 7s)
 N-E:0% E-S:1% S-W:96% W-N:3%



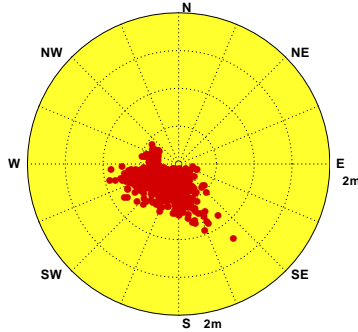
Wave of CNX0 at 2018/02 NO=672(100%)
 Hs : MEAN=.6m MAX=3.6m(S, 13s)
 N-E:0% E-S:4% S-W:92% W-N:4%



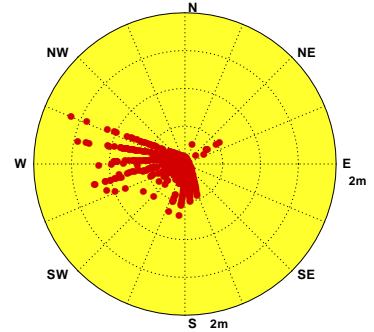
Wave of CNX0 at 2018/03 NO=744(100%)
 Hs : MEAN=.6m MAX=3.8m(SW,7s)
 N-E:0% E-S:11% S-W:85% W-N:4%



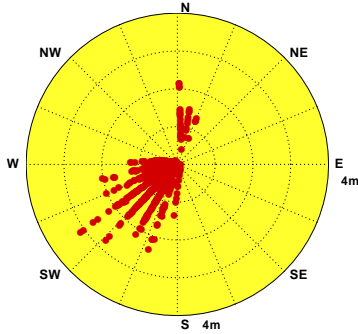
Wave of CNX0 at 2018/04 NO=720(100%)
 Hs : MEAN=.5m MAX=1.3m(SSE,5s)
 N-E:0% E-S:14% S-W:80% W-N:6%



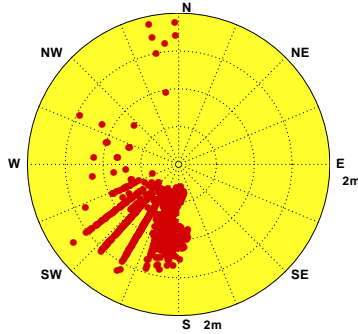
Wave of CNX0 at 2018/05 NO=744(100%)
 Hs : MEAN=.3m MAX=1.7m(WNW,6s)
 N-E:1% E-S:10% S-W:73% W-N:16%



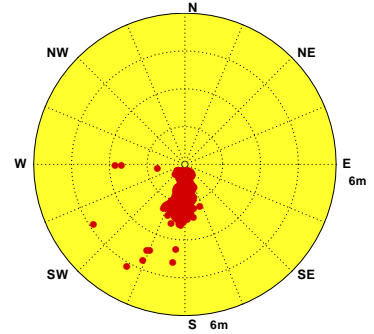
Wave of CNX0 at 2018/06 NO=720(100%)
 Hs : MEAN=1.0m MAX=3.3m(SW,8s)
 N-E:2% E-S:0% S-W:94% W-N:4%



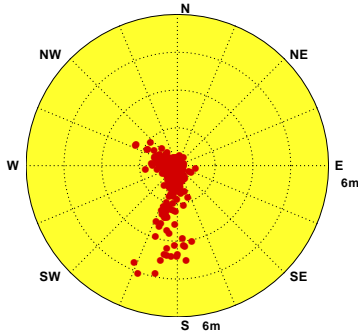
Wave of CNX0 at 2018/07 NO=744(100%)
 Hs : MEAN=1.0m MAX=1.8m(NNW,7s)
 N-E:0% E-S:2% S-W:96% W-N:2%



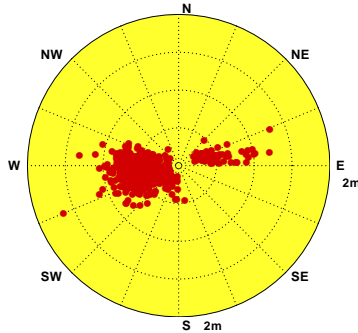
Wave of CNX0 at 2018/08 NO=744(100%)
 Hs : MEAN=1.4m MAX=4.9m(SSW,8s)
 N-E:0% E-S:9% S-W:91% W-N:0%



Wave of CNX0 at 2018/09 NO=720(100%)
 Hs : MEAN=.8m MAX=4.8m(SSW,12s)
 N-E:0% E-S:5% S-W:86% W-N:9%



Wave of CNX0 at 2018/10 NO=744(100%)
 Hs : MEAN=.6m MAX=1.7m(WSW,14s)
 N-E:5% E-S:2% S-W:79% W-N:14%



Wave of CNX0 at 2018/11 NO=720(100%)
 Hs : MEAN=.6m MAX=2.1m(SW,9s)
 N-E:0% E-S:1% S-W:88% W-N:11%

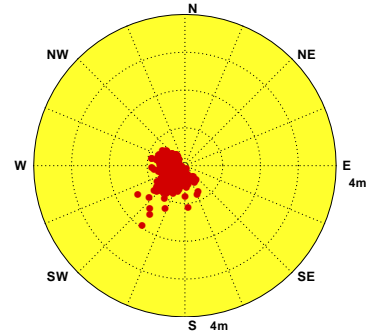


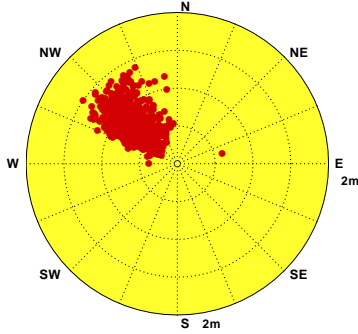
圖2.1.3 2018年嘉南海域每月 X 站修補後觀測波高向量分佈圖

V17CCNX0.1HA V181CNX0.1HA V182CNX0.1HA V183CNX0.1HA V184CNX0.1HA V185CNX0.1HA
 V186CNX0.1HA V187CNX0.1HA V188CNX0.1HA V189CNX0.1HA V18ACNX0.1HA V18BCNX0.1HA

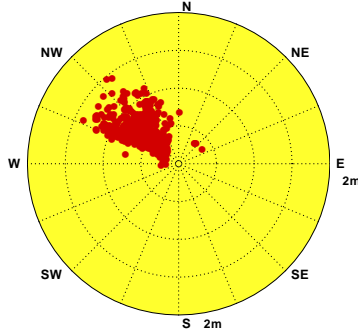
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Distribution of H_s Vectors

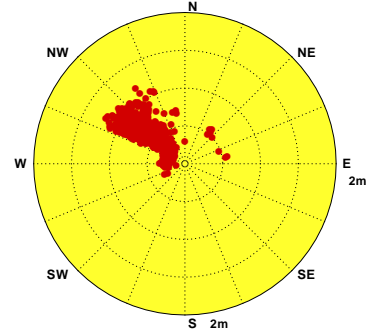
Wave of CNA0 at 2017/12 NO=744(100%)
Hs : MEAN=.8m MAX=1.5m(WNW,10s)
N-E:0% E-S:0% S-W:0% W-N:99%



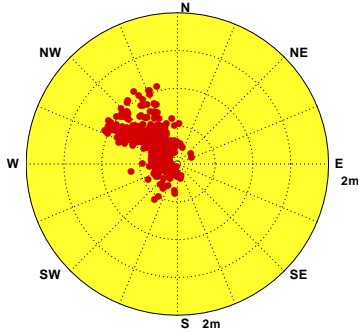
Wave of CNA0 at 2018/01 NO=744(100%)
Hs : MEAN=.6m MAX=1.5m(NW,10s)
N-E:1% E-S:0% S-W:1% W-N:98%



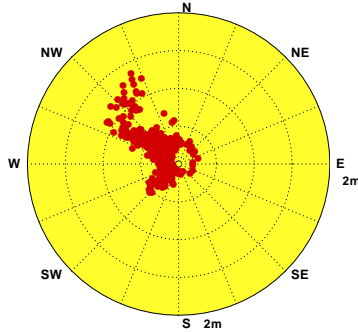
Wave of CNA0 at 2018/02 NO=672(100%)
Hs : MEAN=.6m MAX=1.2m(WNW,9s)
N-E:1% E-S:0% S-W:6% W-N:93%



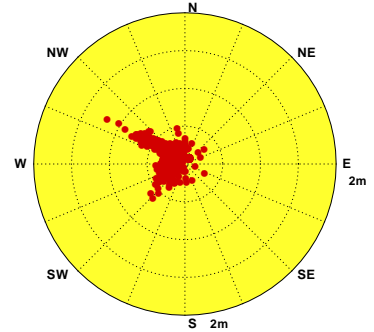
Wave of CNA0 at 2018/03 NO=744(100%)
Hs : MEAN=.4m MAX=1.1m(NW,10s)
N-E:0% E-S:0% S-W:16% W-N:84%



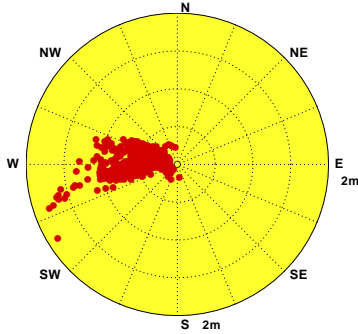
Wave of CNA0 at 2018/04 NO=720(100%)
Hs : MEAN=.4m MAX=1.3m(NNW,11s)
N-E:1% E-S:1% S-W:30% W-N:68%



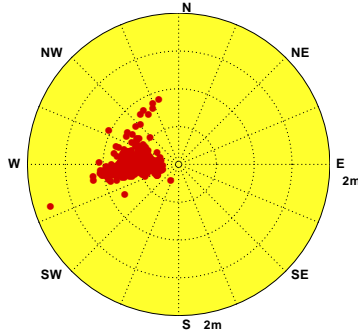
Wave of CNA0 at 2018/05 NO=744(100%)
Hs : MEAN=.3m MAX=1.2m(WNW,28s)
N-E:3% E-S:4% S-W:40% W-N:53%



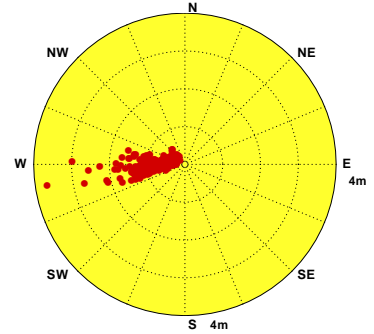
Wave of CNA0 at 2018/06 NO=720(100%)
Hs : MEAN=.6m MAX=2.0m(WSW,9s)
N-E:0% E-S:0% S-W:71% W-N:29%



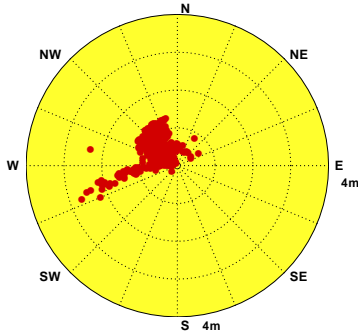
Wave of CNA0 at 2018/07 NO=744(100%)
Hs : MEAN=.6m MAX=1.9m(WSW,3s)
N-E:0% E-S:0% S-W:86% W-N:14%



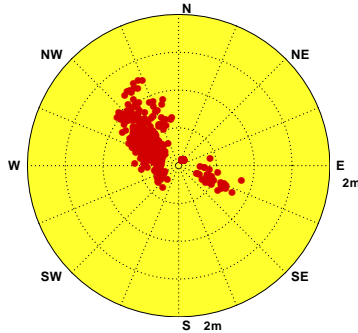
Wave of CNA0 at 2018/08 NO=744(100%)
Hs : MEAN=.8m MAX=3.8m(W, 3s)
N-E:0% E-S:0% S-W:95% W-N:5%



Wave of CNA0 at 2018/09 NO=720(100%)
Hs : MEAN=.7m MAX=2.8m(WSW,12s)
N-E:1% E-S:0% S-W:40% W-N:59%



Wave of CNA0 at 2018/10 NO=744(100%)
Hs : MEAN=.4m MAX=1.2m(NNW,4s)
N-E:6% E-S:9% S-W:12% W-N:73%



Wave of CNA0 at 2018/11 NO=720(100%)
Hs : MEAN=.6m MAX=1.4m(WNW,10s)
N-E:0% E-S:0% S-W:0% W-N:99%

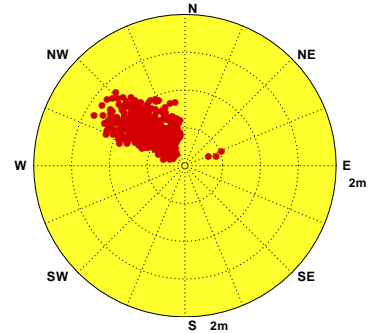


圖2.1.4 2018年嘉南海域每月 A 站修補後觀測波高向量分佈圖

V17CCNA0.1HA V181CNA0.1HA V182CNA0.1HA V183CNA0.1HA V184CNA0.1HA V185CNA0.1HA
V186CNA0.1HA V187CNA0.1HA V188CNA0.1HA V189CNA0.1HA V18ACNA0.1HA V18BCNA0.1HA

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2.2 2018 年嘉南海域各測站修補前 波浪統計量統計表

表2.2.1 2018年嘉南海域 X 站修補前示性波高週期及波向重要統計量統計表

觀測 日期 年、月	波高 H_s		H_s 最大		T_p	T_p	小波	小浪	中浪	大浪	T_p	T_p	T_p	T_p	波向	波向	波向	波向	波向	主波向
	蒐集 率	平均 (m)	(波高/週期/波向) (m/s/來向)		平均 (s)	最大 (s)	<0.5m (%)	~1.5m (%)	~3m (%)	>3m (%)	<6s (%)	6~8s (%)	8~10s (%)	>10s (%)	蒐集 率	N~E (%)	E~S (%)	S~W (%)	W~N (%)	(百分比) 來向/%
2017/12	97%	.66	1.6/	6.2/sw	6.9	9.9	10.8	89.0	.1	.0	28.3	47.4	24.3	.0	97%	.0	.6	99.4	.0	sw /44%
2018/01	96%	.57	3.3/	6.8/s	6.7	9.8	24.4	75.5	.0	.1	34.8	45.2	20.1	.0	96%	.0	.7	99.3	.0	sw /45%
2018/02	96%	.64	3.6/	12.7/s	6.7	12.7	15.4	84.3	.2	.2	34.5	45.0	19.4	1.1	96%	.0	4.0	96.0	.0	wsW/36%
2018/03	93%	.60	3.8/	7.1/sw	6.0	9.5	26.6	73.1	.0	.3	47.8	47.5	4.7	.0	93%	.0	10.8	89.2	.0	sw /35%
2018/04	83%	.50	1.3/	4.5/SSE	5.2	14.0	48.2	51.8	.0	.0	81.1	15.6	2.2	1.2	83%	.0	16.6	83.4	.0	sw /25%
2018/05	0																			
2018/06	0																			
2018/07	42%	.84	1.7/	8.9/ssw	7.9	9.4	11.9	87.8	.3	.0	2.9	41.2	55.9	.0	42%	.0	4.2	95.8	.0	ssw/60%
2018/08	100%	1.37	4.9/	8.2/ssw	8.1	10.3	.4	56.0	42.6	.9	12.4	19.3	64.9	3.4	100%	.0	8.6	91.4	.0	s /51%
2018/09	96%	.76	4.8/	11.7/ssw	6.8	15.8	27.1	66.5	3.9	2.5	32.5	48.3	13.3	5.9	96%	.1	4.8	88.2	6.9	ssw/37%
2018/10	93%	.58	1.7/	14.3/wsw	5.8	14.3	30.8	69.0	.1	.0	61.0	31.1	6.7	1.2	93%	.0	.1	84.9	15.0	w /44%
2018/11	90%	.63	2.1/	8.6/sw	6.4	38.1	18.4	81.0	.6	.0	53.7	34.8	6.3	5.1	90%	.0	1.2	94.6	4.2	sw /35%
2018/冬	96%	.63	3.6/	12.7/s	6.8	12.7	16.9	82.9	.1	.1	32.4	45.9	21.3	.3	96%	.0	1.7	98.3	.0	sw /42%
2018/春	59%	.56	3.8/	7.1/sw	5.7	14.0	36.6	63.3	.0	.2	63.2	32.7	3.6	.5	59%	.0	13.5	86.5	.0	sw /30%
2018/夏	48%	1.21	4.9/	8.2/ssw	8.1	10.3	3.8	65.4	30.1	.7	9.6	25.8	62.3	2.4	48%	.0	7.3	92.7	.0	ssw/50%
2018/秋	93%	.66	4.8/	11.7/ssw	6.4	38.1	25.6	72.0	1.6	.8	48.9	38.2	8.8	4.0	93%	.0	2.1	89.1	8.8	wsW/31%
2018/年	74%	.72	4.9/	8.2/ssw	6.6	38.1	21.4	72.7	5.4	.4	40.1	37.6	20.5	1.9	74%	.0	5.1	92.1	2.8	sw /26%

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表2.2.2 2018年嘉南海域 A 站修補前示性波高週期及波向重要統計量統計表

觀測日期	波高 蒐集率	H_s 平均 (m)	H_s 最大 (波高/週期/波向) (m/s/來向)	T_p 平均 (s)	T_p 最大 (s)	小波 <0.5m (%)	小浪 ~1.5m (%)	中浪 ~3m (%)	大浪 >3m (%)	T_p <6s (%)	T_p 6~8s (%)	T_p 8~10s (%)	T_p >10s (%)	波向 蒐集率	波向 N~E (%)	波向 E~S (%)	波向 S~W (%)	波向 W~N (%)	主波向 (百分比) 來向/%
2017/12	100%	.78	1.5/10.3/WNW	8.3	11.9	15.9	84.0	.1	.0	8.2	23.7	56.8	11.3	100%	.0	.0	.1	99.9	WNW/60%
2018/01	100%	.63	1.5/10.3/NW	7.7	10.9	32.7	67.3	.0	.0	10.3	39.2	47.2	3.4	100%	.0	.0	.8	99.2	WNW/71%
2018/02	99%	.61	1.2/ 9.3/WNW	7.7	10.3	42.3	57.7	.0	.0	10.8	35.5	52.4	1.2	99%	.0	.0	5.7	94.3	WNW/66%
2018/03	97%	.44	1.1/ 9.5/NW	6.7	11.3	69.2	30.8	.0	.0	26.3	48.6	23.2	1.9	97%	.4	.0	13.7	85.9	WNW/57%
2018/04	97%	.36	1.3/11.0/NNW	5.8	13.7	81.4	18.6	.0	.0	48.7	37.7	9.7	3.9	97%	1.0	.9	27.8	70.3	WNW/44%
2018/05	90%	.28	1.2/28.0/WNW	5.1	34.3	89.6	10.4	.0	.0	64.5	18.6	13.7	3.1	90%	3.4	4.0	39.2	53.4	WNW/31%
2018/06	94%	.60	2.0/ 9.4/WSW	7.6	9.9	40.6	58.1	1.3	.0	8.6	45.0	46.5	.0	94%	.0	.0	69.6	30.4	W /53%
2018/07	97%	.64	1.9/ 3.1/WSW	7.8	10.1	17.7	82.2	.1	.0	8.8	34.2	56.8	.1	97%	.0	.0	85.8	14.2	W /69%
2018/08	100%	.82	3.8/ 3.3/W	8.1	10.6	15.6	80.9	3.2	.3	12.9	15.3	66.3	5.5	100%	.0	.0	95.4	4.6	W /53%
2018/09	99%	.71	2.8/11.8/WSW	7.5	17.1	38.7	58.1	3.2	.0	20.8	31.4	40.6	7.2	99%	.3	.0	40.5	59.2	W /37%
2018/10	48%	.36	1.2/ 3.8/NNW	7.9	39.6	56.1	43.9	.0	.0	39.7	12.3	20.7	27.4	48%	11.7	10.1	14.8	63.4	WNW/28%
2018/11	100%	.59	1.4/ 9.9/WNW	6.9	11.0	43.7	56.3	.0	.0	24.4	42.5	31.7	1.4	100%	.0	.0	.0	100.0	WNW/53%
2018/冬	99%	.67	1.5/10.3/WNW	7.9	11.9	29.9	70.1	.0	.0	9.7	32.7	52.1	5.4	99%	.0	.0	2.1	97.9	WNW/66%
2018/春	95%	.36	1.3/11.0/NNW	5.9	34.3	79.8	20.2	.0	.0	46.0	35.3	15.7	3.0	95%	1.6	1.6	26.6	70.3	WNW/44%
2018/夏	97%	.69	3.8/ 3.3/W	7.9	10.6	24.2	74.1	1.6	.1	10.2	31.1	56.8	2.0	97%	.0	.0	84.0	16.0	W /59%
2018/秋	82%	.59	2.8/11.8/WSW	7.3	39.6	44.2	54.5	1.3	.0	26.0	32.0	33.0	8.9	82%	2.5	2.0	19.1	76.4	WNW/38%
2018/年	93%	.58	3.8/ 3.3/W	7.3	39.6	44.3	55.0	.7	.0	22.7	32.8	39.8	4.6	93%	.9	.8	33.6	64.6	WNW/38%

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表2.2.3 2018年嘉南海域 Y 站修補前示性波高週期及波向重要統計量統計表

觀測日期	波高 蒐集率	H_s 平均 (m)	H_s 最大 (波高/週期/波向) (m/s/來向)	T_p 平均 (s)	T_p 最大 (s)	小波 <0.5m (%)	小浪 ~1.5m (%)	中浪 ~3m (%)	大浪 >3m (%)	T_p <6s (%)	T_p 6~8s (%)	T_p 8~10s (%)	T_p >10s (%)	波向 蒐集率	波向 N~E (%)	波向 E~S (%)	波向 S~W (%)	波向 W~N (%)	主波向 (百分比) 來向/%
2017/12	96%	1.34	2.9/ 6.0/N	4.8	6.3	1.7	63.0	35.3	.0	98.0	2.0	.0	.0	96%	23.0	.1	.8	76.1	NNW/54%
2018/01	96%	1.15	2.6/ 5.8/NNW	4.6	6.0	4.8	75.9	19.3	.0	99.9	.1	.0	.0	96%	26.4	.0	1.1	72.4	NNW/52%
2018/02	97%	1.12	2.3/ 5.9/N	4.6	6.2	12.6	60.8	26.6	.0	99.7	.3	.0	.0	97%	27.5	.0	9.4	63.1	NNW/47%
2018/03	98%	.78	2.4/ 5.2/N	4.5	5.9	30.7	63.1	6.2	.0	100.0	.0	.0	.0	98%	24.3	.0	20.2	55.6	NNW/34%
2018/04	98%	.55	2.7/ 5.8/N	4.2	5.8	64.2	31.2	4.7	.0	100.0	.0	.0	.0	98%	13.1	.1	36.1	50.6	NNW/26%
2018/05	98%	.36	1.6/ 4.7/NNW	4.0	5.4	79.9	20.0	.1	.0	100.0	.0	.0	.0	98%	7.2	.8	51.5	40.5	SSW/18%
2018/06	98%	.92	3.2/ 6.7/SW	5.3	8.2	18.0	70.2	11.5	.3	76.3	23.6	.1	.0	98%	5.7	.0	77.3	17.0	SW /45%
2018/07	99%	.86	1.7/ 5.1/N	5.6	7.5	11.1	87.7	1.2	.0	68.8	31.2	.0	.0	99%	.8	.0	94.3	4.9	SW /62%
2018/08	99%	1.21	3.5/ 6.3/SW	6.0	8.6	5.6	66.1	28.0	.3	46.1	50.8	3.1	.0	99%	.0	.0	97.7	2.3	SW /60%
2018/09	99%	.96	4.5/10.0/SSW	5.1	10.0	31.3	47.8	19.1	1.8	83.6	13.5	2.8	.1	99%	12.9	.0	46.5	40.6	SW /26%
2018/10	98%	1.02	2.4/ 5.6/N	4.6	6.1	8.8	77.4	13.8	.0	99.5	.5	.0	.0	98%	26.5	.0	.3	73.2	NNW/50%
2018/11	98%	.86	2.4/ 5.6/N	4.4	5.9	17.9	72.6	9.4	.0	100.0	.0	.0	.0	98%	31.1	.0	2.6	66.4	NNW/40%
2018/冬	96%	1.21	2.9/ 6.0/N	4.6	6.3	6.2	66.8	27.1	.0	99.2	.8	.0	.0	96%	25.6	.0	3.6	70.8	NNW/51%
2018/春	98%	.56	2.7/ 5.8/N	4.2	5.9	58.2	38.2	3.7	.0	100.0	.0	.0	.0	98%	14.9	.3	35.9	48.9	NNW/26%
2018/夏	99%	1.00	3.5/ 6.3/SW	5.6	8.6	11.5	74.7	13.6	.2	63.5	35.4	1.1	.0	99%	2.1	.0	89.9	7.9	SW /56%
2018/秋	98%	.95	4.5/10.0/SSW	4.7	10.0	19.3	66.0	14.1	.6	94.4	4.7	.9	.0	98%	23.5	.0	16.4	60.1	NNW/36%
2018/年	98%	.93	4.5/10.0/SSW	4.8	10.0	23.9	61.4	14.5	.2	89.1	10.4	.5	.0	98%	16.4	.1	36.9	46.6	NNW/28%

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表2.2.4 2018年嘉南海域Z站修補前示性波高週期及波向重要統計量統計表

觀測 日期 年、月	波高 蒐集 率	H_s 平均 (m)	H_s 最大 (波高/週期/波向) (m/s/來向)	T_p 平均 (s)	T_p 最大 (s)	小波 <0.5m (%)	小浪 ~1.5m (%)	中浪 ~3m (%)	大浪 >3m (%)	T_p <6s (%)	T_p 6~8s (%)	T_p 8~10s (%)	T_p >10s (%)	波向 蒐集 率	波向 N~E (%)	波向 E~S (%)	波向 S~W (%)	波向 W~N (%)	主波向 (百分比) 來向/%
2017/12	99%	1.65	3.3/ 4.7/NW	4.2	5.4	1.2	39.3	58.0	1.5	100.0	.0	.0	.0	99%	.0	.1	1.4	98.5	NW /80%
2018/01	99%	1.35	3.0/ 5.4/NNW	3.9	5.4	4.8	55.0	40.2	.0	100.0	.0	.0	.0	99%	.4	.0	3.4	96.2	NW /73%
2018/02	98%	1.35	2.8/ 5.0/NW	3.9	5.4	13.0	46.7	40.3	.0	100.0	.0	.0	.0	98%	2.3	.0	7.5	90.2	NW /68%
2018/03	15%	.53	1.1/ 3.6/NW	2.8	4.4	64.8	35.2	.0	.0	100.0	.0	.0	.0	15%	8.3	.9	37.0	53.7	NW /30%
2018/04	0																		
2018/05	0																		
2018/06	98%	.69	2.5/ 5.2/NW	3.2	5.4	35.5	61.5	3.0	.0	100.0	.0	.0	.0	98%	5.1	.7	52.6	41.6	sw /29%
2018/07	98%	.63	1.6/ 4.2/NW	3.0	5.7	35.5	63.4	1.1	.0	100.0	.0	.0	.0	98%	5.3	1.9	61.6	31.1	sw /28%
2018/08	97%	.65	2.0/ 5.0/WSW	2.9	5.7	22.1	77.0	1.0	.0	100.0	.0	.0	.0	97%	4.4	.6	59.2	35.9	sw /30%
2018/09	98%	.98	2.6/ 4.7/NW	3.4	5.4	33.6	41.9	24.5	.0	100.0	.0	.0	.0	98%	4.5	.6	36.5	58.4	NW /35%
2018/10	97%	1.19	2.6/ 5.2/NW	3.9	6.0	9.5	61.2	29.2	.0	99.9	.1	.0	.0	97%	.6	.3	5.2	93.9	NW /71%
2018/11	97%	1.02	2.7/ 5.0/NW	3.6	5.4	14.3	72.0	13.7	.0	100.0	.0	.0	.0	97%	2.0	.1	6.8	91.0	NW /67%
2018/冬	98%	1.45	3.3/ 4.7/NW	4.0	5.4	6.1	47.0	46.4	.5	100.0	.0	.0	.0	98%	.8	.0	4.0	95.1	NW /74%
2018/春	5%	.53	1.1/ 3.6/NW	2.8	4.4	64.8	35.2	.0	.0	100.0	.0	.0	.0	5%	8.3	.9	37.0	53.7	NW /30%
2018/夏	98%	.66	2.5/ 5.2/NW	3.0	5.7	31.0	67.3	1.7	.0	100.0	.0	.0	.0	98%	5.0	1.1	57.8	36.1	sw /29%
2018/秋	98%	1.07	2.7/ 5.0/NW	3.6	6.0	19.0	58.4	22.6	.0	100.0	.0	.0	.0	98%	2.3	.3	16.1	81.2	NW /58%
2018/年	75%	1.05	3.3/ 4.7/NW	3.5	6.0	19.5	57.3	23.0	.2	100.0	.0	.0	.0	75%	2.8	.5	26.3	70.3	NW /47%

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表2.2.5 2018年嘉南海域 U 站修補前示性波高週期及波向重要統計量統計表

觀測日期	波高	H_s	H_s 最大	T_p	T_p	小波	小浪	中浪	大浪	T_p	T_p	T_p	T_p	波向	波向	波向	波向	波向	主波向
年、月	蒐集率	平均 (m)	(波高/週期/波向) (m/s/來向)	平均 (s)	最大 (s)	<0.5m (%)	~1.5m (%)	~3m (%)	>3m (%)	<6s (%)	6~8s (%)	8~10s (%)	>10s (%)	蒐集率 (%)	N~E (%)	E~S (%)	S~W (%)	W~N (%)	(百分比) 來向/%
2017/12	0																		
2018/01	0																		
2018/02	0																		
2018/03	0																		
2018/04	0																		
2018/05	27%	.33	.7/ 5.1/NNW	3.9	5.6	91.6	8.4	.0	.0	100.0	.0	.0	.0	27%	2.5	9.9	55.0	32.7	WSW/20%
2018/06	98%	1.14	3.5/ 6.7/SW	5.6	8.1	16.3	55.9	26.2	1.7	61.4	38.0	.6	.0	98%	.4	4.2	80.9	14.4	SSW/33%
2018/07	100%	1.08	1.9/ 6.3/WSW	5.7	7.8	4.6	84.2	11.2	.0	58.7	41.3	.0	.0	100%	1.9	2.7	88.1	7.3	SW /33%
2018/08	88%	1.49	4.5/ 6.7/SSW	6.2	8.5	.3	50.2	47.9	1.5	37.4	59.6	3.1	.0	88%	.0	2.3	93.1	4.6	SSW/38%
2018/09	0																		
2018/10	72%	.95	2.3/ 5.8/NNW	4.9	7.0	9.6	81.1	9.3	.0	94.8	5.2	.0	.0	72%	2.8	.7	3.0	93.5	NNW/59%
2018/11	100%	.77	2.0/ 6.8/S	4.7	6.8	15.7	79.5	4.7	.0	98.9	1.1	.0	.0	100%	3.6	3.1	14.2	79.1	NNW/36%
2018/冬	0																		
2018/春	9%	.33	.7/ 5.1/NNW	3.9	5.6	91.6	8.4	.0	.0	100.0	.0	.0	.0	9%	2.5	9.9	55.0	32.7	WSW/20%
2018/夏	95%	1.23	4.5/ 6.7/SSW	5.8	8.5	7.2	64.1	27.7	1.0	53.0	45.9	1.1	.0	95%	.8	3.1	87.2	8.9	SSW/34%
2018/秋	58%	.85	2.3/ 5.8/NNW	4.7	7.0	13.1	80.2	6.7	.0	97.1	2.9	.0	.0	58%	3.3	2.1	9.4	85.3	NNW/46%
2018/年	41%	1.04	4.5/ 6.7/SSW	5.3	8.5	14.1	66.6	18.7	.6	71.2	28.1	.7	.0	41%	1.8	3.1	57.9	37.2	SSW/21%

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2.3 2018 年嘉南海域**主要測站 1**(修補後)與 **其他測站**(修補前)波浪歷線比較圖

Wave H_s in Chia-Nan Seas of CNX0 at 2018

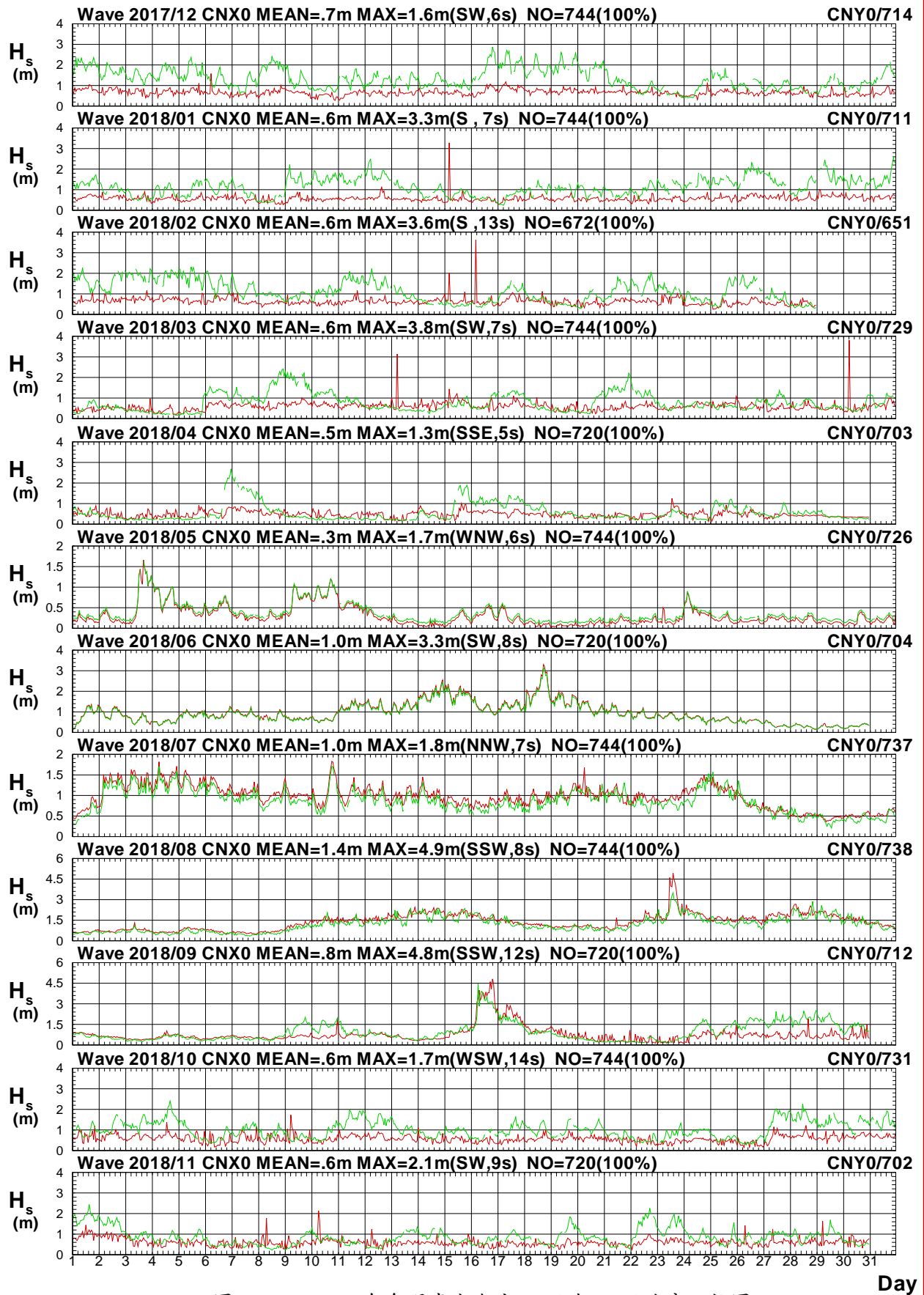


圖2.3.1a 2018年每月嘉南海域 X 站與 Y 站波高比較圖

V17CCNX0.1HA V17CCNY0.1H0 V181CNX0.1HA V181CNY0.1H0 V182CNX0.1HA V182CNY0.1H0
 V183CNX0.1HA V183CNY0.1H0 V184CNX0.1HA V184CNY0.1H0 V185CNX0.1HA V185CNY0.1H0

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Wave T_p in Chia-Nan Seas of CNX0 at 2018

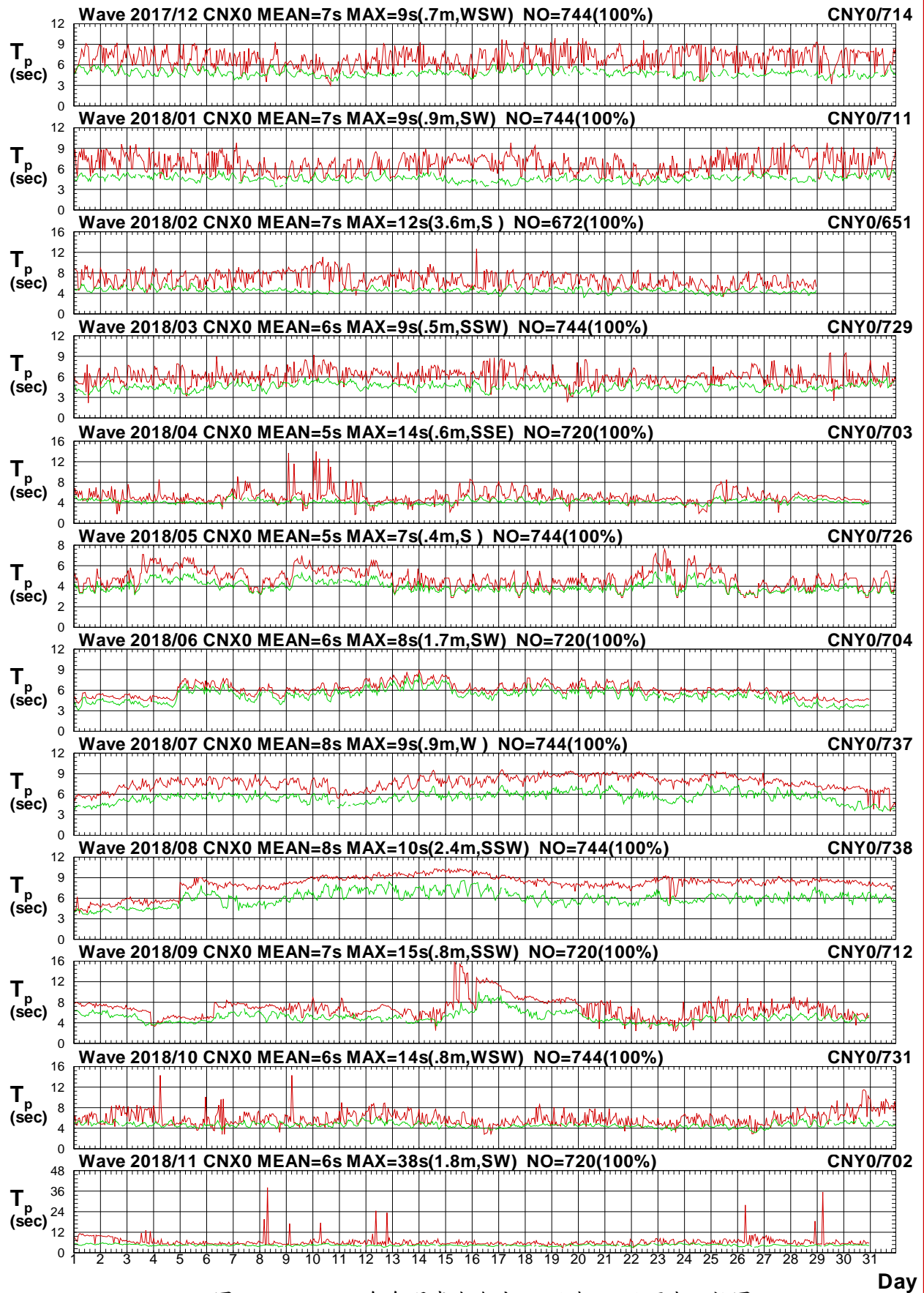


圖2.3.1b 2018年每月嘉南海域 X 站與 Y 站週期比較圖

V17CCNX0.1HA V17CCNY0.1H0 V181CNX0.1HA V181CNY0.1H0 V182CNX0.1HA V182CNY0.1H0
 V183CNX0.1HA V183CNY0.1H0 V184CNX0.1HA V184CNY0.1H0 V185CNX0.1HA V185CNY0.1H0

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Wave Direction in Chia-Nan Seas of CNX0 at 2018

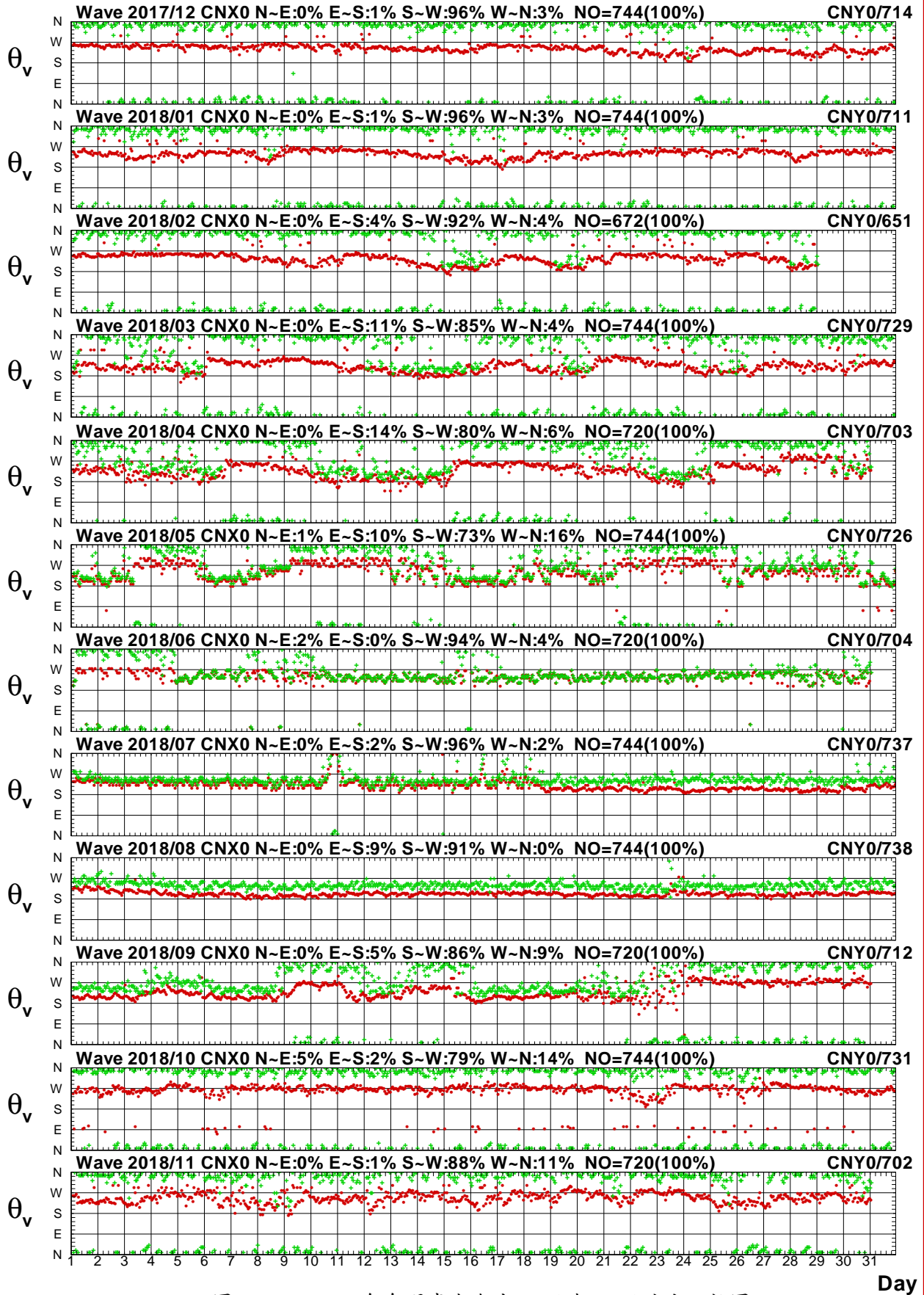


圖2.3.1c 2018年每月嘉南海域 X 站與 Y 站波向比較圖

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 V183CNX0.1HA V183CNY0.1H0 V184CNX0.1HA V184CNY0.1H0 V185CNX0.1HA V185CNY0.1H0

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Wave H_s in Chia-Nan Seas of CNX0 at 2018

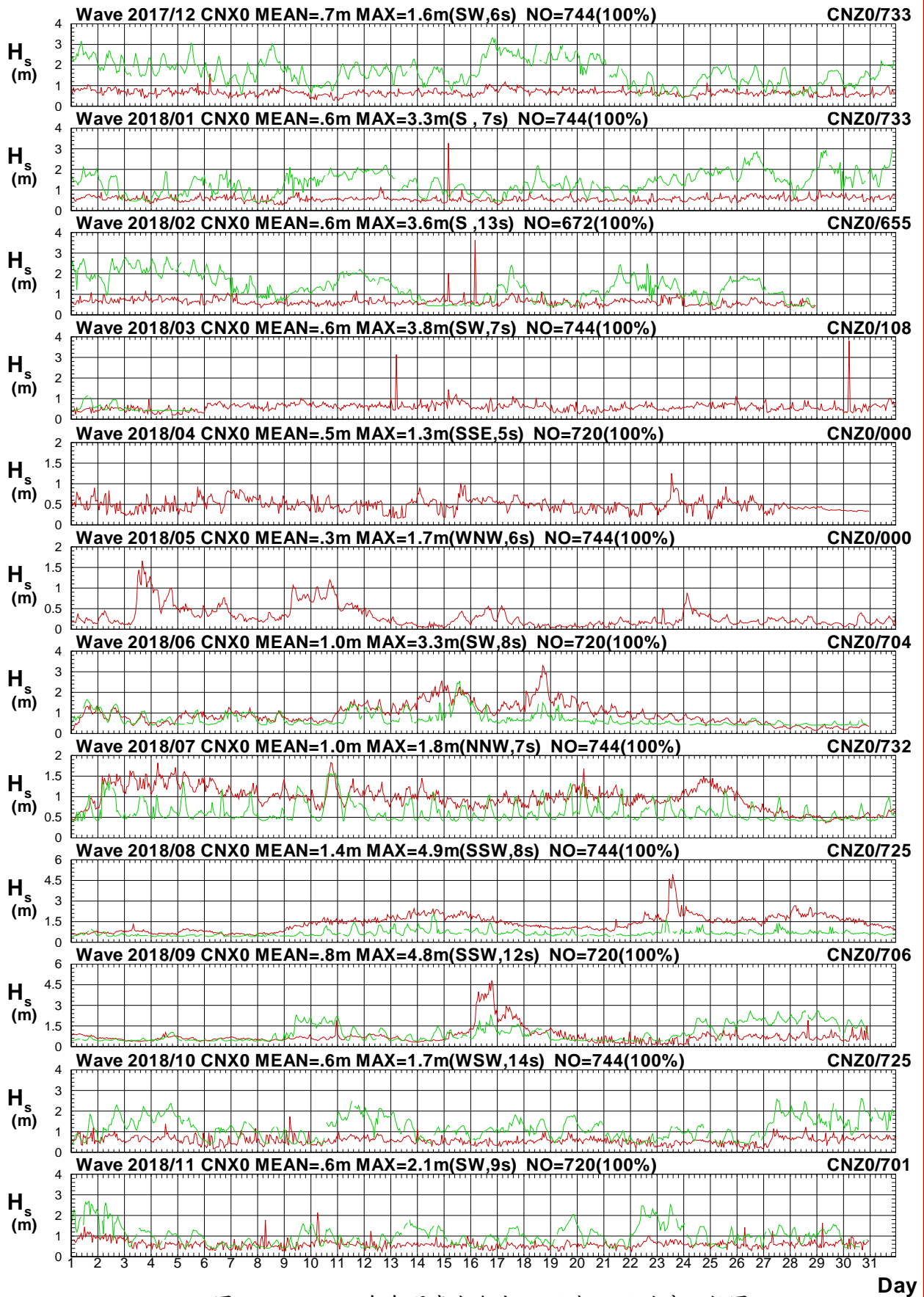


圖2.3.2a 2018年每月嘉南海域 X 站與 Z 站波高比較圖

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 V183CNX0.1HA V183CNZ0.1H0 V184CNX0.1HA V184CNZ0.1H0 V185CNX0.1HA V185CNZ0.1H0

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Wave T_p in Chia-Nan Seas of CNX0 at 2018

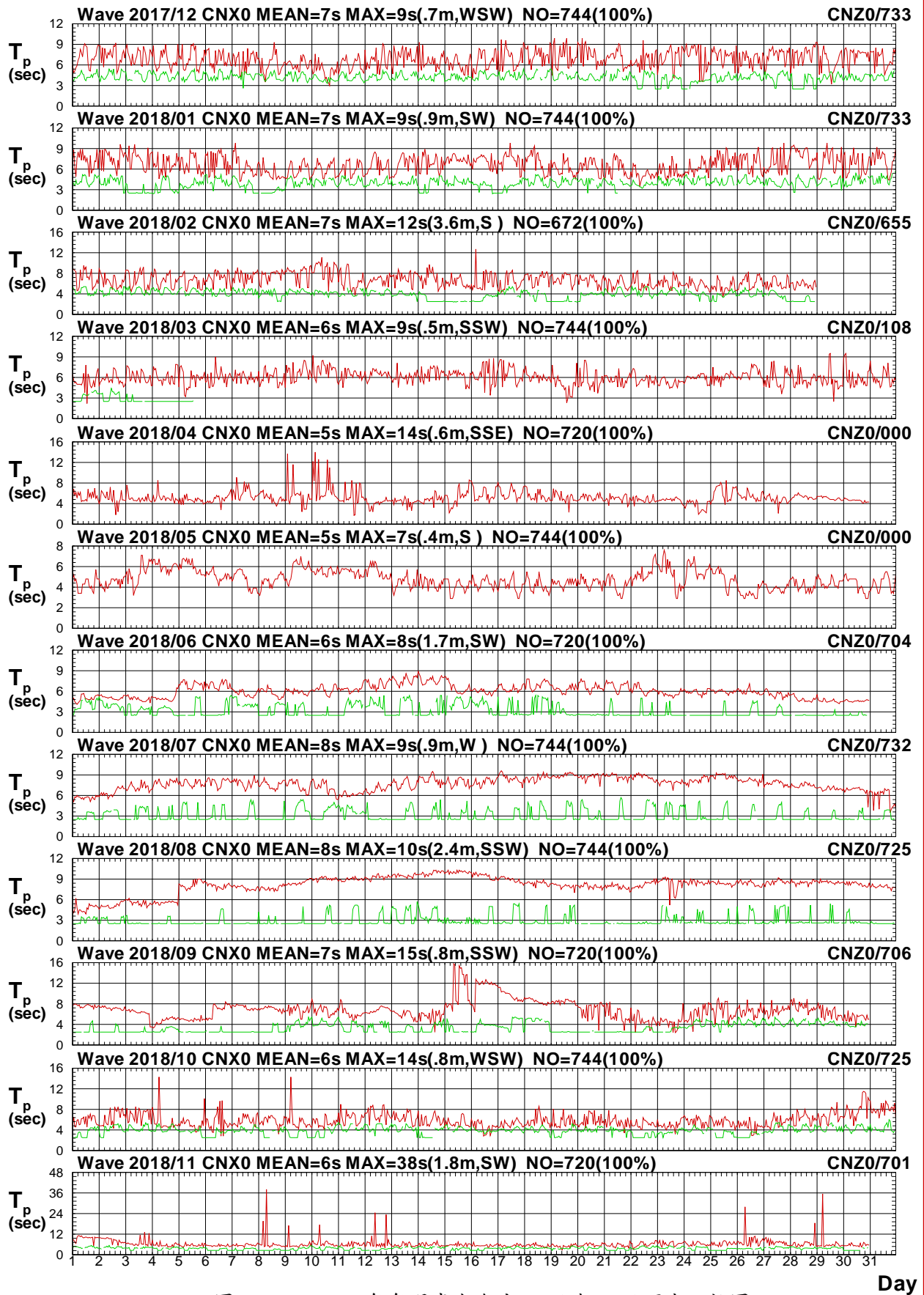


圖2.3.2b 2018年每月嘉南海域 X 站與 Z 站週期比較圖

V17CCNX0.1HA V17CCNZ0.1H0 V181CNX0.1HA V181CNZ0.1H0 V182CNX0.1HA V182CNZ0.1H0
 V183CNX0.1HA V183CNZ0.1H0 V184CNX0.1HA V184CNZ0.1H0 V185CNX0.1HA V185CNZ0.1H0

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Wave Direction in Chia-Nan Seas of CNX0 at 2018

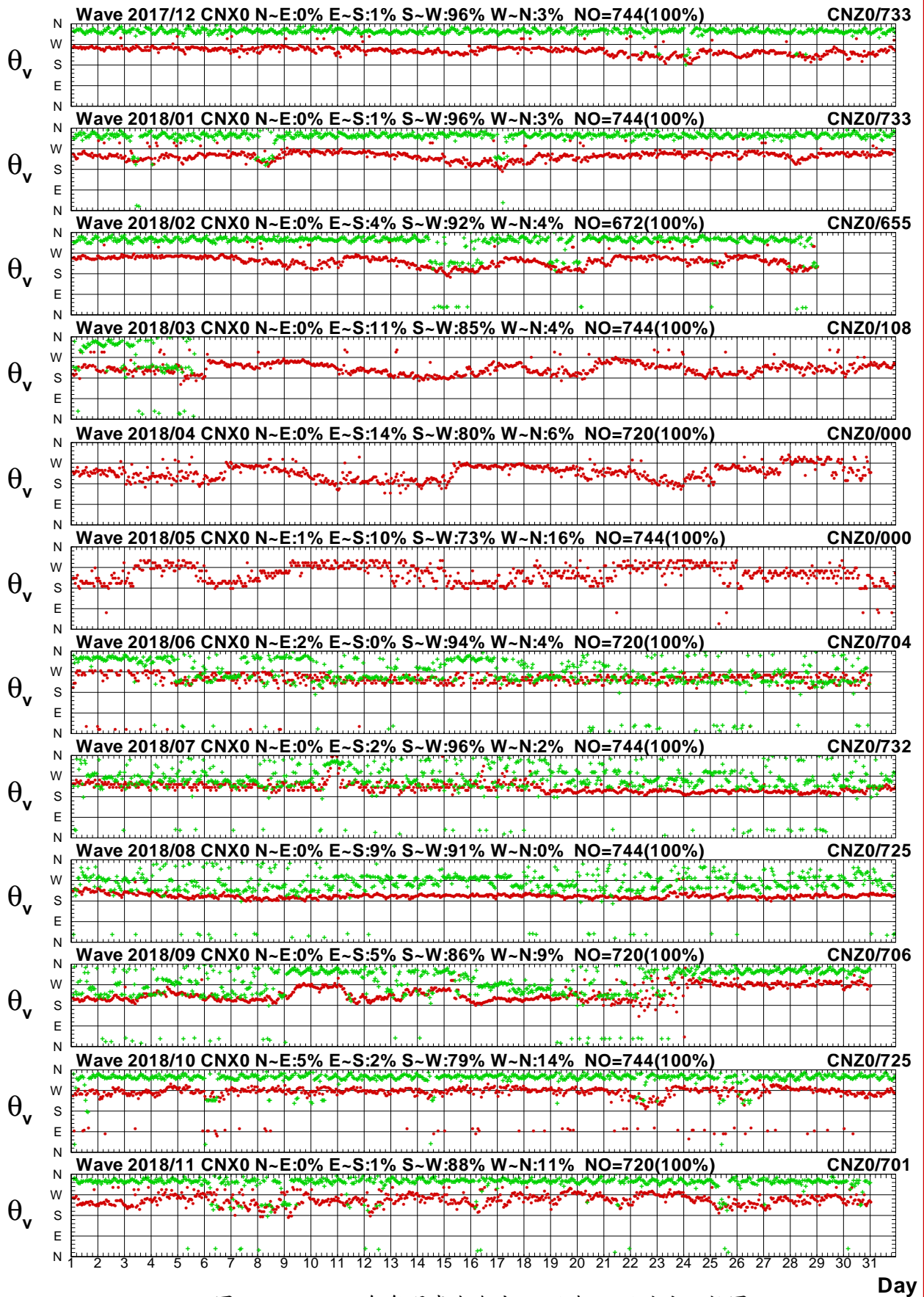


圖2.3.2c 2018年每月嘉南海域 X 站與 Z 站波向比較圖

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 V183CNX0.1HA V183CNZ0.1H0 V184CNX0.1HA V184CNZ0.1H0 V185CNX0.1HA V185CNZ0.1H0

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Wave H_s in Chia-Nan Seas of CNX0 at 2018

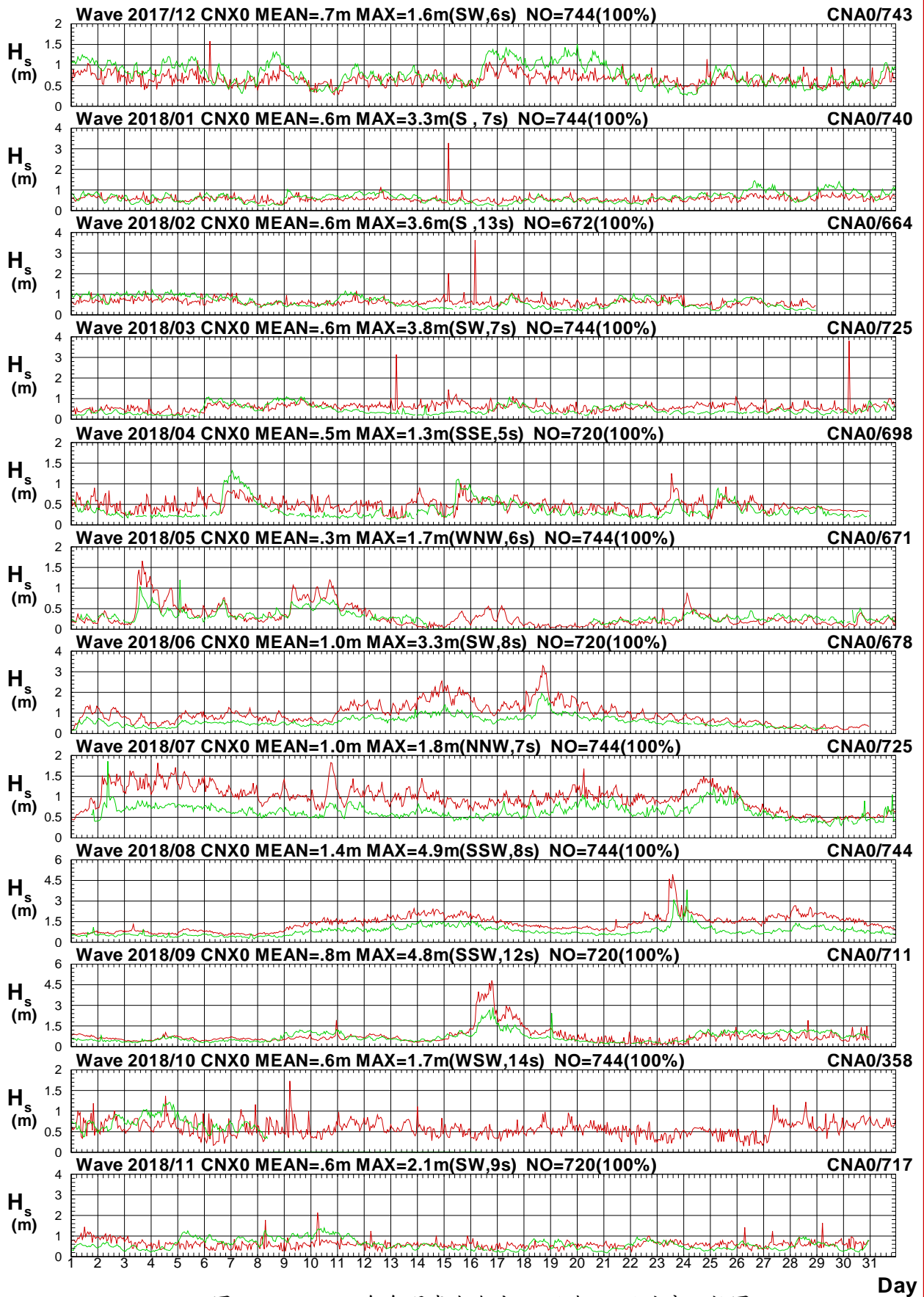


圖2.3.3a 2018年每月嘉南海域 X 站與 A 站波高比較圖

V17CCNX0.1HA V17CCNA0.1H0 V181CNX0.1HA V181CNA0.1H0 V182CNX0.1HA V182CNA0.1H0
 V183CNX0.1HA V183CNA0.1H0 V184CNX0.1HA V184CNA0.1H0 V185CNX0.1HA V185CNA0.1H0

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Wave T_p in Chia-Nan Seas of CNX0 at 2018

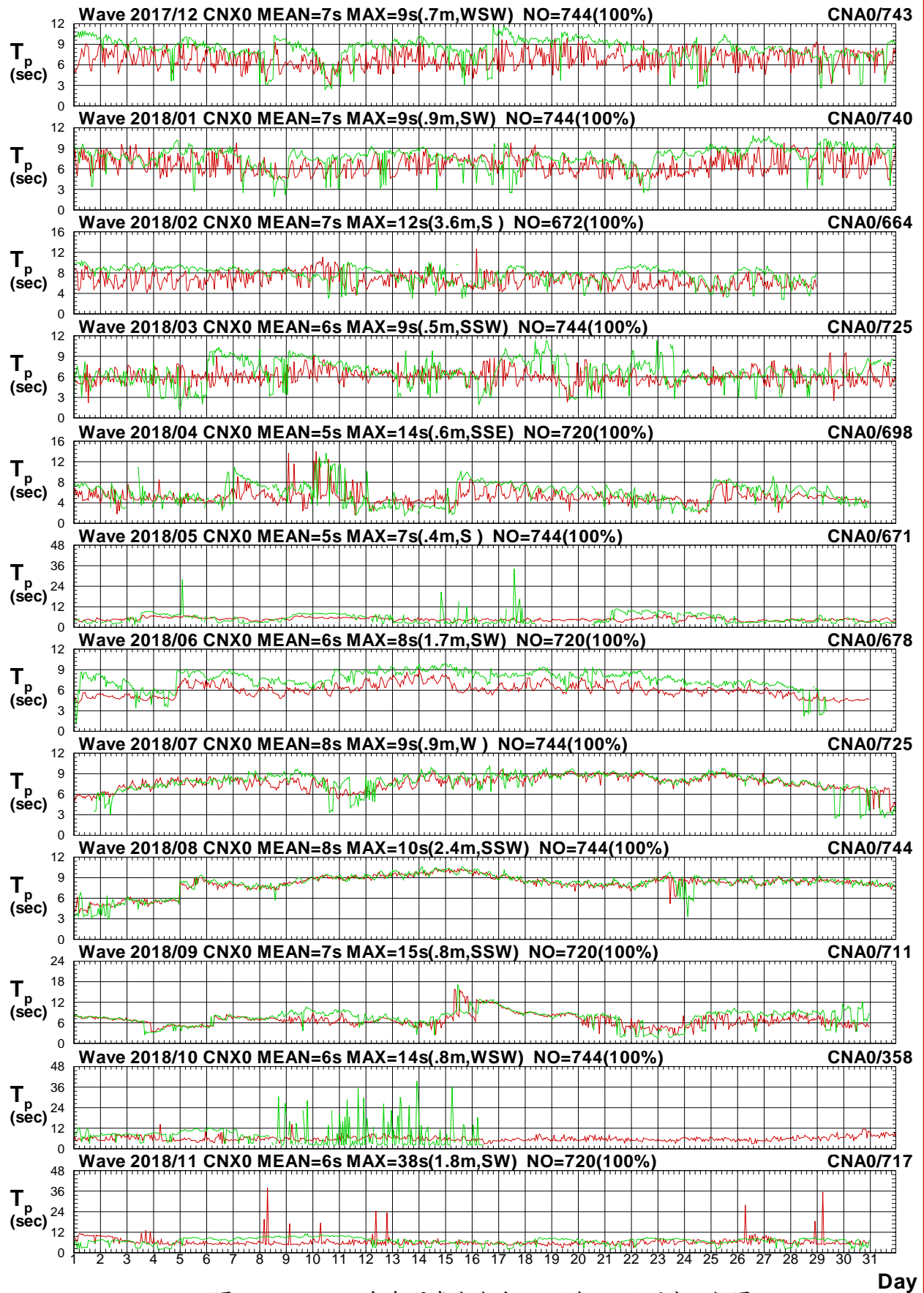


圖2.3.3b 2018年每月嘉南海域 X 站與 A 站週期比較圖

V17CCNX0.1HA V17CCNA0.1H0 V181CNX0.1HA V181CNA0.1H0 V182CNX0.1HA V182CNA0.1H0
 V183CNX0.1HA V183CNA0.1H0 V184CNX0.1HA V184CNA0.1H0 V185CNX0.1HA V185CNA0.1H0

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Wave Direction in Chia-Nan Seas of CNX0 at 2018

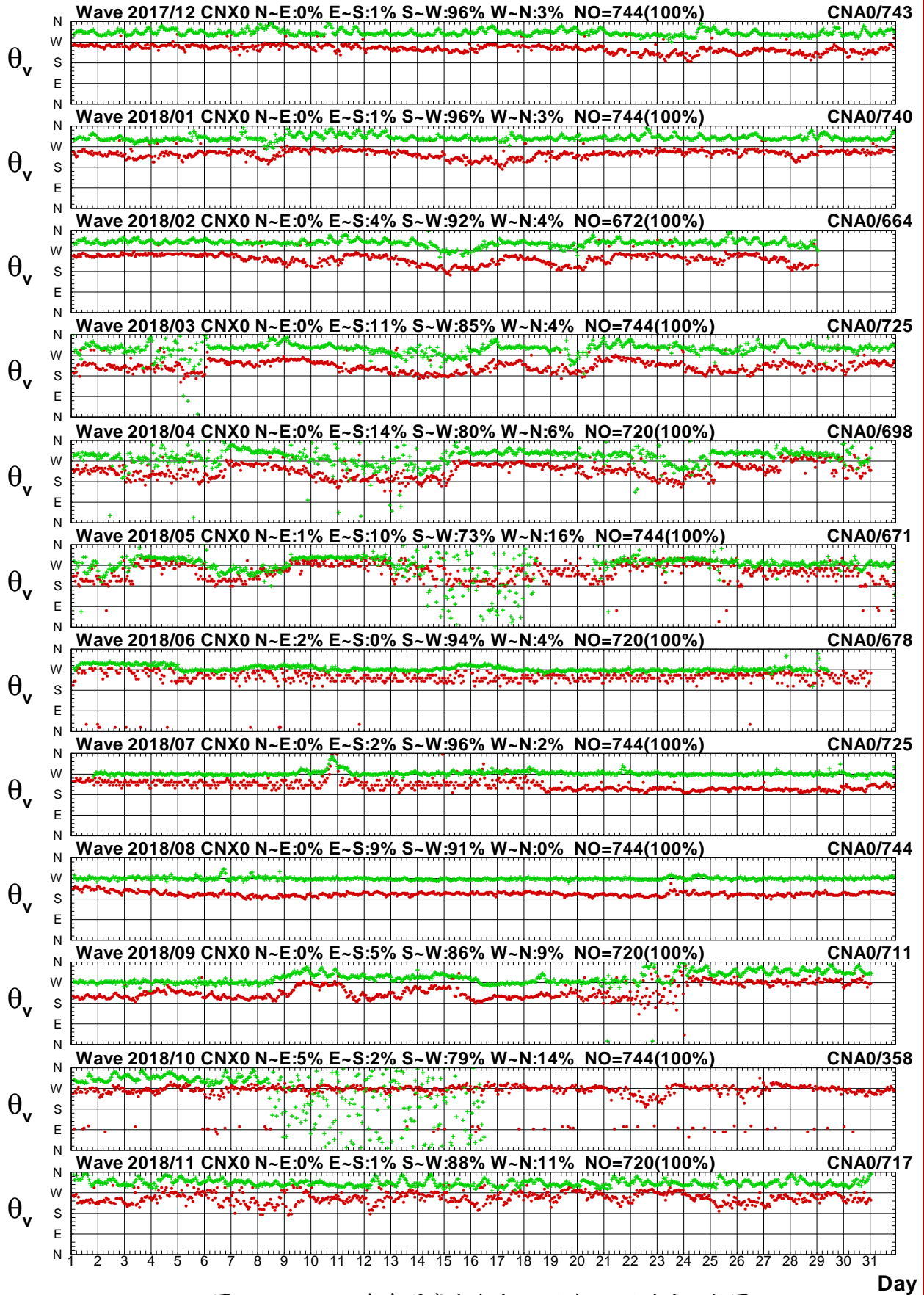


圖2.3.3c 2018年每月嘉南海域 X 站與 A 站波向比較圖

V177CCNX0.1HA V177CCNA0.1H0 V181CNX0.1HA V181CNA0.1H0 V182CNX0.1HA V182CNA0.1H0
 V183CNX0.1HA V183CNA0.1H0 V184CNX0.1HA V184CNA0.1H0 V185CNX0.1HA V185CNA0.1H0

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Wave H_s in Chia-Nan Seas of CNX0 at 2018

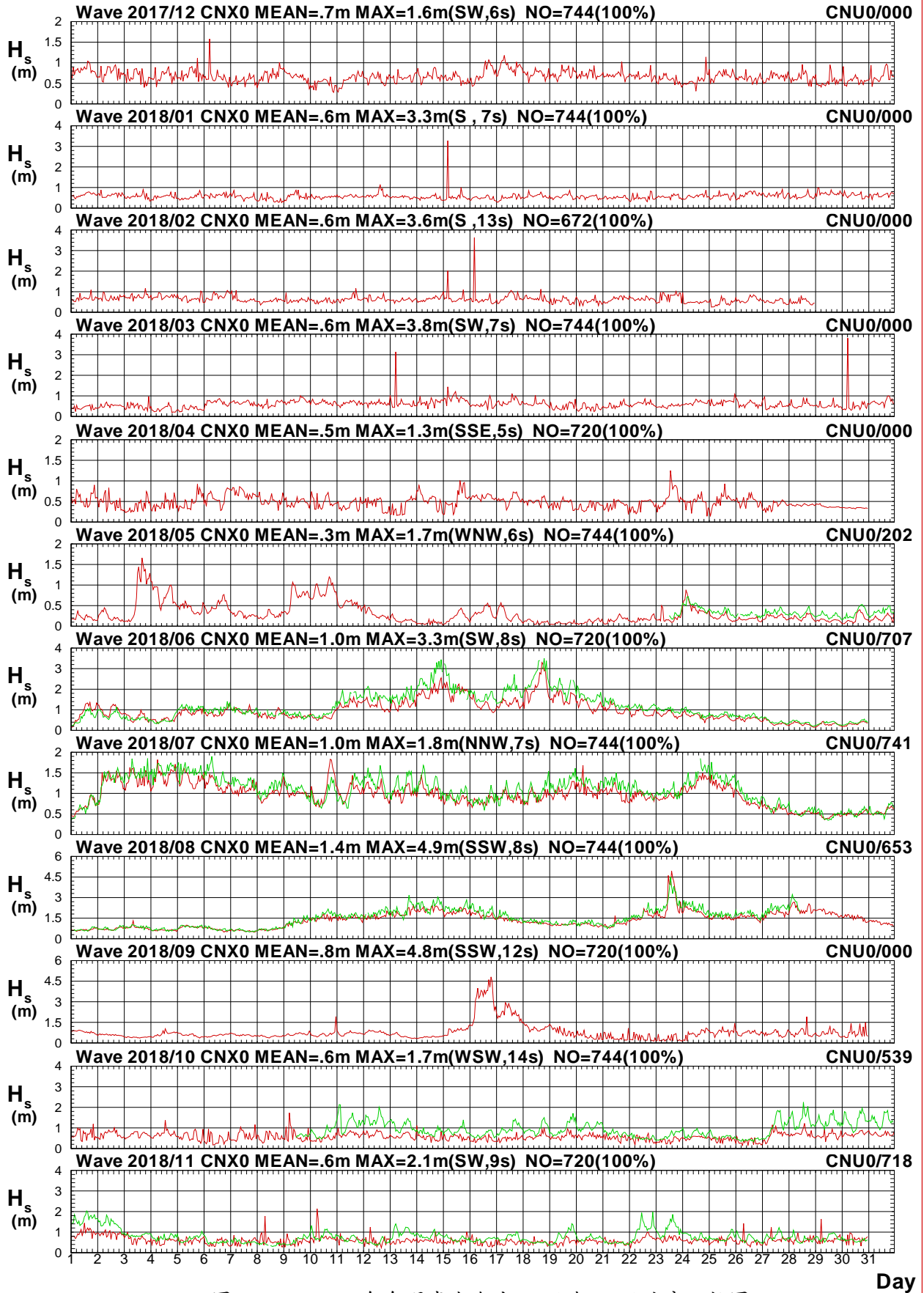


圖2.3.4a 2018年每月嘉南海域 X 站與 U 站波高比較圖

V17CCNX0.1HA V17CCNU0.1H0 V181CNX0.1HA V181CNU0.1H0 V182CNX0.1HA V182CNU0.1H0
 V183CNX0.1HA V183CNU0.1H0 V184CNX0.1HA V184CNU0.1H0 V185CNX0.1HA V185CNU0.1H0

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Wave T_p in Chia-Nan Seas of CNX0 at 2018

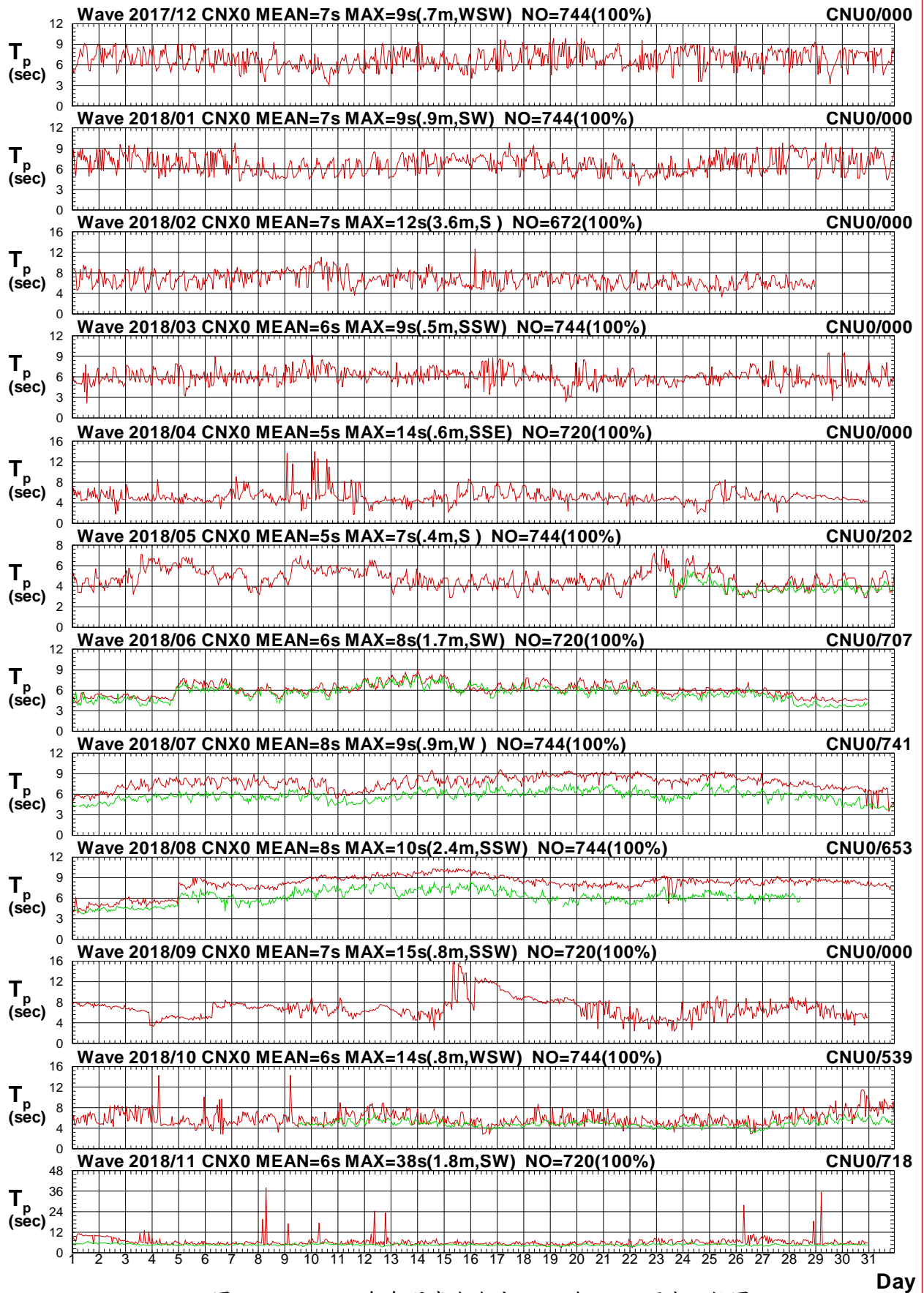


圖2.3.4b 2018年每月嘉南海域 X 站與 U 站週期比較圖

V17CCNX0.1HA V17CCNU0.1H0 V181CNX0.1HA V181CNU0.1H0 V182CNX0.1HA V182CNU0.1H0
 V183CNX0.1HA V183CNU0.1H0 V184CNX0.1HA V184CNU0.1H0 V185CNX0.1HA V185CNU0.1H0

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Wave Direction in Chia-Nan Seas of CNX0 at 2018

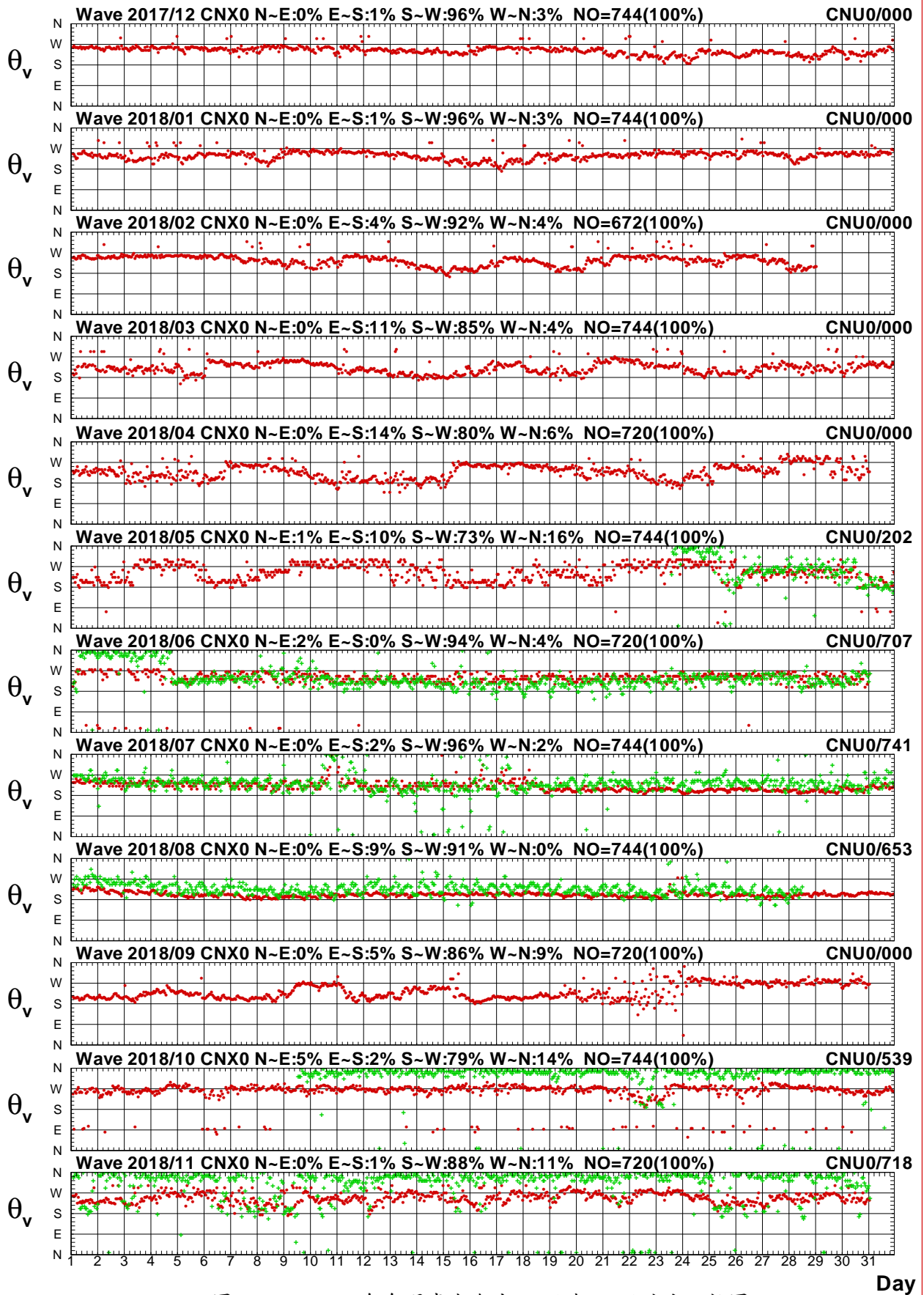


圖2.3.4c 2018年每月嘉南海域 X 站與 U 站波向比較圖

V17CCNX0.1HA V17CCNU0.1H0 V181CNX0.1HA V181CNU0.1H0 V182CNX0.1HA V182CNU0.1H0
 V183CNX0.1HA V183CNU0.1H0 V184CNX0.1HA V184CNU0.1H0 V185CNX0.1HA V185CNU0.1H0

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Wave H_s in Chia-Nan Seas of CNX0 at 2018

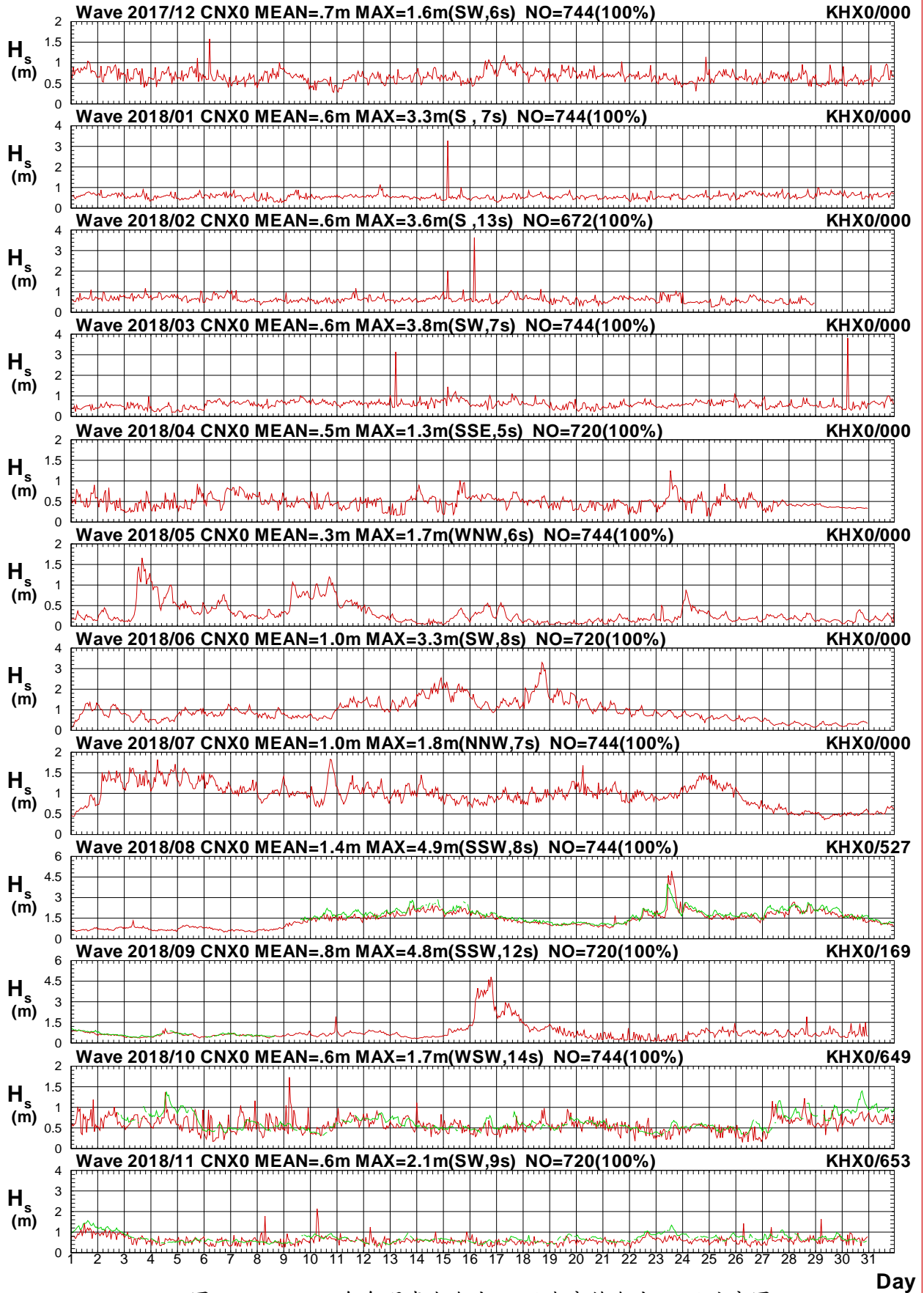


圖2.3.5a 2018年每月嘉南海域 X 站與高雄海域 X 站波高圖

V17CCNX0.1HA V17CKHX0.1H0 V181CNX0.1HA V181KHX0.1H0 V182CNX0.1HA V182KHX0.1H0
 V183CNX0.1HA V183KHX0.1H0 V184CNX0.1HA V184KHX0.1H0 V185CNX0.1HA V185KHX0.1H0

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Wave T_p in Chia-Nan Seas of CNX0 at 2018

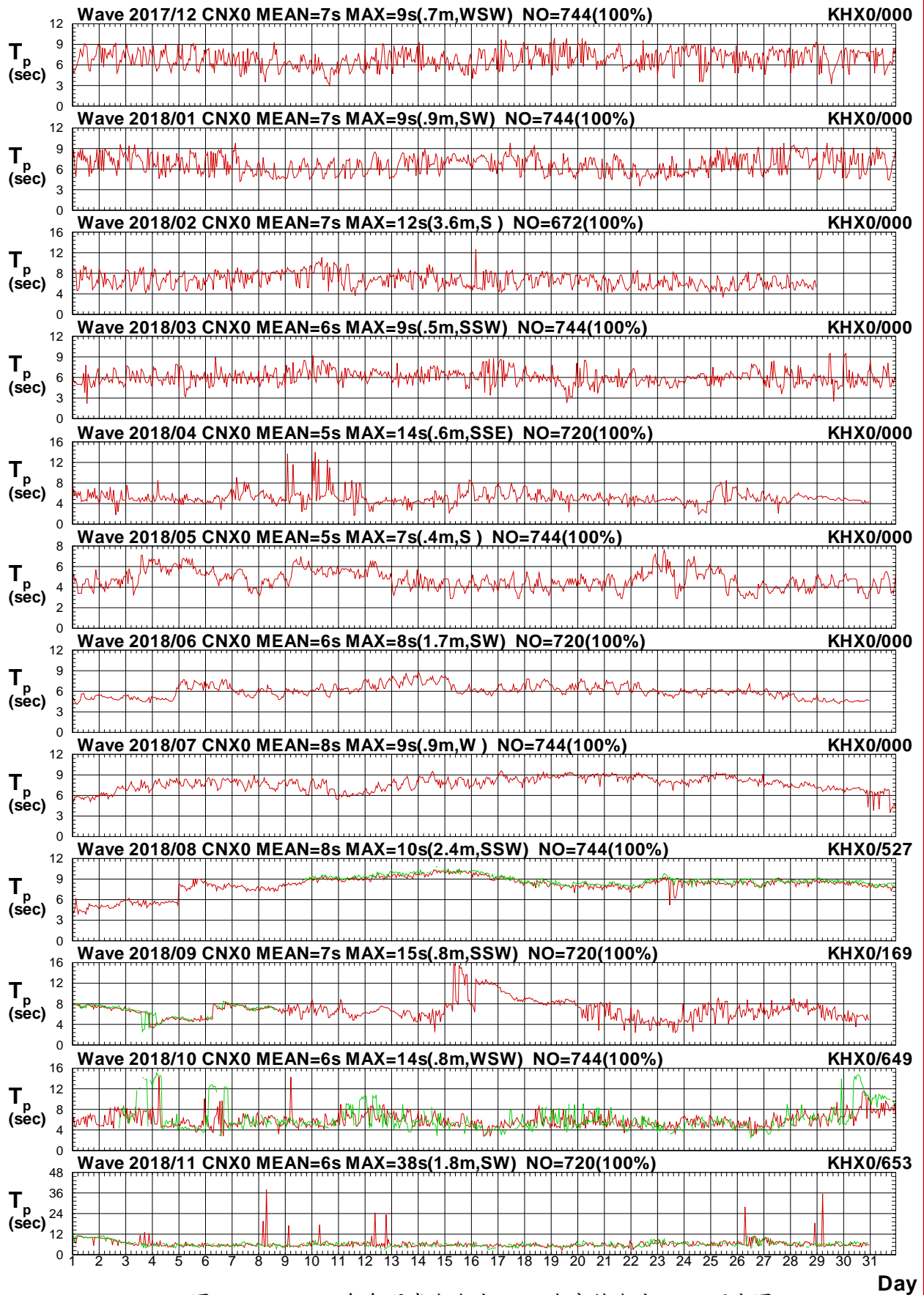


圖2.3.5b 2018年每月嘉南海域 X 站與高雄海域 X 站週期圖

V17CCNX0.1HA V17CKHX0.1H0 V181CNX0.1HA V181KHX0.1H0 V182CNX0.1HA V182KHX0.1H0
 V183CNX0.1HA V183KHX0.1H0 V184CNX0.1HA V184KHX0.1H0 V185CNX0.1HA V185KHX0.1H0

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Wave Direction in Chia-Nan Seas of CNX0 at 2018

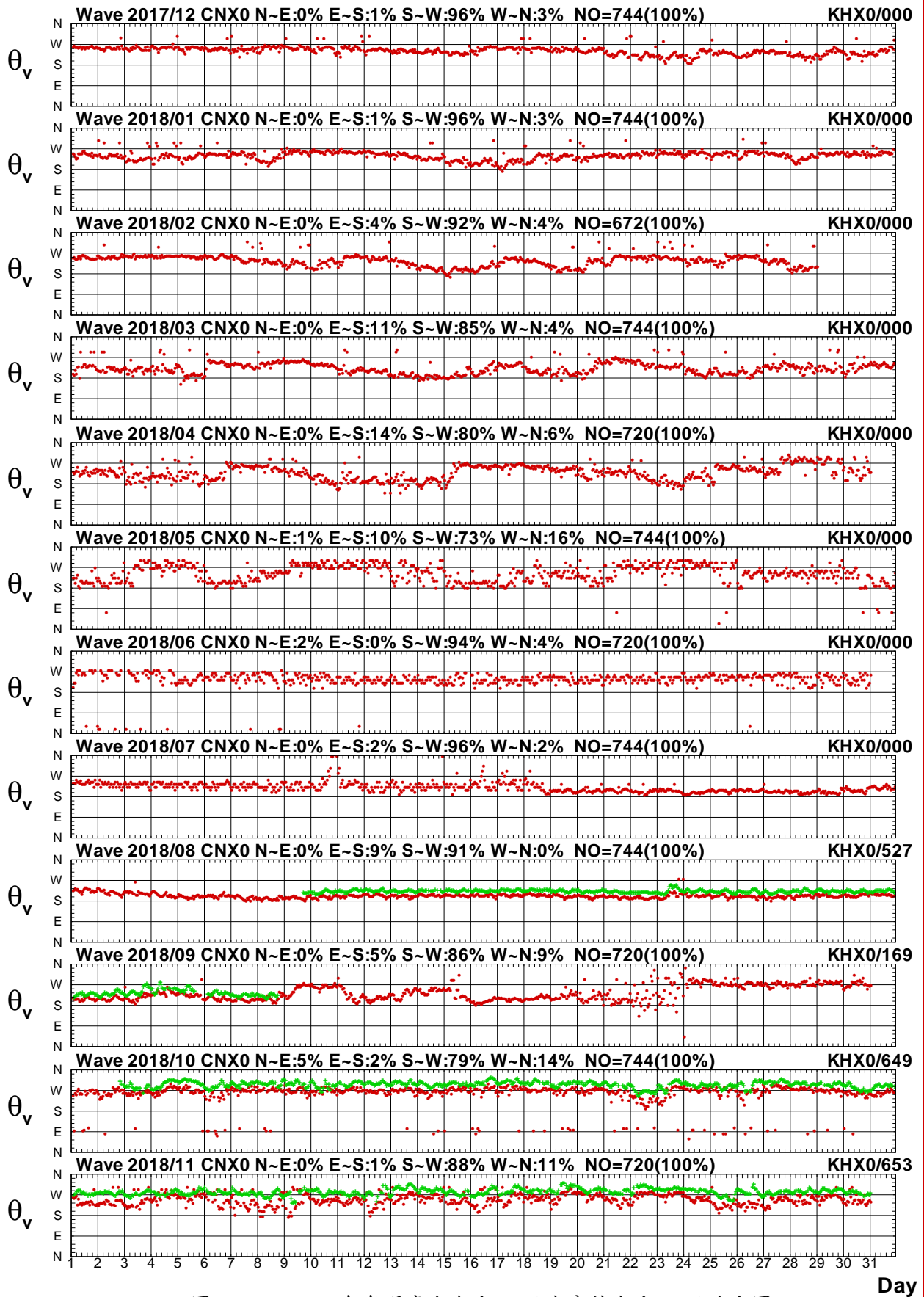


圖2.3.5c 2018年每月嘉南海域 X 站與高雄海域 X 站波向圖

V172CCNX0.1HA V172CKHX0.1H0 V181CNX0.1HA V181KHX0.1H0 V182CNX0.1HA V182KHX0.1H0
 V183CNX0.1HA V183KHX0.1H0 V184CNX0.1HA V184KHX0.1H0 V185CNX0.1HA V185KHX0.1H0

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Wave H_s in Chia-Nan Seas of CNX0 at 2018

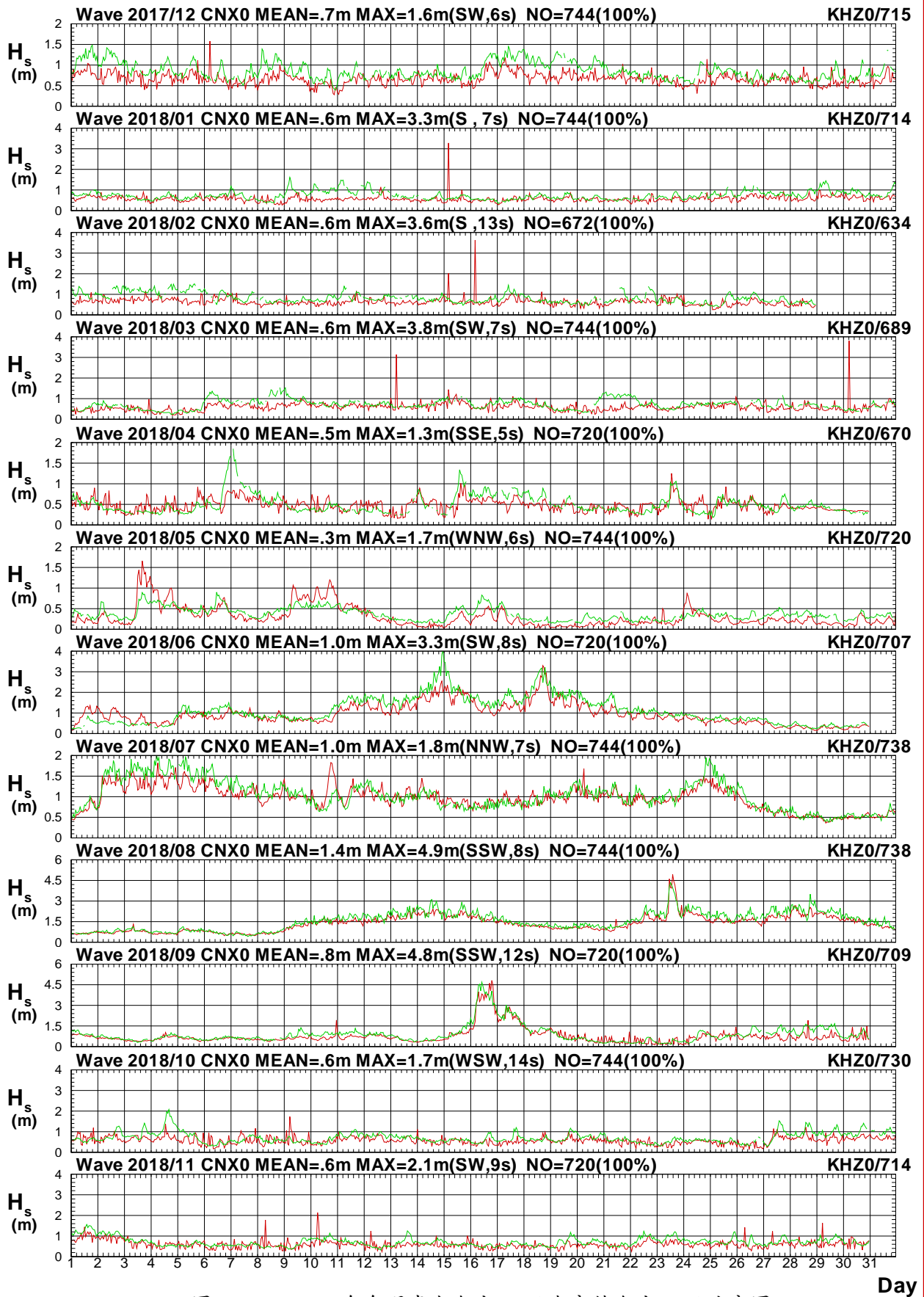


圖2.3.6a 2018年每月嘉南海域 X 站與高雄海域 Z 站波高圖

V17CCNX0.1HA V17CKHZ0.1H0 V181CNX0.1HA V181KHZ0.1H0 V182CNX0.1HA V182KHZ0.1H0
 V183CNX0.1HA V183KHZ0.1H0 V184CNX0.1HA V184KHZ0.1H0 V185CNX0.1HA V185KHZ0.1H0

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Wave T_p in Chia-Nan Seas of CNX0 at 2018

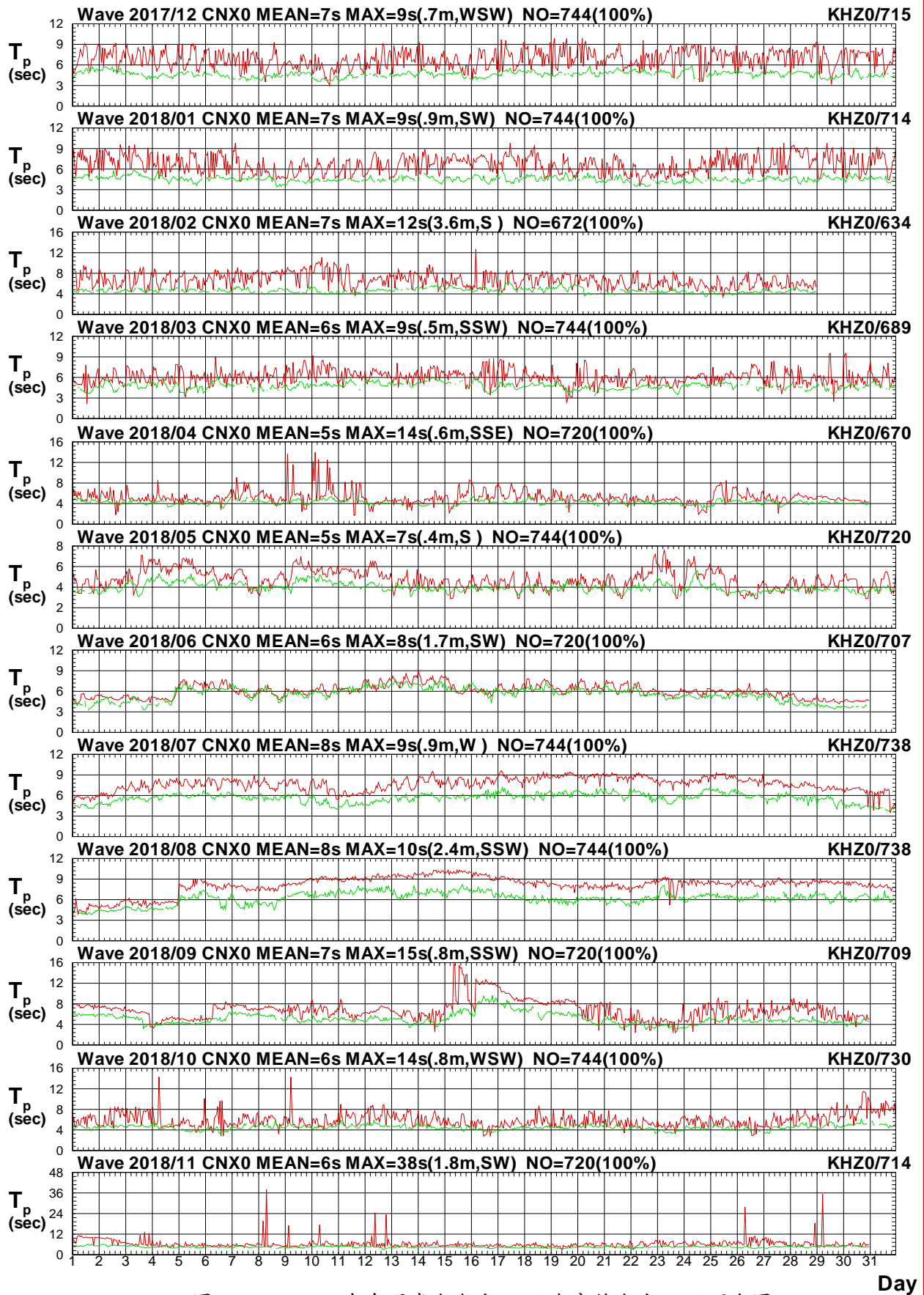


圖2.3.6b 2018年每月嘉南海域 X 站與高雄海域 Z 站週期圖

V17CCNX0.1HA V17CKHZ0.1H0 V181CNX0.1HA V181KHZ0.1H0 V182CNX0.1HA V182KHZ0.1H0
 V183CNX0.1HA V183KHZ0.1H0 V184CNX0.1HA V184KHZ0.1H0 V185CNX0.1HA V185KHZ0.1H0

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Wave Direction in Chia-Nan Seas of CNX0 at 2018

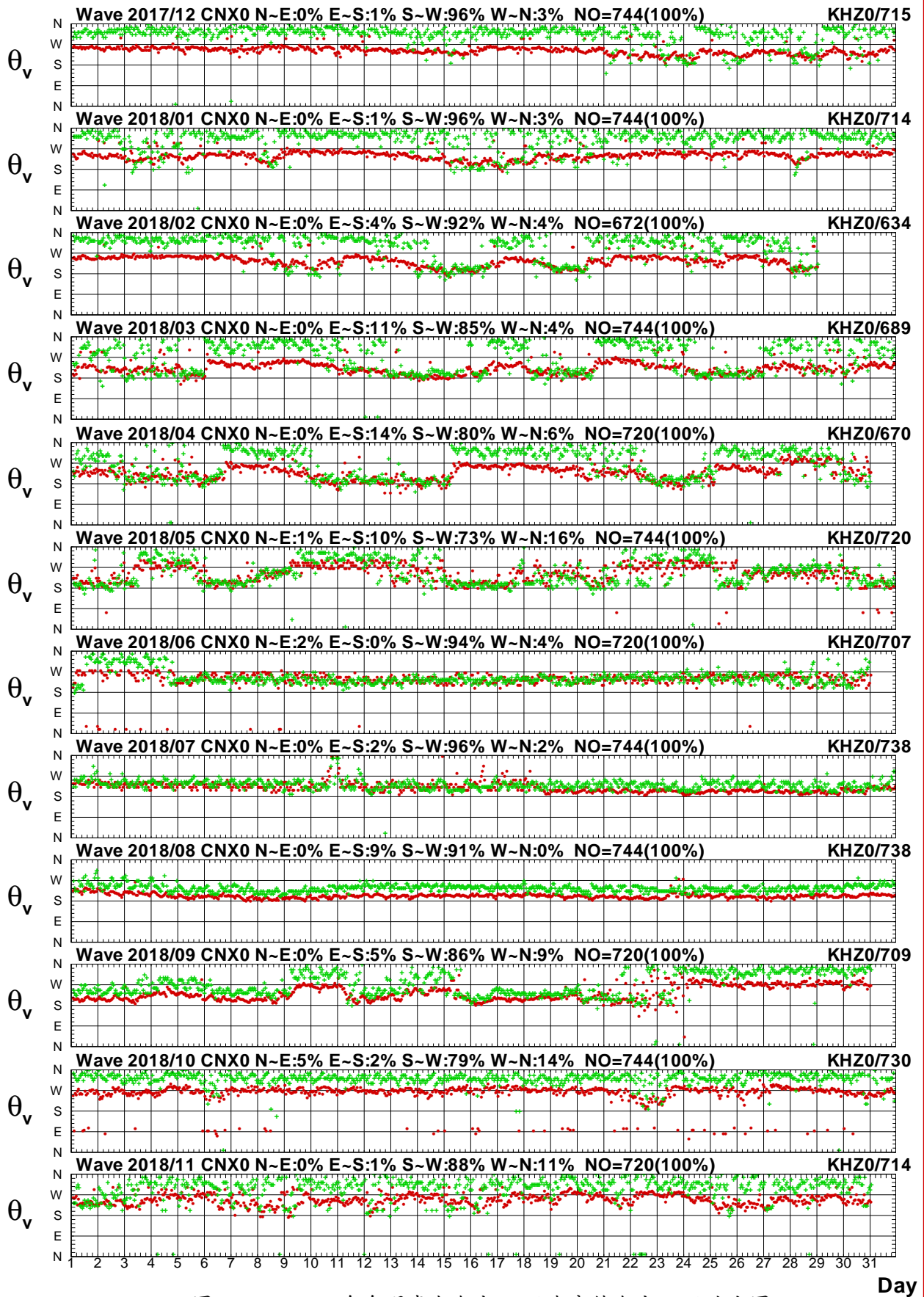


圖2.3.6c 2018年每月嘉南海域 X 站與高雄海域 Z 站波向圖

V17CCNX0.1HA V17CKHZ0.1H0 V181CNX0.1HA V181KHZ0.1H0 V182CNX0.1HA V182KHZ0.1H0
 V183CNX0.1HA V183KHZ0.1H0 V184CNX0.1HA V184KHZ0.1H0 V185CNX0.1HA V185KHZ0.1H0

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Wave H_s in Chia-Nan Seas of CNX0 at 2018

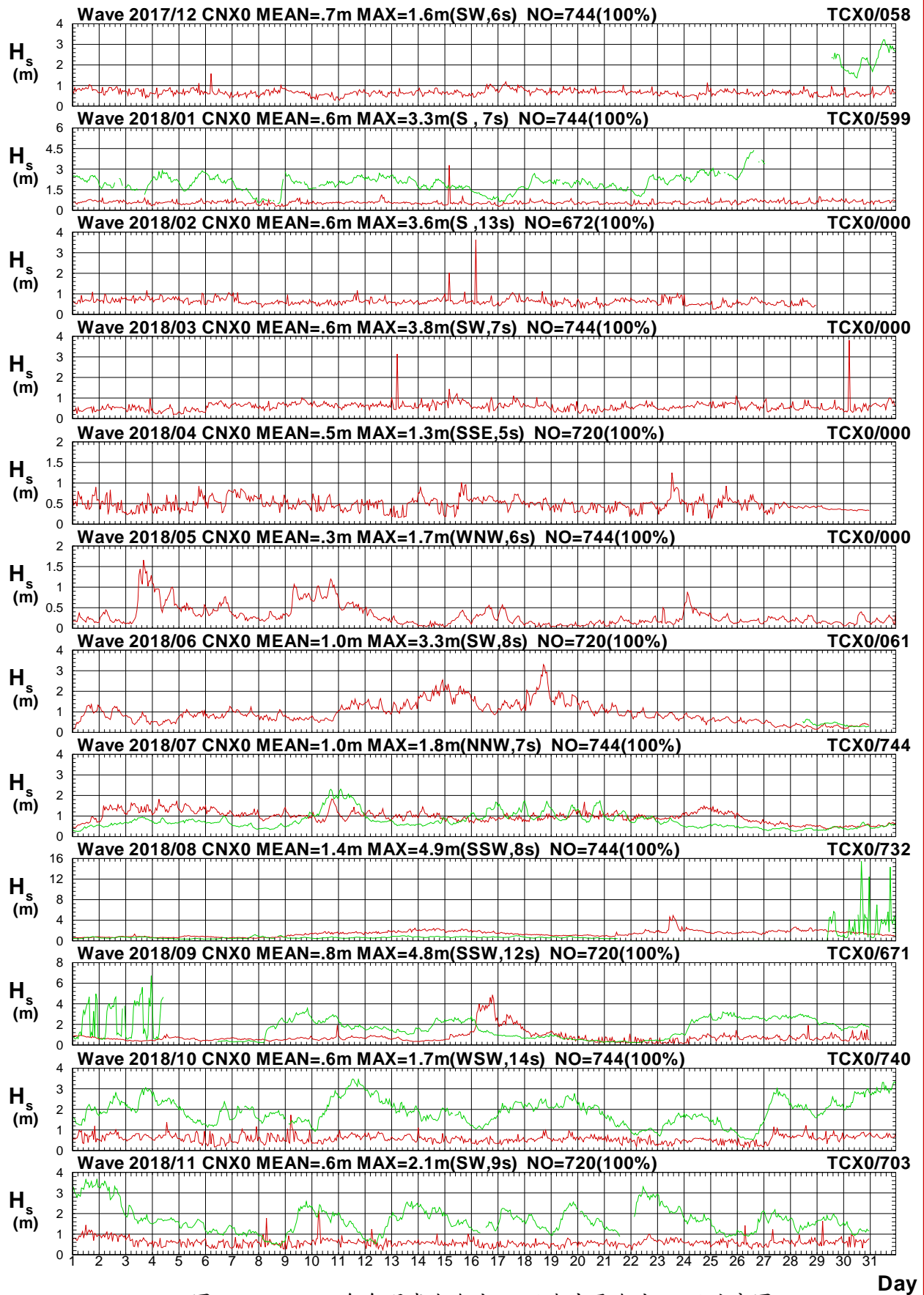


圖2.3.7a 2018年每月嘉南海域 X 站與中雲海域 X 站波高圖

V17CCNX0.1HA V17CTCX0.1HO V181CNX0.1HA V181TCX0.1HO V182CNX0.1HA V182TCX0.1HO
 V183CNX0.1HA V183TCX0.1HO V184CNX0.1HA V184TCX0.1HO V185CNX0.1HA V185TCX0.1HO

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Wave T_p in Chia-Nan Seas of CNX0 at 2018

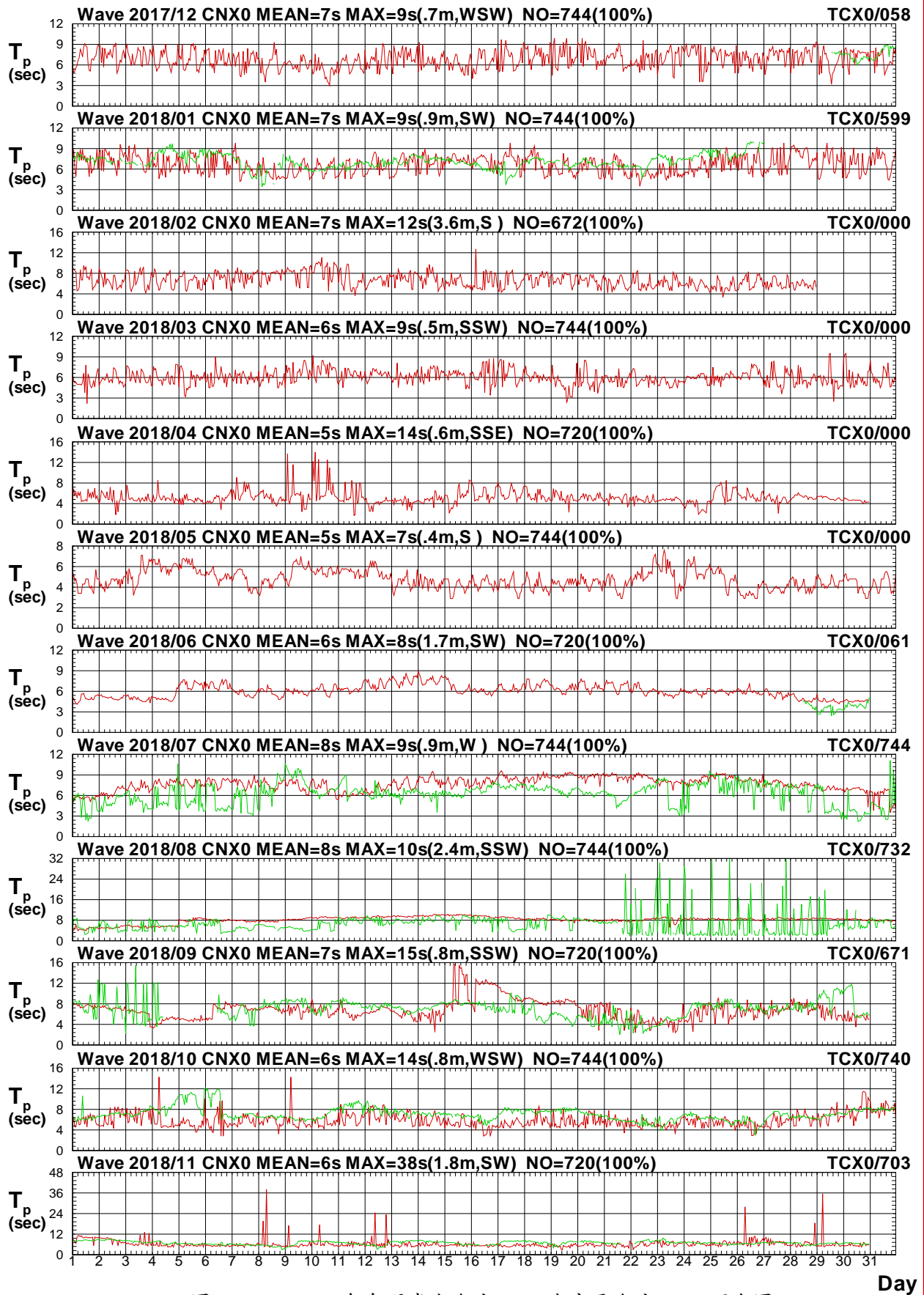


圖2.3.7b 2018年每月嘉南海域 X 站與中雲海域 X 站週期圖

V17CCNX0.1HA V17CTCX0.1H0 V181CNX0.1HA V181TCX0.1H0 V182CNX0.1HA V182TCX0.1H0
 V183CNX0.1HA V183TCX0.1H0 V184CNX0.1HA V184TCX0.1H0 V185CNX0.1HA V185TCX0.1H0

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Wave Direction in Chia-Nan Seas of CNX0 at 2018

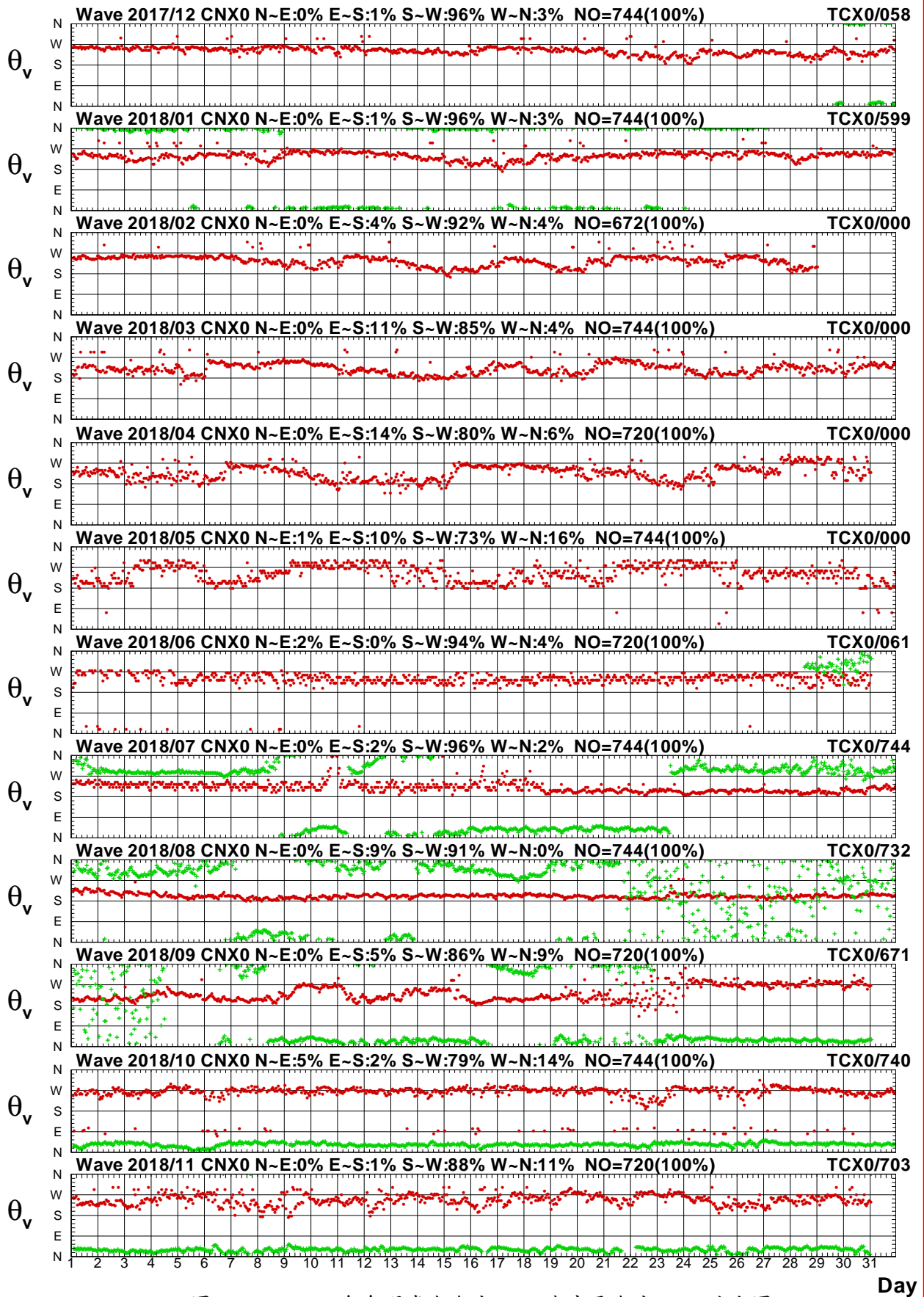


圖2.3.7c 2018年每月嘉南海域 X 站與中雲海域 X 站波向圖

V17CCNX0.1HA V17CTCX0.1H0 V181CNX0.1HA V181TCX0.1H0 V182CNX0.1HA V182TCX0.1H0
 V183CNX0.1HA V183TCX0.1H0 V184CNX0.1HA V184TCX0.1H0 V185CNX0.1HA V185TCX0.1H0

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Wave H_s in Chia-Nan Seas of CNX0 at 2018

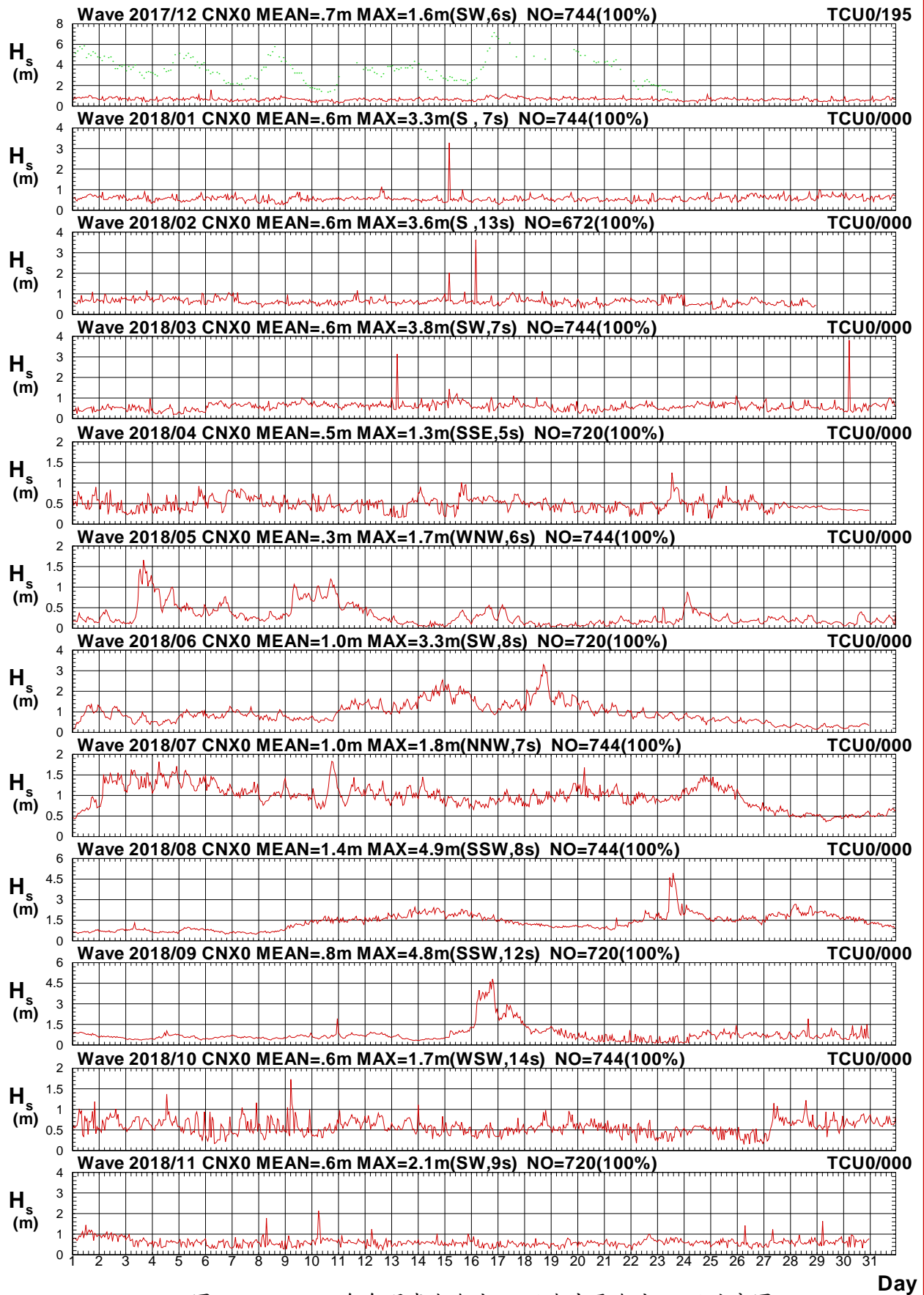


圖2.3.8a 2018年每月嘉南海域 X 站與中雲海域 U 站波高圖

V17CCNX0.1HA V17CTCU0.1H0 V181CNX0.1HA V181TCU0.1H0 V182CNX0.1HA V182TCU0.1H0
 V183CNX0.1HA V183TCU0.1H0 V184CNX0.1HA V184TCU0.1H0 V185CNX0.1HA V185TCU0.1H0

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Wave T_p in Chia-Nan Seas of CNX0 at 2018

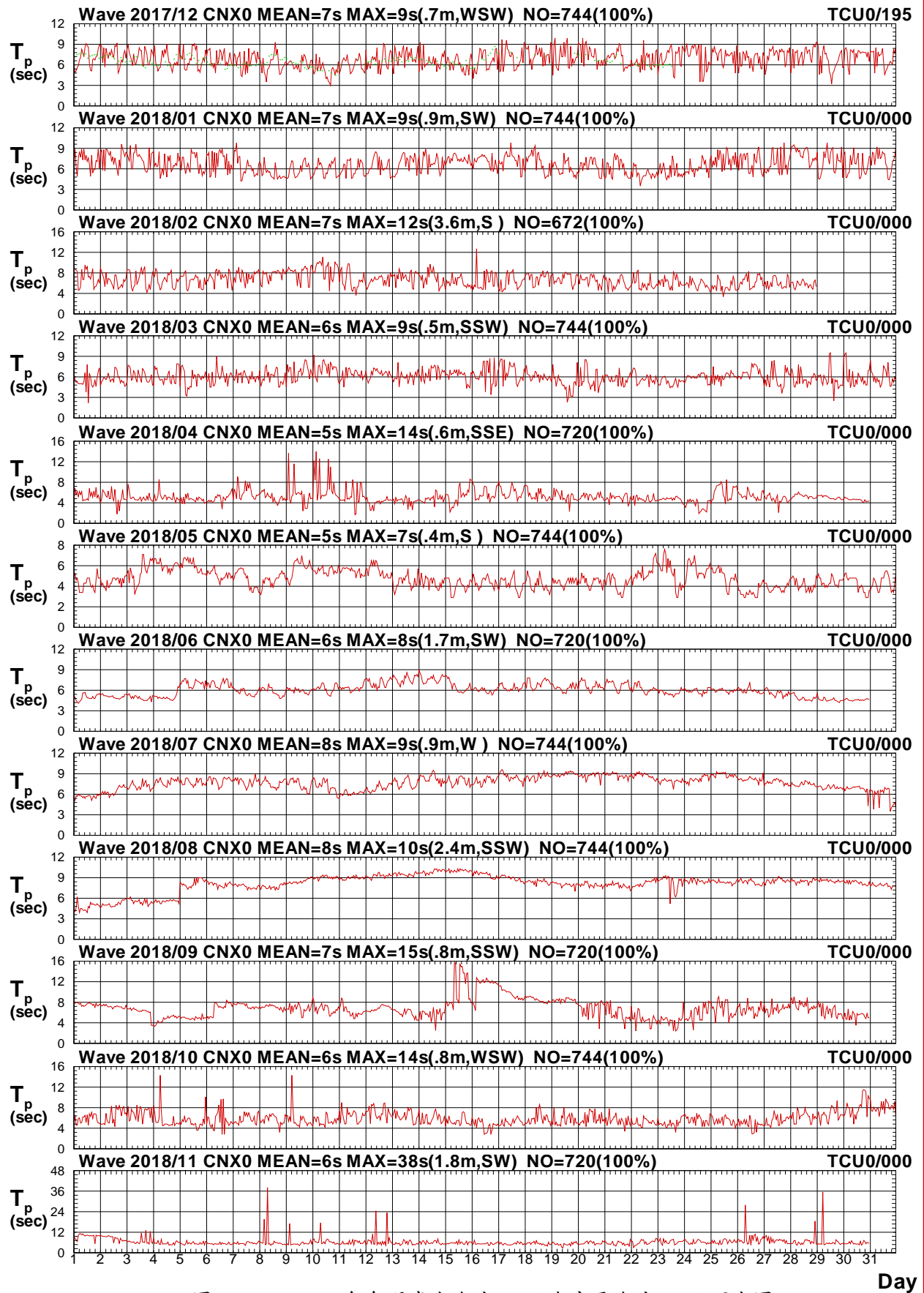


圖2.3.8b 2018年每月嘉南海域 X 站與中雲海域 U 站週期圖

V17CCNX0.1HA V17CTCU0.1H0 V181CNX0.1HA V181TCU0.1H0 V182CNX0.1HA V182TCU0.1H0
 V183CNX0.1HA V183TCU0.1H0 V184CNX0.1HA V184TCU0.1H0 V185CNX0.1HA V185TCU0.1H0

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Wave Direction in Chia-Nan Seas of CNX0 at 2018

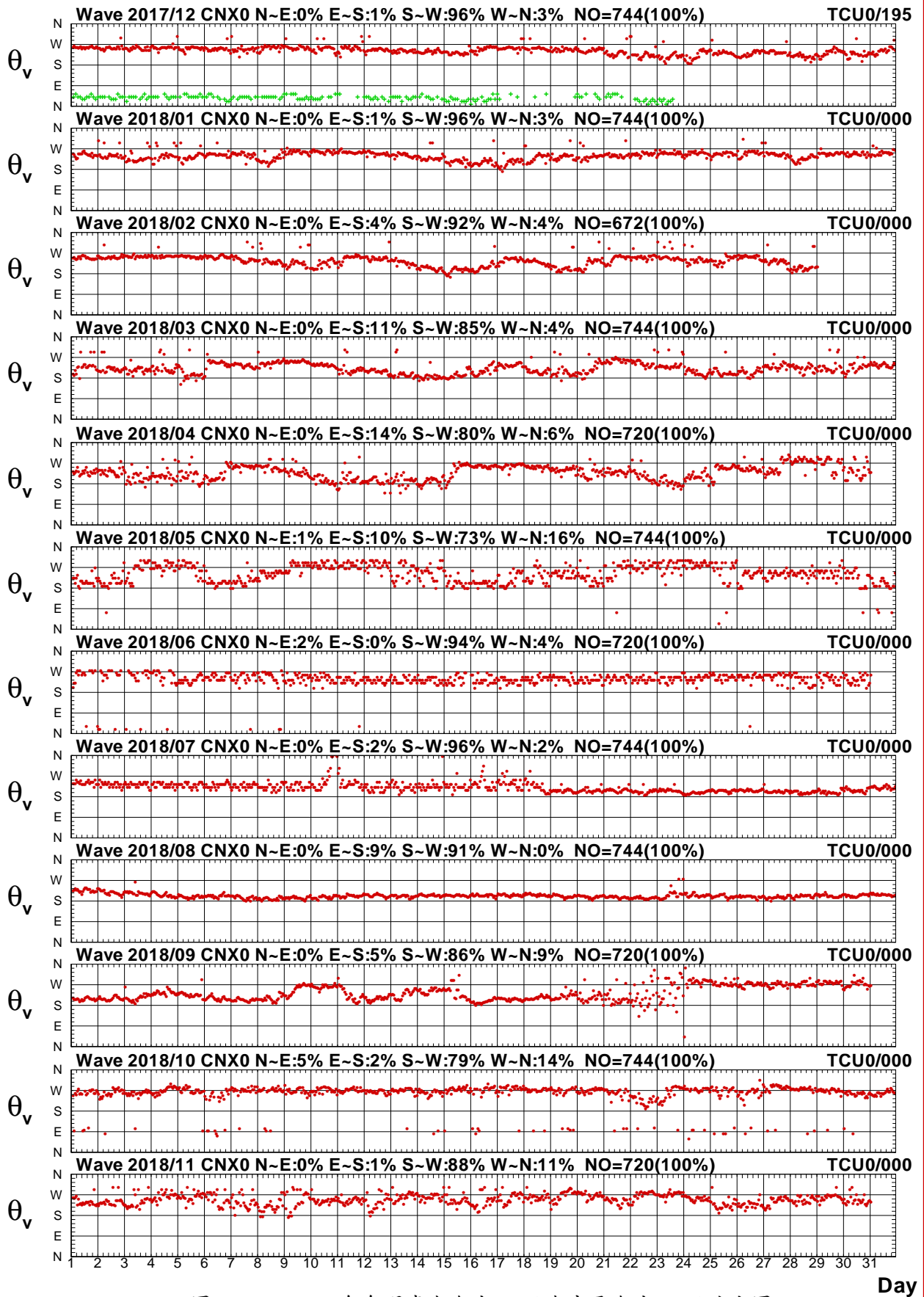


圖2.3.8c 2018年每月嘉南海域 X 站與中雲海域 U 站波向圖

V17CCNX0.1HA V17CTCU0.1H0 V181CNX0.1HA V181TCU0.1H0 V182CNX0.1HA V182TCU0.1H0
 V183CNX0.1HA V183TCU0.1H0 V184CNX0.1HA V184TCU0.1H0 V185CNX0.1HA V185TCU0.1H0

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2.4 2018年嘉南海域波浪**主要測站2**(修補後)與 **其他測站**(修補前)每月波浪歷線比較圖

Wave H_s in Chia-Nan Seas of CNA0 at 2018

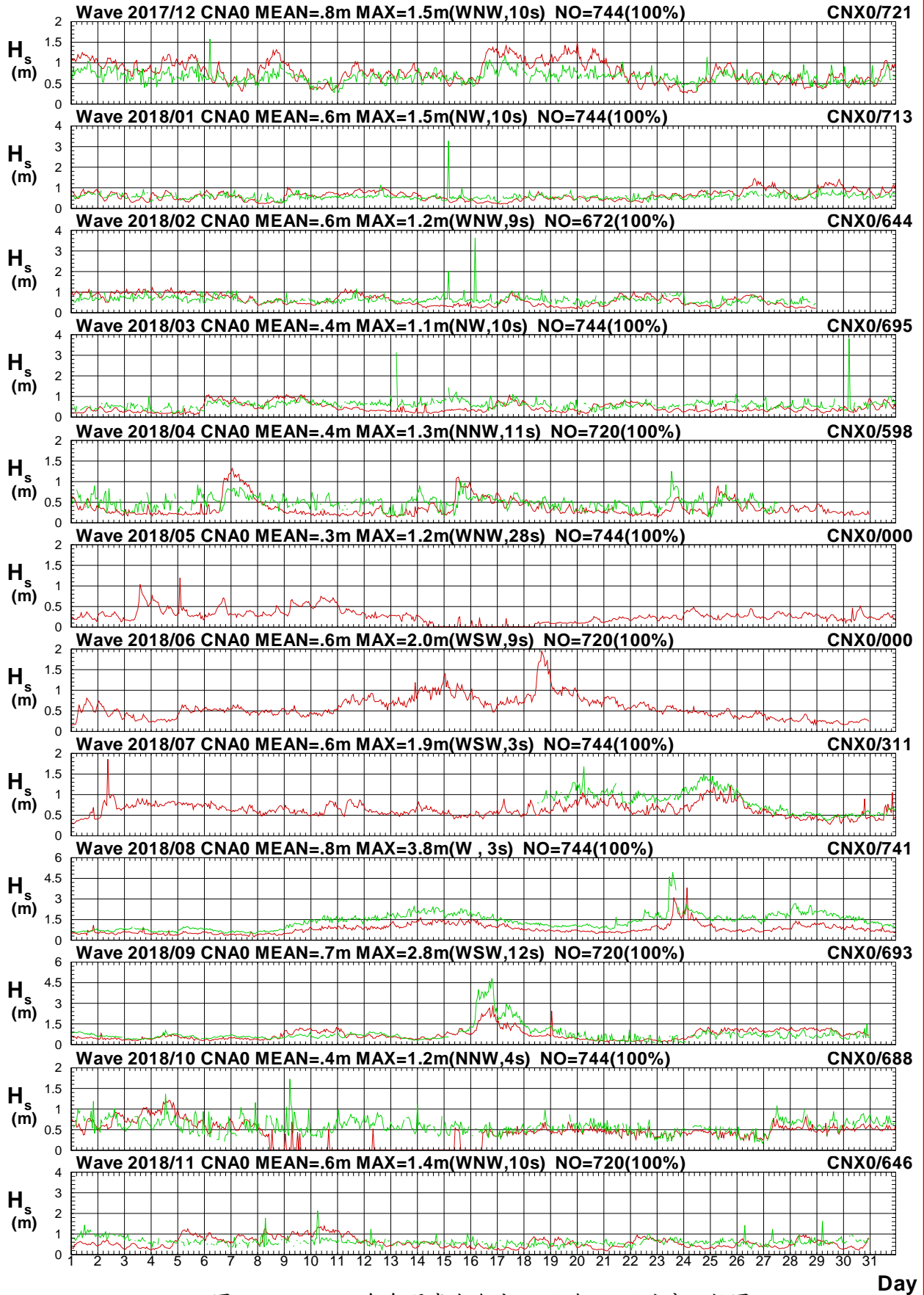


圖2.4.1a 2018年每月嘉南海域 A 站與 X 站波高比較圖

V177CNA0.1HA V177CNX0.1H0 V181CNA0.1HA V181CNX0.1H0 V182CNA0.1HA V182CNX0.1H0
 V183CNA0.1HA V183CNX0.1H0 V184CNA0.1HA V184CNX0.1H0 V185CNA0.1HA V185CNX0.1H0

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Wave T_p in Chia-Nan Seas of CNA0 at 2018

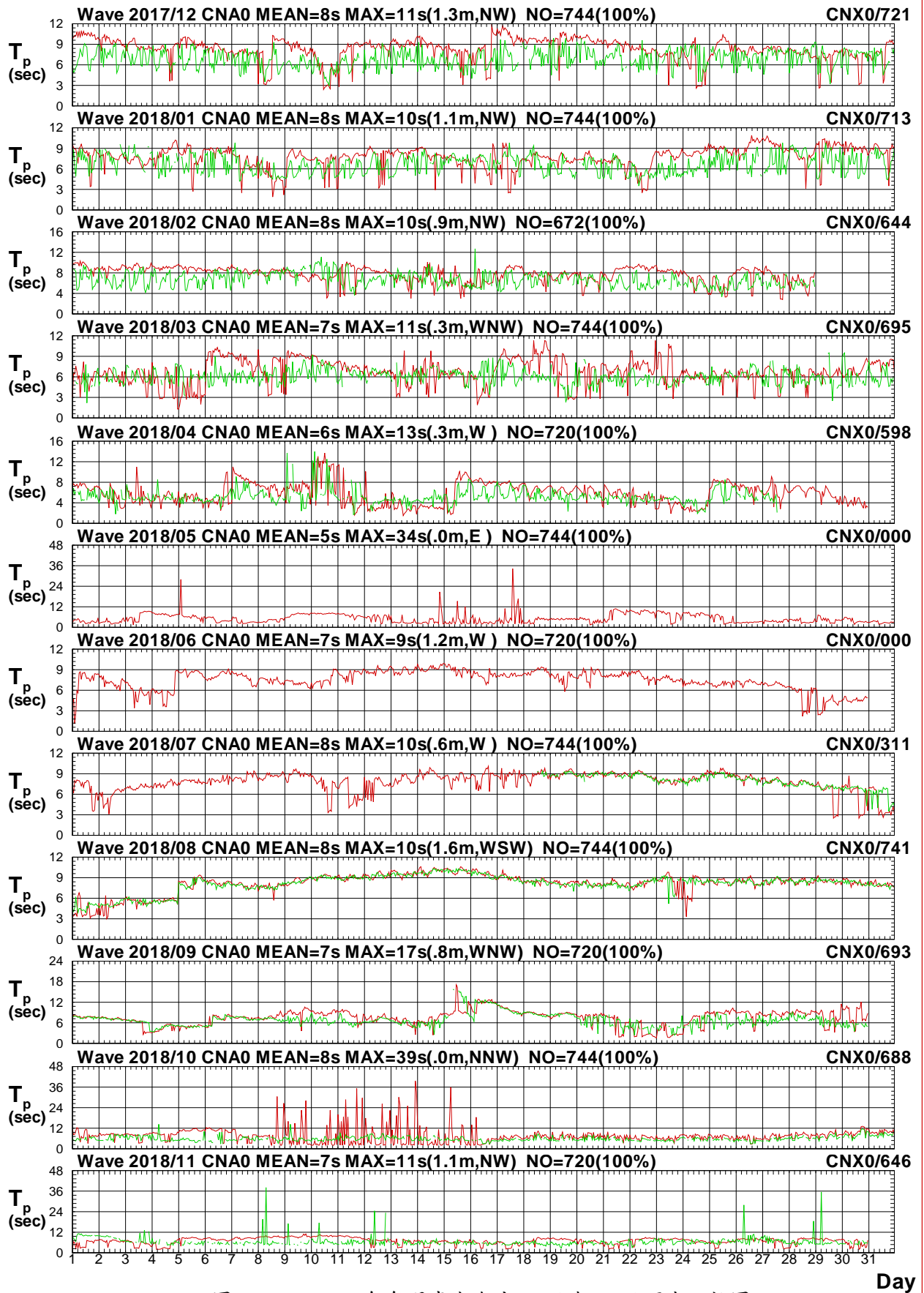


圖2.4.1b 2018年每月嘉南海域 A 站與 X 站週期比較圖

V17CCNA0.1HA V17CCNX0.1H0 V181CNA0.1HA V181CNX0.1H0 V182CNA0.1HA V182CNX0.1H0
 V183CNA0.1HA V183CNX0.1H0 V184CNA0.1HA V184CNX0.1H0 V185CNA0.1HA V185CNX0.1H0

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Wave Direction in Chia-Nan Seas of CNA0 at 2018

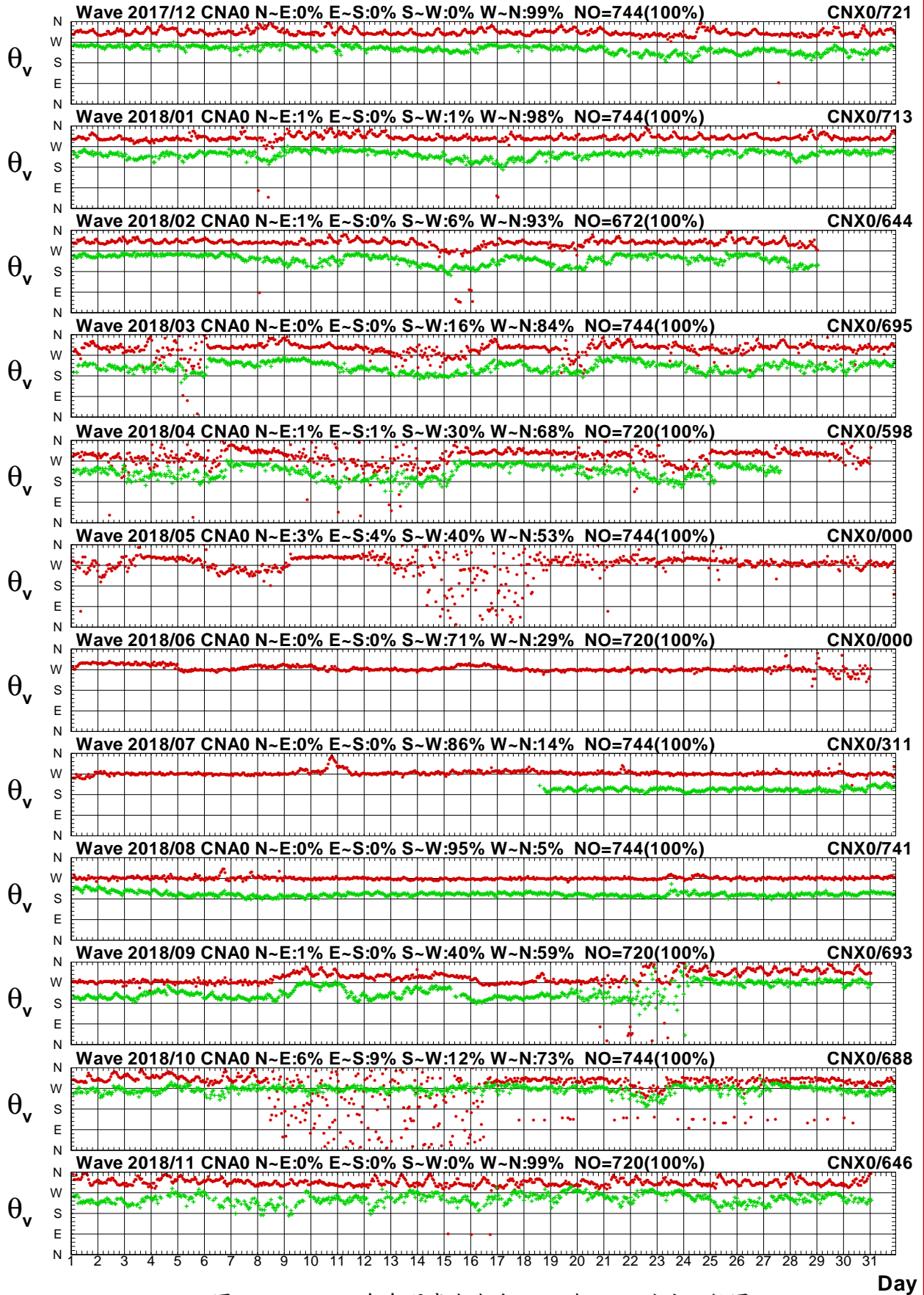


圖2.4.1c 2018年每月嘉南海域 A 站與 X 站波向比較圖

V177CCNA0.1HA V177CCNX0.1H0 V181CNA0.1HA V181CNX0.1H0 V182CNA0.1HA V182CNX0.1H0
 V183CNA0.1HA V183CNX0.1H0 V184CNA0.1HA V184CNX0.1H0 V185CNA0.1HA V185CNX0.1H0

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Wave H_s in Chia-Nan Seas of CNA0 at 2018

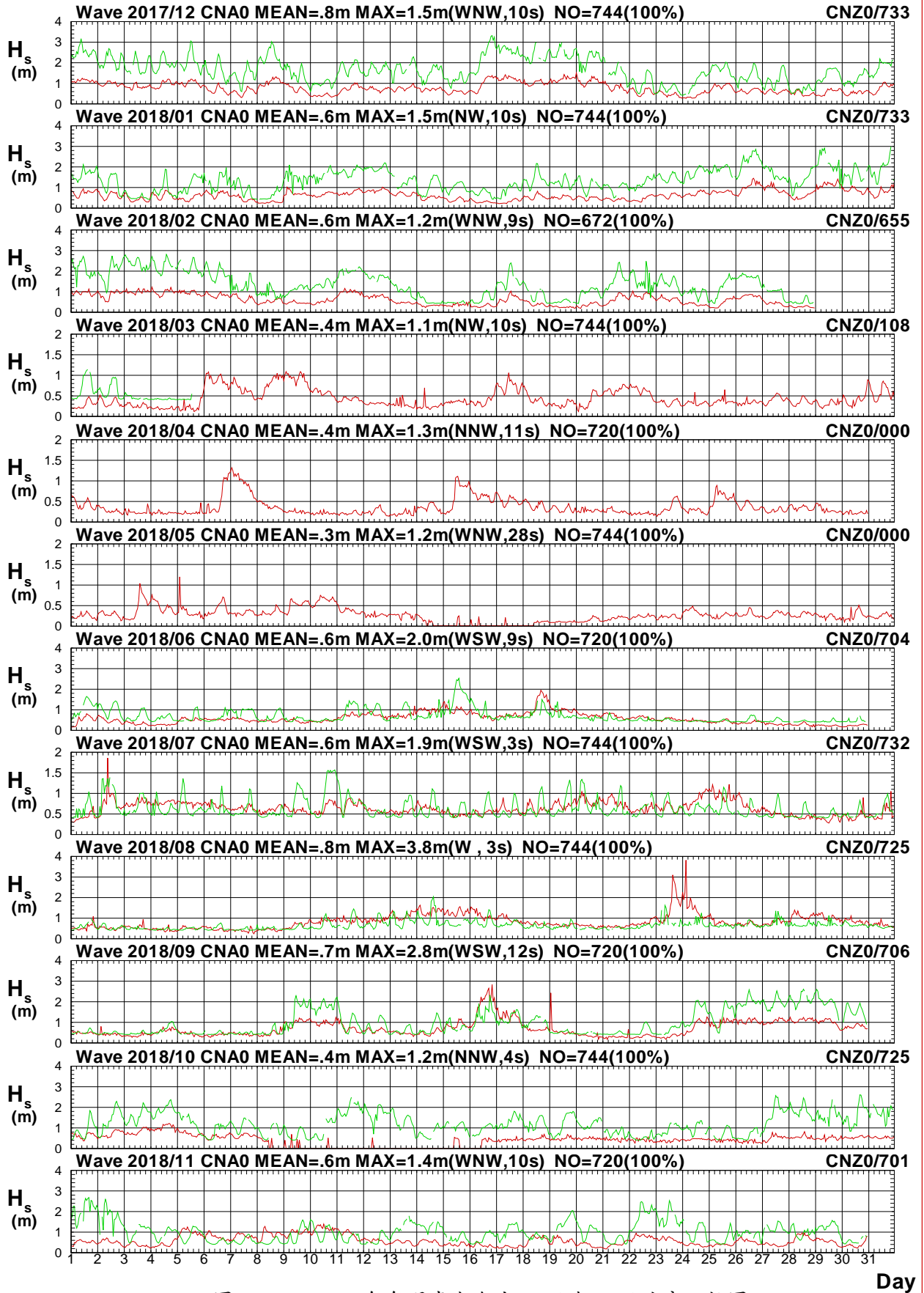


圖2.4.2a 2018年每月嘉南海域 A 站與 B 站波高比較圖

V177CNA0.1HA V177CNZ0.1H0 V181CNA0.1HA V181CNZ0.1H0 V182CNA0.1HA V182CNZ0.1H0
 V183CNA0.1HA V183CNZ0.1H0 V184CNA0.1HA V184CNZ0.1H0 V185CNA0.1HA V185CNZ0.1H0

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Wave T_p in Chia-Nan Seas of CNA0 at 2018

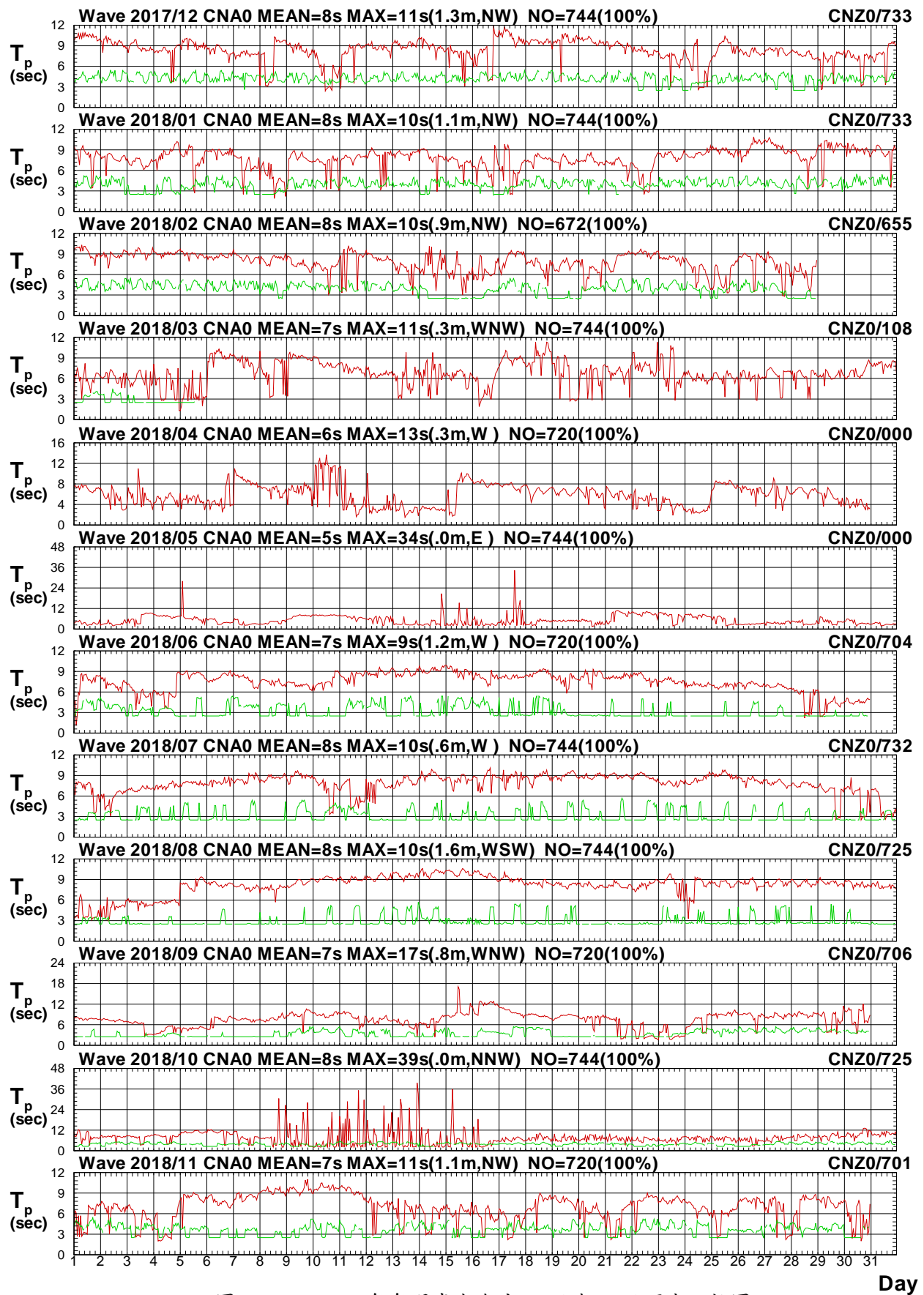


圖2.4.2b 2018年每月嘉南海域 A 站與 Z 站週期比較圖

V177CNA0.1HA V177CNZ0.1H0 V181CNA0.1HA V181CNZ0.1H0 V182CNA0.1HA V182CNZ0.1H0
 V183CNA0.1HA V183CNZ0.1H0 V184CNA0.1HA V184CNZ0.1H0 V185CNA0.1HA V185CNZ0.1H0

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Wave Direction in Chia-Nan Seas of CNA0 at 2018

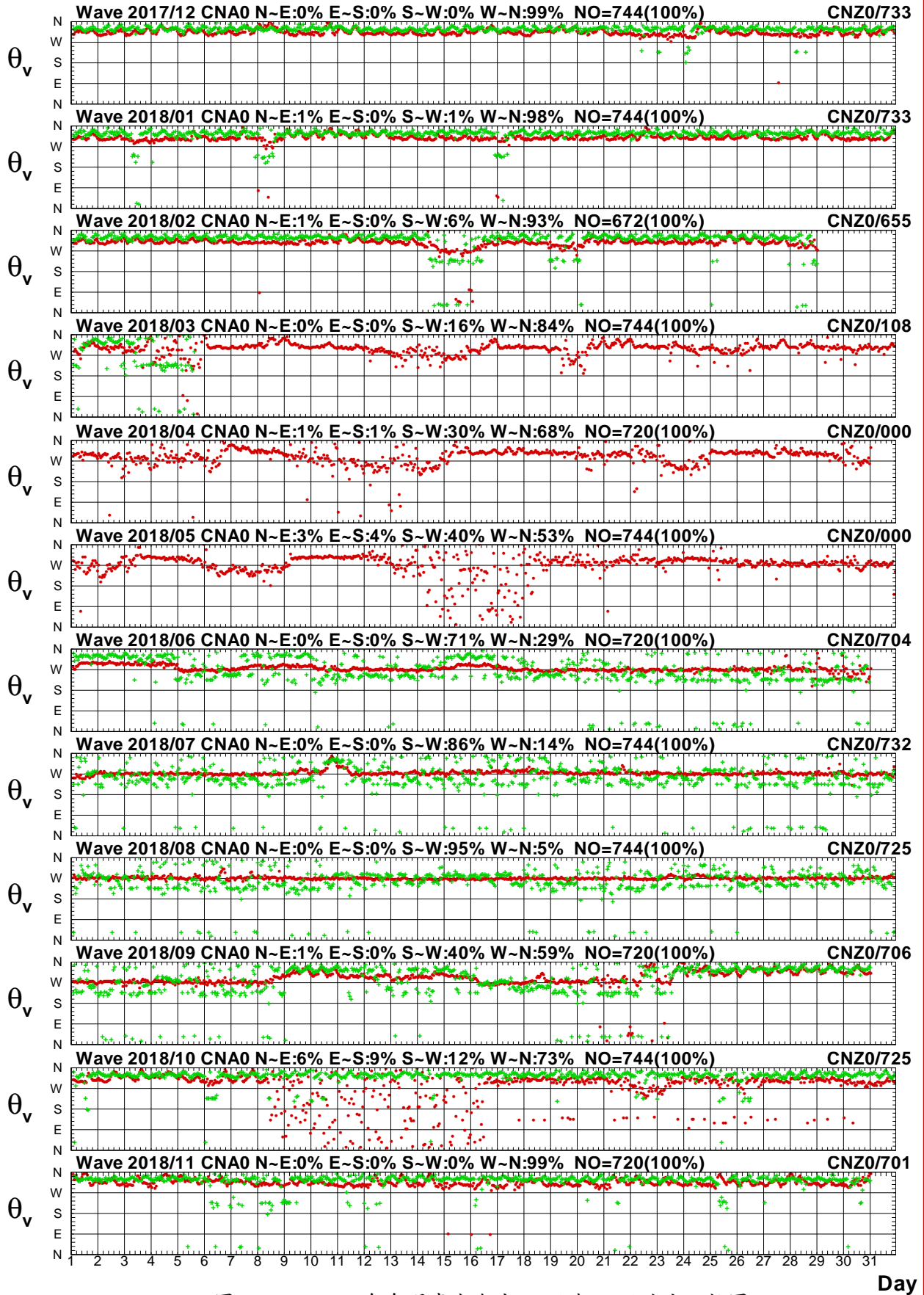


圖2.4.2c 2018年每月嘉南海域 A 站與 Z 站波向比較圖

V177CCNA0.1HA V177CCNZ0.1H0 V181CNA0.1HA V181CNZ0.1H0 V182CNA0.1HA V182CNZ0.1H0
 V183CNA0.1HA V183CNZ0.1H0 V184CNA0.1HA V184CNZ0.1H0 V185CNA0.1HA V185CNZ0.1H0

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Wave H_s in Chia-Nan Seas of CNA0 at 2018

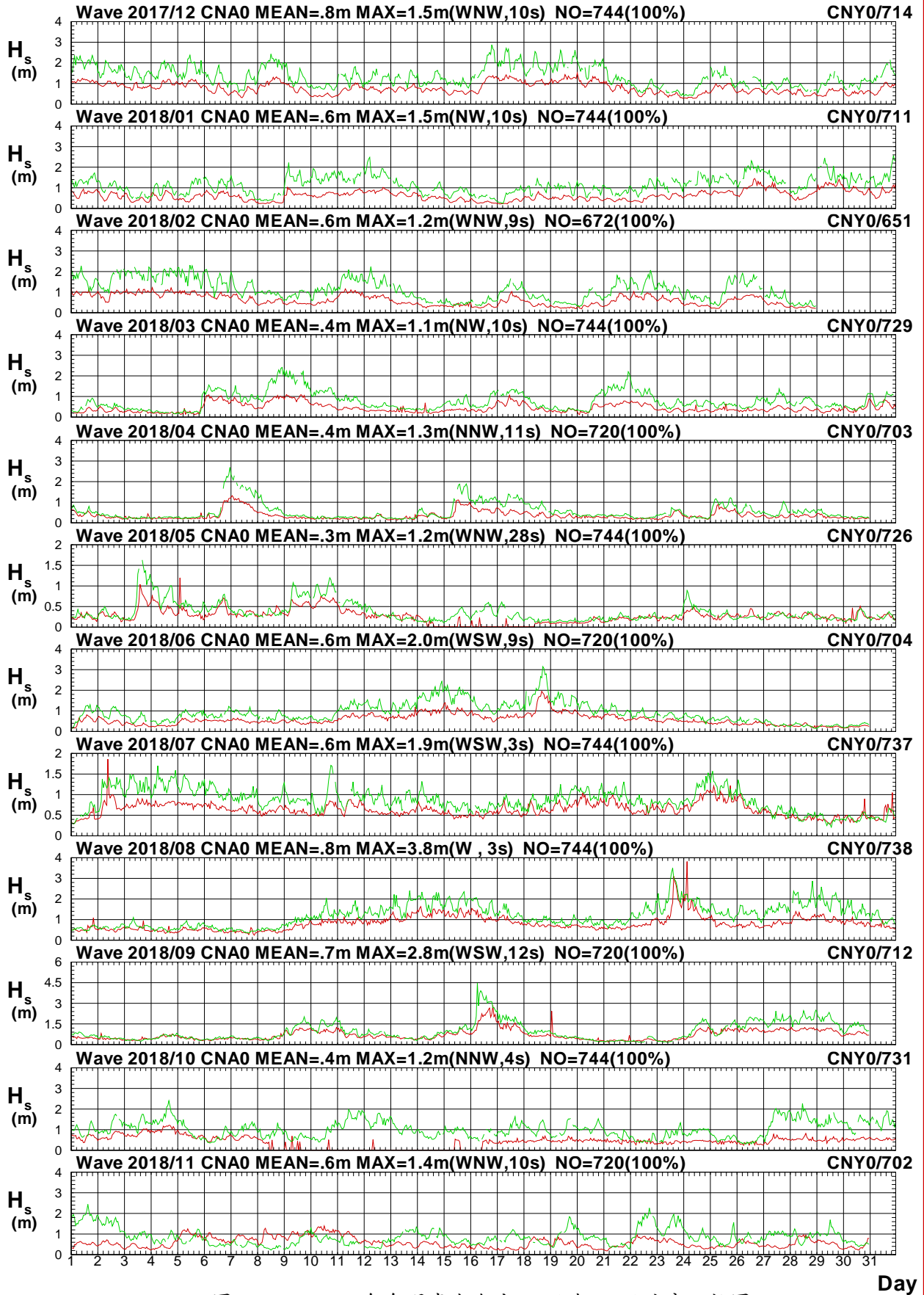


圖2.4.3a 2018年每月嘉南海域 A 站與 Y 站波高比較圖

V177CNA0.1HA V177CCNY0.1H0 V181CNA0.1HA V181CCNY0.1H0 V182CNA0.1HA V182CCNY0.1H0
 V183CNA0.1HA V183CCNY0.1H0 V184CNA0.1HA V184CCNY0.1H0 V185CNA0.1HA V185CCNY0.1H0

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Wave T_p in Chia-Nan Seas of CNA0 at 2018

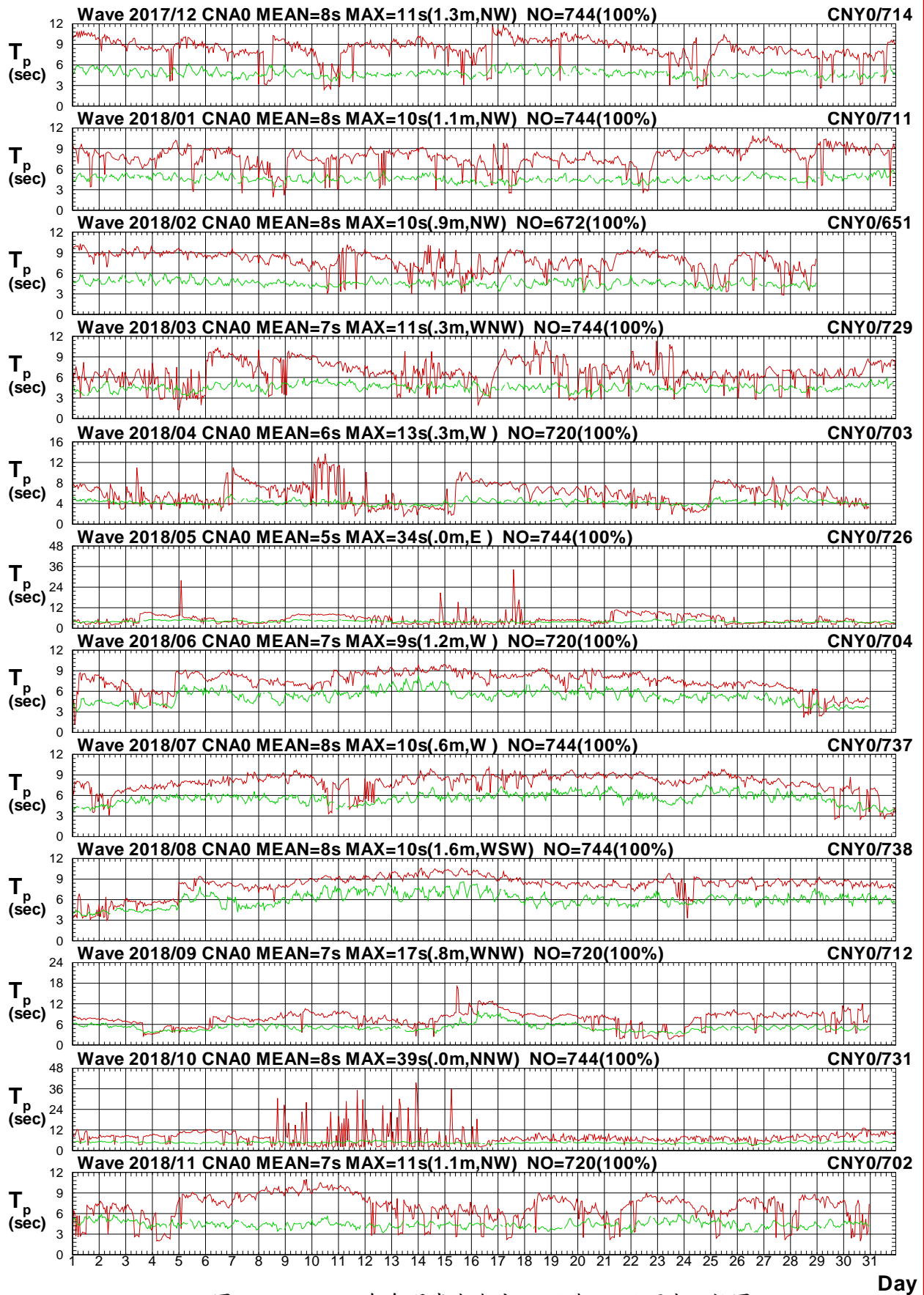


圖2.4.3b 2018年每月嘉南海域 A 站與 Y 站週期比較圖

V17CCNA0.1HA V17CCNY0.1H0 V181CNA0.1HA V181CNY0.1H0 V182CNA0.1HA V182CNY0.1H0
 V183CNA0.1HA V183CNY0.1H0 V184CNA0.1HA V184CNY0.1H0 V185CNA0.1HA V185CNY0.1H0

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Wave Direction in Chia-Nan Seas of CNA0 at 2018

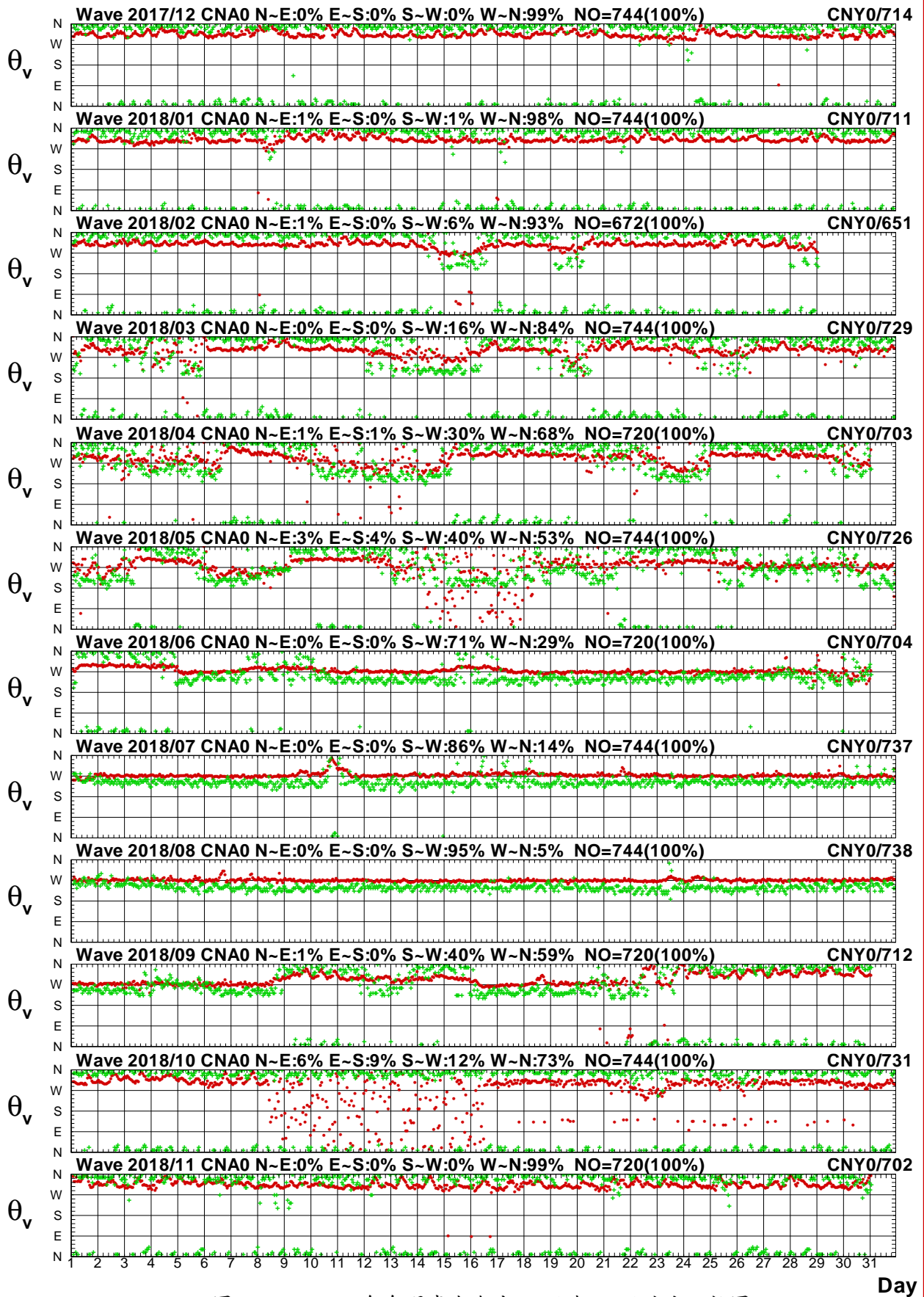


圖2.4.3c 2018年每月嘉南海域 A 站與 Y 站波向比較圖

V177CNA0.1HA V177CCNY0.1H0 V181CNA0.1HA V181CCNY0.1H0 V182CNA0.1HA V182CCNY0.1H0
 V183CNA0.1HA V183CCNY0.1H0 V184CNA0.1HA V184CCNY0.1H0 V185CNA0.1HA V185CCNY0.1H0

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Wave H_s in Chia-Nan Seas of CNA0 at 2018

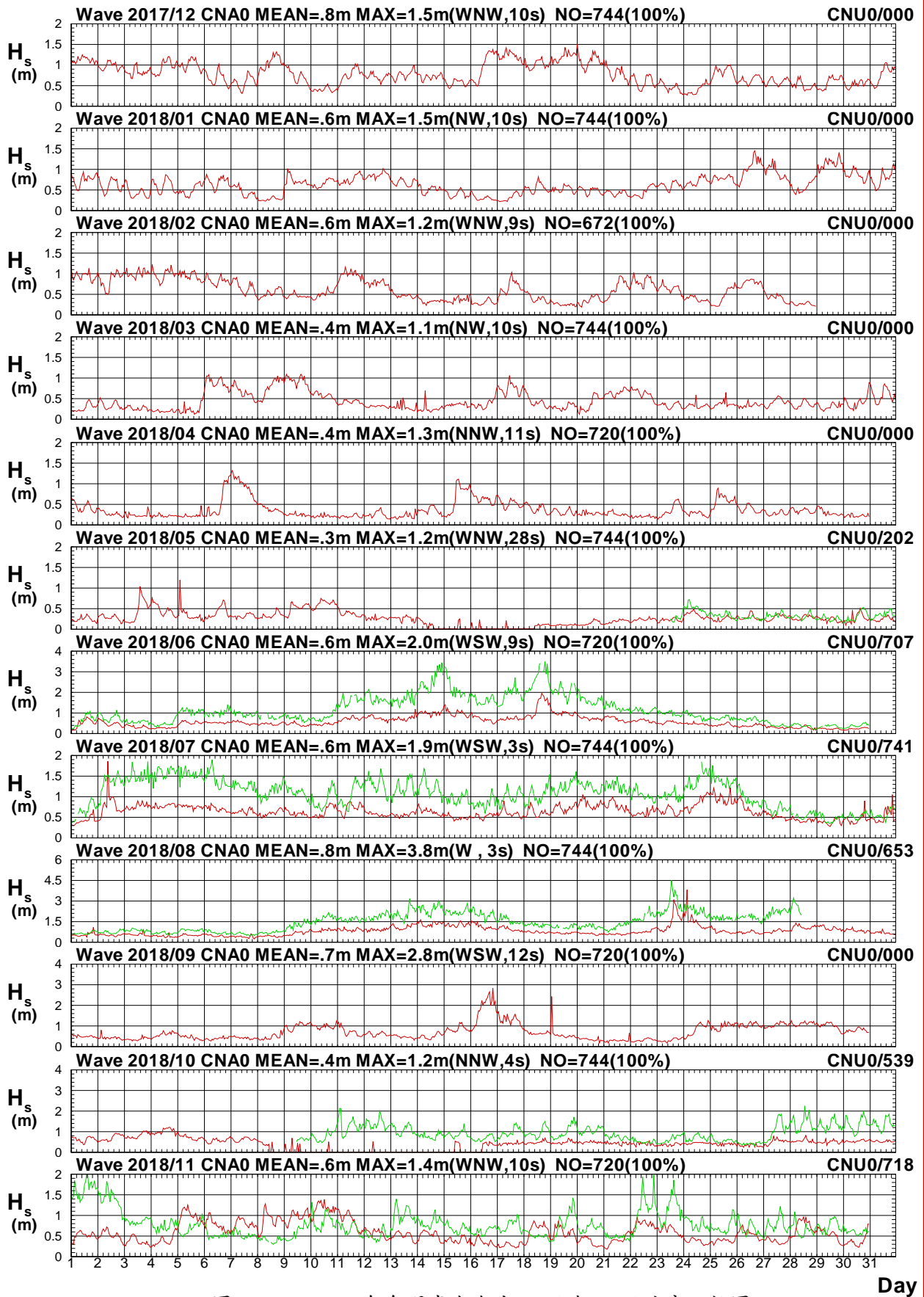


圖2.4.4a 2018年每月嘉南海域 A 站與 U 站波高比較圖

V17CCNA0.1HA V17CCNU0.1H0 V181CNA0.1HA V181CNU0.1H0 V182CNA0.1HA V182CNU0.1H0
 V183CNA0.1HA V183CNU0.1H0 V184CNA0.1HA V184CNU0.1H0 V185CNA0.1HA V185CNU0.1H0

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Wave T_p in Chia-Nan Seas of CNA0 at 2018

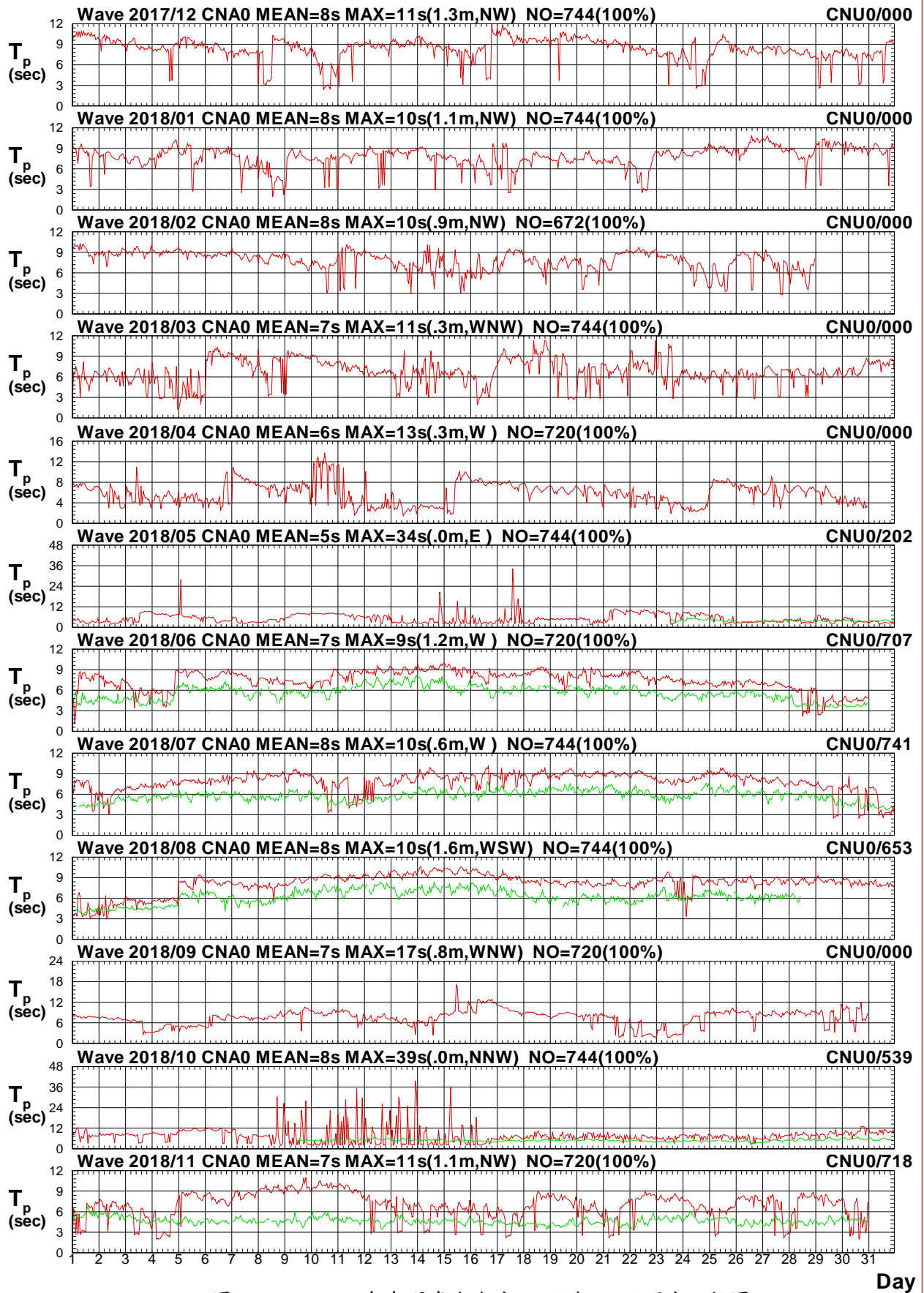


圖2.4.4b 2018年每月嘉南海域 A 站與 U 站週期比較圖

V17CCNA0.1HA V17CCNU0.1H0 V181CNA0.1HA V181CNU0.1H0 V182CNA0.1HA V182CNU0.1H0
 V183CNA0.1HA V183CNU0.1H0 V184CNA0.1HA V184CNU0.1H0 V185CNA0.1HA V185CNU0.1H0

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Wave Direction in Chia-Nan Seas of CNA0 at 2018

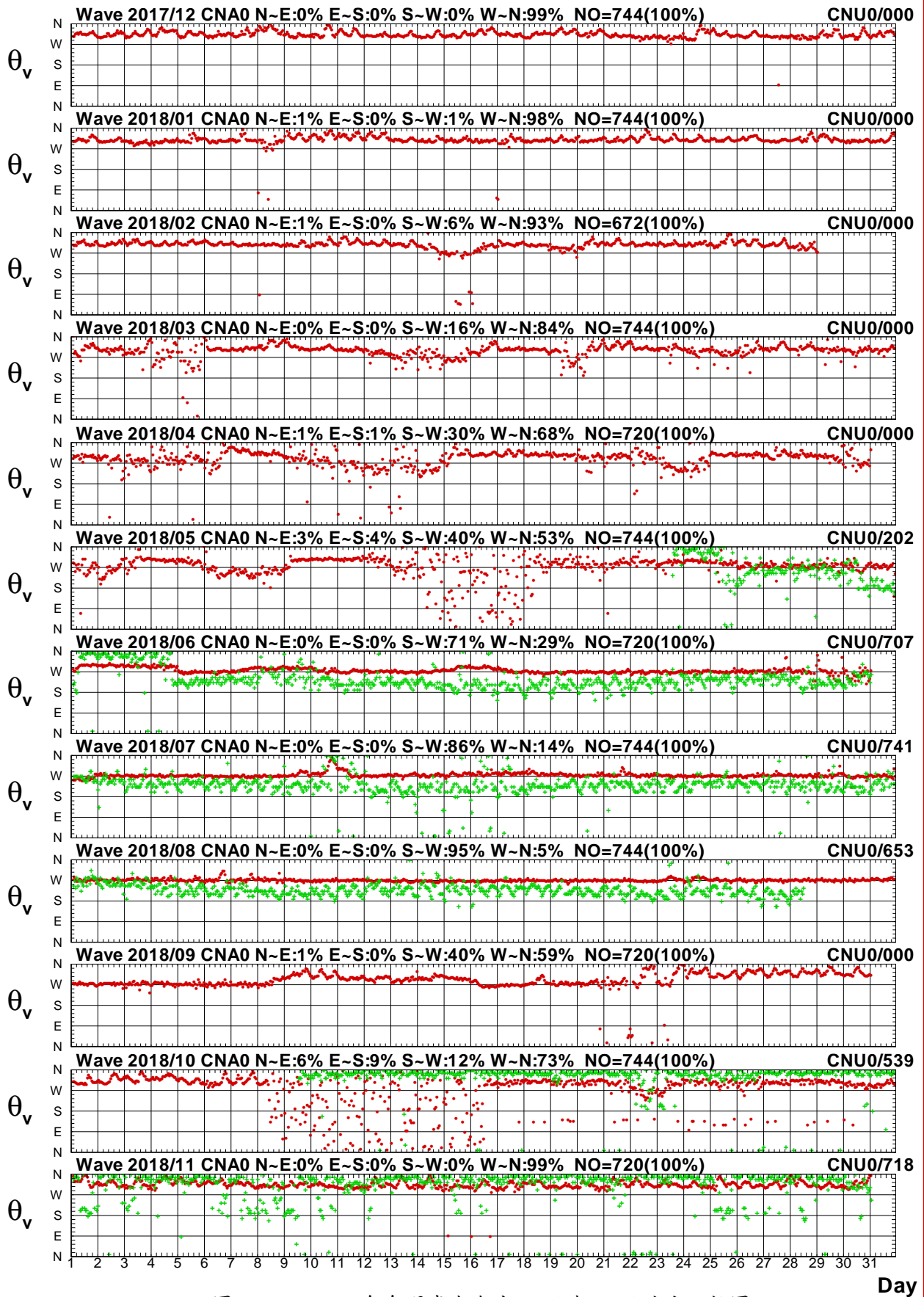


圖2.4.4c 2018年每月嘉南海域 A 站與 U 站波向比較圖

V17CCNA0.1HA V17CCNU0.1H0 V181CNA0.1HA V181CNU0.1H0 V182CNA0.1HA V182CNU0.1H0
 V183CNA0.1HA V183CNU0.1H0 V184CNA0.1HA V184CNU0.1H0 V185CNA0.1HA V185CNU0.1H0

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Wave H_s in Chia-Nan Seas of CNA0 at 2018

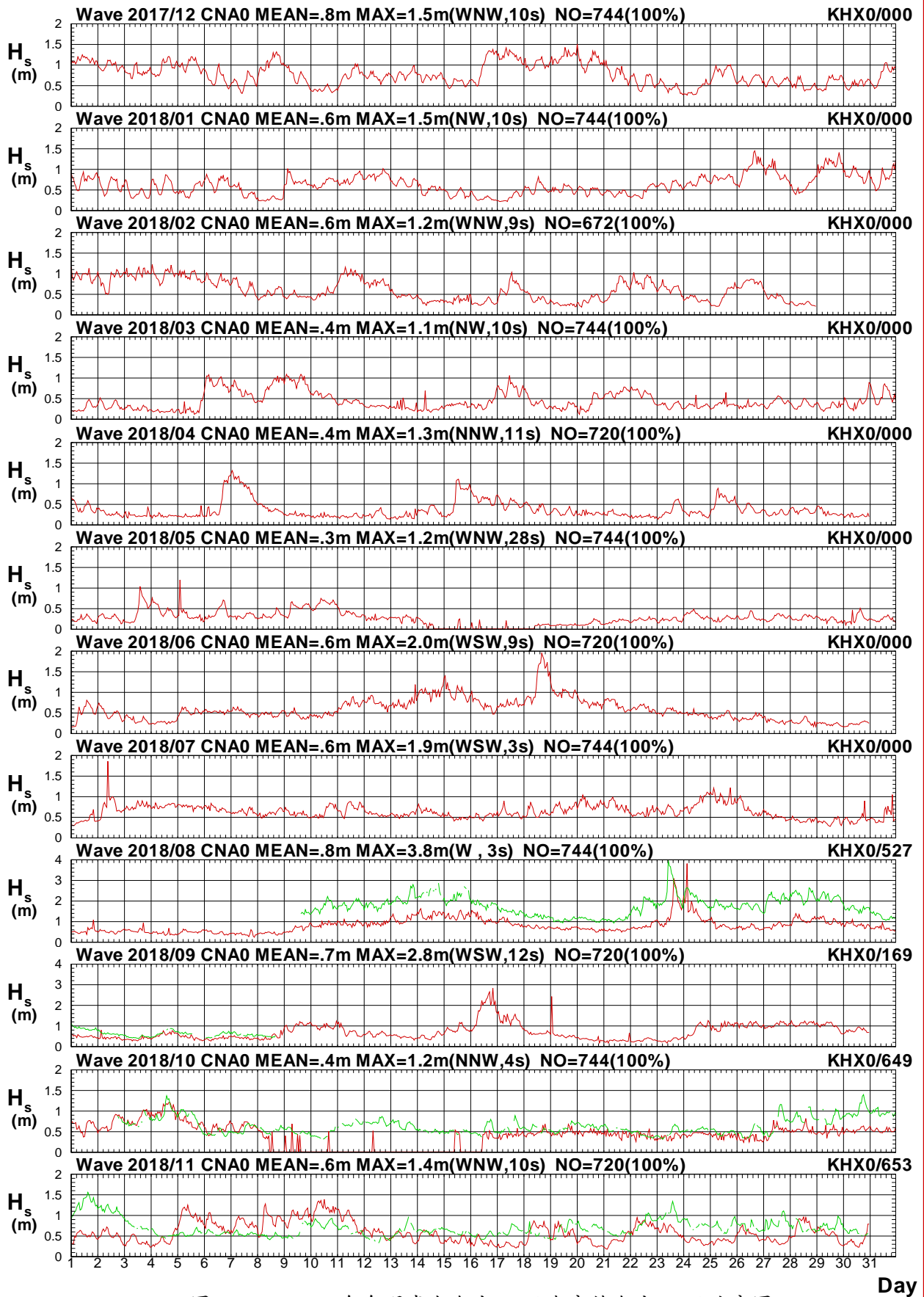


圖2.4.5a 2018年每月嘉南海域 A 站與高雄海域 X 站波高圖

V17CCNA0.1HA V17CKHX0.1H0 V181CNA0.1HA V181KHX0.1H0 V182CNA0.1HA V182KHX0.1H0
 V183CNA0.1HA V183KHX0.1H0 V184CNA0.1HA V184KHX0.1H0 V185CNA0.1HA V185KHX0.1H0

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Wave T_p in Chia-Nan Seas of CNA0 at 2018

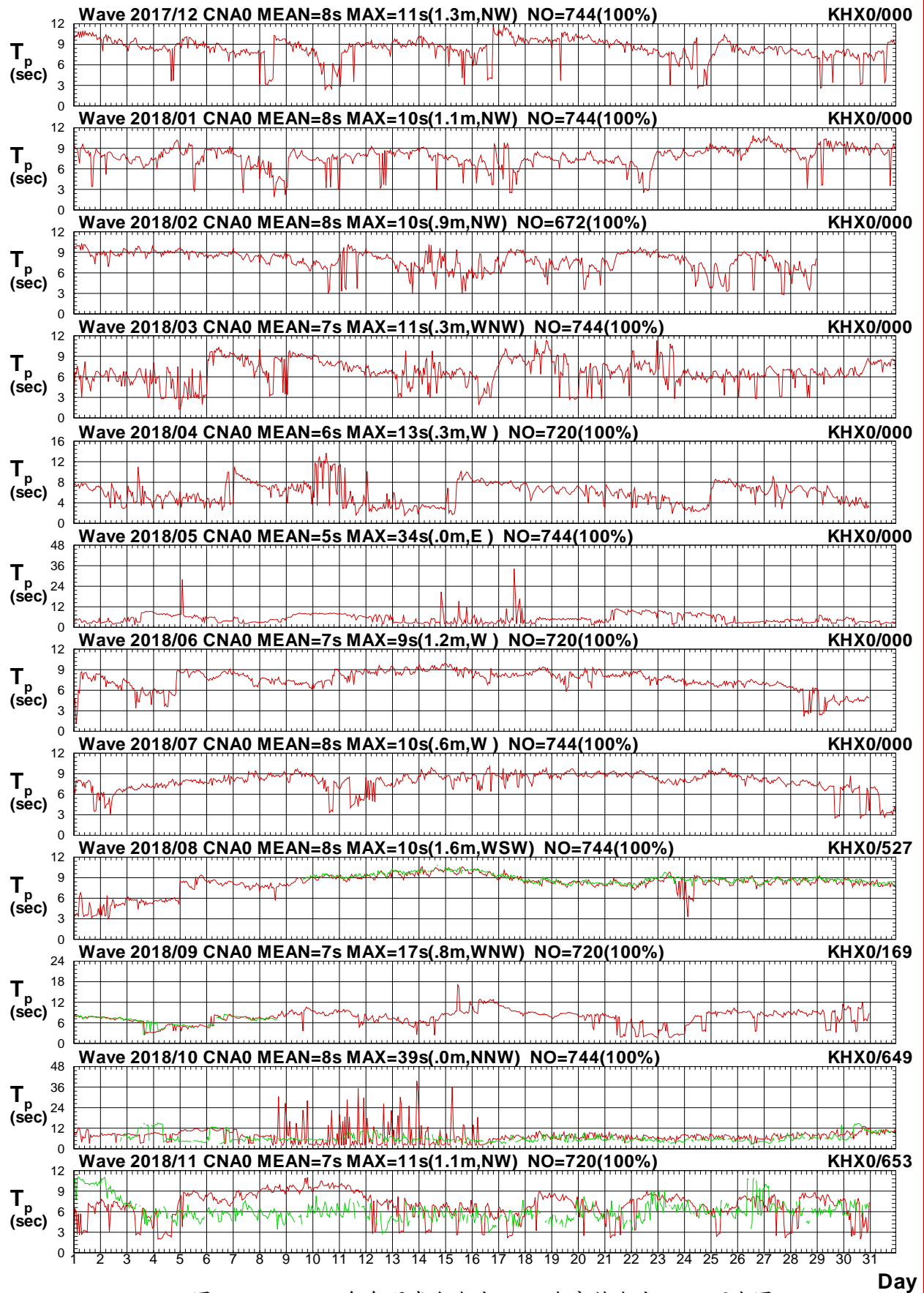


圖2.4.5b 2018年每月嘉南海域 A 站與高雄海域 X 站週期圖

V17CCNA0.1HA V17CKHX0.1H0 V181CNA0.1HA V181KHX0.1H0 V182CNA0.1HA V182KHX0.1H0
 V183CNA0.1HA V183KHX0.1H0 V184CNA0.1HA V184KHX0.1H0 V185CNA0.1HA V185KHX0.1H0

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Wave Direction in Chia-Nan Seas of CNA0 at 2018

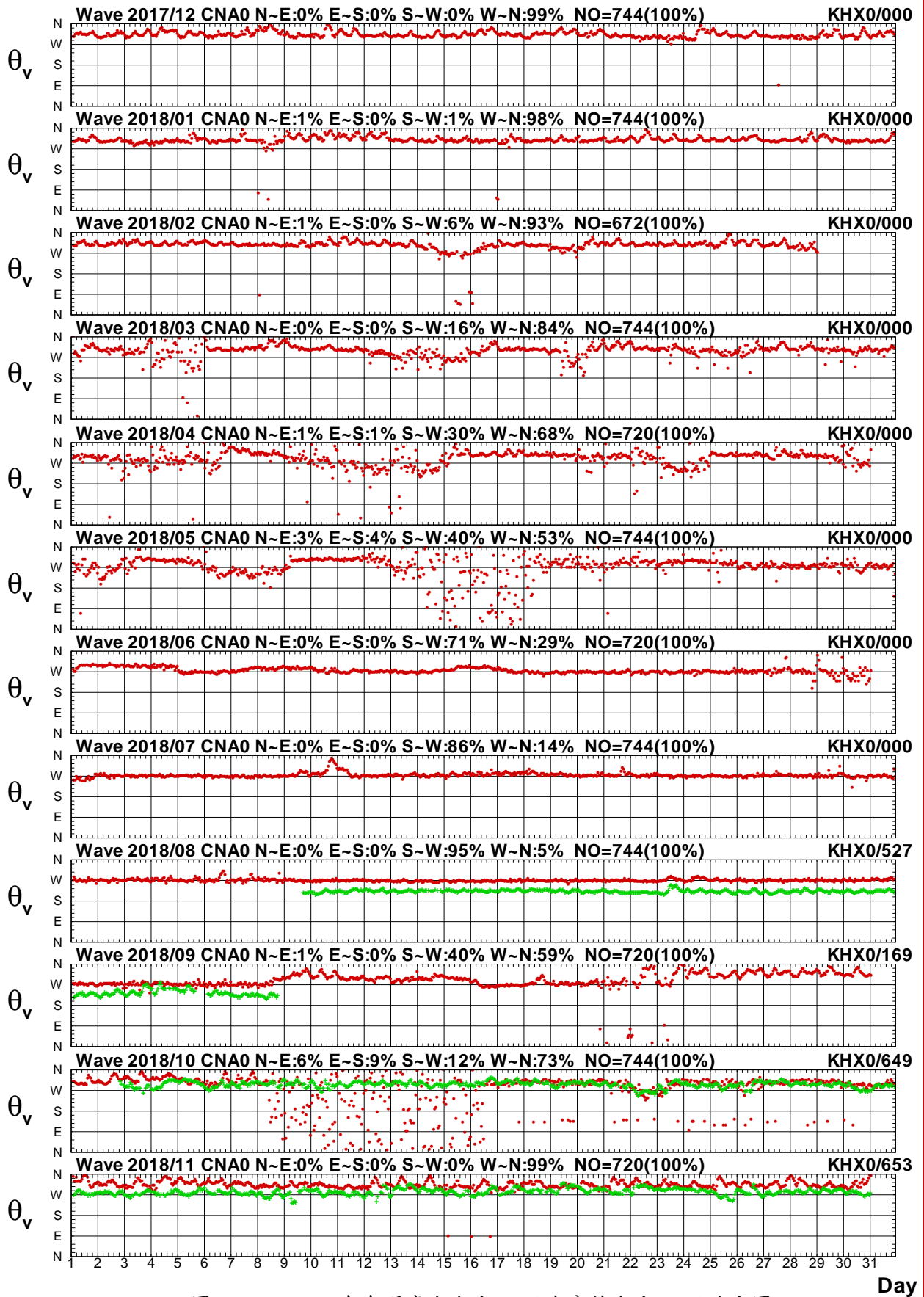


圖2.4.5c 2018年每月嘉南海域 A 站與高雄海域 X 站波向圖

V177CCNA0.1HA V177CKHX0.1H0 V181CNA0.1HA V181KHX0.1H0 V182CNA0.1HA V182KHX0.1H0
 V183CNA0.1HA V183KHX0.1H0 V184CNA0.1HA V184KHX0.1H0 V185CNA0.1HA V185KHX0.1H0

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Wave H_s in Chia-Nan Seas of CNA0 at 2018

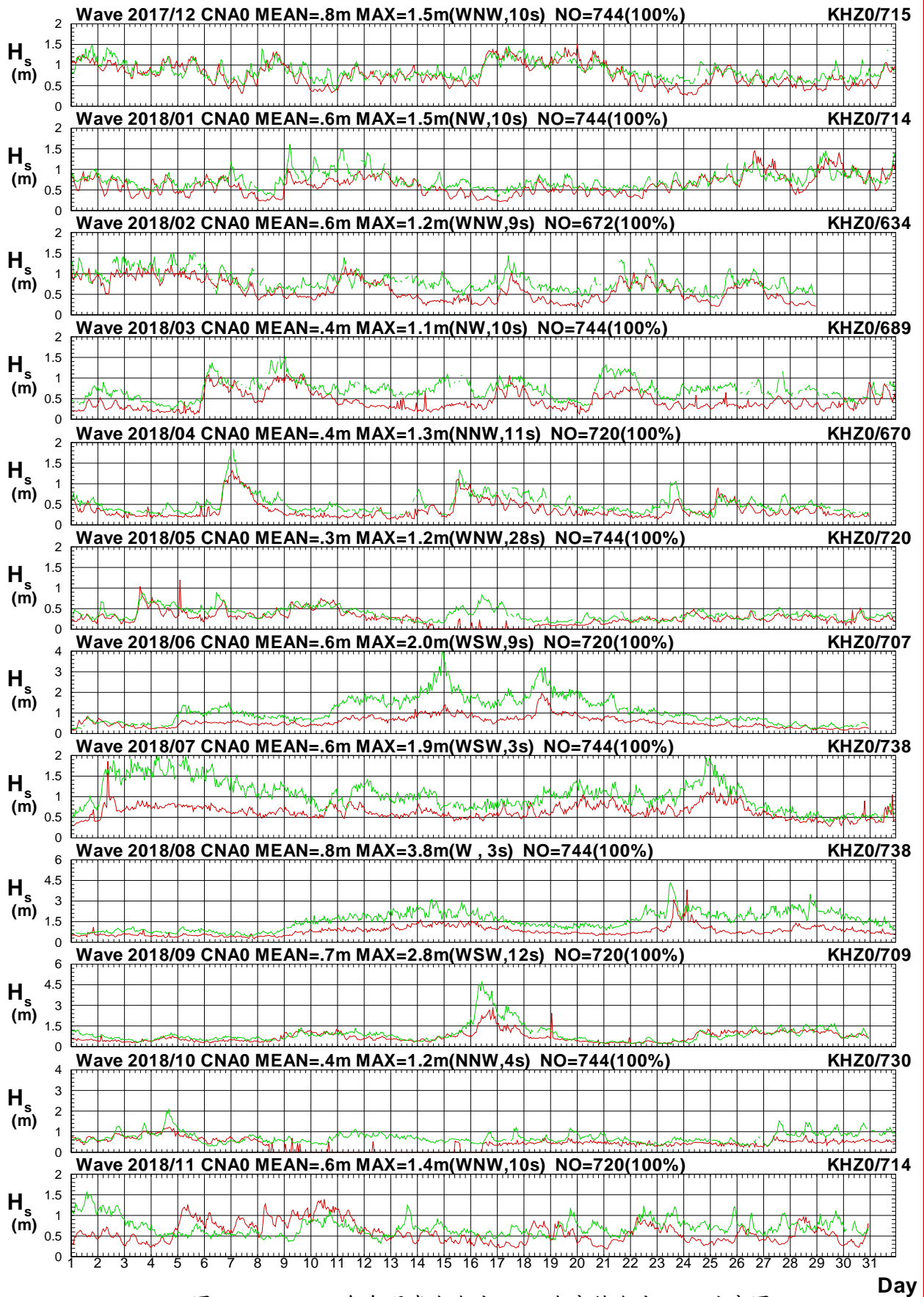


圖2.4.6a 2018年每月嘉南海域 A 站與高雄海域 Z 站波高圖

V17CCNA0.1HA V17CKHZ0.1H0 V181CNA0.1HA V181KHZ0.1H0 V182CNA0.1HA V182KHZ0.1H0
 V183CNA0.1HA V183KHZ0.1H0 V184CNA0.1HA V184KHZ0.1H0 V185CNA0.1HA V185KHZ0.1H0

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Wave T_p in Chia-Nan Seas of CNA0 at 2018

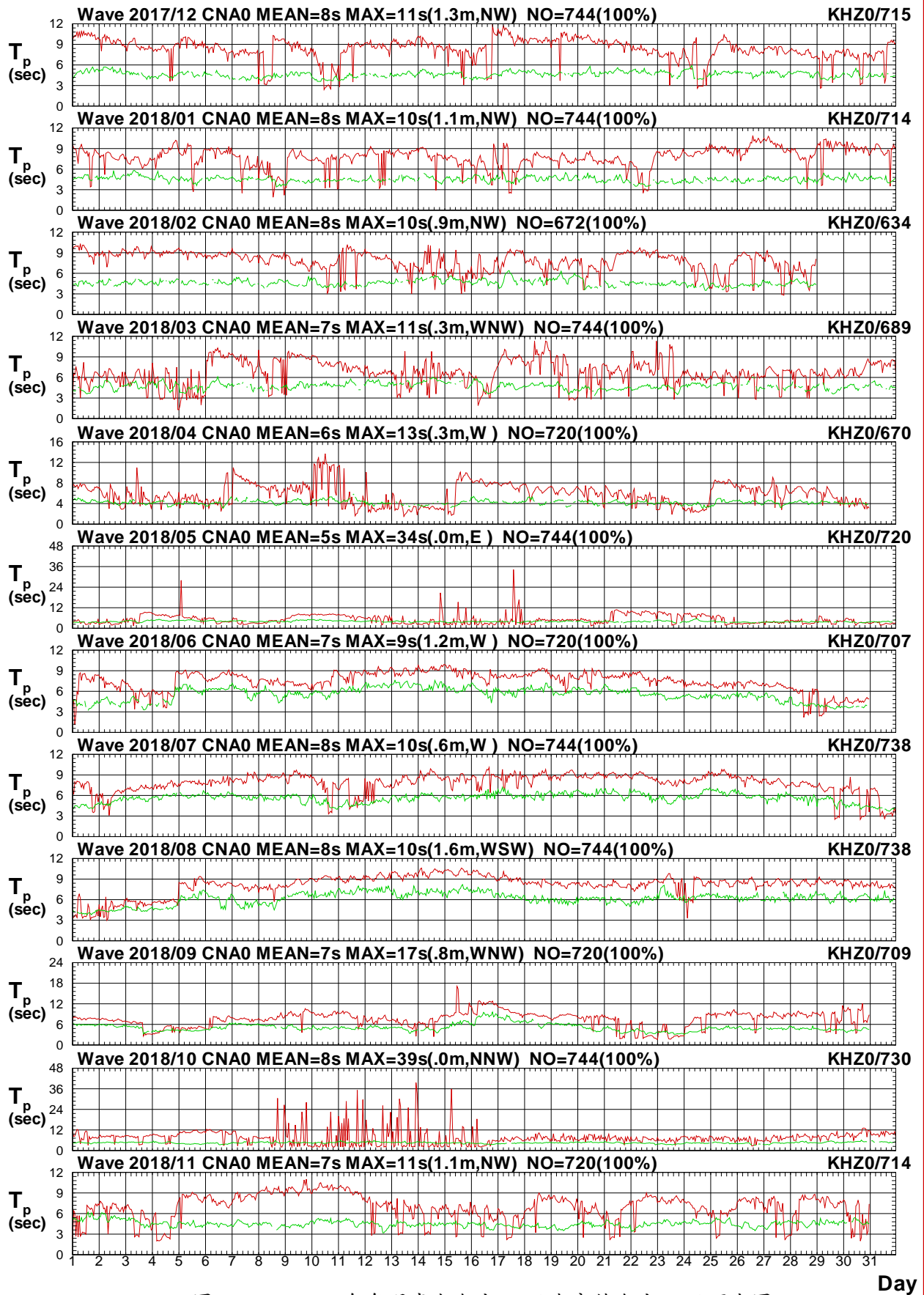


圖2.4.6b 2018年每月嘉南海域 A 站與高雄海域 Z 站週期圖

V17CCNA0.1HA V17CKHZ0.1H0 V181CNA0.1HA V181KHZ0.1H0 V182CNA0.1HA V182KHZ0.1H0
 V183CNA0.1HA V183KHZ0.1H0 V184CNA0.1HA V184KHZ0.1H0 V185CNA0.1HA V185KHZ0.1H0

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Wave Direction in Chia-Nan Seas of CNA0 at 2018

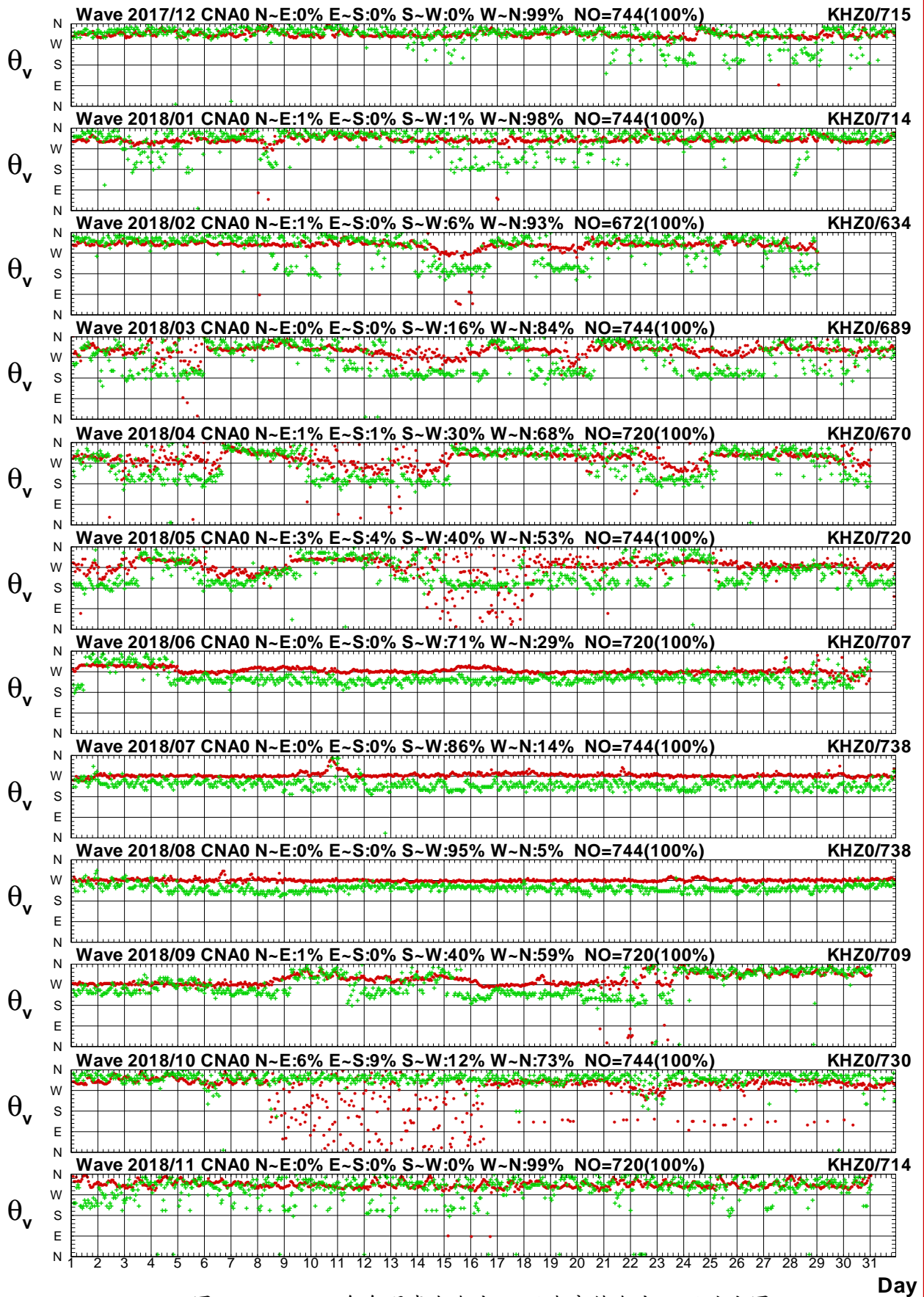


圖2.4.6c 2018年每月嘉南海域 A 站與高雄海域 Z 站波向圖

V177CNA0.1HA V177CKHZ0.1H0 V181CNA0.1HA V181KHZ0.1H0 V182CNA0.1HA V182KHZ0.1H0
 V183CNA0.1HA V183KHZ0.1H0 V184CNA0.1HA V184KHZ0.1H0 V185CNA0.1HA V185KHZ0.1H0

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Wave H_s in Chia-Nan Seas of CNA0 at 2018

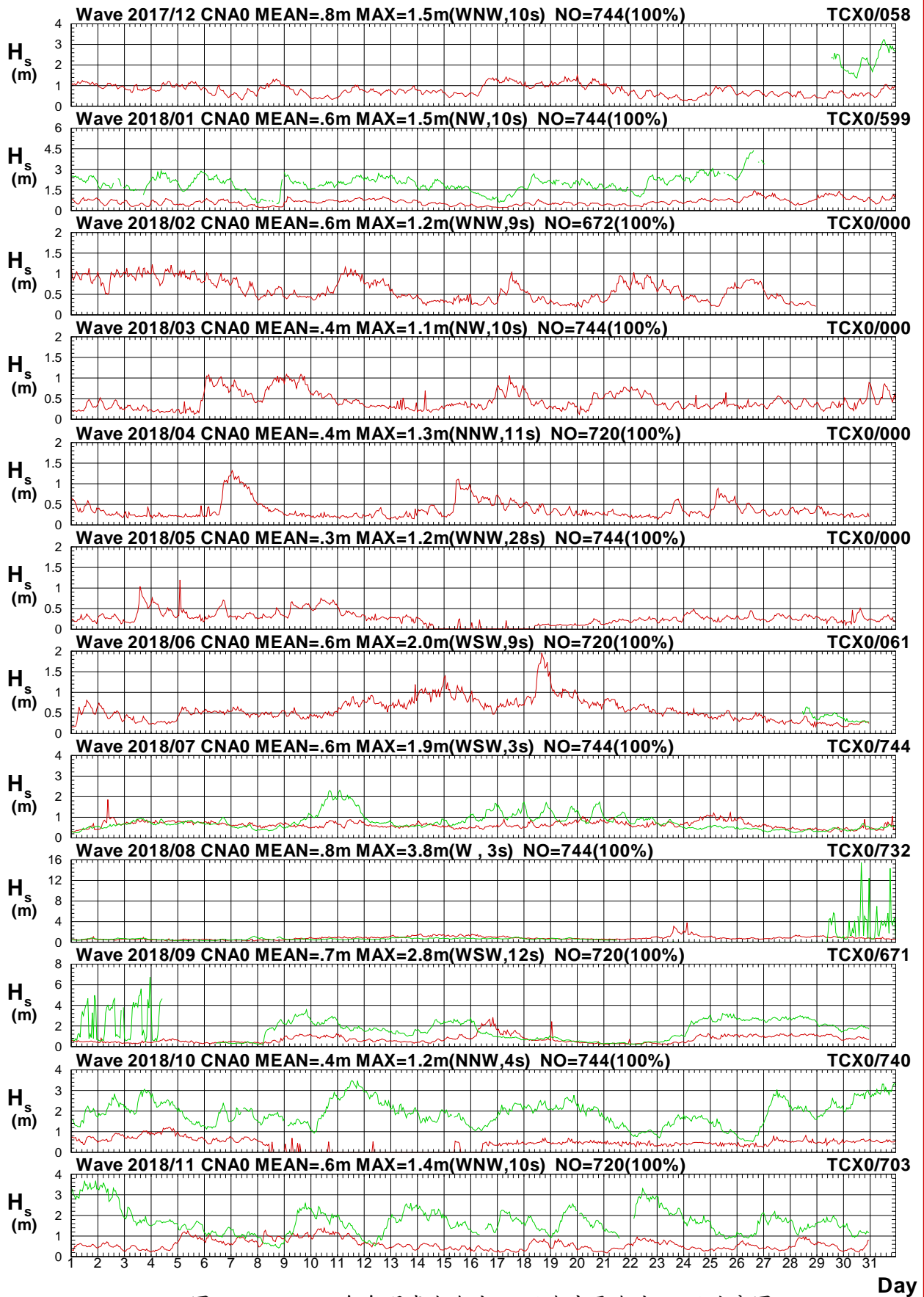


圖2.4.7a 2018年每月嘉南海域 A 站與中雲海域 X 站波高圖

V177CNA0.1HA V177TCX0.1H0 V181CNA0.1HA V181TCX0.1H0 V182CNA0.1HA V182TCX0.1H0
 V183CNA0.1HA V183TCX0.1H0 V184CNA0.1HA V184TCX0.1H0 V185CNA0.1HA V185TCX0.1H0

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Wave T_p in Chia-Nan Seas of CNA0 at 2018

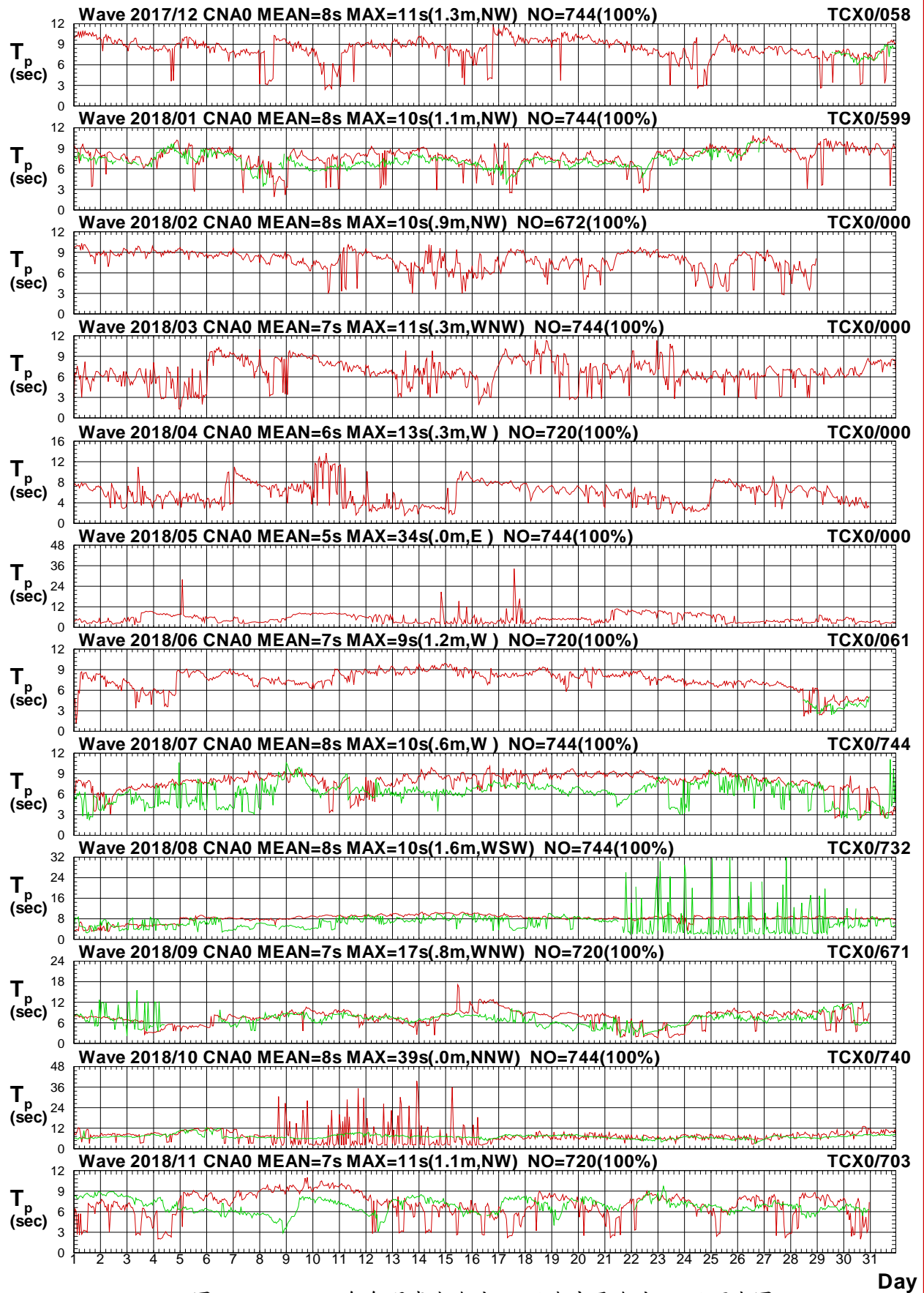


圖2.4.7b 2018年每月嘉南海域 A 站與中雲海域 X 站週期圖

V17CCNA0.1HA V17CTCX0.1H0 V181CNA0.1HA V181TCX0.1H0 V182CNA0.1HA V182TCX0.1H0
 V183CNA0.1HA V183TCX0.1H0 V184CNA0.1HA V184TCX0.1H0 V185CNA0.1HA V185TCX0.1H0

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Wave Direction in Chia-Nan Seas of CNA0 at 2018

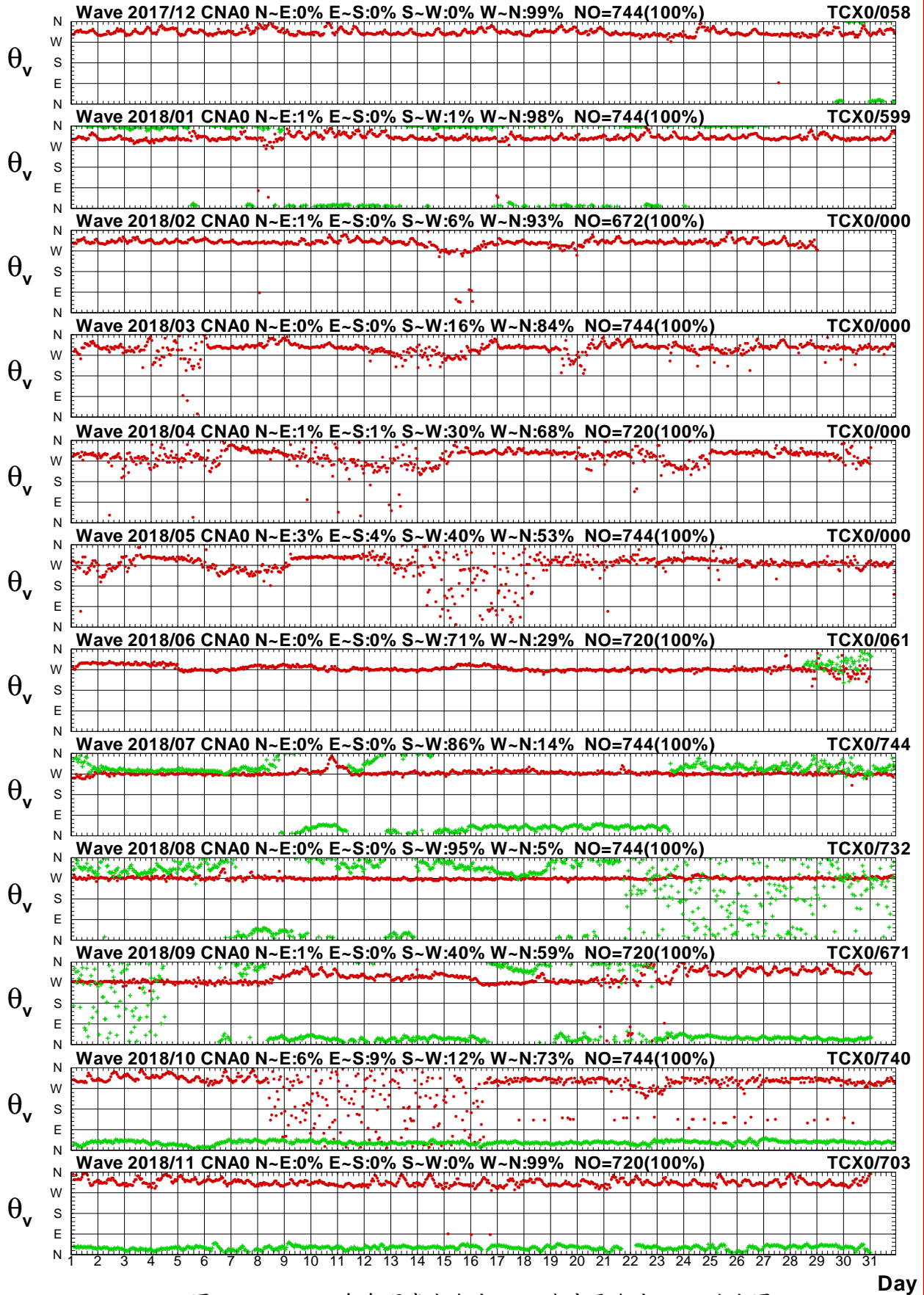


圖2.4.7c 2018年每月嘉南海域 A 站與中雲海域 X 站波向圖

V177CNA0.1HA V177CTCX0.1H0 V181CNA0.1HA V181TCX0.1H0 V182CNA0.1HA V182TCX0.1H0
 V183CNA0.1HA V183TCX0.1H0 V184CNA0.1HA V184TCX0.1H0 V185CNA0.1HA V185TCX0.1H0

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Wave H_s in Chia-Nan Seas of CNA0 at 2018

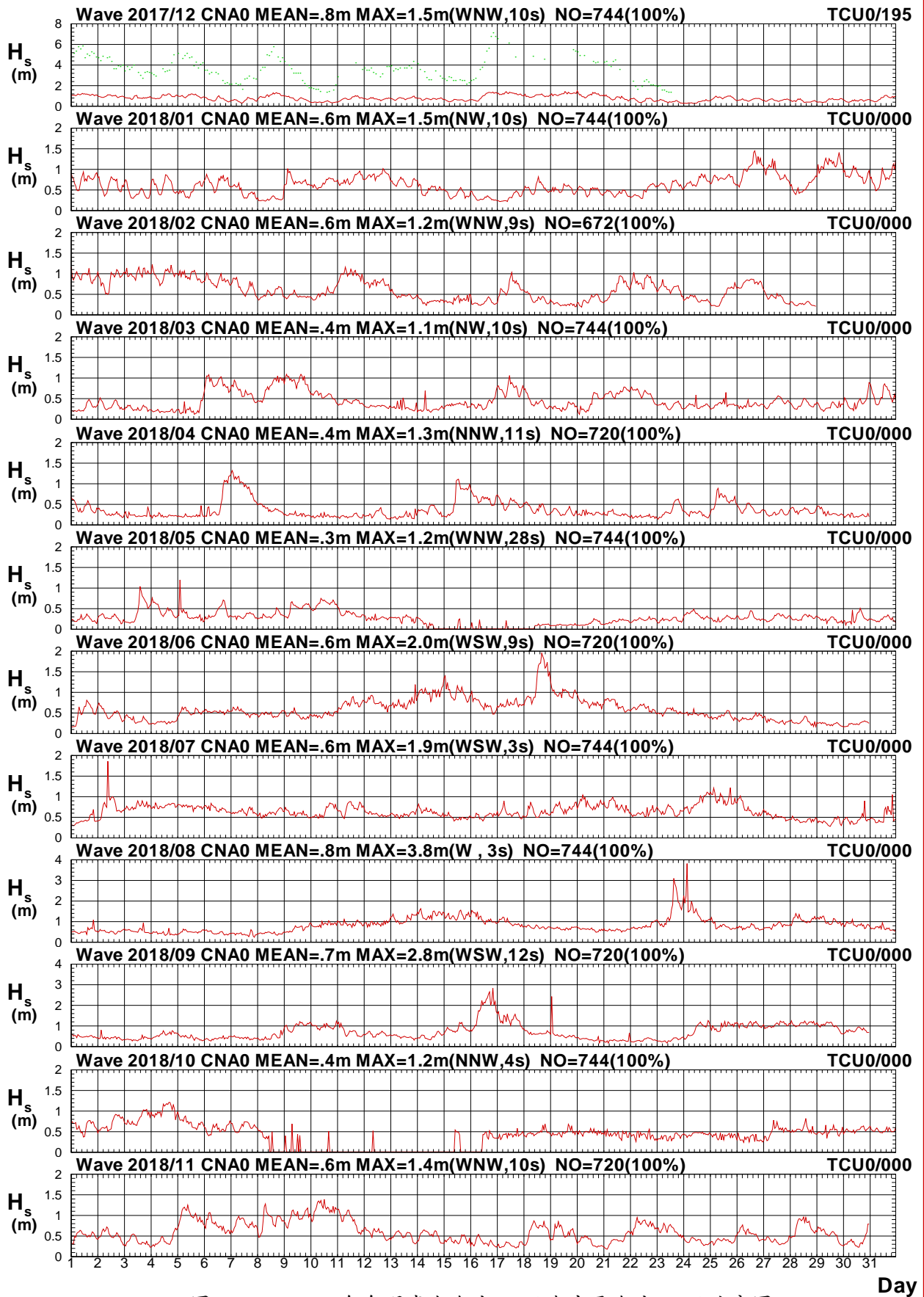


圖2.4.8a 2018年每月嘉南海域 A 站與中雲海域 U 站波高圖

V17CCNA0.1HA V17CTCU0.1H0 V181CNA0.1HA V181TCU0.1H0 V182CNA0.1HA V182TCU0.1H0
 V183CNA0.1HA V183TCU0.1H0 V184CNA0.1HA V184TCU0.1H0 V185CNA0.1HA V185TCU0.1H0

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Wave T_p in Chia-Nan Seas of CNA0 at 2018

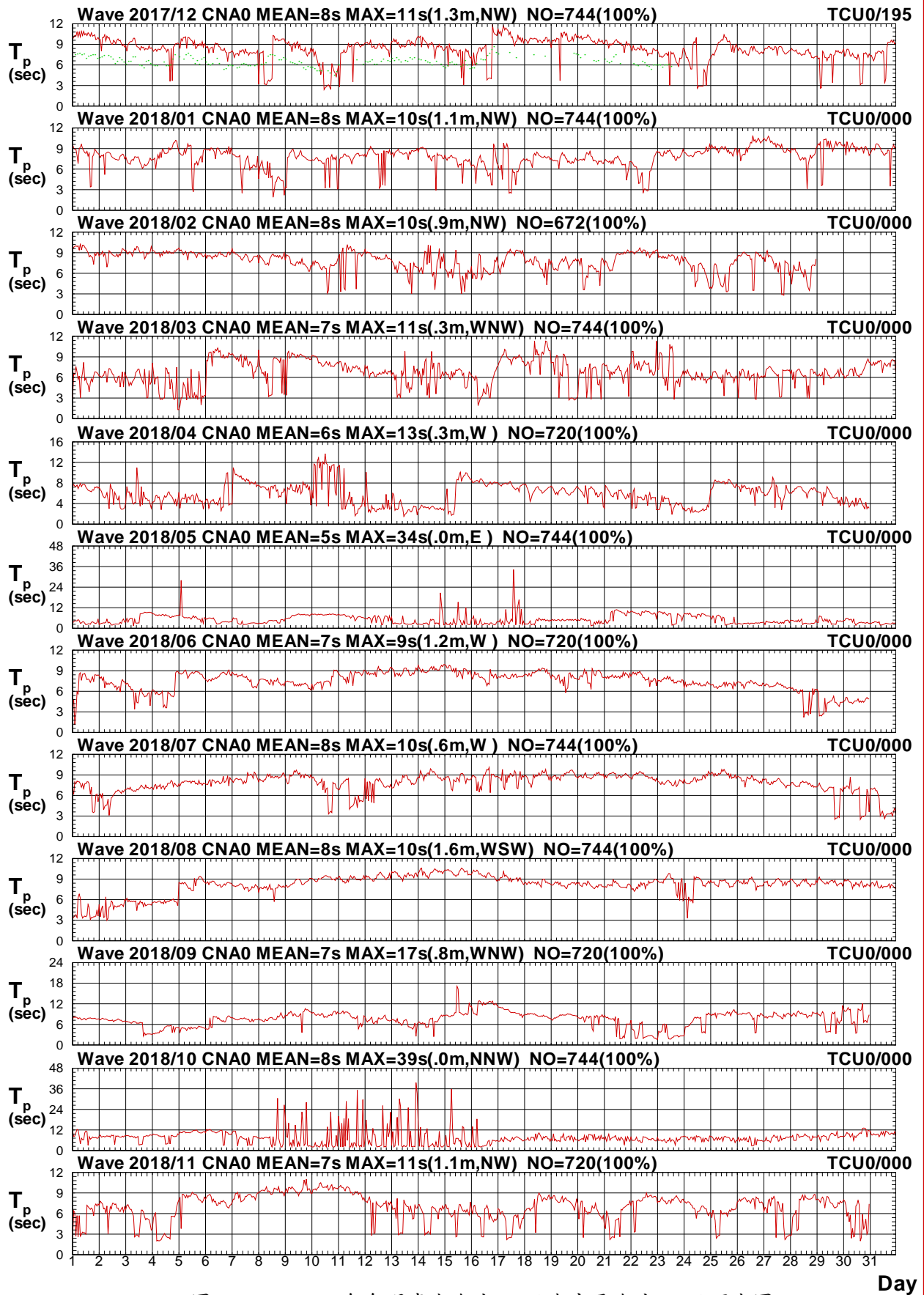


圖2.4.8b 2018年每月嘉南海域 A 站與中雲海域 U 站週期圖

V17CCNA0.1HA V17CTCU0.1H0 V181CNA0.1HA V181TCU0.1H0 V182CNA0.1HA V182TCU0.1H0
 V183CNA0.1HA V183TCU0.1H0 V184CNA0.1HA V184TCU0.1H0 V185CNA0.1HA V185TCU0.1H0

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Wave Direction in Chia-Nan Seas of CNA0 at 2018

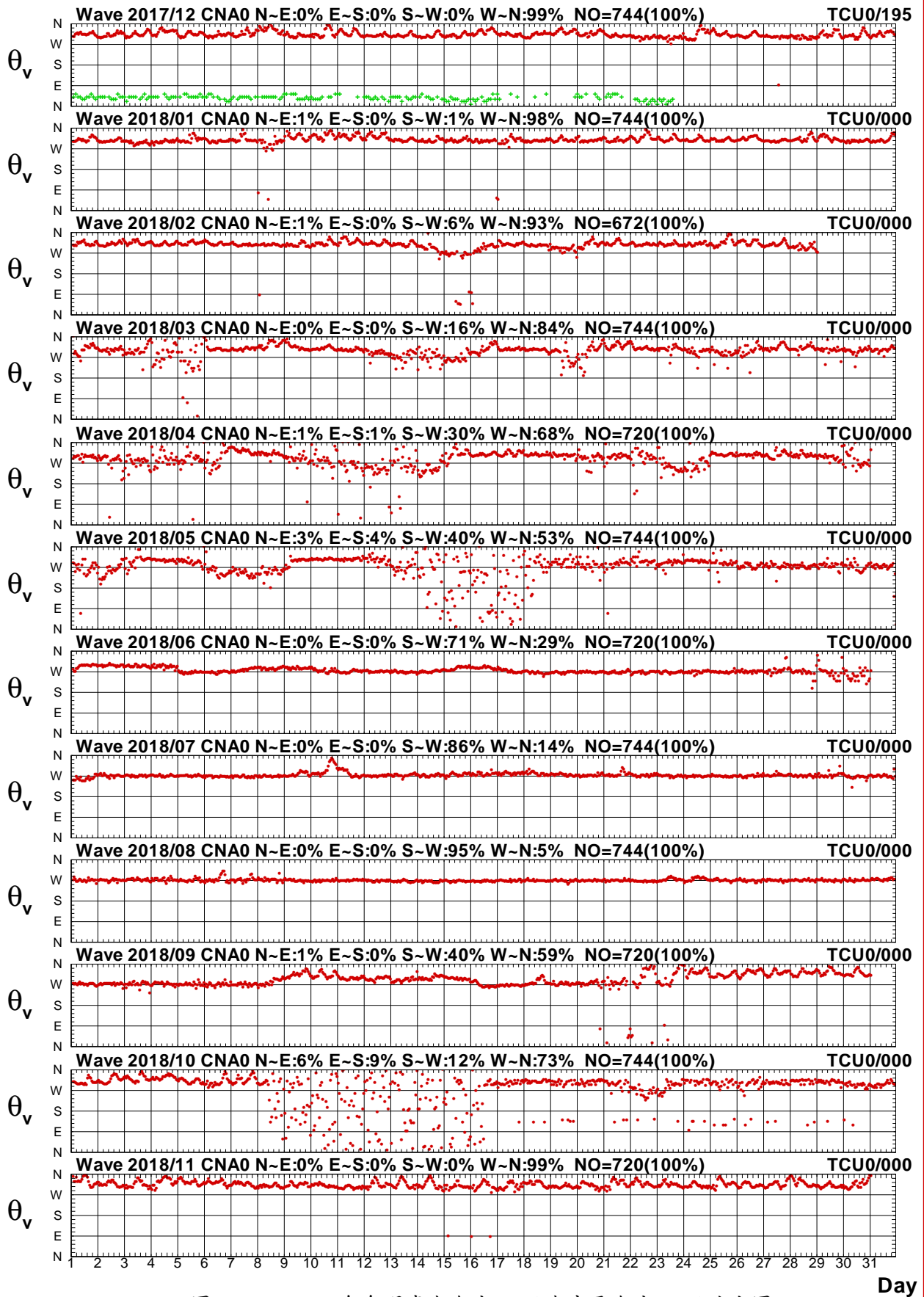


圖2.4.8c 2018年每月嘉南海域 A 站與中雲海域 U 站波向圖

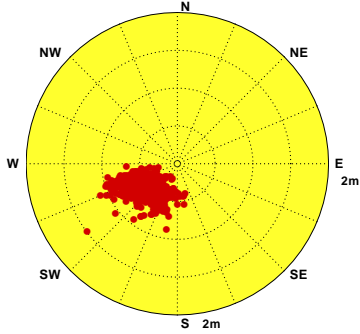
V177CNA0.1HA V177TCU0.1H0 V181CNA0.1HA V181TCU0.1H0 V182CNA0.1HA V182TCU0.1H0
 V183CNA0.1HA V183TCU0.1H0 V184CNA0.1HA V184TCU0.1H0 V185CNA0.1HA V185TCU0.1H0

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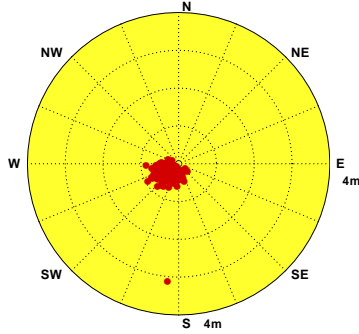
2.5 2018 年嘉南海域波浪各測站修補前 波浪向量分佈圖

Distribution of H_s Vectors

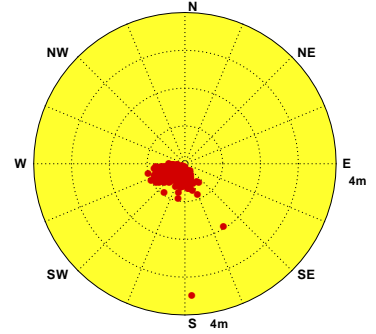
Wave of CNX0 at 2017/12 NO=721(97%)
Hs : MEAN=.7m MAX=1.6m(SW,6s)
N-E:0% E-S:1% S-W:99% W-N:0%



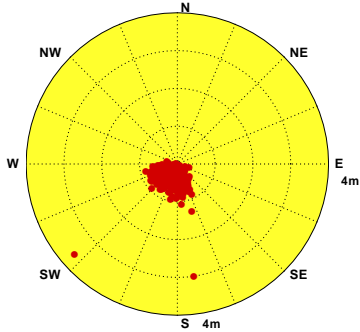
Wave of CNX0 at 2018/01 NO=713(96%)
Hs : MEAN=.6m MAX=3.3m(S, 7s)
N-E:0% E-S:1% S-W:99% W-N:0%



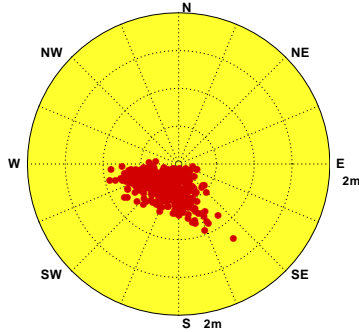
Wave of CNX0 at 2018/02 NO=644(96%)
Hs : MEAN=.6m MAX=3.6m(S, 13s)
N-E:0% E-S:4% S-W:96% W-N:0%



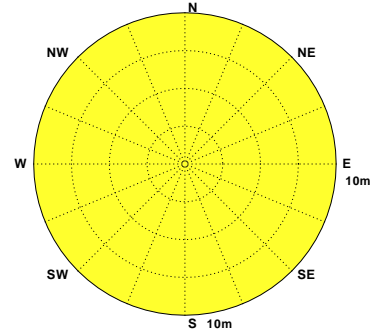
Wave of CNX0 at 2018/03 NO=695(93%)
Hs : MEAN=.6m MAX=3.8m(SW,7s)
N-E:0% E-S:11% S-W:89% W-N:0%



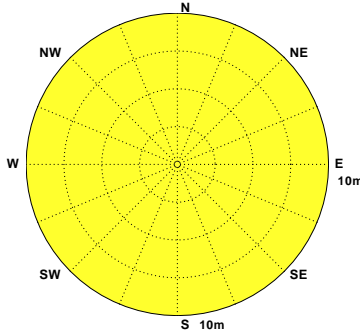
Wave of CNX0 at 2018/04 NO=598(83%)
Hs : MEAN=.5m MAX=1.3m(SSE,5s)
N-E:0% E-S:17% S-W:83% W-N:0%



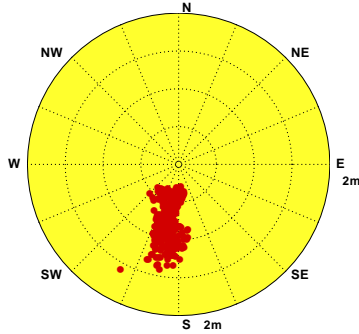
Wave of CNX0 at 2018/05



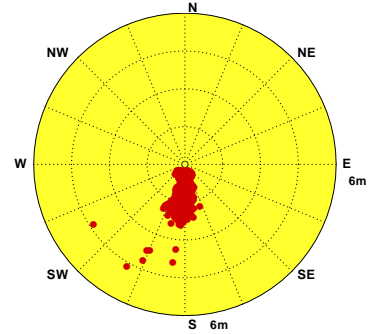
Wave of CNX0 at 2018/06



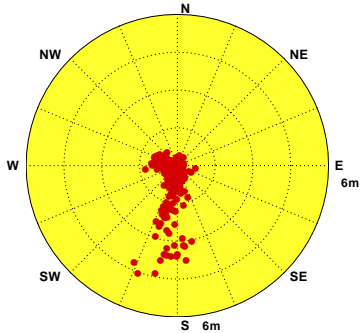
Wave of CNX0 at 2018/07 NO=311(42%)
Hs : MEAN=.8m MAX=1.7m(SSW,9s)
N-E:0% E-S:4% S-W:96% W-N:0%



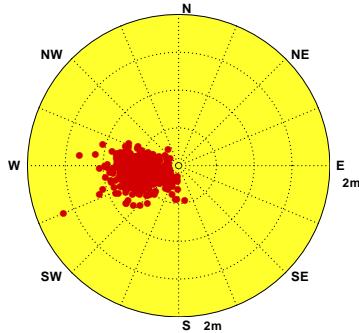
Wave of CNX0 at 2018/08 NO=741(100%)
Hs : MEAN=1.4m MAX=4.9m(SSW,8s)
N-E:0% E-S:9% S-W:91% W-N:0%



Wave of CNX0 at 2018/09 NO=693(96%)
Hs : MEAN=.8m MAX=4.8m(SSW,12s)
N-E:0% E-S:5% S-W:88% W-N:7%



Wave of CNX0 at 2018/10 NO=688(92%)
Hs : MEAN=.6m MAX=1.7m(WSW,14s)
N-E:0% E-S:0% S-W:85% W-N:15%



Wave of CNX0 at 2018/11 NO=646(90%)
Hs : MEAN=.6m MAX=2.1m(SW,9s)
N-E:0% E-S:1% S-W:95% W-N:4%

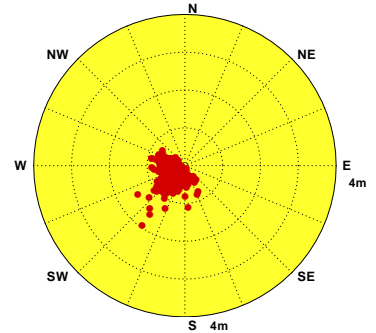


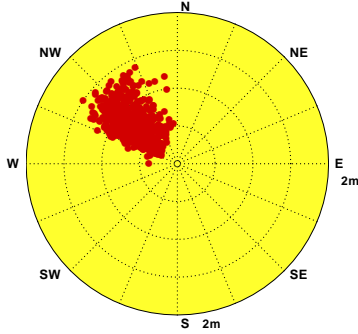
圖2.5.1 2018年嘉南海域每月 X 站修補前觀測波高向量分佈圖

V17CCNX0.1HO V181CNX0.1HO V182CNX0.1HO V183CNX0.1HO V184CNX0.1HO V185CNX0.1HO
V186CNX0.1HO V187CNX0.1HO V188CNX0.1HO V189CNX0.1HO V18ACNX0.1HO V18BCNX0.1HO

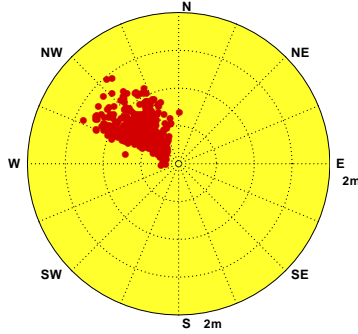
Institute of Harbor & Marine Technology

Distribution of H_s Vectors

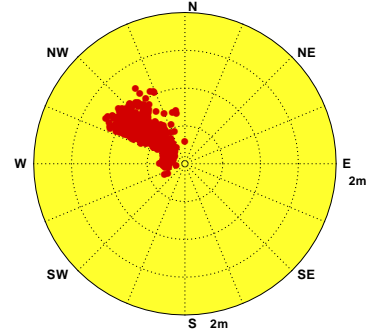
Wave of CNA0 at 2017/12 NO=743(100%)
Hs : MEAN=.8m MAX=1.5m(WNW,10s)
N-E:0% E-S:0% S-W:0% W-N:99%



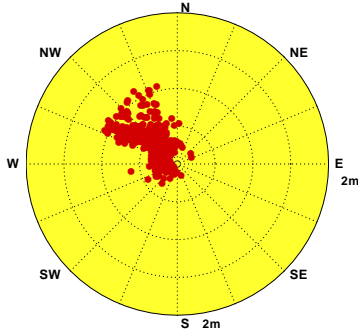
Wave of CNA0 at 2018/01 NO=740(99%)
Hs : MEAN=.6m MAX=1.5m(NW,10s)
N-E:0% E-S:0% S-W:1% W-N:99%



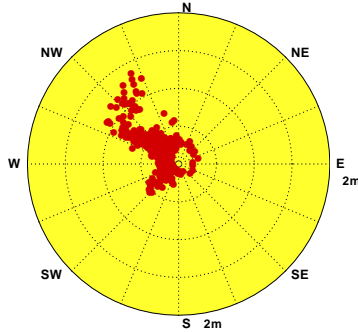
Wave of CNA0 at 2018/02 NO=664(99%)
Hs : MEAN=.6m MAX=1.2m(WNW,9s)
N-E:0% E-S:0% S-W:6% W-N:94%



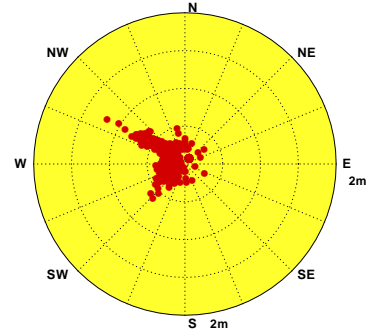
Wave of CNA0 at 2018/03 NO=725(97%)
Hs : MEAN=.4m MAX=1.1m(NW,10s)
N-E:0% E-S:0% S-W:14% W-N:86%



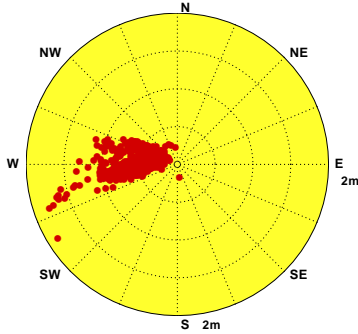
Wave of CNA0 at 2018/04 NO=698(97%)
Hs : MEAN=.4m MAX=1.3m(NNW,11s)
N-E:1% E-S:1% S-W:28% W-N:70%



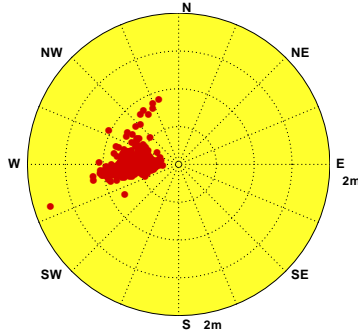
Wave of CNA0 at 2018/05 NO=671(90%)
Hs : MEAN=.3m MAX=1.2m(WNW,28s)
N-E:3% E-S:4% S-W:39% W-N:54%



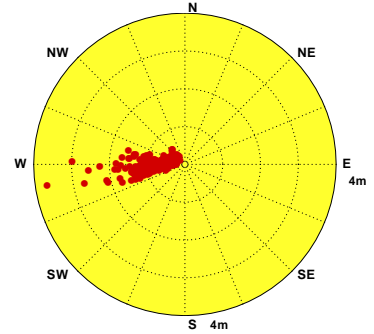
Wave of CNA0 at 2018/06 NO=678(94%)
Hs : MEAN=.6m MAX=2.0m(WSW,9s)
N-E:0% E-S:0% S-W:70% W-N:30%



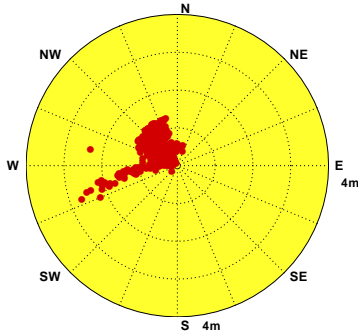
Wave of CNA0 at 2018/07 NO=725(97%)
Hs : MEAN=.6m MAX=1.9m(WSW,3s)
N-E:0% E-S:0% S-W:86% W-N:14%



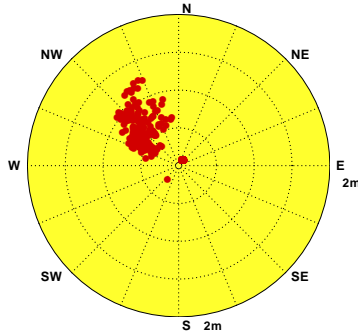
Wave of CNA0 at 2018/08 NO=744(100%)
Hs : MEAN=.8m MAX=3.8m(W, 3s)
N-E:0% E-S:0% S-W:95% W-N:5%



Wave of CNA0 at 2018/09 NO=711(99%)
Hs : MEAN=.7m MAX=2.8m(WSW,12s)
N-E:0% E-S:0% S-W:41% W-N:59%



Wave of CNA0 at 2018/10 NO=358(48%)
Hs : MEAN=.4m MAX=1.2m(NNW,4s)
N-E:12% E-S:10% S-W:15% W-N:63%



Wave of CNA0 at 2018/11 NO=717(100%)
Hs : MEAN=.6m MAX=1.4m(WNW,10s)
N-E:0% E-S:0% S-W:0% W-N:99%

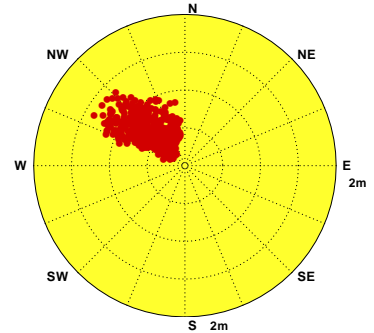


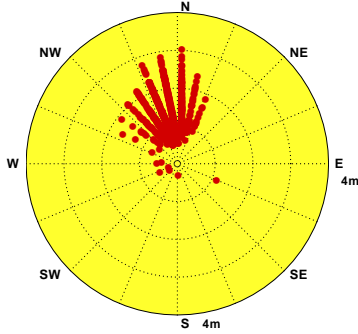
圖2.5.2 2018年嘉南海域每月 A 站修補前觀測波高向量分佈圖

V17CCNA0.1HO V181CNA0.1HO V182CNA0.1HO V183CNA0.1HO V184CNA0.1HO V185CNA0.1HO
V186CNA0.1HO V187CNA0.1HO V188CNA0.1HO V189CNA0.1HO V18ACNA0.1HO V18BCNA0.1HO

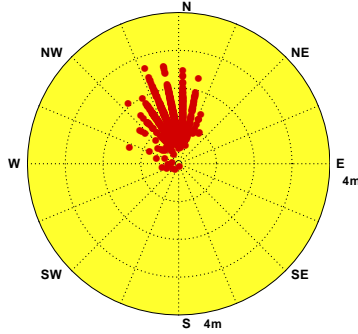
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Distribution of H_s Vectors

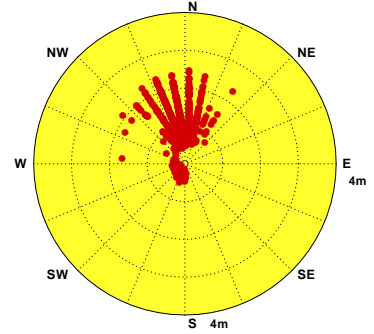
Wave of CNY0 at 2017/12 NO=714(96%)
Hs : MEAN=1.3m MAX=2.9m(N , 6s)
N-E:23% E-S:0% S-W:1% W-N:76%



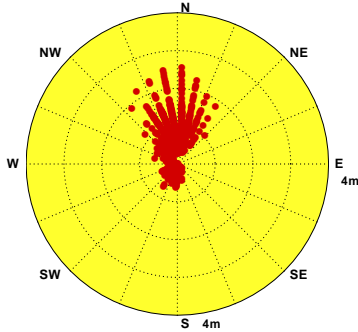
Wave of CNY0 at 2018/01 NO=711(96%)
Hs : MEAN=1.1m MAX=2.6m(NNW,6s)
N-E:26% E-S:0% S-W:1% W-N:73%



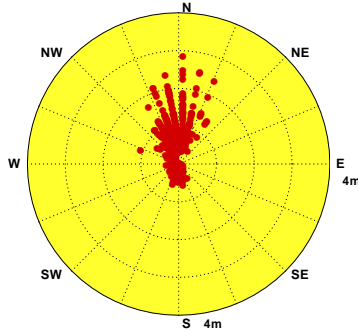
Wave of CNY0 at 2018/02 NO=651(97%)
Hs : MEAN=1.1m MAX=2.3m(N , 6s)
N-E:27% E-S:0% S-W:9% W-N:64%



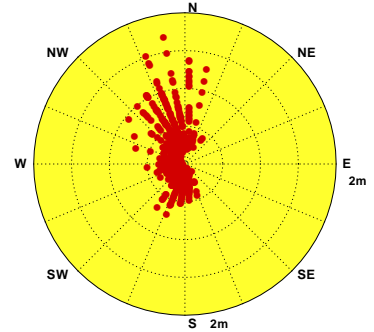
Wave of CNY0 at 2018/03 NO=729(98%)
Hs : MEAN=.8m MAX=2.4m(N , 5s)
N-E:24% E-S:0% S-W:20% W-N:56%



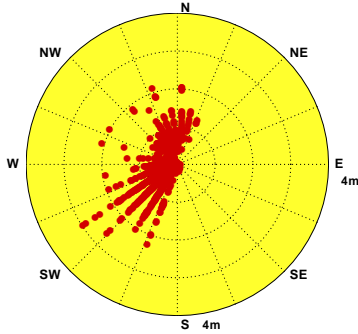
Wave of CNY0 at 2018/04 NO=703(98%)
Hs : MEAN=.5m MAX=2.7m(N , 6s)
N-E:13% E-S:0% S-W:36% W-N:51%



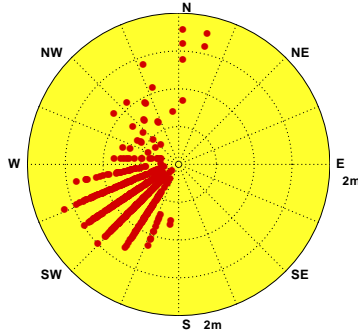
Wave of CNY0 at 2018/05 NO=726(98%)
Hs : MEAN=.4m MAX=1.6m(NNW,5s)
N-E:7% E-S:1% S-W:52% W-N:40%



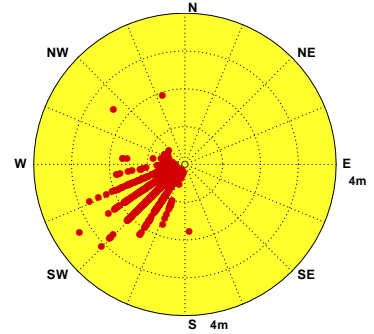
Wave of CNY0 at 2018/06 NO=704(98%)
Hs : MEAN=.9m MAX=3.2m(SW,7s)
N-E:6% E-S:0% S-W:77% W-N:17%



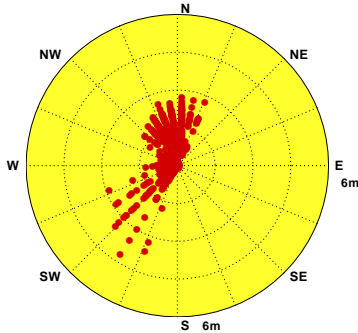
Wave of CNY0 at 2018/07 NO=737(99%)
Hs : MEAN=.9m MAX=1.7m(N , 5s)
N-E:1% E-S:0% S-W:94% W-N:5%



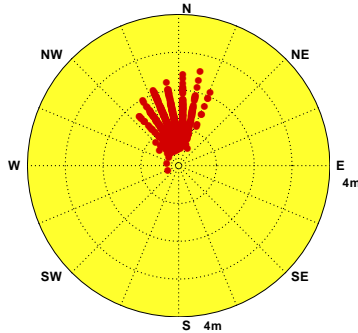
Wave of CNY0 at 2018/08 NO=738(99%)
Hs : MEAN=1.2m MAX=3.5m(SW,6s)
N-E:0% E-S:0% S-W:98% W-N:2%



Wave of CNY0 at 2018/09 NO=712(99%)
Hs : MEAN=1.0m MAX=4.5m(SSW,10s)
N-E:13% E-S:0% S-W:46% W-N:41%



Wave of CNY0 at 2018/10 NO=731(98%)
Hs : MEAN=1.0m MAX=2.4m(N , 6s)
N-E:27% E-S:0% S-W:0% W-N:73%



Wave of CNY0 at 2018/11 NO=702(98%)
Hs : MEAN=.9m MAX=2.4m(N , 6s)
N-E:31% E-S:0% S-W:3% W-N:66%

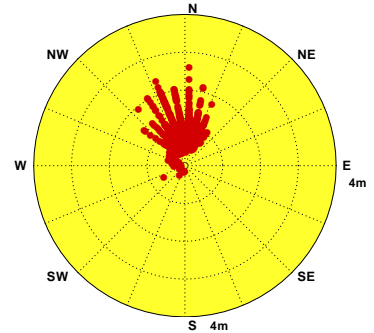


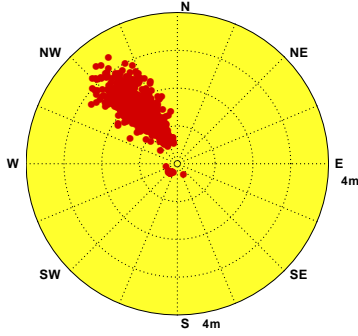
圖2.5.3 2018年嘉南海域每月 Y 站修補前觀測波高向量分佈圖

V17CCNY0.1H0 V181CNY0.1H0 V182CNY0.1H0 V183CNY0.1H0 V184CNY0.1H0 V185CNY0.1H0
V186CNY0.1H0 V187CNY0.1H0 V188CNY0.1H0 V189CNY0.1H0 V18ACNY0.1H0 V18BCNY0.1H0

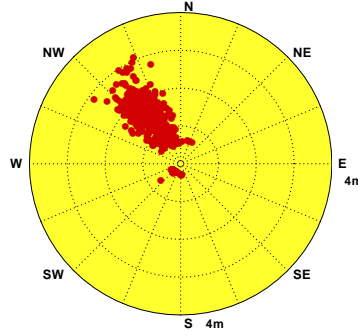
Institute of Harbor & Marine Technology

Distribution of H_s Vectors

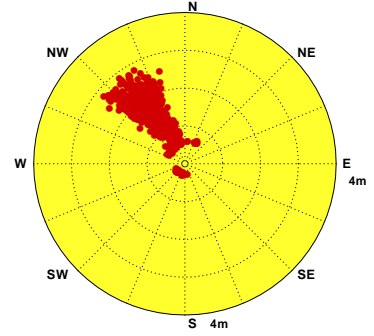
Wave of CNZ0 at 2017/12 NO=733(99%)
 Hs : MEAN=1.7m MAX=3.3m(NW,5s)
 N-E:0% E-S:0% S-W:1% W-N:99%



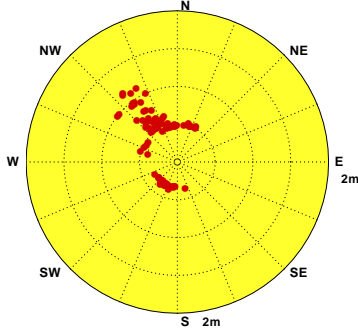
Wave of CNZ0 at 2018/01 NO=733(99%)
 Hs : MEAN=1.4m MAX=3.0m(NNW,5s)
 N-E:0% E-S:0% S-W:3% W-N:97%



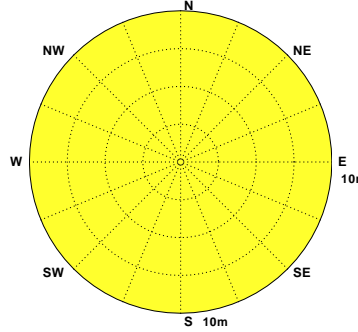
Wave of CNZ0 at 2018/02 NO=655(97%)
 Hs : MEAN=1.3m MAX=2.8m(NW,5s)
 N-E:2% E-S:0% S-W:7% W-N:91%



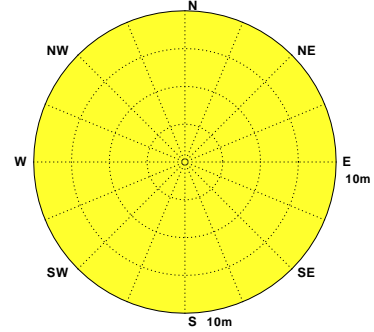
Wave of CNZ0 at 2018/03 NO=108(15%)
 Hs : MEAN=.5m MAX=1.1m(NW,4s)
 N-E:8% E-S:1% S-W:37% W-N:54%



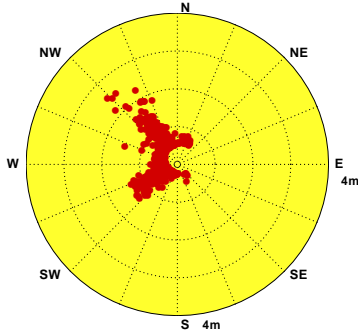
Wave of CNZ0 at 2018/04



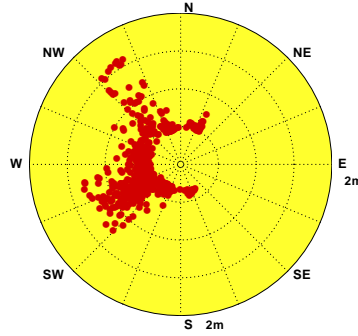
Wave of CNZ0 at 2018/05



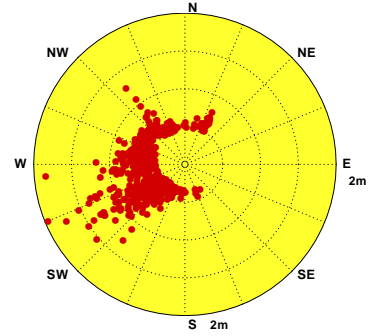
Wave of CNZ0 at 2018/06 NO=704(98%)
 Hs : MEAN=.7m MAX=2.5m(NW,5s)
 N-E:5% E-S:1% S-W:52% W-N:42%



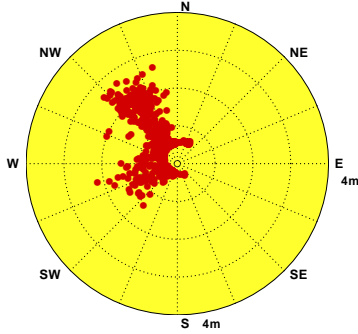
Wave of CNZ0 at 2018/07 NO=732(98%)
 Hs : MEAN=.6m MAX=1.6m(NW,4s)
 N-E:5% E-S:2% S-W:62% W-N:31%



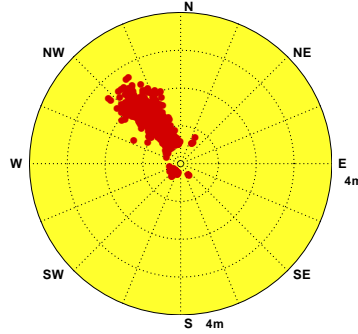
Wave of CNZ0 at 2018/08 NO=725(97%)
 Hs : MEAN=.7m MAX=2.0m(W,5s)
 N-E:4% E-S:1% S-W:59% W-N:36%



Wave of CNZ0 at 2018/09 NO=706(98%)
 Hs : MEAN=1.0m MAX=2.6m(NW,5s)
 N-E:5% E-S:1% S-W:37% W-N:57%



Wave of CNZ0 at 2018/10 NO=725(97%)
 Hs : MEAN=1.2m MAX=2.6m(NW,5s)
 N-E:1% E-S:0% S-W:5% W-N:94%



Wave of CNZ0 at 2018/11 NO=701(97%)
 Hs : MEAN=1.0m MAX=2.7m(NW,5s)
 N-E:2% E-S:0% S-W:7% W-N:91%

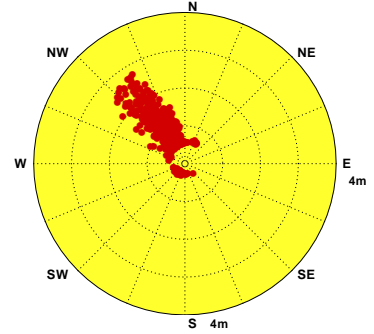


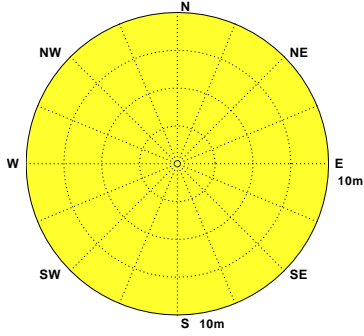
圖2.5.4 2018年嘉南海域每月乙站修補前觀測波高向量分佈圖

V17CCNZ0.1H0 V181CNZ0.1H0 V182CNZ0.1H0 V183CNZ0.1H0 V184CNZ0.1H0 V185CNZ0.1H0
 V186CNZ0.1H0 V187CNZ0.1H0 V188CNZ0.1H0 V189CNZ0.1H0 V18ACNZ0.1H0 V18BCNZ0.1H0

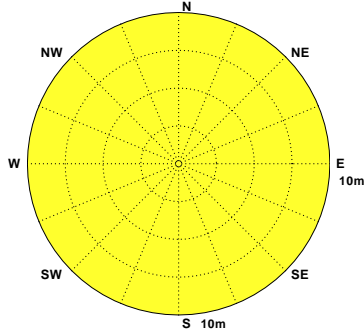
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Distribution of H_s Vectors

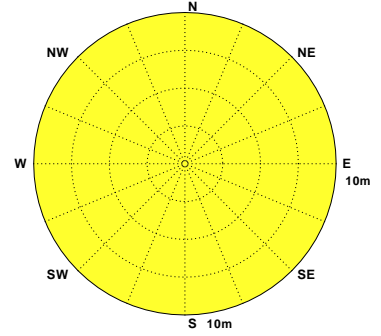
Wave of CNU0 at 2017/12



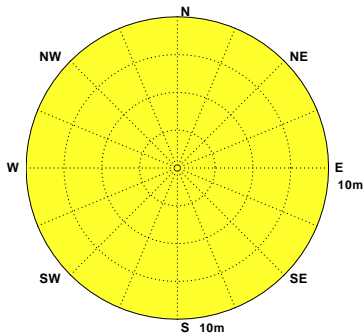
Wave of CNU0 at 2018/01



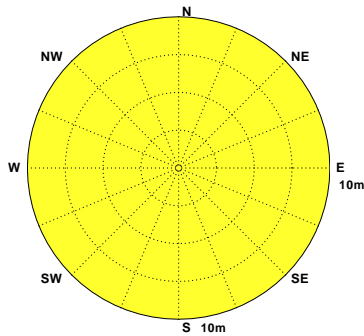
Wave of CNU0 at 2018/02



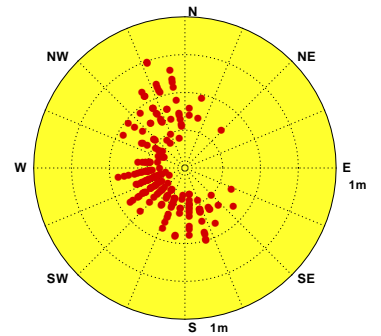
Wave of CNU0 at 2018/03



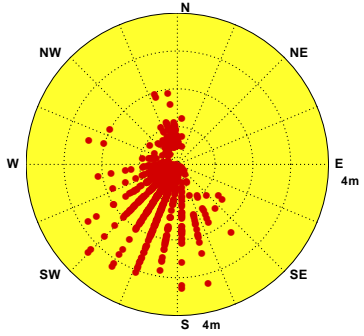
Wave of CNU0 at 2018/04



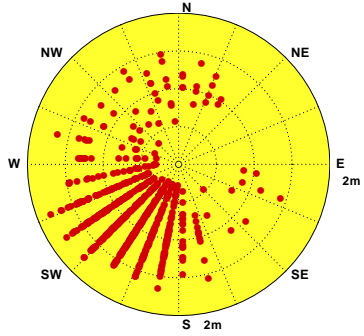
Wave of CNU0 at 2018/05 NO=202(27%)
Hs : MEAN=.3m MAX=.7m(NNW,5s)
N-E:2% E-S:10% S-W:55% W-N:33%



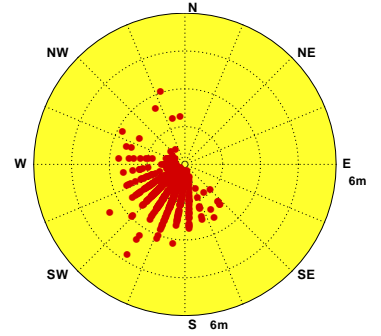
Wave of CNU0 at 2018/06 NO=707(98%)
Hs : MEAN=1.1m MAX=3.5m(SW,7s)
N-E:0% E-S:4% S-W:82% W-N:14%



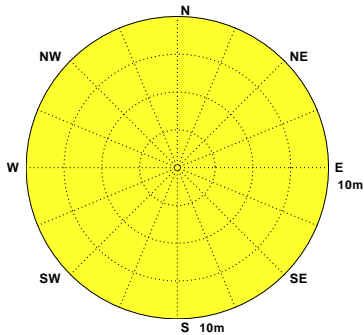
Wave of CNU0 at 2018/07 NO=741(100%)
Hs : MEAN=1.1m MAX=1.9m(WSW,6s)
N-E:2% E-S:3% S-W:88% W-N:7%



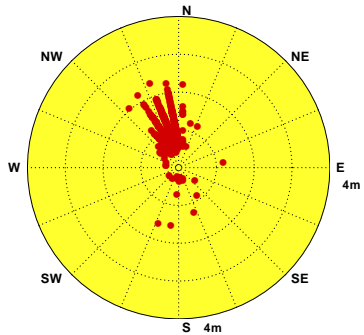
Wave of CNU0 at 2018/08 NO=653(88%)
Hs : MEAN=1.5m MAX=4.5m(SSW,7s)
N-E:0% E-S:2% S-W:93% W-N:5%



Wave of CNU0 at 2018/09



Wave of CNU0 at 2018/10 NO=539(72%)
Hs : MEAN=.9m MAX=2.3m(NNW,6s)
N-E:3% E-S:1% S-W:3% W-N:93%



Wave of CNU0 at 2018/11 NO=718(100%)
Hs : MEAN=.8m MAX=2.0m(S, 7s)
N-E:4% E-S:3% S-W:14% W-N:79%

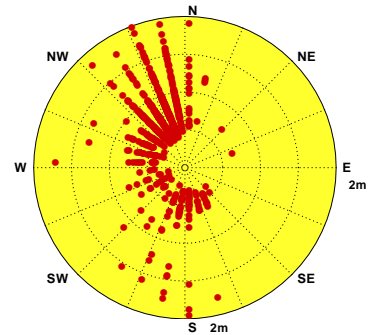


圖2.5.5 2018年嘉南海域每月 U 站修補前觀測波高向量分佈圖

V17CCNU0.1H0 V181CNU0.1H0 V182CNU0.1H0 V183CNU0.1H0 V184CNU0.1H0 V185CNU0.1H0
V186CNU0.1H0 V187CNU0.1H0 V188CNU0.1H0 V189CNU0.1H0 V18ACNU0.1H0 V18BCNU0.1H0

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第三章 2018 年嘉南海域觀測潮汐資料年報

嘉南海域潮汐之觀測包括測站 T、測站 J、測站 X、測站 G、測站 S、測站 A、測站 K、測站 P、測站 Q、測站 N、測站 L 及測站 M 等 12 個測站(測站位置如第 O 章圖 TB1)。測站 T 與其他測站 J、測站 X、測站 G、測站 L 等 4 個測站特性皆相近。測站 S 與其他測站 A、測站 K、測站 P、測站 Q、測站 N 等 5 個測站特性皆相近。測站 M 與其他測站特性皆不相近。本年報取經檢核及補遺之測站 T 資料作為**主要測站 1**，測站 S 資料作為**主要測站 2**，測站 M 資料作為**主要測站 3**。

3.1 2018 年嘉南海域觀測潮汐資料年報圖表

本章第 1 節**潮汐**年報資料處理之圖表包括：

1. 表 3.1.1a 2018 年**各觀測站**每月**觀測潮汐**資料**修補前**記錄表。
2. 表 3.1.1b 2018 年**主要測站**每月**觀測潮汐**資料**修補後**記錄表。
3. 表 3.1.2 2018 年**主要測站 1** **修補後**每月(季)及整年觀測潮位、潮差及週期重要統計量統計表。
4. 表 3.1.3 2018 年**主要測站 2** **修補後**每月(季)及整年觀測潮位、潮差及週期重要統計量統計表。
5. 表 3.1.4 2018 年**主要測站 3** **修補後**每月(季)及整年觀測潮位、潮差及週期重要統計量統計表。
6. 圖 3.1.1 2018 年**主要測站 1** **修補前後**每月觀測潮位歷線比較圖。
7. 圖 3.1.2 2018 年**主要測站 1** **修補後**每月觀測潮位及計算天文潮位歷線比較圖。
8. 圖 3.1.3 2018 年**主要測站 2** **修補前後**每月觀測潮位歷線比較圖。

9. 圖 3.1.4 2018 年**主要測站 2 修補後**每月觀測潮位及計算天文潮位歷線比較圖。

10. 圖 3.1.5 2018 年**主要測站 3 修補前後**每月觀測潮位歷線比較圖。

11. 圖 3.1.6 2018 年**主要測站 3 修補後**每月觀測潮位及計算天文潮位歷線比較圖。

第 2 節潮汐年報資料處理之圖表包括：2018 年嘉南海域**各測站修補前**每月(季)及整年潮位、潮差及週期重要統計量統計表。

第 3 節潮汐年報資料處理之統計圖包括：2018 年嘉南海域**主要測站 1 修補後與其他測站(修補前)**每月觀測潮位歷線比較圖。

第 4 節潮汐年報資料處理之統計圖包括：2018 年嘉南海域**主要測站 2 修補後與其他測站(修補前)**每月觀測潮位歷線比較圖。

第 5 節潮汐年報資料處理之統計圖包括：2018 年嘉南海域**主要測站 3 修補後與其他測站(修補前)**每月觀測潮位歷線比較圖。

表 3.1.1a 2018 年每月嘉南海域修補前各測站觀測潮汐資料紀錄表

海域	嘉南海域	嘉南海域	嘉南海域	嘉南海域	嘉南海域	嘉南海域	嘉南海域	嘉南海域	嘉南海域	嘉南海域	嘉南海域	嘉南海域
年月/測站	T	S	M	J	G	X	A	K	P	Q	N	L
2017/12 月	671(90.2%)	272(36.6%)	560(75.3%)	715(96.1%)	744(100%)	744(100%)	743(99.9%)	540(72.6%)	560(75.3%)	562(75.5%)	*	*
2018/ 1 月	631(84.8%)	260(34.9%)	707(95.0%)	715(96.1%)	740(99.5%)	744(100%)	740(99.5%)	713(95.8%)	706(94.9%)	708(95.2%)	*	*
2018/ 2 月	564(83.9%)	63(9.4%)	651(96.9%)	654(97.3%)	672(100%)	672(100%)	664(98.8%)	653(97.2%)	653(97.2%)	654(97.3%)	*	*
2018/ 3 月	723(97.2%)	373(50.1%)	682(91.7%)	709(95.3%)	741(99.6%)	744(100%)	725(97.4%)	708(95.2%)	706(94.9%)	704(94.6%)	*	*
2018/ 4 月	715(99.3%)	684(95.0%)	691(96.0%)	696(96.7%)	719(99.9%)	638(88.6%)	698(96.9%)	693(96.3%)	693(96.3%)	693(96.3%)	*	*
2018/ 5 月	744(100%)	744(100%)	466(62.6%)	729(98.0%)	744(100%)	*	597(80.2%)	465(62.5%)	467(62.8%)	465(62.5%)	*	*
2018/ 6 月	647(89.9%)	590(81.9%)	633(87.9%)	537(74.6%)	720(100%)	*	678(94.2%)	622(86.4%)	675(93.8%)	671(93.2%)	*	*
2018/ 7 月	732(98.4%)	744(100%)	704(94.6%)	476(64.0%)	744(100%)	317(42.6%)	725(97.4%)	699(94.0%)	495(66.5%)	703(94.5%)	*	*
2018/ 8 月	585(78.6%)	668(89.8%)	646(86.8%)	715(96.1%)	744(100%)	741(99.6%)	744(100%)	710(95.4%)	699(94.0%)	721(96.9%)	*	*
2018/ 9 月	701(97.4%)	588(81.7%)	534(74.2%)	699(97.1%)	718(99.7%)	719(99.9%)	711(98.8%)	664(92.2%)	666(92.5%)	665(92.4%)	*	*
2018/10 月	736(98.9%)	744(100%)	740(99.5%)	714(96.0%)	743(99.9%)	720(96.8%)	537(72.2%)	743(99.9%)	741(99.6%)	740(99.5%)	656(88.2%)	658(88.4%)
2018/11 月	577(80.1%)	618(85.8%)	336(46.7%)	698(96.9%)	720(100%)	691(96.0%)	*	670(93.1%)	669(92.9%)	671(93.2%)	710(98.6%)	709(98.5%)
2018/冬季	1866(86.4%)	595(27.5%)	1918(88.8%)	2084(96.5%)	2156(99.8%)	2160(100%)	2147(99.4%)	1906(88.2%)	1919(88.8%)	1924(89.1%)	*	*
2018/春季	2182(98.8%)	1801(81.6%)	1839(83.3%)	2134(96.6%)	2204(99.8%)	1382(62.6%)	2020(91.5%)	1866(84.5%)	1866(84.5%)	1862(84.3%)	*	*
2018/夏季	1964(88.9%)	2002(90.7%)	1983(89.8%)	1728(78.3%)	2208(100%)	1058(47.9%)	2147(97.2%)	2031(92.0%)	1869(84.6%)	2095(94.9%)	*	*
2018/秋季	2014(92.2%)	1950(89.3%)	1610(73.7%)	2111(96.7%)	2181(99.9%)	2130(97.5%)	1248(57.1%)	2077(95.1%)	2076(95.1%)	2076(95.1%)	1366(62.5%)	1367(62.6%)
2018/整年	8026(91.6%)	6348(72.5%)	7350(83.9%)	8057(92.0%)	8749(99.9%)	6730(76.8%)	7562(86.3%)	7880(90.0%)	7730(88.2%)	7957(90.8%)	1366(15.6%)	1367(15.6%)
起始年月	2017/12	2017/12	2017/12	2017/12	2017/12	2017/12	2017/12	2017/12	2017/12	2017/12	2018/10	2018/10
結束年月	2018/11	2018/11	2018/11	2018/11	2018/11	2018/11	2018/11	2018/10	2018/11	2018/11	2018/11	2018/11

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表 3.1.1b 2018年每月嘉南海域修補後各測站潮汐資料紀錄表

海域	嘉南海域	嘉南海域	嘉南海域	嘉南海域	嘉南海域	嘉南海域	嘉南海域	嘉南海域	嘉南海域	嘉南海域	嘉南海域	嘉南海域
年月/測站	T	S	M									
2017/12月	744(100%)	744(100%)	744(100%)	*	*	*	*	*	*	*	*	*
2018/ 1月	744(100%)	744(100%)	744(100%)	*	*	*	*	*	*	*	*	*
2018/ 2月	672(100%)	672(100%)	672(100%)	*	*	*	*	*	*	*	*	*
2018/ 3月	744(100%)	744(100%)	744(100%)	*	*	*	*	*	*	*	*	*
2018/ 4月	720(100%)	720(100%)	720(100%)	*	*	*	*	*	*	*	*	*
2018/ 5月	744(100%)	744(100%)	744(100%)	*	*	*	*	*	*	*	*	*
2018/ 6月	720(100%)	720(100%)	720(100%)	*	*	*	*	*	*	*	*	*
2018/ 7月	744(100%)	744(100%)	744(100%)	*	*	*	*	*	*	*	*	*
2018/ 8月	744(100%)	744(100%)	744(100%)	*	*	*	*	*	*	*	*	*
2018/ 9月	720(100%)	720(100%)	720(100%)	*	*	*	*	*	*	*	*	*
2018/10月	744(100%)	744(100%)	744(100%)	*	*	*	*	*	*	*	*	*
2018/11月	720(100%)	720(100%)	720(100%)	*	*	*	*	*	*	*	*	*
2018/冬季	2160(100%)	2160(100%)	2160(100%)	*	*	*	*	*	*	*	*	*
2018/春季	2208(100%)	2208(100%)	2208(100%)	*	*	*	*	*	*	*	*	*
2018/夏季	2208(100%)	2208(100%)	2208(100%)	*	*	*	*	*	*	*	*	*
2018/秋季	2184(100%)	2184(100%)	2184(100%)	*	*	*	*	*	*	*	*	*
2018/整年	8760(100%)	8760(100%)	8760(100%)	*	*	*	*	*	*	*	*	*
起始年月	2017/12	2017/12	2017/12	*	*	*	*	*	*	*	*	*
結束年月	2018/11	2018/11	2018/11	*	*	*	*	*	*	*	*	*

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表3.1.2 2018年嘉南海域主要測站1修補後潮差週期及潮位重要統計量統計表

序號	日期 (年/月)	測站	平均潮差 (公分)	最大潮差 (公分)	1/3潮差 (公分)	1/10潮差 (公分)	平均週期 (時)	最大週期 (時)	1/3週期 (時)	1/10週期 (時)	潮差個數 (個)	平均潮位 (公分)	最高潮位 (公分)	最低潮位 (公分)	水位點數 (個)
1	2017/12	T	57	100	85	96	13.6	25.0	16.8	24.6	54	0	68	-63	744(100%)
2	2018/01	T	56	103	86	100	14.7	25.0	20.3	25.0	49	0	70	-67	744(100%)
3	2018/02	T	56	102	71	84	14.0	26.0	18.3	25.3	47	0	61	-67	672(100%)
4	2018/03	T	60	84	73	79	12.8	25.0	14.7	18.4	57	0	54	-67	744(100%)
5	2018/04	T	57	103	84	100	13.4	26.0	16.1	23.2	53	0	48	-57	720(100%)
6	2018/05	T	60	125	87	105	14.4	26.0	19.1	25.2	51	0	61	-67	744(100%)
7	2018/06	T	59	148	98	132	14.2	26.0	18.7	25.2	50	0	76	-74	720(100%)
8	2018/07	T	60	138	96	123	12.7	25.0	14.4	16.2	58	0	72	-70	744(100%)
9	2018/08	T	61	123	83	102	13.3	25.0	16.1	22.8	55	0	76	-67	744(100%)
10	2018/09	T	62	118	93	111	12.9	25.0	14.6	18.4	52	0	56	-66	720(100%)
11	2018/10	T	60	101	83	96	12.9	24.0	14.6	18.0	56	0	61	-69	744(100%)
12	2018/11	T	58	101	82	98	14.1	26.0	18.4	25.0	48	0	58	-68	720(100%)
13	2018/冬	T	56	103	82	96	14.1	26.0	18.3	25.1	150	0	70	-67	2160(100%)
14	2018/春	T	59	125	81	97	13.5	26.0	16.6	23.7	161	0	61	-67	2208(100%)
15	2018/夏	T	60	148	92	120	13.4	26.0	16.2	22.2	163	0	76	-74	2208(100%)
16	2018/秋	T	60	118	86	102	13.3	26.0	15.9	21.4	156	0	61	-69	2184(100%)
17	2018/年	T	59	148	85	105	13.5	26.0	16.7	23.7	630	0	76	-74	8760(100%)

表3.1.3 2018年嘉南海域主要測站2修補後潮差週期及潮位重要統計量統計表

序號	日期 (年/月)	測站	平均潮差 (公分)	最大潮差 (公分)	1/3潮差 (公分)	1/10潮差 (公分)	平均週期 (時)	最大週期 (時)	1/3週期 (時)	1/10週期 (時)	潮差個數 (個)	平均潮位 (公分)	最高潮位 (公分)	最低潮位 (公分)	水位點數 (個)
1	2017/12	S	150	219	183	209	12.4	13.0	13.0	13.0	59	0	123	-124	744(100%)
2	2018/01	S	148	220	186	212	12.4	14.0	13.1	13.2	59	0	126	-128	744(100%)
3	2018/02	S	146	212	179	196	12.4	13.0	13.0	13.0	53	0	122	-129	672(100%)
4	2018/03	S	148	203	178	192	12.4	14.0	13.1	13.4	59	0	117	-127	744(100%)
5	2018/04	S	144	194	173	186	12.4	14.0	13.1	13.2	57	0	95	-112	720(100%)
6	2018/05	S	141	222	184	210	12.6	25.0	13.6	15.4	58	0	99	-123	744(100%)
7	2018/06	S	142	220	179	209	12.6	24.0	13.7	15.4	56	0	121	-187	720(100%)
8	2018/07	S	143	244	194	232	12.4	14.0	13.4	14.0	59	0	115	-130	744(100%)
9	2018/08	S	146	242	190	228	12.4	14.0	13.2	13.8	59	0	120	-124	744(100%)
10	2018/09	S	154	231	196	220	12.6	24.0	13.8	16.0	56	0	109	-129	720(100%)
11	2018/10	S	153	212	192	204	12.4	14.0	13.2	13.8	59	0	117	-125	744(100%)
12	2018/11	S	143	235	190	216	12.9	25.0	14.7	18.2	55	0	106	-129	720(100%)
13	2018/冬	S	148	220	182	206	12.4	14.0	13.0	13.1	171	0	126	-129	2160(100%)
14	2018/春	S	145	222	178	196	12.5	25.0	13.3	13.9	174	0	116	-127	2208(100%)
15	2018/夏	S	144	244	187	222	12.5	24.0	13.4	14.4	174	0	121	-187	2208(100%)
16	2018/秋	S	150	235	193	212	12.6	25.0	13.9	15.8	170	0	117	-129	2184(100%)
17	2018/年	S	147	244	186	210	12.5	25.0	13.4	14.3	689	0	126	-187	8760(100%)

表3.1.4 2018年嘉南海域主要測站3修補後潮差週期及潮位重要統計量統計表

序號	日期 (年/月)	測站	平均潮差 (公分)	最大潮差 (公分)	1/3潮差 (公分)	1/10潮差 (公分)	平均週期 (時)	最大週期 (時)	1/3週期 (時)	1/10週期 (時)	潮差個數 (個)	平均潮位 (公分)	最高潮位 (公分)	最低潮位 (公分)	水位點數 (個)
1	2017/12	M	209	358	247	287	12.4	14.0	13.6	14.0	59	0	157	-212	744(100%)
2	2018/01	M	211	339	247	276	12.4	14.0	13.6	14.0	59	0	167	-202	744(100%)
3	2018/02	M	200	237	228	234	12.4	15.0	13.9	14.4	53	0	153	-104	672(100%)
4	2018/03	M	211	288	246	258	12.6	25.0	14.0	16.2	58	0	156	-156	744(100%)
5	2018/04	M	207	253	239	247	12.4	14.0	13.5	14.0	57	0	141	-115	720(100%)
6	2018/05	M	201	253	240	252	12.4	14.0	13.6	14.0	59	0	150	-166	744(100%)
7	2018/06	M	207	295	251	285	12.4	14.0	13.2	13.8	57	0	170	-154	720(100%)
8	2018/07	M	216	286	254	280	12.6	25.0	13.7	15.8	58	0	161	-134	744(100%)
9	2018/08	M	221	298	264	286	12.6	25.0	13.9	16.2	58	0	176	-137	744(100%)
10	2018/09	M	218	289	261	280	12.4	14.0	13.3	14.0	57	0	159	-132	720(100%)
11	2018/10	M	213	258	247	256	12.4	14.0	13.2	13.6	59	0	157	-125	744(100%)
12	2018/11	M	200	308	252	284	12.7	24.0	13.8	16.0	56	0	143	-168	720(100%)
13	2018/冬	M	207	358	241	267	12.4	15.0	13.7	14.1	171	0	166	-212	2160(100%)
14	2018/春	M	206	288	242	252	12.5	25.0	13.7	14.6	174	0	156	-166	2208(100%)
15	2018/夏	M	215	298	257	283	12.6	25.0	13.6	15.1	173	0	176	-154	2208(100%)
16	2018/秋	M	210	308	254	273	12.5	24.0	13.4	14.4	172	0	159	-168	2184(100%)
17	2018/年	M	210	358	249	271	12.5	25.0	13.6	14.6	690	0	176	-212	8760(100%)

Tidal Level in Chia-Nan Seas of CNT0 at 2018

1 ○ 8 ● 15 ● 22 ●

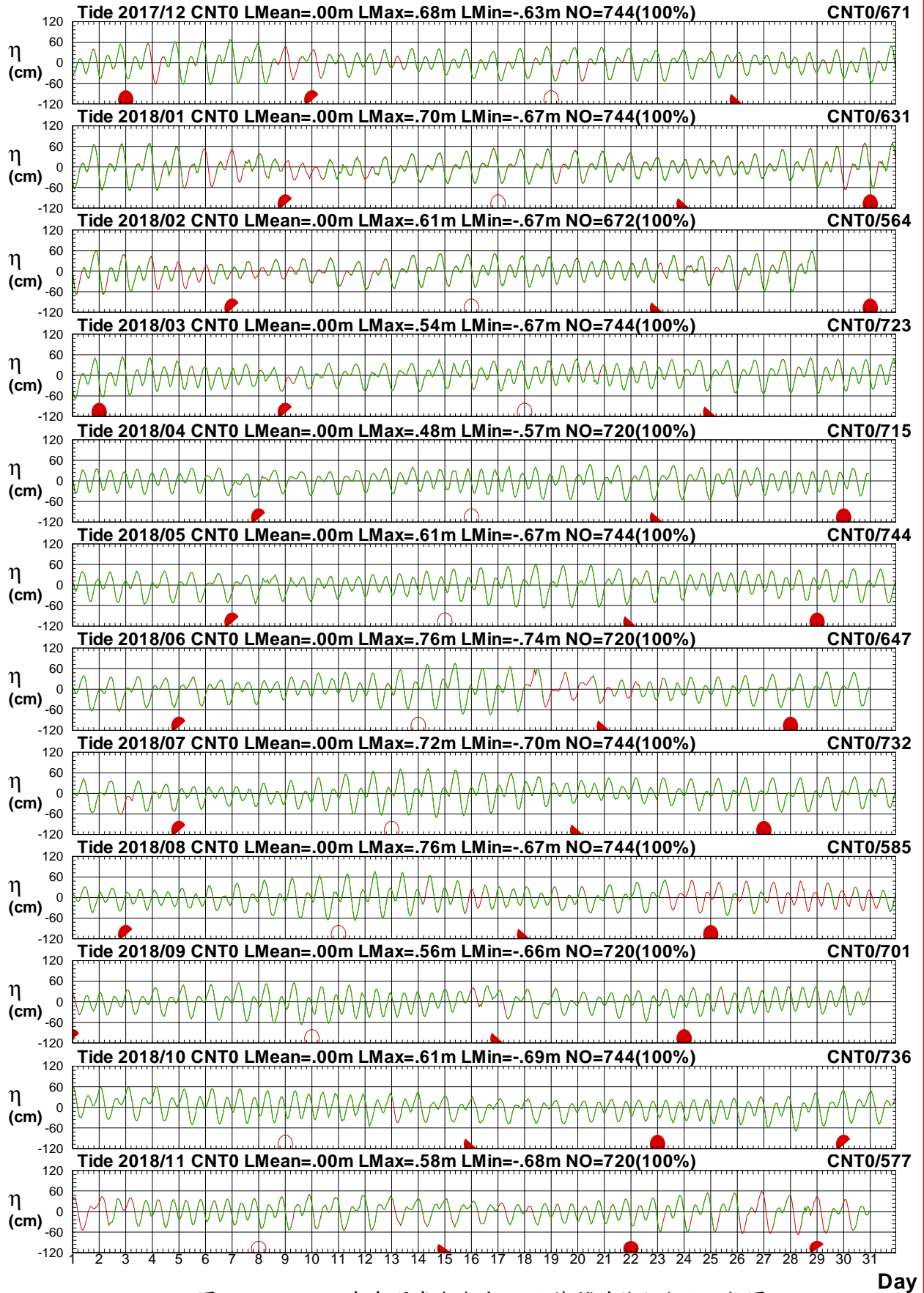


圖3.1.43 2018年每月嘉南海域 T 站修補前後之潮位比較圖

T17CCNT0.1HA T17CCNT0.1H0 T181CNT0.1HA T181CNT0.1H0 T182CNT0.1HA T182CNT0.1H0
T183CNT0.1HA T183CNT0.1H0 T184CNT0.1HA T184CNT0.1H0 T185CNT0.1HA T185CNT0.1H0

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Tidal Level in Chia-Nan Seas of CNT0 at 2018

1 ○ 8 ● 15 ● 22 ●

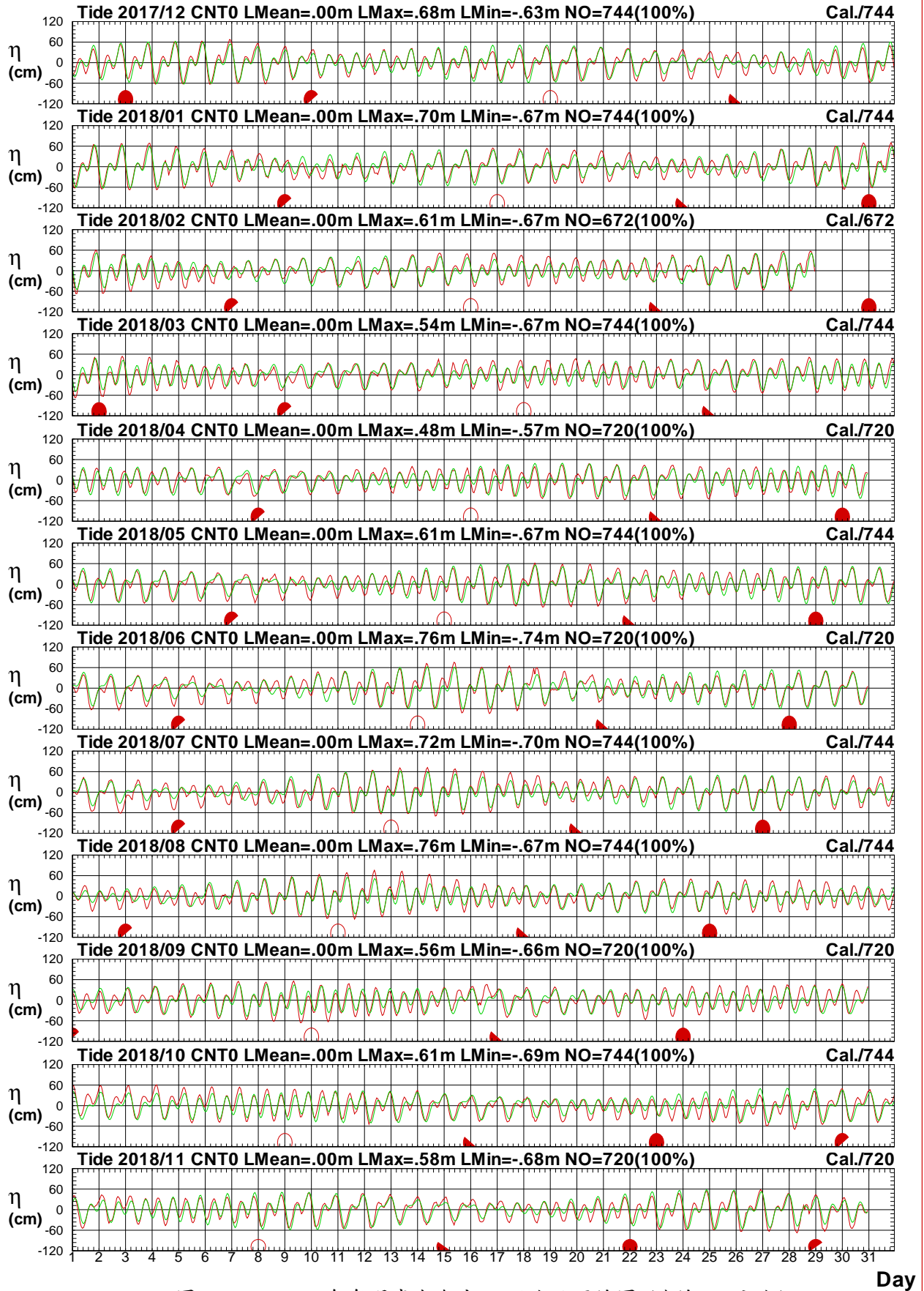


圖3.1.44 2018年每月嘉南海域 T 站潮位歷線圖 (綠線: 天文潮)

T17CCNT0.1HA T17CCNT0.1HC T181CNT0.1HA T181CNT0.1HC T182CNT0.1HA T182CNT0.1HC
 T183CNT0.1HA T183CNT0.1HC T184CNT0.1HA T184CNT0.1HC T185CNT0.1HA T185CNT0.1HC

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Tidal Level in Chia-Nan Seas of CNS0 at 2018

1 ○ 8 ● 15 ● 22 ●

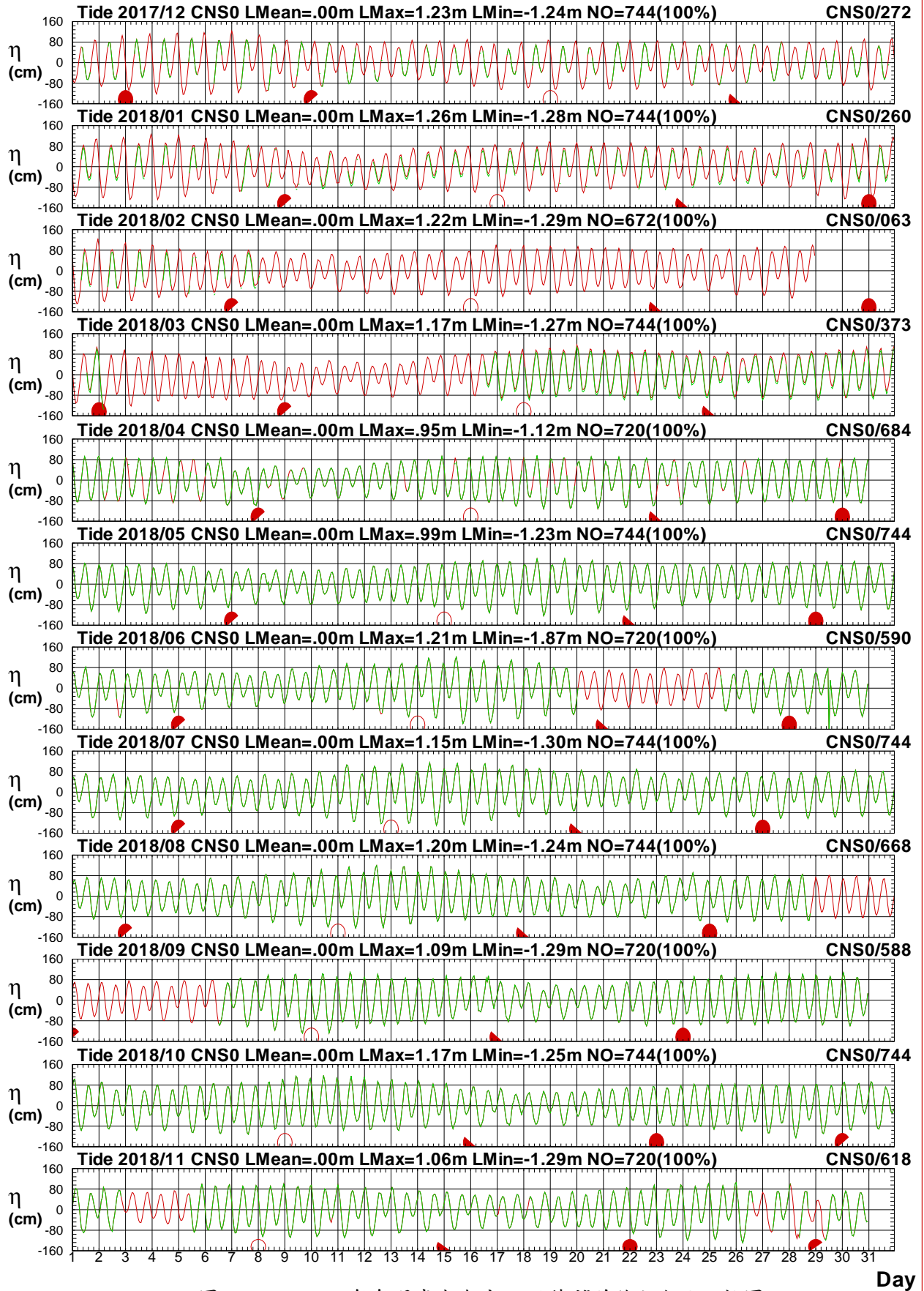


圖3.1.45 2018年每月嘉南海域 S 站修補前後之潮位比較圖

T17CCNS0.1HA T17CCNS0.1H0 T181CNS0.1HA T181CNS0.1H0 T182CNS0.1HA T182CNS0.1H0
T183CNS0.1HA T183CNS0.1H0 T184CNS0.1HA T184CNS0.1H0 T185CNS0.1HA T185CNS0.1H0

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Tidal Level in Chia-Nan Seas of CNS0 at 2018

1 ○ 8 ● 15 ● 22 ●

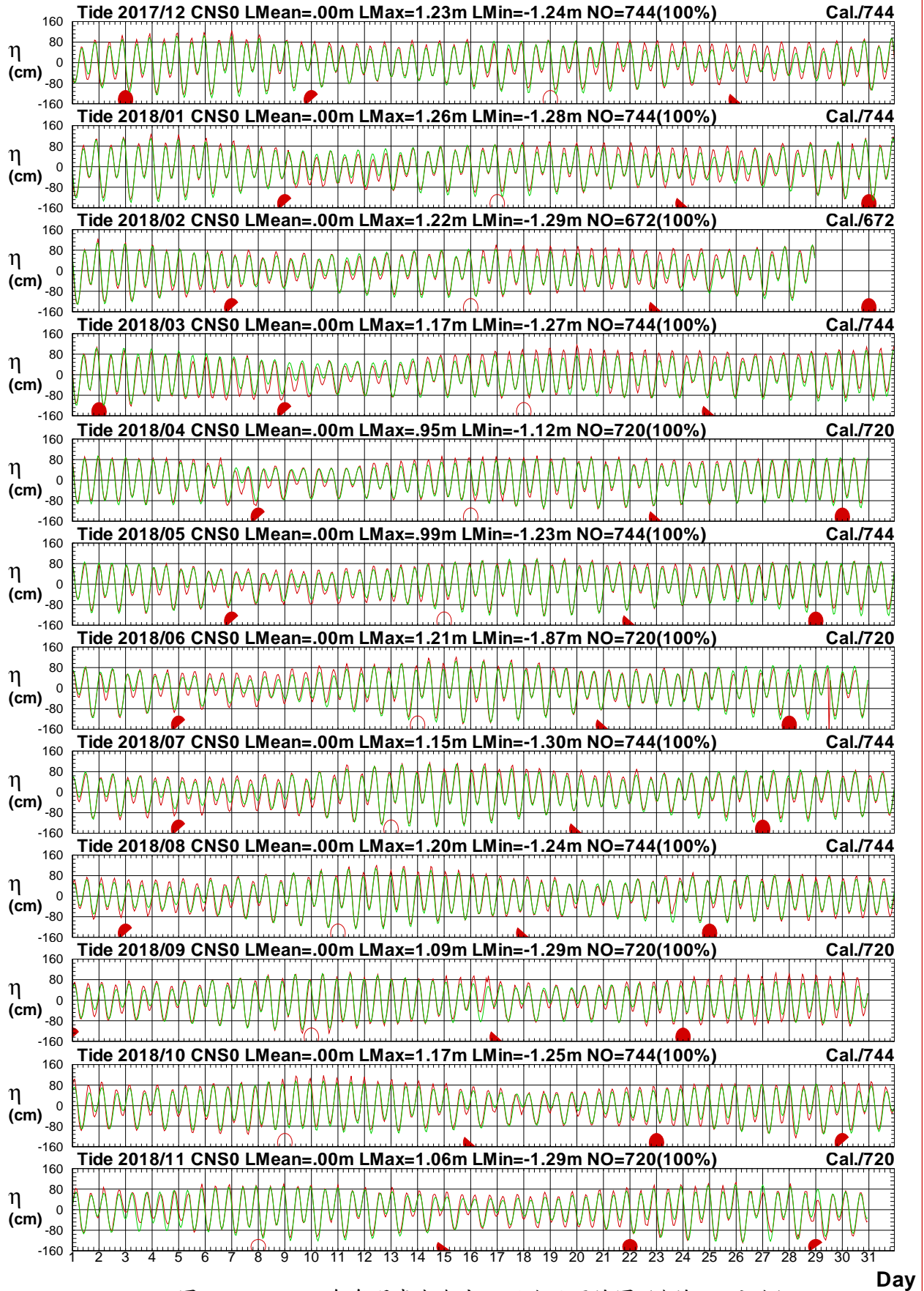


圖3.1.46 2018年每月嘉南海域 S 站潮位歷線圖 (綠線: 天文潮)

T17CCNS0.1HA T17CCNS0.1HC T181CNS0.1HA T181CNS0.1HC T182CNS0.1HA T182CNS0.1HC
 T183CNS0.1HA T183CNS0.1HC T184CNS0.1HA T184CNS0.1HC T185CNS0.1HA T185CNS0.1HC

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Tidal Level in Chia-Nan Seas of CNM0 at 2018

1 ○ 8 ● 15 ● 22 ●

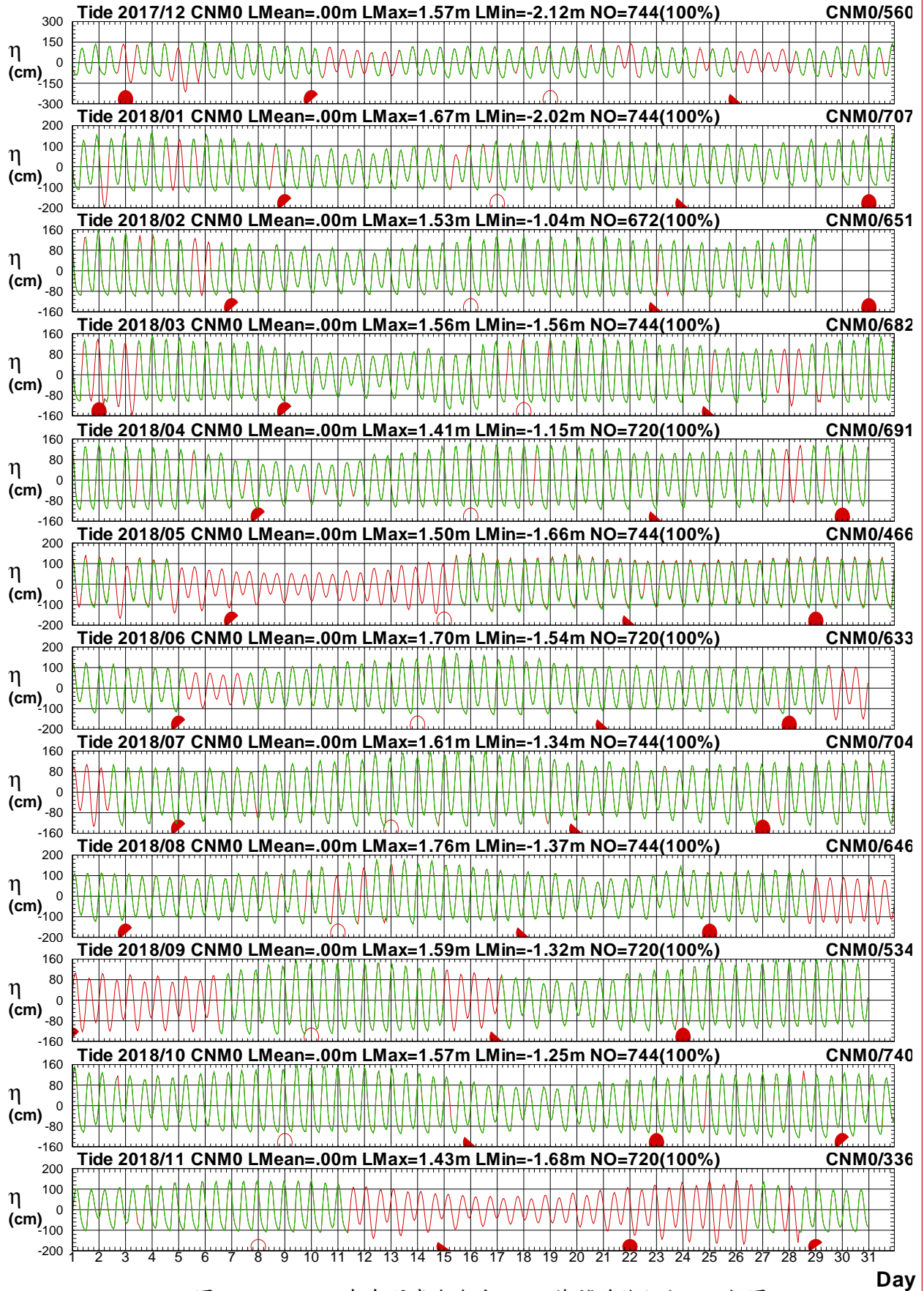


圖3.1.47 2018年每月嘉南海域 M 站修補前後之潮位比較圖

Tidal Level in Chia-Nan Seas of CNM0 at 2018

1 ○ 8 ● 15 ● 22 ●

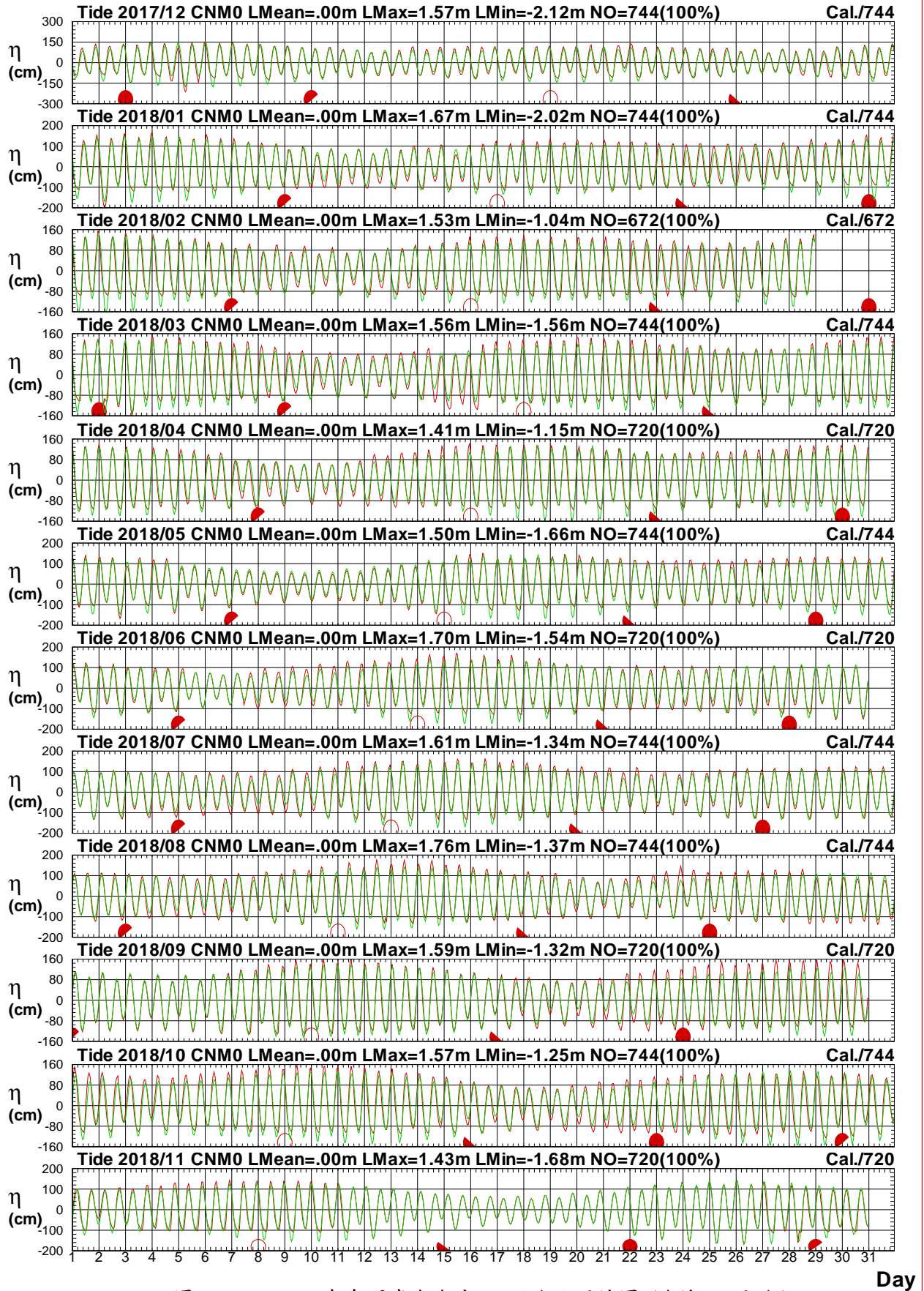


圖3.1.48 2018年每月嘉南海域 M 站潮位歷線圖 (綠線: 天文潮)

T17CCNM0.1HA T17CCNM0.1HC T181CNM0.1HA T181CNM0.1HC T182CNM0.1HA T182CNM0.1HC
T183CNM0.1HA T183CNM0.1HC T184CNM0.1HA T184CNM0.1HC T185CNM0.1HA T185CNM0.1HC

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3.2 2018 年嘉南海域各測站修補前 潮汐統計量統計表

表3.2.1 2018年嘉南海域 T 站修補前潮差週期及潮位重要統計量統計表

序號	日期 (年/月)	測站	平均 潮差 (公分)	最大 潮差 (公分)	1/3 潮差 (公分)	1/10 潮差 (公分)	平均 週期 (時)	最大 週期 (時)	1/3 週期 (時)	1/10 週期 (時)	潮差 個數 (個)	平均 潮位 (公分)	最高 潮位 (公分)	最低 潮位 (公分)	水位 點數 (個)
1	2017/12	T	57	131	92	111	15.2	26.0	21.5	25.5	41	0	67	-63	671(90%)
2	2018/01	T	56	96	81	96	14.5	25.0	20.0	25.0	29	0	68	-70	631(85%)
3	2018/02	T	58	127	93	107	16.9	26.0	24.8	25.3	33	0	59	-69	564(84%)
4	2018/03	T	63	117	88	109	13.8	26.0	17.3	25.3	45	0	54	-67	723(97%)
5	2018/04	T	57	103	84	100	13.6	26.0	16.9	25.4	52	0	48	-57	715(99%)
6	2018/05	T	60	125	87	105	14.4	26.0	19.1	25.2	51	0	61	-67	744(100%)
7	2018/06	T	62	102	88	94	13.9	25.0	17.6	24.5	43	0	75	-74	647(90%)
8	2018/07	T	60	134	86	112	12.6	25.0	14.4	16.2	55	0	72	-70	732(98%)
9	2018/08	T	64	123	94	109	14.2	25.0	18.8	25.0	35	0	76	-67	585(79%)
10	2018/09	T	62	85	76	83	13.4	26.0	16.4	23.2	52	0	56	-66	701(97%)
11	2018/10	T	59	101	79	93	13.4	25.0	15.9	22.4	54	0	61	-70	736(99%)
12	2018/11	T	54	103	85	103	18.0	25.0	24.9	25.0	29	0	55	-60	577(80%)
13	2018/冬	T	57	131	89	105	15.5	26.0	22.4	25.3	103	0	68	-69	1866(86%)
14	2018/春	T	60	125	86	105	13.9	26.0	17.8	25.4	148	0	61	-67	2182(99%)
15	2018/夏	T	62	134	89	105	13.5	25.0	16.5	22.9	133	0	76	-74	1964(89%)
16	2018/秋	T	59	103	79	91	14.4	26.0	19.0	25.1	135	0	61	-69	2014(92%)
17	2018/年	T	59	134	86	102	14.2	26.0	18.7	25.2	519	0	76	-74	8026(92%)

表3.2.2 2018年嘉南海域 S 站修補前潮差週期及潮位重要統計量統計表

序 號	日期 (年/月)	測 站	平均 潮差 (公分)	最大 潮差 (公分)	1/3 潮差 (公分)	1/10 潮差 (公分)	平均 週期 (時)	最大 週期 (時)	1/3 週期 (時)	1/10 週期 (時)	潮差 個數 (個)	平均 潮位 (公分)	最高 潮位 (公分)	最低 潮位 (公分)	水位 點數 (個)
1	2017/12	S	157	178	178	0	24.5	25.0	25.0	.0	4	0	94	-108	272(37%)
2	2018/01	S	125	157	149	0	24.8	25.0	25.0	.0	6	0	82	-97	260(35%)
3	2018/02	S	*	*	*	*	*	*	*	*	0	0	72	-95	63(9%)
4	2018/03	S	155	194	184	193	15.0	26.0	20.6	25.5	24	0	108	-136	373(50%)
5	2018/04	S	143	201	183	199	15.1	25.0	20.8	25.0	42	0	96	-111	684(95%)
6	2018/05	S	141	222	184	210	12.6	25.0	13.6	15.4	58	0	99	-123	744(100%)
7	2018/06	S	142	259	190	241	13.0	25.0	14.7	19.0	43	0	121	-186	590(82%)
8	2018/07	S	143	244	194	232	12.4	14.0	13.4	14.0	59	0	115	-130	744(100%)
9	2018/08	S	145	242	191	228	12.4	14.0	13.2	13.8	53	0	119	-124	668(90%)
10	2018/09	S	160	220	193	207	12.6	25.0	13.8	16.0	46	0	109	-128	588(82%)
11	2018/10	S	153	212	192	204	12.4	14.0	13.2	13.8	59	0	117	-125	744(100%)
12	2018/11	S	148	208	186	203	13.3	25.0	15.7	22.0	45	0	106	-129	618(86%)
13	2018/冬	S	138	178	163	178	24.7	25.0	25.0	25.0	10	0	94	-108	595(28%)
14	2018/春	S	145	222	184	202	13.9	26.0	17.4	25.1	124	0	108	-136	1801(82%)
15	2018/夏	S	143	259	192	232	12.6	25.0	13.7	15.3	155	0	121	-186	2002(91%)
16	2018/秋	S	154	220	191	204	12.8	25.0	14.1	16.7	150	0	117	-129	1950(89%)
17	2018/年	S	147	259	190	214	13.3	26.0	15.7	21.8	439	0	121	-186	6348(73%)

表3.2.3 2018年嘉南海域 M 站修補前潮差週期及潮位重要統計量統計表

序 號	日期 (年/月)	測 站	平均 潮差 (公分)	最大 潮差 (公分)	1/3 潮差 (公分)	1/10 潮差 (公分)	平均 週期 (時)	最大 週期 (時)	1/3 週期 (時)	1/10 週期 (時)	潮差 個數 (個)	平均 潮位 (公分)	最高 潮位 (公分)	最低 潮位 (公分)	水位 點數 (個)
1	2017/12	M	213	261	241	259	14.5	25.0	19.3	25.0	30	0	158	-125	560(75%)
2	2018/01	M	210	286	248	272	13.1	25.0	15.7	20.6	52	0	166	-124	707(95%)
3	2018/02	M	197	249	225	238	13.0	25.0	15.5	20.0	45	0	155	-103	651(97%)
4	2018/03	M	207	256	240	250	13.4	25.0	16.3	24.8	49	0	156	-136	682(92%)
5	2018/04	M	207	253	241	248	13.2	25.0	15.6	20.6	51	0	142	-115	691(96%)
6	2018/05	M	221	262	246	258	12.3	14.0	13.7	14.0	33	0	142	-136	466(63%)
7	2018/06	M	214	281	248	269	12.4	14.0	13.3	14.0	48	0	168	-130	633(88%)
8	2018/07	M	218	286	257	280	13.4	26.0	15.9	23.0	52	0	161	-135	704(95%)
9	2018/08	M	218	291	260	277	13.2	25.0	15.5	20.6	50	0	174	-137	646(87%)
10	2018/09	M	230	274	263	272	12.6	25.0	14.3	16.8	40	0	159	-132	534(74%)
11	2018/10	M	213	258	246	256	12.9	25.0	14.4	18.2	57	0	157	-125	740(100%)
12	2018/11	M	218	253	244	251	13.0	25.0	14.9	19.5	25	0	143	-112	336(47%)
13	2018/冬	M	206	286	238	260	13.4	25.0	16.5	23.2	127	0	166	-125	1918(89%)
14	2018/春	M	210	262	242	251	13.1	25.0	15.4	19.9	133	0	156	-137	1839(83%)
15	2018/夏	M	217	291	255	276	13.0	26.0	14.9	19.2	150	0	174	-137	1983(90%)
16	2018/秋	M	220	274	254	265	12.8	25.0	14.4	17.7	122	0	159	-132	1610(74%)
17	2018/年	M	213	291	249	265	13.1	26.0	15.3	19.8	532	0	174	-137	7350(84%)

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表3.2.4 2018年嘉南海域 X 站修補前潮差週期及潮位重要統計量統計表

序 號	日期 (年/月)	測 站	平均 潮差 (公分)	最大 潮差 (公分)	1/3 潮差 (公分)	1/10 潮差 (公分)	平均 週期 (時)	最大 週期 (時)	1/3 週期 (時)	1/10 週期 (時)	潮差 個數 (個)	平均 潮位 (公分)	最高 潮位 (公分)	最低 潮位 (公分)	水位 點數 (個)
1	2017/12	X	57	127	102	123	13.8	25.0	18.2	24.6	53	0	66	-65	744(100%)
2	2018/01	X	56	104	87	99	13.3	25.0	16.3	22.6	54	0	73	-70	744(100%)
3	2018/02	X	56	103	75	91	13.2	25.0	15.8	20.4	50	0	65	-71	672(100%)
4	2018/03	X	59	81	73	79	12.6	25.0	14.0	16.4	58	0	48	-70	744(100%)
5	2018/04	X	56	79	71	76	13.5	26.0	16.5	25.3	46	0	48	-60	638(89%)
6	2018/05	X													
7	2018/06	X													
8	2018/07	X	55	70	66	70	13.6	25.0	17.5	25.0	20	0	47	-57	317(43%)
9	2018/08	X	61	138	95	130	13.1	26.0	15.4	20.6	56	0	69	-69	741(100%)
10	2018/09	X	63	96	84	90	13.4	26.0	16.2	23.2	52	0	54	-75	719(100%)
11	2018/10	X	60	108	90	101	14.7	26.0	19.7	25.3	45	0	59	-65	720(97%)
12	2018/11	X	60	112	86	107	15.0	26.0	20.8	25.3	38	0	57	-67	691(96%)
13	2018/冬	X	56	127	89	108	13.4	25.0	16.8	23.3	157	0	73	-71	2160(100%)
14	2018/春	X	58	81	72	77	13.0	26.0	15.1	19.7	104	0	48	-70	1382(63%)
15	2018/夏	X	59	138	87	123	13.2	26.0	15.8	21.9	76	0	69	-69	1058(48%)
16	2018/秋	X	61	112	86	99	14.3	26.0	18.7	25.2	135	0	58	-75	2130(98%)
17	2018/年	X	59	138	84	104	13.6	26.0	16.8	23.8	472	0	73	-75	6730(77%)

表3.2.5 2018年嘉南海域J站修補前潮差週期及潮位重要統計量統計表

序號	日期 (年/月)	測站	平均 潮差 (公分)	最大 潮差 (公分)	1/3 潮差 (公分)	1/10 潮差 (公分)	平均 週期 (時)	最大 週期 (時)	1/3 週期 (時)	1/10 週期 (時)	潮差 個數 (個)	平均 潮位 (公分)	最高 潮位 (公分)	最低 潮位 (公分)	水位 點數 (個)
1	2017/12	J	51	89	66	77	18.4	26.0	25.1	25.7	31	0	64	-56	715(96%)
2	2018/01	J	50	118	80	103	16.6	26.0	24.9	25.3	34	0	67	-61	715(96%)
3	2018/02	J	49	106	77	96	15.9	26.0	22.8	25.3	33	0	58	-64	654(97%)
4	2018/03	J	48	107	69	93	15.1	26.0	21.3	25.7	37	0	48	-60	709(95%)
5	2018/04	J	49	91	71	89	16.6	26.0	25.0	25.7	39	0	44	-49	696(97%)
6	2018/05	J	54	117	78	106	15.9	25.0	23.4	25.0	46	0	58	-61	729(98%)
7	2018/06	J	51	124	72	98	16.1	26.0	23.8	25.7	31	0	71	-65	537(75%)
8	2018/07	J	50	118	79	118	17.8	25.0	24.8	25.0	12	0	63	-58	476(64%)
9	2018/08	J	48	118	81	109	14.9	26.0	20.5	25.3	36	0	70	-54	715(96%)
10	2018/09	J	52	104	75	94	16.5	26.0	24.9	25.3	39	0	55	-58	699(97%)
11	2018/10	J	49	80	66	80	16.6	26.0	25.0	25.7	39	0	51	-59	714(96%)
12	2018/11	J	49	84	71	84	17.8	26.0	25.2	26.0	29	0	50	-61	698(97%)
13	2018/冬	J	50	118	75	95	16.9	26.0	24.8	25.4	98	0	67	-64	2084(97%)
14	2018/春	J	50	117	74	95	15.9	26.0	23.4	25.3	122	0	58	-61	2134(97%)
15	2018/夏	J	50	124	78	106	15.8	26.0	22.9	25.4	79	0	71	-65	1728(78%)
16	2018/秋	J	50	104	71	85	16.9	26.0	25.0	25.7	107	0	55	-61	2111(97%)
17	2018/年	J	50	124	74	94	16.4	26.0	24.3	25.5	406	0	71	-65	8057(92%)

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表3.2.6 2018年嘉南海域 G 站修補前潮差週期及潮位重要統計量統計表

序號	日期 (年/月)	測站	平均潮差 (公分)	最大潮差 (公分)	1/3潮差 (公分)	1/10潮差 (公分)	平均週期 (時)	最大週期 (時)	1/3週期 (時)	1/10週期 (時)	潮差個數 (個)	平均潮位 (公分)	最高潮位 (公分)	最低潮位 (公分)	水位點數 (個)
1	2017/12	G	51	68	63	66	13.3	25.0	16.6	23.0	55	0	61	-50	744(100%)
2	2018/01	G	52	91	78	88	13.8	26.0	17.9	24.8	53	0	65	-48	740(100%)
3	2018/02	G	51	75	59	66	12.6	24.0	14.9	16.8	52	0	56	-48	672(100%)
4	2018/03	G	54	73	63	68	12.6	25.0	14.6	17.0	57	0	46	-54	741(100%)
5	2018/04	G	50	67	60	64	12.9	25.0	14.9	18.6	54	0	40	-47	719(100%)
6	2018/05	G	52	68	62	66	13.6	25.0	17.1	25.0	54	0	53	-49	744(100%)
7	2018/06	G	52	81	65	72	13.4	25.0	16.8	23.0	53	0	75	-60	720(100%)
8	2018/07	G	54	119	93	111	12.8	24.0	15.5	18.8	57	0	68	-56	744(100%)
9	2018/08	G	54	117	85	110	12.6	24.0	14.4	16.8	58	0	70	-59	744(100%)
10	2018/09	G	60	112	85	104	12.9	24.0	15.1	18.6	55	0	65	-60	718(100%)
11	2018/10	G	59	97	87	94	12.5	15.0	14.3	15.0	59	0	60	-61	743(100%)
12	2018/11	G	57	111	90	104	13.4	25.0	17.1	22.8	53	0	53	-59	720(100%)
13	2018/冬	G	51	91	67	80	13.2	26.0	16.4	21.7	160	0	65	-50	2156(100%)
14	2018/春	G	52	73	62	66	13.0	25.0	15.6	19.9	165	0	53	-55	2204(100%)
15	2018/夏	G	53	119	82	104	12.9	25.0	15.5	19.3	168	0	75	-60	2208(100%)
16	2018/秋	G	59	112	87	100	12.9	25.0	15.4	18.6	167	0	65	-61	2181(100%)
17	2018/年	G	54	119	75	94	13.0	26.0	15.8	19.7	660	0	75	-61	8749(100%)

表3.2.7 2018年嘉南海域 A 站修補前潮差週期及潮位重要統計量統計表

序 號	日期 (年/月)	測 站	平均 潮差 (公分)	最大 潮差 (公分)	1/3 潮差 (公分)	1/10 潮差 (公分)	平均 週期 (時)	最大 週期 (時)	1/3 週期 (時)	1/10 週期 (時)	潮差 個數 (個)	平均 潮位 (公分)	最高 潮位 (公分)	最低 潮位 (公分)	水位 點數 (個)
1	2017/12	A	150	217	184	210	12.4	13.0	13.0	13.0	59	0	116	-125	743(100%)
2	2018/01	A	147	219	184	209	12.8	25.0	14.3	18.0	57	0	126	-128	740(100%)
3	2018/02	A	146	214	180	199	12.4	13.0	13.0	13.0	50	0	121	-127	664(99%)
4	2018/03	A	145	203	179	192	13.2	25.0	15.3	22.3	49	0	107	-125	725(97%)
5	2018/04	A	144	192	176	186	13.7	26.0	16.8	25.3	48	0	93	-108	698(97%)
6	2018/05	A	133	180	163	177	12.4	13.0	13.0	13.0	46	0	90	-109	597(80%)
7	2018/06	A	140	221	180	209	12.7	25.0	13.7	15.4	53	0	112	-143	678(94%)
8	2018/07	A	142	241	193	231	12.6	25.0	13.8	16.0	56	0	114	-127	725(97%)
9	2018/08	A	145	241	190	229	12.4	14.0	13.3	14.0	59	0	114	-126	744(100%)
10	2018/09	A	151	230	192	218	13.1	25.0	15.2	20.4	54	0	111	-125	711(99%)
11	2018/10	A	147	203	190	199	12.4	14.0	13.3	14.0	40	0	135	-111	537(72%)
12	2018/11	A													
13	2018/冬	A	148	219	182	206	12.6	25.0	13.4	14.6	166	0	126	-128	2147(99%)
14	2018/春	A	141	203	174	185	13.1	26.0	15.1	20.0	143	0	107	-125	2020(92%)
15	2018/夏	A	142	241	187	224	12.6	25.0	13.6	15.1	168	0	114	-143	2147(97%)
16	2018/秋	A	150	230	191	210	12.8	25.0	14.4	17.6	94	0	135	-125	1248(57%)
17	2018/年	A	145	241	184	208	12.8	26.0	14.1	16.5	571	0	135	-143	7562(86%)

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表3.2.8 2018年嘉南海域 K 站修補前潮差週期及潮位重要統計量統計表

序 號	日期 (年/月)	測 站	平均 潮差 (公分)	最大 潮差 (公分)	1/3 潮差 (公分)	1/10 潮差 (公分)	平均 週期 (時)	最大 週期 (時)	1/3 週期 (時)	1/10 週期 (時)	潮差 個數 (個)	平均 潮位 (公分)	最高 潮位 (公分)	最低 潮位 (公分)	水位 點數 (個)
1	2017/12	K	125	201	168	200	13.8	25.0	17.4	25.0	26	0	96	-106	540(73%)
2	2018/01	K	114	219	149	176	12.9	26.0	14.6	18.0	50	0	102	-146	713(96%)
3	2018/02	K	116	201	155	176	13.6	27.0	16.6	25.3	43	0	89	-113	653(97%)
4	2018/03	K	110	154	134	144	13.7	26.0	16.8	25.0	49	0	88	-104	708(95%)
5	2018/04	K	109	160	139	153	13.4	26.0	16.1	22.8	50	0	72	-90	693(96%)
6	2018/05	K	114	176	157	174	12.4	13.0	13.0	13.0	33	0	76	-102	465(63%)
7	2018/06	K	114	183	151	167	12.9	25.0	15.3	19.8	44	0	96	-115	622(86%)
8	2018/07	K	110	193	154	187	12.9	25.0	14.9	18.4	54	0	90	-103	699(94%)
9	2018/08	K	108	195	138	169	13.6	25.0	16.8	24.8	54	0	97	-100	710(95%)
10	2018/09	K	111	173	144	165	12.4	15.0	13.5	14.2	51	0	85	-92	664(92%)
11	2018/10	K	110	152	141	149	12.7	26.0	14.3	16.8	58	0	91	-105	743(100%)
12	2018/11	K	103	151	132	145	12.8	25.0	14.8	17.3	48	0	76	-84	670(93%)
13	2018/冬	K	117	219	155	183	13.4	27.0	15.9	23.0	119	0	102	-146	1906(88%)
14	2018/春	K	110	176	142	159	13.3	26.0	15.5	21.5	132	0	88	-104	1866(85%)
15	2018/夏	K	110	195	148	176	13.1	25.0	15.7	20.6	152	0	97	-115	2031(92%)
16	2018/秋	K	108	173	140	154	12.6	26.0	14.2	15.9	157	0	91	-105	2077(95%)
17	2018/年	K	111	219	146	168	13.1	27.0	15.3	19.8	560	0	102	-146	7880(90%)

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表3.2.9 2018年嘉南海域 P 站修補前潮差週期及潮位重要統計量統計表

序 號	日期 (年/月)	測 站	平均 潮差 (公分)	最大 潮差 (公分)	1/3 潮差 (公分)	1/10 潮差 (公分)	平均 週期 (時)	最大 週期 (時)	1/3 週期 (時)	1/10 週期 (時)	潮差 個數 (個)	平均 潮位 (公分)	最高 潮位 (公分)	最低 潮位 (公分)	水位 點數 (個)
1	2017/12	P	165	242	208	239	15.0	25.0	20.9	25.0	29	0	121	-124	560(75%)
2	2018/01	P	152	246	193	228	13.7	26.0	16.8	24.8	50	0	133	-355	706(95%)
3	2018/02	P	185	378	269	364	14.1	26.0	18.2	25.3	44	0	321	-126	653(97%)
4	2018/03	P	152	397	194	233	13.4	25.0	15.9	22.2	50	0	327	-122	706(95%)
5	2018/04	P	147	203	179	193	12.9	25.0	14.4	17.8	52	0	99	-111	693(96%)
6	2018/05	P	154	223	197	217	12.4	13.0	13.0	13.0	33	0	99	-124	467(63%)
7	2018/06	P	147	232	188	215	13.4	25.0	15.9	22.2	50	0	122	-134	675(94%)
8	2018/07	P	156	214	194	209	12.8	25.0	14.2	17.7	36	0	122	-124	495(67%)
9	2018/08	P	149	248	189	222	13.4	25.0	16.2	25.0	48	0	125	-124	699(94%)
10	2018/09	P	161	244	200	223	12.4	14.0	13.2	13.8	51	0	116	-136	666(93%)
11	2018/10	P	159	211	198	209	12.7	25.0	13.9	16.2	58	0	125	-127	741(100%)
12	2018/11	P	155	220	193	212	13.0	25.0	14.9	19.5	46	0	110	-124	669(93%)
13	2018/冬	P	167	378	223	297	14.1	26.0	18.0	25.2	123	0	320	-355	1919(89%)
14	2018/春	P	150	397	189	217	13.0	25.0	14.6	18.4	135	0	327	-124	1866(85%)
15	2018/夏	P	150	248	190	215	13.2	25.0	15.5	21.5	134	0	125	-134	1869(85%)
16	2018/秋	P	158	244	198	215	12.7	25.0	14.0	16.2	155	0	125	-136	2076(95%)
17	2018/年	P	156	397	200	236	13.2	26.0	15.4	21.0	547	0	327	-355	7730(88%)

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表3.2.10 2018年嘉南海域 Q 站修補前潮差週期及潮位重要統計量統計表

序號	日期 (年/月)	測站	平均潮差 (公分)	最大潮差 (公分)	1/3潮差 (公分)	1/10潮差 (公分)	平均週期 (時)	最大週期 (時)	1/3週期 (時)	1/10週期 (時)	潮差個數 (個)	平均潮位 (公分)	最高潮位 (公分)	最低潮位 (公分)	水位點數 (個)
1	2017/12	Q	173	254	218	251	14.6	25.0	19.4	25.0	28	0	135	-126	562(76%)
2	2018/01	Q	161	258	211	241	13.1	26.0	15.2	20.4	52	0	137	-140	708(95%)
3	2018/02	Q	163	230	199	222	12.7	25.0	13.8	16.3	49	0	123	-144	654(97%)
4	2018/03	Q	158	216	191	206	12.9	24.0	14.5	19.0	49	0	140	-131	704(95%)
5	2018/04	Q	156	213	193	207	12.6	25.0	13.7	15.4	53	0	105	-115	693(96%)
6	2018/05	Q	162	232	206	225	12.4	13.0	13.0	13.0	33	0	104	-128	465(63%)
7	2018/06	Q	158	266	208	256	13.7	25.0	16.7	25.0	49	0	175	-156	671(93%)
8	2018/07	Q	158	224	197	219	13.4	25.0	15.9	22.8	52	0	124	-131	703(95%)
9	2018/08	Q	157	257	194	227	13.8	25.0	17.4	25.0	53	0	132	-128	721(97%)
10	2018/09	Q	171	313	219	253	12.7	24.0	13.9	15.8	50	0	123	-191	665(92%)
11	2018/10	Q	170	242	210	226	12.9	25.0	14.6	18.4	57	0	129	-171	740(100%)
12	2018/11	Q	165	234	208	229	12.7	25.0	13.9	16.8	49	0	111	-129	671(93%)
13	2018/冬	Q	164	258	207	238	13.3	26.0	15.5	22.0	129	0	137	-144	1924(89%)
14	2018/春	Q	158	232	195	213	12.7	25.0	13.8	15.8	135	0	140	-131	1862(84%)
15	2018/夏	Q	157	266	199	236	13.6	25.0	16.6	24.9	154	0	175	-156	2095(95%)
16	2018/秋	Q	169	313	212	236	12.8	25.0	14.1	16.9	156	0	129	-191	2076(95%)
17	2018/年	Q	162	313	204	232	13.1	26.0	15.0	19.8	574	0	175	-191	7957(91%)

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表3.2.11 2018年嘉南海域 N 站修補前潮差週期及潮位重要統計量統計表

序號	日期 (年/月)	測站	平均 潮差 (公分)	最大 潮差 (公分)	1/3 潮差 (公分)	1/10 潮差 (公分)	平均 週期 (時)	最大 週期 (時)	1/3 週期 (時)	1/10 週期 (時)	潮差 個數 (個)	平均 潮位 (公分)	最高 潮位 (公分)	最低 潮位 (公分)	水位 點數 (個)
1	2017/12	N													
2	2018/01	N													
3	2018/02	N													
4	2018/03	N													
5	2018/04	N													
6	2018/05	N													
7	2018/06	N													
8	2018/07	N													
9	2018/08	N													
10	2018/09	N													
11	2018/10	N	154	214	189	209	13.8	26.0	17.1	25.3	45	0	131	-114	656(88%)
12	2018/11	N	152	226	186	208	13.7	25.0	17.0	25.0	49	0	115	-117	710(99%)
13	2018/冬	N													
14	2018/春	N													
15	2018/夏	N													
16	2018/秋	N	153	226	187	208	13.8	26.0	17.0	25.0	94	0	130	-117	1366(63%)
17	2018/年	N	153	226	187	208	13.8	26.0	17.0	25.0	94	0	130	-117	1366(16%)

3-2-11

表3.2.12 2018年嘉南海域 L 站修補前潮差週期及潮位重要統計量統計表

序 號	日期 (年/月)	測 站	平均 潮差 (公分)	最大 潮差 (公分)	1/3 潮差 (公分)	1/10 潮差 (公分)	平均 週期 (時)	最大 週期 (時)	1/3 週期 (時)	1/10 週期 (時)	潮差 個數 (個)	平均 潮位 (公分)	最高 潮位 (公分)	最低 潮位 (公分)	水位 點數 (個)
1	2017/12	L													
2	2018/01	L													
3	2018/02	L													
4	2018/03	L													
5	2018/04	L													
6	2018/05	L													
7	2018/06	L													
8	2018/07	L													
9	2018/08	L													
10	2018/09	L													
11	2018/10	L	63	104	83	98	13.4	26.0	16.9	25.3	49	0	62	-69	658(88%)
12	2018/11	L	62	118	95	107	14.6	25.0	19.8	25.0	42	0	56	-74	709(99%)
13	2018/冬	L													
14	2018/春	L													
15	2018/夏	L													
16	2018/秋	L	63	118	89	103	14.0	26.0	18.3	25.1	91	0	62	-74	1367(63%)
17	2018/年	L	63	118	89	103	14.0	26.0	18.3	25.1	91	0	62	-74	1367(16%)

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3.3 2018 年嘉南海域**主要測站 1**(修補後)與 **其他測站**(修補前)潮位歷線比較圖

Tidal Level in Chia-Nan Seas of CNT0 at 2018

1 ○ 8 ● 15 ● 22 ●

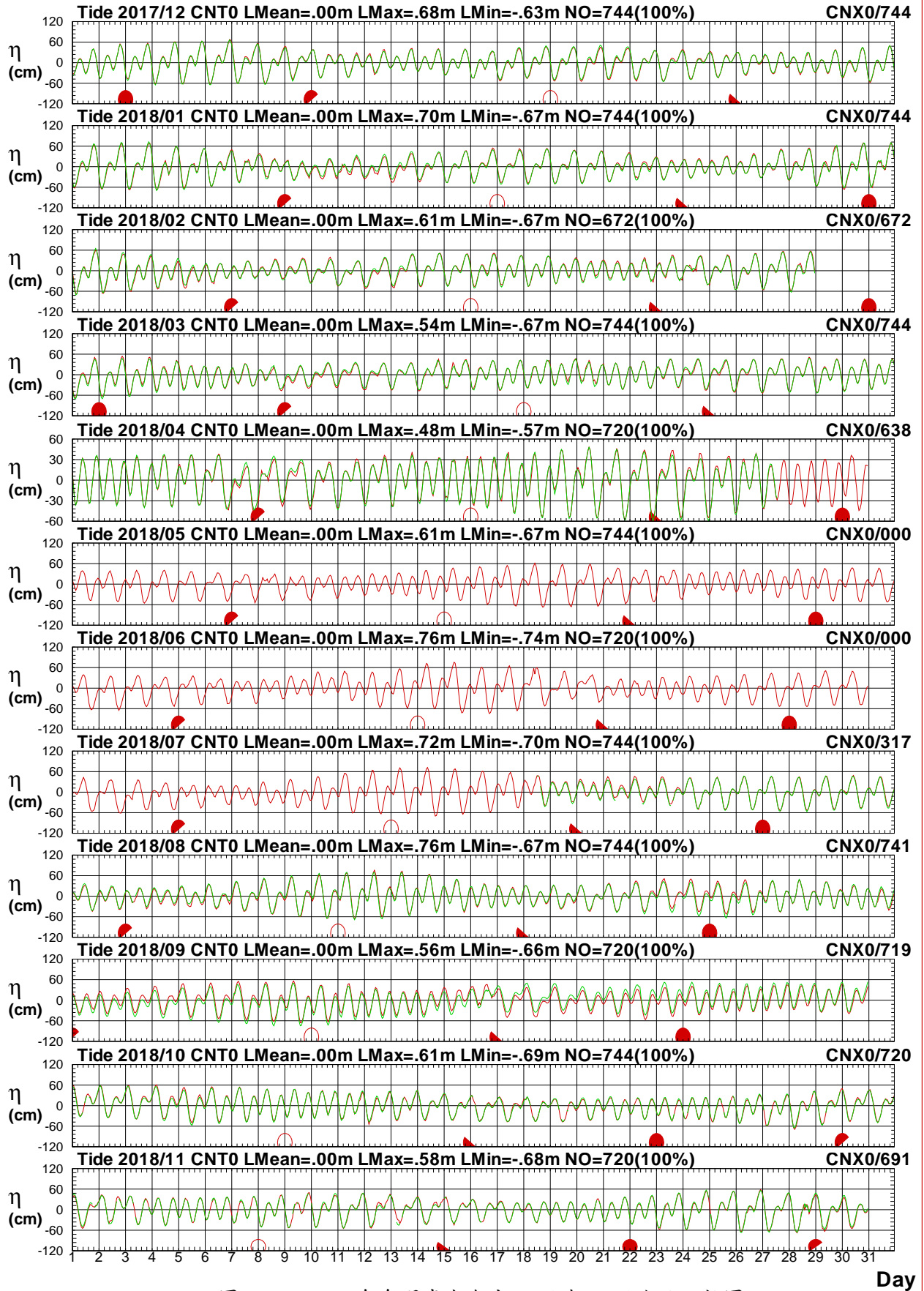


圖3.3.1 2018年每月嘉南海域 T 站與 X 站潮位比較圖

T17CCNT0.1HA T17CCNX0.1H0 T181CNT0.1HA T181CNX0.1H0 T182CNT0.1HA T182CNX0.1H0
 T183CNT0.1HA T183CNX0.1H0 T184CNT0.1HA T184CNX0.1H0 T185CNT0.1HA T185CNX0.1H0

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Tidal Level in Chia-Nan Seas of CNT0 at 2018

1 ○ 8 ● 15 ● 22 ●

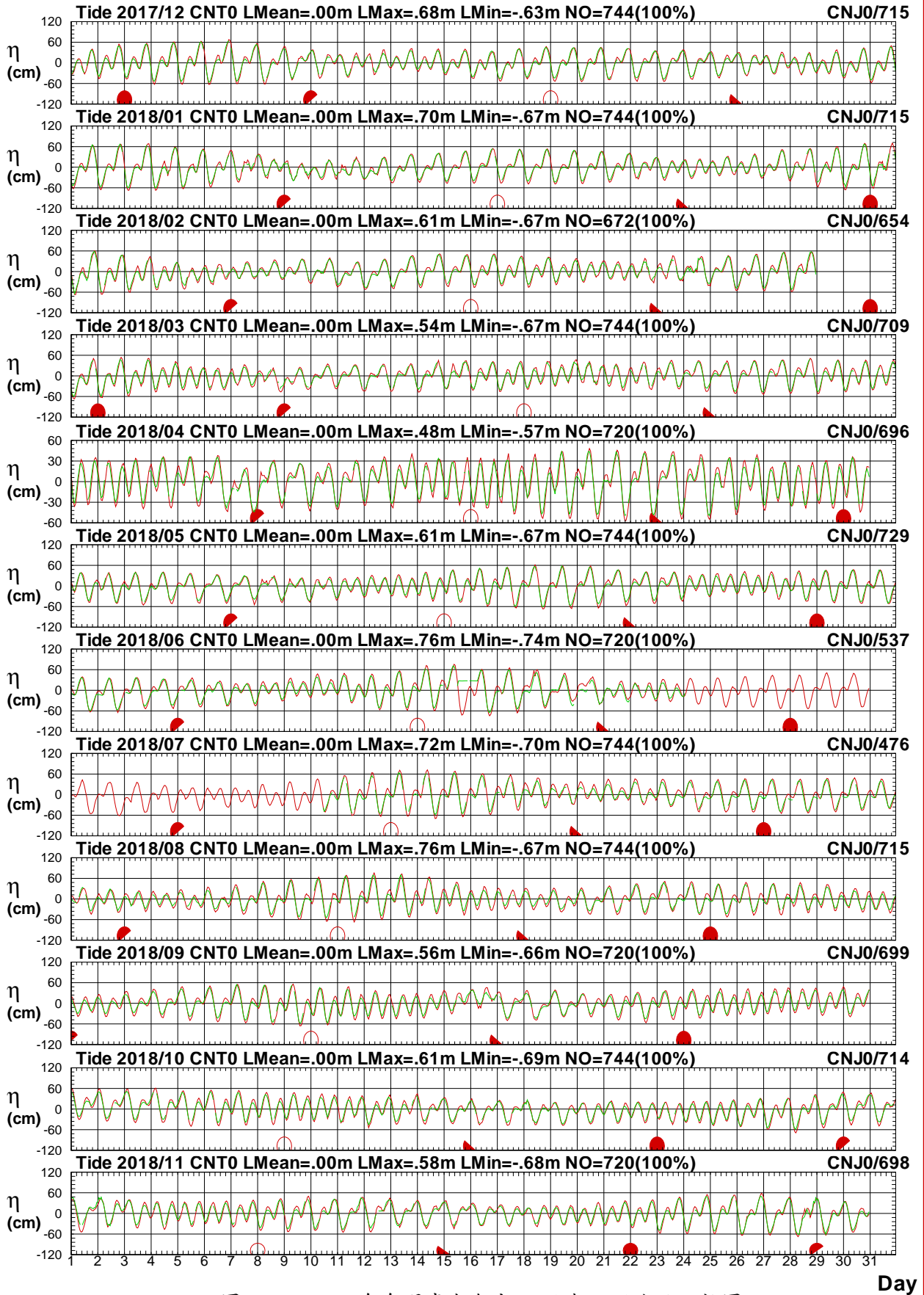


圖3.3.2 2018年每月嘉南海域 T 站與 J 站潮位比較圖

T17CCNT0.1HA T17CCNJ0.1H0 T181CNT0.1HA T181CNJ0.1H0 T182CNT0.1HA T182CNJ0.1H0
 T183CNT0.1HA T183CNJ0.1H0 T184CNT0.1HA T184CNJ0.1H0 T185CNT0.1HA T185CNJ0.1H0

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Tidal Level in Chia-Nan Seas of CNT0 at 2018

1 ○ 8 ● 15 ● 22 ●

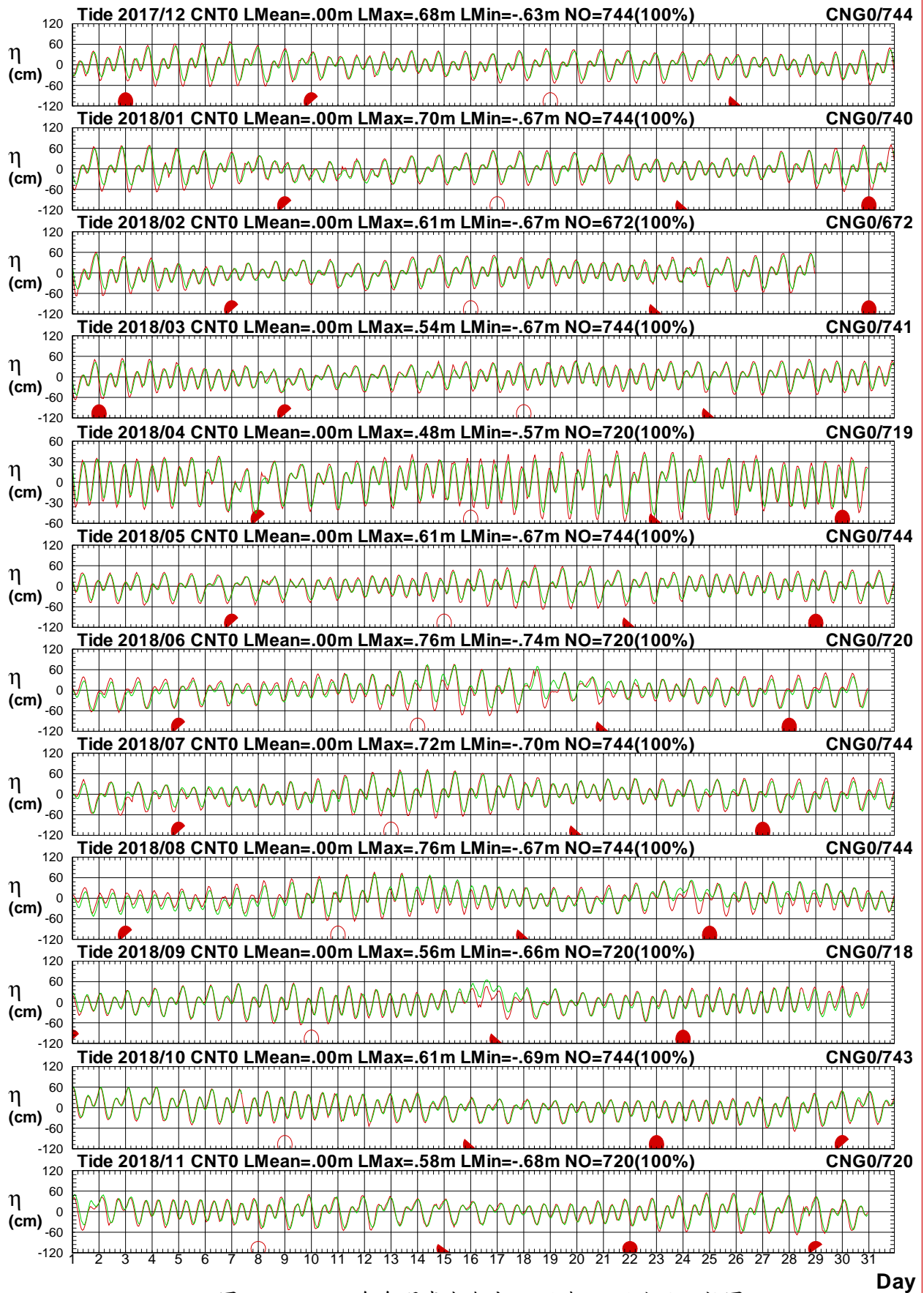


圖3.3.3 2018年每月嘉南海域 T 站與 G 站潮位比較圖

T17CCNT0.1HA T17CCNG0.1HO T181CNT0.1HA T181CNG0.1HO T182CNT0.1HA T182CNG0.1HO
 T183CNT0.1HA T183CNG0.1HO T184CNT0.1HA T184CNG0.1HO T185CNT0.1HA T185CNG0.1HO

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Tidal Level in Chia-Nan Seas of CNT0 at 2018

1 ○ 8 ● 15 ● 22 ●

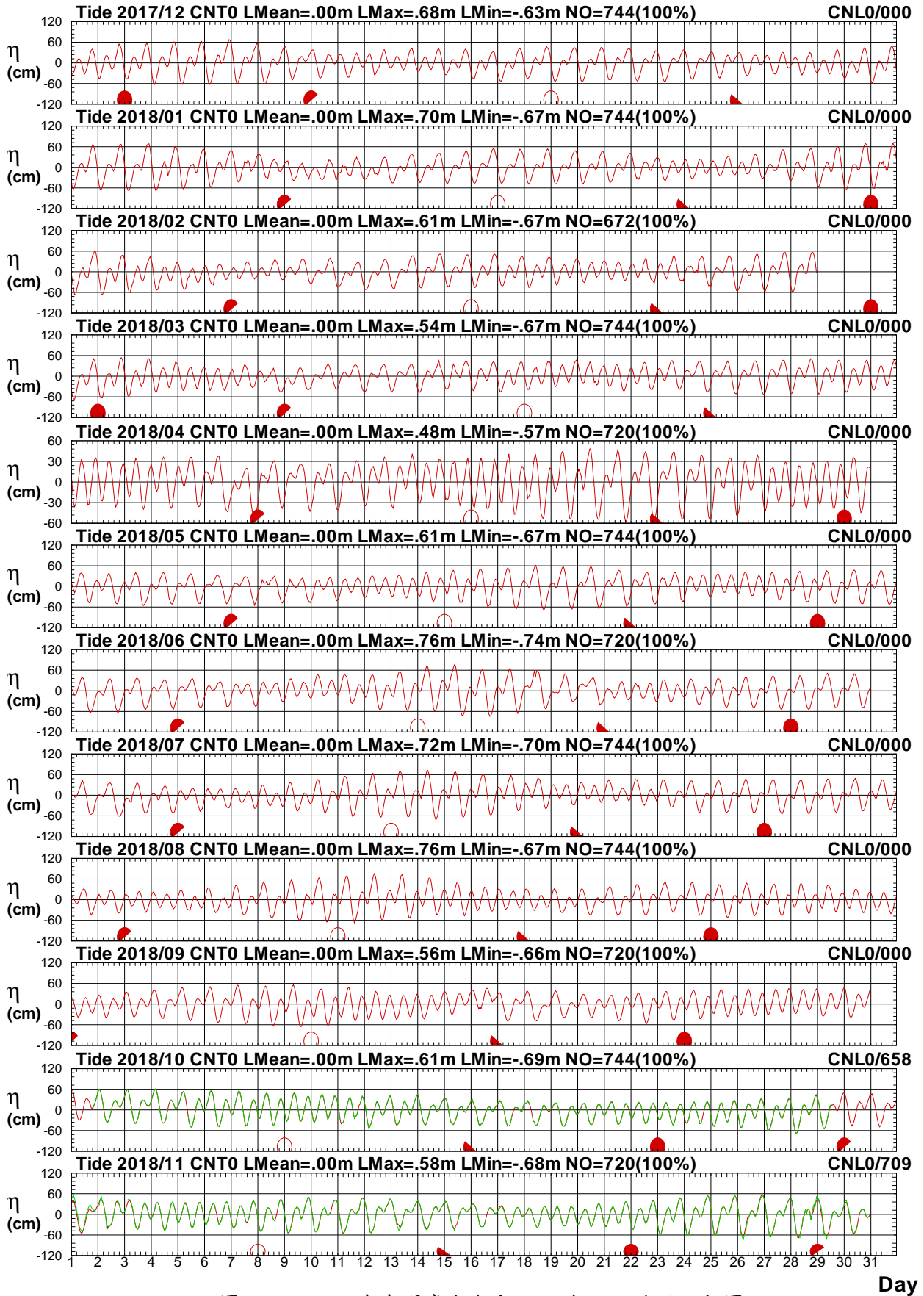


圖3.3.4 2018年每月嘉南海域 T 站與 L 站潮位比較圖

T17CCNT0.1HA T17CCNL0.1H0 T181CNT0.1HA T181CNL0.1H0 T182CNT0.1HA T182CNL0.1H0
 T183CNT0.1HA T183CNL0.1H0 T184CNT0.1HA T184CNL0.1H0 T185CNT0.1HA T185CNL0.1H0

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3.4 2018 年嘉南海域**主要測站 2**(修補後)與 **其他測站**(修補前)潮位歷線比較圖

Tidal Level in Chia-Nan Seas of CNS0 at 2018

1 ○ 8 ● 15 ● 22 ●

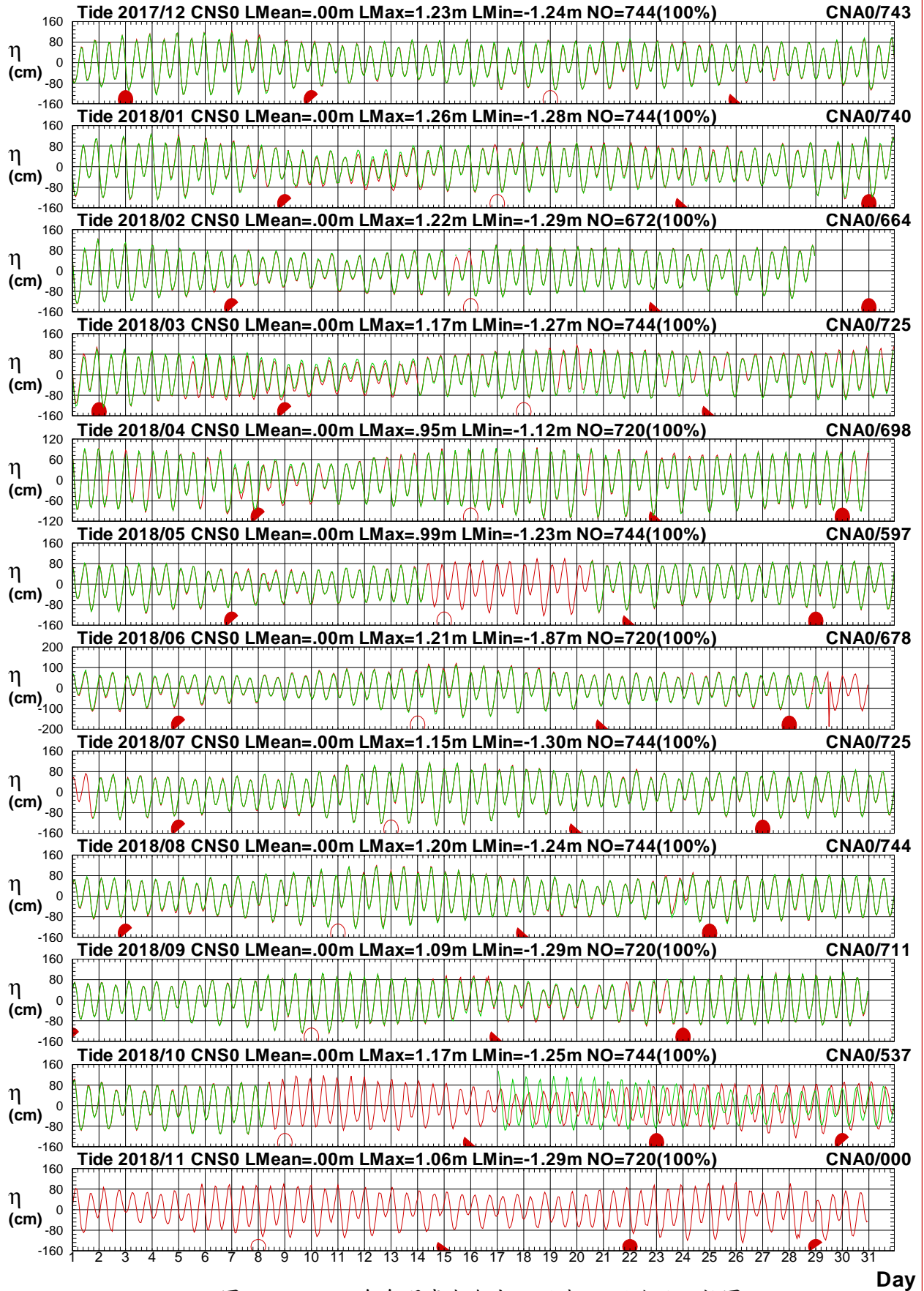


圖3.4.1 2018年每月嘉南海域 S 站與 A 站潮位比較圖

T17CCNS0.1HA T17CCNA0.1H0 T181CNS0.1HA T181CNA0.1H0 T182CNS0.1HA T182CNA0.1H0
 T183CNS0.1HA T183CNA0.1H0 T184CNS0.1HA T184CNA0.1H0 T185CNS0.1HA T185CNA0.1H0

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Tidal Level in Chia-Nan Seas of CNS0 at 2018

1 ○ 8 ● 15 ● 22 ●

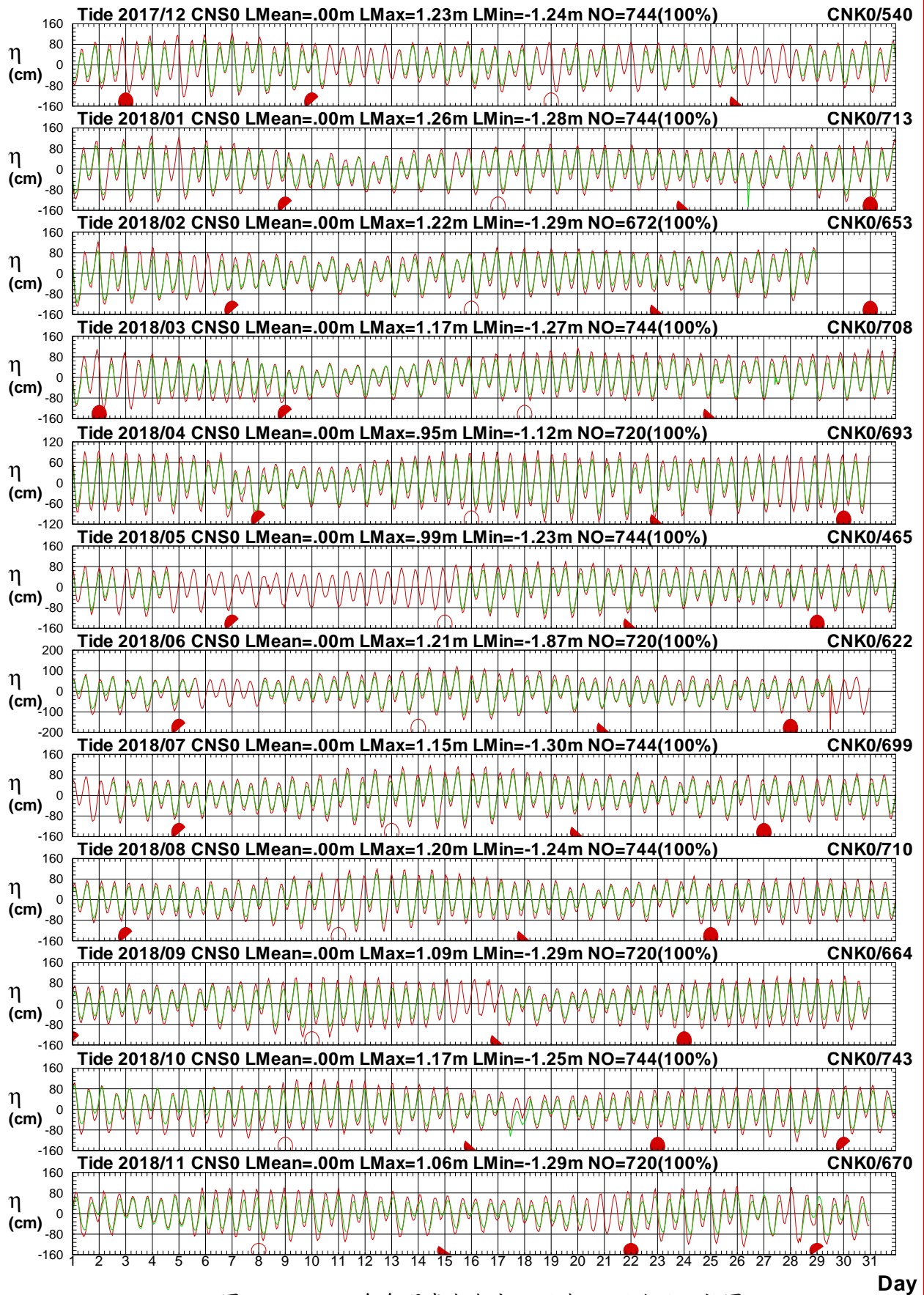


圖3.4.2 2018年每月嘉南海域 S 站與 K 站潮位比較圖

T17CCNS0.1HA T17CCNK0.1H0 T181CNS0.1HA T181CNK0.1H0 T182CNS0.1HA T182CNK0.1H0
T183CNS0.1HA T183CNK0.1H0 T184CNS0.1HA T184CNK0.1H0 T185CNS0.1HA T185CNK0.1H0

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Tidal Level in Chia-Nan Seas of CNS0 at 2018

1 ○ 8 ● 15 ● 22 ●

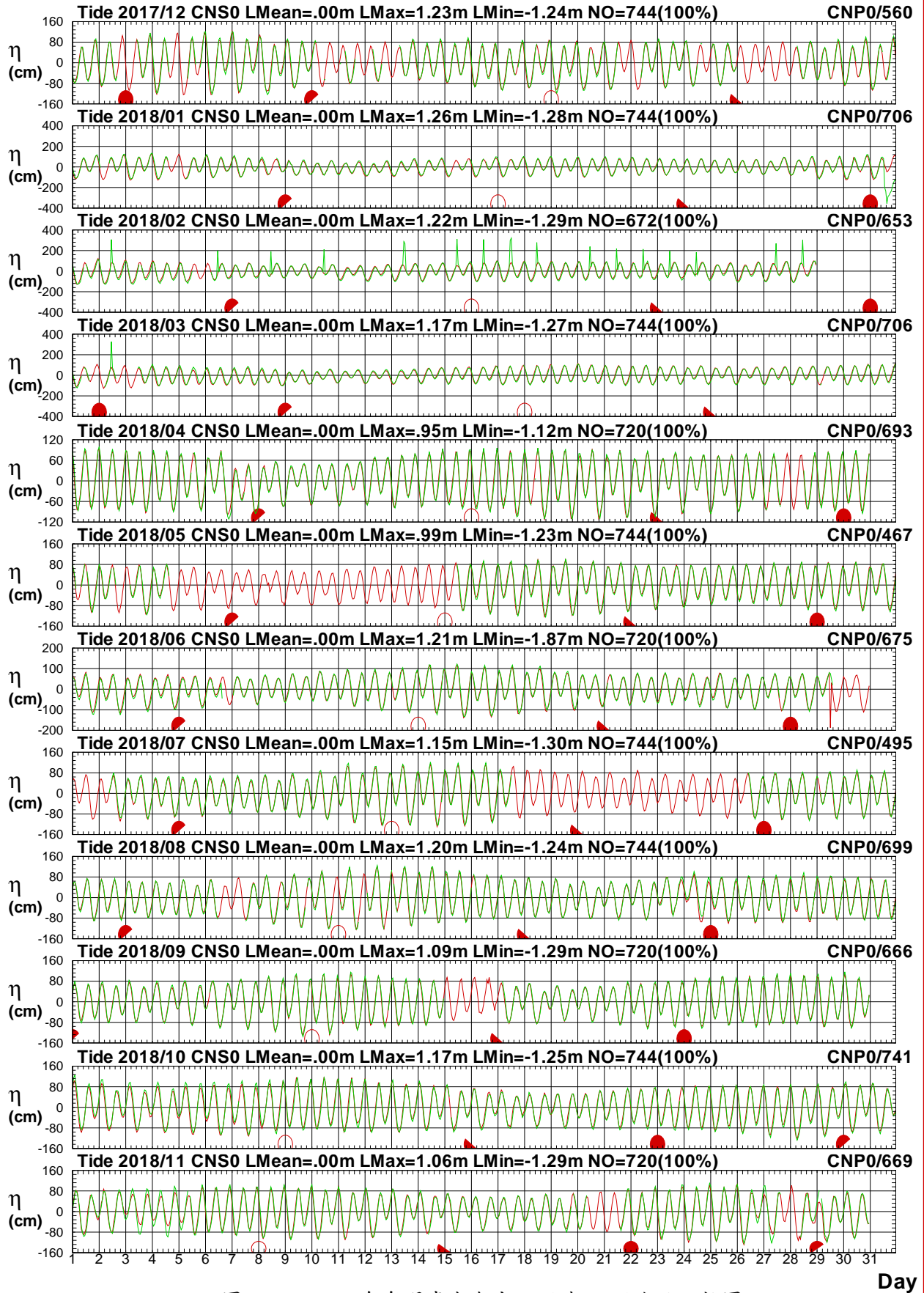


圖3.4.3 2018年每月嘉南海域 S 站與 P 站潮位比較圖

T17CCNS0.1HA T17CCNP0.1H0 T181CNS0.1HA T181CNP0.1H0 T182CNS0.1HA T182CNP0.1H0
 T183CNS0.1HA T183CNP0.1H0 T184CNS0.1HA T184CNP0.1H0 T185CNS0.1HA T185CNP0.1H0

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Tidal Level in Chia-Nan Seas of CNS0 at 2018

1 ○ 8 ● 15 ● 22 ●

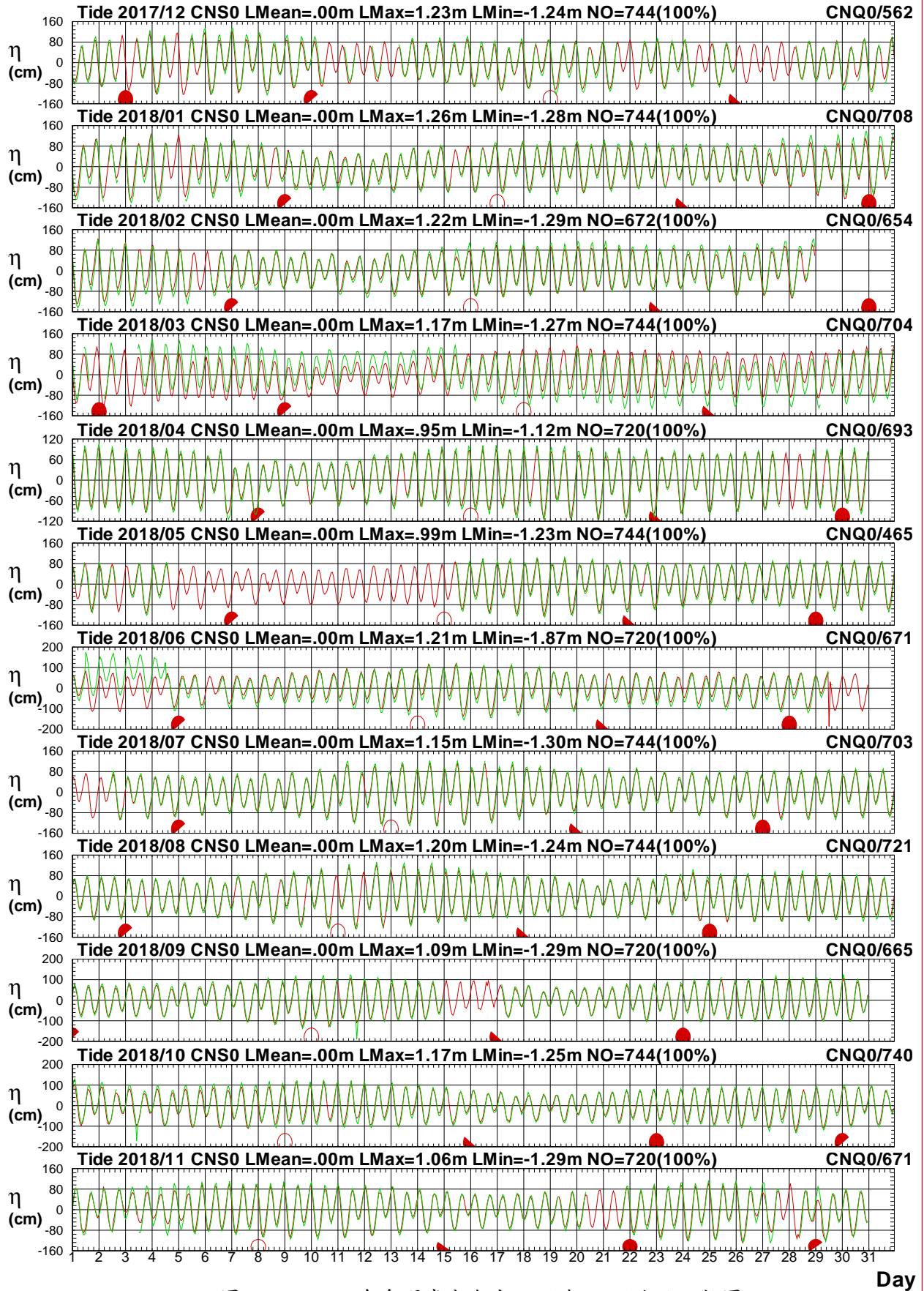


圖3.4.4 2018年每月嘉南海域 S 站與 Q 站潮位比較圖

T17CCNS0.1HA T17CCNQ0.1H0 T181CNS0.1HA T181CNQ0.1H0 T182CNS0.1HA T182CNQ0.1H0
 T183CNS0.1HA T183CNQ0.1H0 T184CNS0.1HA T184CNQ0.1H0 T185CNS0.1HA T185CNQ0.1H0

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Tidal Level in Chia-Nan Seas of CNS0 at 2018

1 ○ 8 ● 15 ● 22 ●

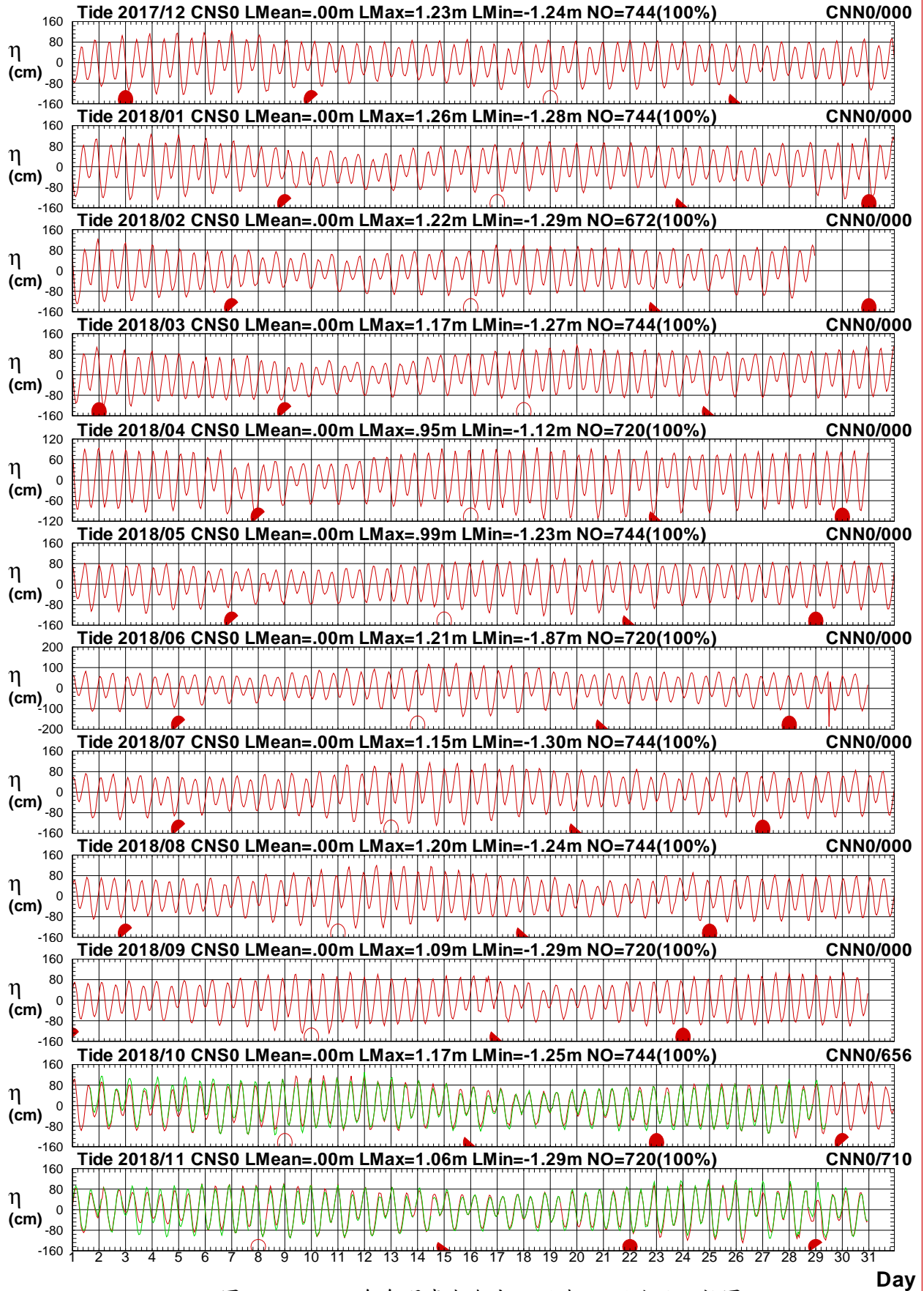


圖3.4.5 2018年每月嘉南海域 S 站與 N 站潮位比較圖

T17CCNS0.1HA T17CCNN0.1H0 T181CNS0.1HA T181CNN0.1H0 T182CNS0.1HA T182CNN0.1H0
 T183CNS0.1HA T183CNN0.1H0 T184CNS0.1HA T184CNN0.1H0 T185CNS0.1HA T185CNN0.1H0

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3.5 2018 年嘉南海域**主要測站 3**(修補後)與 **其他測站**(修補前)潮位歷線比較圖

Tidal Level in Chia-Nan Seas of CNM0 at 2018

1 ○ 8 ● 15 ● 22 ●

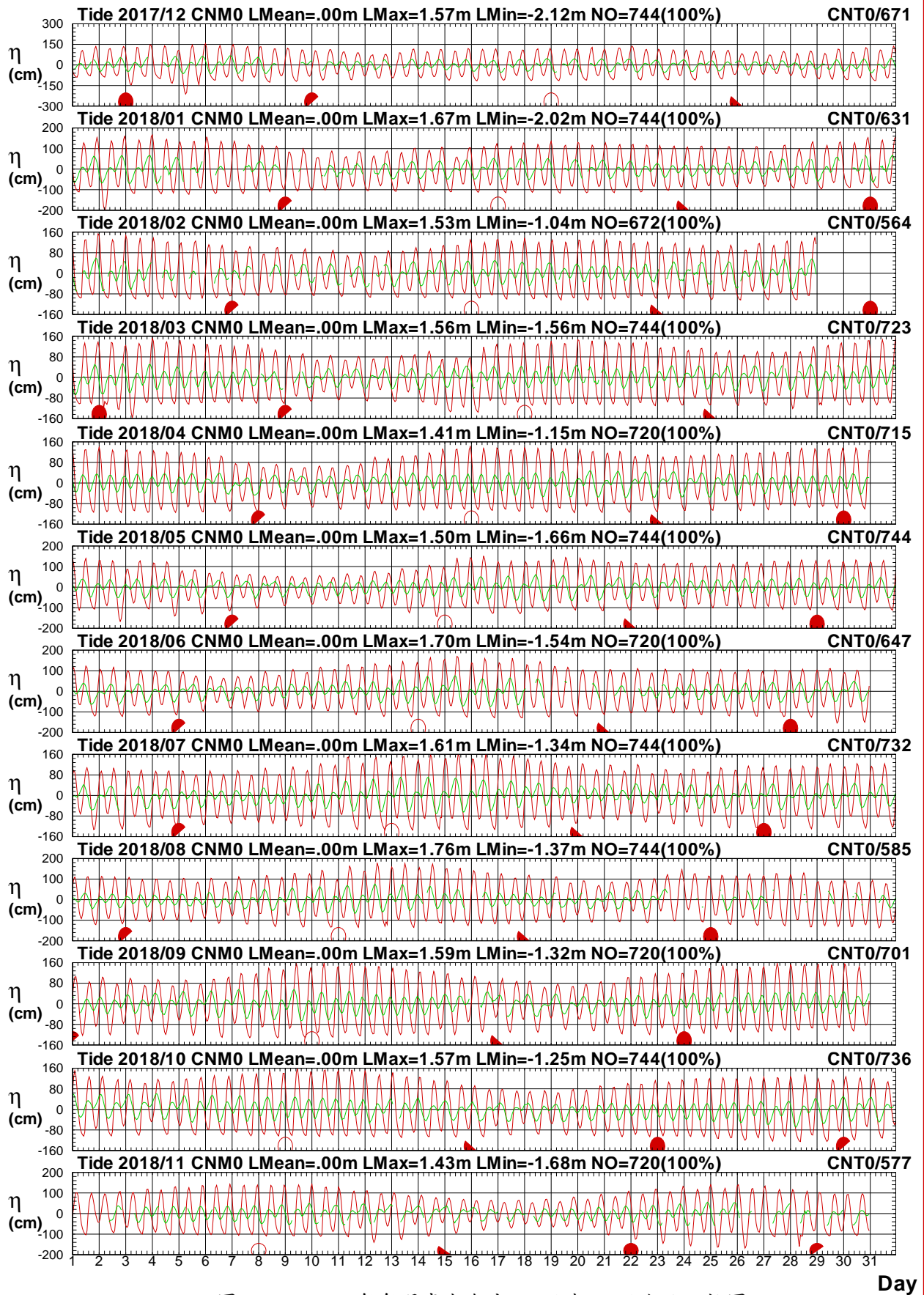


圖3.5.1 2018年每月嘉南海域 M 站與 T 站潮位比較圖

T17CCNM0.1HA T17CCNT0.1H0 T181CNM0.1HA T181CNT0.1H0 T182CNM0.1HA T182CNT0.1H0
T183CNM0.1HA T183CNT0.1H0 T184CNM0.1HA T184CNT0.1H0 T185CNM0.1HA T185CNT0.1H0

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Tidal Level in Chia-Nan Seas of CNM0 at 2018

1 ○ 8 ● 15 ● 22 ●

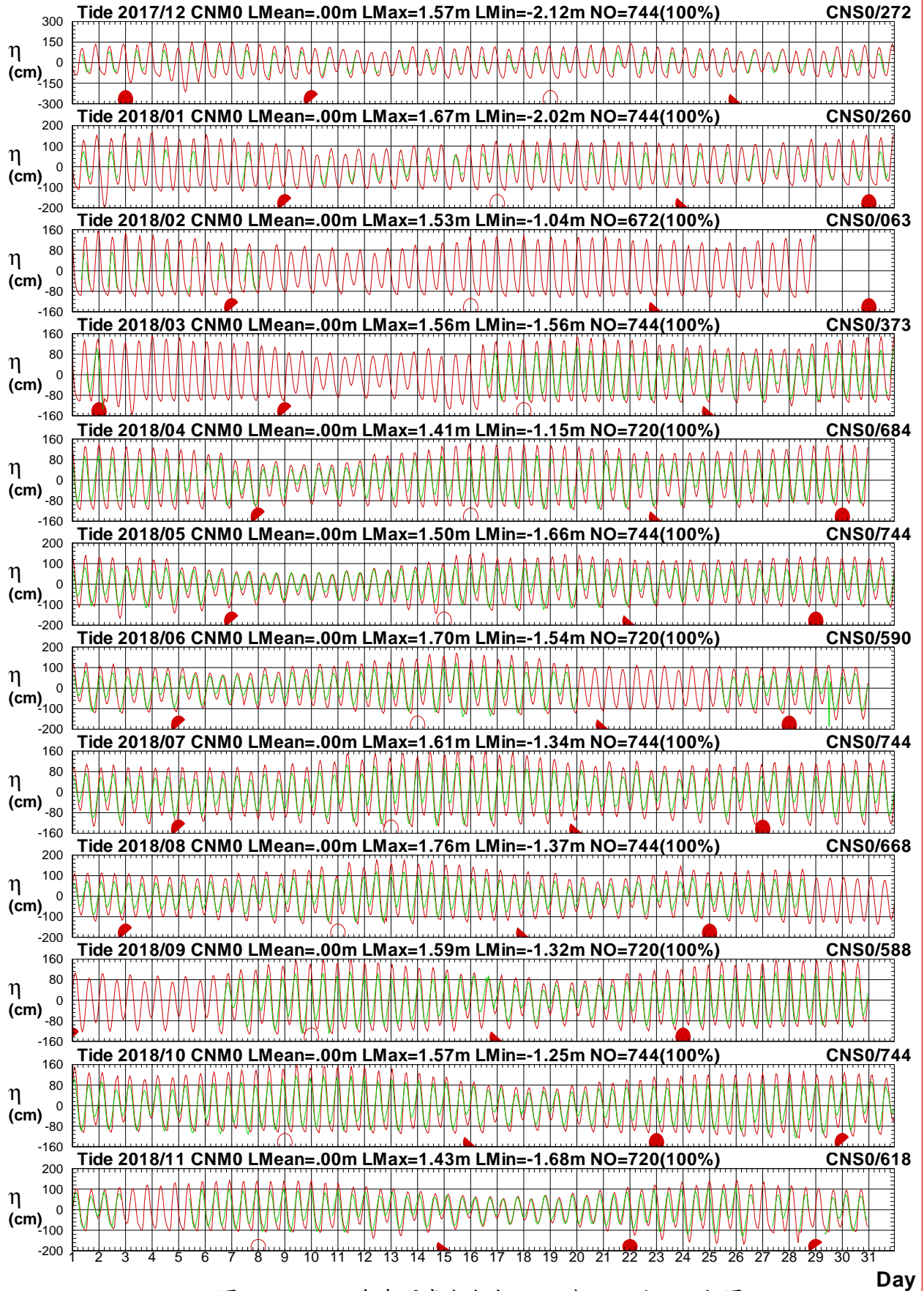


圖3.5.2 2018年每月嘉南海域 M 站與 S 站潮位比較圖

T17CCNM0.1HA T17CCNS0.1H0 T181CNM0.1HA T181CNS0.1H0 T182CNM0.1HA T182CNS0.1H0
 T183CNM0.1HA T183CNS0.1H0 T184CNM0.1HA T184CNS0.1H0 T185CNM0.1HA T185CNS0.1H0

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第四章 2018 年嘉南海域觀測海流資料年報

嘉南海域海流之觀測包括測站 X、測站 Y、測站 A、測站 Z 及測站 U 等 5 個測站(測站位置如第 0 章圖 CB1)。

本年報利用調和分析方法觀測海流可分解為：

(1) 計算潮流(包括平均流)。

(2) 計算殘(餘)流(或稱非潮流)。

4.1 2018 年嘉南海域觀測海流資料年報圖表

本章第 1 節風力年報資料處理之統計表包括：

1. 表 1.1.1a 2018 年各觀測站每月觀測海流資料記錄表。
2. 表 1.1.1b 2018 年各觀測站每月計算潮流資料記錄表。

本章第 2 節海流年報資料處理之統計表包括：

1. 2018 年各觀測站每月觀測流速及流向重要統計量統計表。
2. 2018 年各觀測站每月計算潮流流速及流向重要統計量統計表。
3. 2018 年各觀測站每月計算殘(餘)流流速及流向重要統計量統計表。

本章第 3 節海流年報資料處理之統計圖包括：

1. 2018 年各觀測站之觀測海流與計算潮流歷線比較圖。
2. 2018 年各觀測站之觀測海流與計算殘(餘)流歷線比較圖。

本章第 4 節海流年報資料處理之統計圖包括:2018 年各觀測站之觀測海流、計算潮流及計算殘流等 3 個向量分佈圖。

本章第 5 節海流年報資料處理之統計圖包括:2018 年各觀測站之觀測海流、計算潮流及計算殘流等 3 個向量行進圖。

表4.1.1a 2018年每月嘉南海域各測站觀測海流資料紀錄表

海域	嘉南海域	嘉南海域	嘉南海域	嘉南海域	嘉南海域	嘉南海域	嘉南海域	嘉南海域	嘉南海域	嘉南海域	嘉南海域	嘉南海域
年月/測站	X	Y	Z	V	U	A						
2017/12月	721(96.9%)	677(91.0%)	555(74.6%)	*	*	743(99.9%)	*	*	*	*	*	*
2018/ 1月	713(95.8%)	624(83.9%)	519(69.8%)	*	*	740(99.5%)	*	*	*	*	*	*
2018/ 2月	644(95.8%)	309(46.0%)	498(74.1%)	*	*	664(98.8%)	*	*	*	*	*	*
2018/ 3月	695(93.4%)	693(93.1%)	95(12.8%)	*	*	725(97.4%)	*	*	*	*	*	*
2018/ 4月	598(83.1%)	670(93.1%)	*	*	*	698(96.9%)	*	*	*	*	*	*
2018/ 5月	*	522(70.2%)	*	*	203(27.3%)	671(90.2%)	*	*	*	*	*	*
2018/ 6月	*	549(76.3%)	623(86.5%)	*	702(97.5%)	678(94.2%)	*	*	*	*	*	*
2018/ 7月	311(41.8%)	694(93.3%)	668(89.8%)	*	740(99.5%)	725(97.4%)	*	*	*	*	*	*
2018/ 8月	741(99.6%)	653(87.8%)	662(89.0%)	*	675(90.7%)	744(100%)	*	*	*	*	*	*
2018/ 9月	693(96.3%)	699(97.1%)	617(85.7%)	*	*	711(98.8%)	*	*	*	*	*	*
2018/10月	688(92.5%)	714(96.0%)	560(75.3%)	*	540(72.6%)	358(48.1%)	*	*	*	*	*	*
2018/11月	691(96.0%)	693(96.3%)	533(74.0%)	*	715(99.3%)	720(100%)	*	*	*	*	*	*
2018/冬季	2078(96.2%)	1610(74.5%)	1572(72.8%)	*	*	2147(99.4%)	*	*	*	*	*	*
2018/春季	1293(58.6%)	1885(85.4%)	95(4.3%)	*	203(9.2%)	2094(94.8%)	*	*	*	*	*	*
2018/夏季	1052(47.6%)	1896(85.9%)	1953(88.5%)	*	2117(95.9%)	2147(97.2%)	*	*	*	*	*	*
2018/秋季	2072(94.9%)	2106(96.4%)	1710(78.3%)	*	1255(57.5%)	1789(81.9%)	*	*	*	*	*	*
2018/整年	6495(74.1%)	7497(85.6%)	5330(60.8%)	*	3575(40.8%)	8177(93.3%)	*	*	*	*	*	*
起始年月	2017/12	2017/12	2017/12	*	2018/05	2017/12	*	*	*	*	*	*
結束年月	2018/11	2018/11	2018/11	*	2018/11	2018/11	*	*	*	*	*	*

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表4.1.1b 2018年每月嘉南海域計算潮流各測站資料紀錄表

海域	嘉南海域	嘉南海域	嘉南海域	嘉南海域	嘉南海域	嘉南海域	嘉南海域	嘉南海域	嘉南海域	嘉南海域	嘉南海域	嘉南海域
年月/測站	X	Y	Z	V	U	A						
2017/12月	744(100%)	744(100%)	744(100%)	*	744(100%)	744(100%)	*	*	*	*	*	*
2018/ 1月	744(100%)	744(100%)	744(100%)	*	744(100%)	744(100%)	*	*	*	*	*	*
2018/ 2月	672(100%)	672(100%)	672(100%)	*	672(100%)	672(100%)	*	*	*	*	*	*
2018/ 3月	744(100%)	744(100%)	744(100%)	*	744(100%)	744(100%)	*	*	*	*	*	*
2018/ 4月	720(100%)	720(100%)	720(100%)	*	720(100%)	720(100%)	*	*	*	*	*	*
2018/ 5月	744(100%)	744(100%)	744(100%)	*	744(100%)	744(100%)	*	*	*	*	*	*
2018/ 6月	720(100%)	720(100%)	720(100%)	*	720(100%)	720(100%)	*	*	*	*	*	*
2018/ 7月	744(100%)	744(100%)	744(100%)	*	744(100%)	744(100%)	*	*	*	*	*	*
2018/ 8月	744(100%)	743(99.9%)	744(100%)	*	744(100%)	744(100%)	*	*	*	*	*	*
2018/ 9月	720(100%)	720(100%)	720(100%)	*	720(100%)	720(100%)	*	*	*	*	*	*
2018/10月	744(100%)	744(100%)	744(100%)	*	744(100%)	744(100%)	*	*	*	*	*	*
2018/11月	720(100%)	720(100%)	720(100%)	*	720(100%)	720(100%)	*	*	*	*	*	*
2018/冬季	2160(100%)	2160(100%)	2160(100%)	*	2160(100%)	2160(100%)	*	*	*	*	*	*
2018/春季	2208(100%)	2208(100%)	2208(100%)	*	2208(100%)	2208(100%)	*	*	*	*	*	*
2018/夏季	2208(100%)	2207(99.9%)	2208(100%)	*	2208(100%)	2208(100%)	*	*	*	*	*	*
2018/秋季	2184(100%)	2184(100%)	2184(100%)	*	2184(100%)	2184(100%)	*	*	*	*	*	*
2018/整年	8760(100%)	8759(99.9%)	8760(100%)	*	8760(100%)	8760(100%)	*	*	*	*	*	*
起始年月	2017/12	2017/12	2017/12	*	2017/12	2017/12	*	*	*	*	*	*
結束年月	2018/11	2018/11	2018/11	*	2018/11	2018/11	*	*	*	*	*	*

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4.2 2018 年嘉南海域各測站觀測海流與 計算潮流(殘流)統計量統計表

表 4.2.1a 2018年嘉南海域 X 站觀測流速及流向重要統計量統計表

序 號	日期 (年/月)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	2017/12	721(97%)	18.8	4.5/SE	51.2/ESE	74.2	25.8	.0	.0	7.6	45.8	8.6	38.0	WNW/24.3%
2	2018/01	713(96%)	18.1	4.9/SE	50.2/E	75.5	24.5	.0	.0	9.1	45.4	11.6	33.8	WNW/20.1%
3	2018/02	644(96%)	18.0	4.6/SE	52.4/ESE	76.1	23.8	.2	.0	11.2	43.8	12.1	32.9	WNW/18.8%
4	2018/03	695(93%)	18.6	4.2/ESE	47.8/E	76.3	23.7	.0	.0	17.3	38.1	14.1	30.5	WNW/15.1%
5	2018/04	598(83%)	19.0	4.4/ENE	49.1/ESE	79.1	20.9	.0	.0	25.8	29.3	12.5	32.4	WNW/14.9%
6	2018/05													
7	2018/06													
8	2018/07	311(42%)	32.7	11.9/SSW	75.1/SE	36.7	50.2	13.2	.0	2.3	41.8	30.2	25.7	SE /19.3%
9	2018/08	741(100%)	38.2	15.5/SW	141.1/WNW	30.8	45.2	23.3	.7	1.3	35.6	28.6	34.4	SE /17.7%
10	2018/09	693(96%)	29.6	10.4/SSE	100.6/SW	52.7	31.5	15.9	.0	4.2	47.8	19.5	28.6	SE /18.9%
11	2018/10	688(93%)	26.3	17.8/ESE	76.0/ESE	55.1	33.7	11.2	.0	7.3	65.3	5.1	22.4	ESE/35.8%
12	2018/11	691(96%)	24.7	21.1/ESE	80.3/ESE	57.9	34.2	8.0	.0	6.5	76.7	2.3	14.5	ESE/49.1%
13	2018/冬	2078(96%)	18.3	4.7/SE	52.4/ESE	75.2	24.7	.0	.0	9.2	45.0	10.7	35.0	WNW/21.1%
14	2018/春	1293(59%)	18.8	4.0/E	49.1/ESE	77.6	22.4	.0	.0	21.2	34.0	13.4	31.4	WNW/15.0%
15	2018/夏	1052(48%)	36.6	14.0/SW	141.1/WNW	32.5	46.7	20.3	.5	1.6	37.5	29.1	31.8	SE /18.2%
16	2018/秋	2072(95%)	26.8	16.0/SE	100.6/SW	55.2	33.1	11.7	.0	6.0	63.2	9.0	21.8	ESE/33.9%
17	2018/年	6495(74%)	24.1	7.3/SE	141.1/WNW	62.4	30.5	7.0	.1	9.3	47.4	13.7	29.6	ESE/18.7%

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表4.2.1b 2018年嘉南海域 X 站潮流流速及流向重要統計量統計表

序 號	日期 (年/月)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	2017/12	744(100%)	12.5	7.3/SE	34.3/ESE	93.1	6.9	.0	.0	.8	63.8	15.2	20.2	SE /34.3%
2	2018/01	744(100%)	12.8	7.3/SE	32.6/ESE	92.6	7.4	.0	.0	1.3	62.6	16.7	19.4	SE /28.9%
3	2018/02	672(100%)	13.3	7.3/SE	31.9/ESE	91.8	8.2	.0	.0	3.0	60.6	17.9	18.6	SE /29.0%
4	2018/03	744(100%)	13.0	7.2/SE	33.5/ESE	92.6	7.4	.0	.0	5.4	57.9	20.4	16.3	SE /29.0%
5	2018/04	720(100%)	12.9	7.2/SE	34.9/ESE	92.2	7.8	.0	.0	5.1	58.1	19.9	16.9	SE /30.0%
6	2018/05	744(100%)	12.7	7.2/SE	34.9/ESE	93.4	6.6	.0	.0	2.3	61.2	17.7	18.8	SE /33.2%
7	2018/06	720(100%)	12.7	7.3/SE	33.7/ESE	93.3	6.7	.0	.0	.7	62.8	16.4	20.1	SE /35.0%
8	2018/07	744(100%)	12.8	7.3/SE	32.6/ESE	93.1	6.9	.0	.0	.7	62.4	17.2	19.8	SE /29.2%
9	2018/08	744(100%)	13.1	7.3/SE	31.3/ESE	92.2	7.8	.0	.0	3.4	59.7	18.8	18.1	SE /29.6%
10	2018/09	720(100%)	13.2	7.3/SE	32.1/ESE	92.1	7.9	.0	.0	4.6	58.6	19.6	17.2	SE /28.5%
11	2018/10	744(100%)	13.2	7.3/SE	34.5/ESE	92.1	7.9	.0	.0	4.6	59.1	18.8	17.5	SE /29.4%
12	2018/11	720(100%)	12.9	7.3/SE	34.7/ESE	92.5	7.5	.0	.0	2.9	60.4	17.9	18.8	SE /31.9%
13	2018/冬	2160(100%)	12.8	7.3/SE	34.3/ESE	92.5	7.5	.0	.0	1.7	62.4	16.5	19.4	SE /30.8%
14	2018/春	2208(100%)	12.9	7.2/SE	34.9/ESE	92.8	7.2	.0	.0	4.3	59.1	19.3	17.3	SE /30.8%
15	2018/夏	2208(100%)	12.9	7.3/SE	33.7/ESE	92.9	7.1	.0	.0	1.6	61.6	17.5	19.3	SE /31.2%
16	2018/秋	2184(100%)	13.1	7.3/SE	34.7/ESE	92.2	7.8	.0	.0	4.0	59.4	18.8	17.8	SE /29.9%
17	2018/年	8760(100%)	12.9	7.3/SE	34.9/ESE	92.6	7.4	.0	.0	2.9	60.6	18.0	18.5	SE /30.7%

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表4.2.1c 2018年嘉南海域 X 站殘流流速及流向重要統計量統計表

序 號	日期 (年/月)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	2017/12	721(97%)	18.4	3.0/NNW	48.2/ESE	76.8	23.2	.0	.0	12.5	36.2	4.2	47.2	WNW/19.8%
2	2018/01	713(96%)	16.3	2.6/NNW	44.1/WNW	87.2	12.8	.0	.0	12.6	34.8	6.6	46.0	WNW/22.9%
3	2018/02	644(96%)	16.1	2.9/NNW	38.2/WNW	86.2	13.8	.0	.0	14.9	33.2	5.1	46.7	WNW/22.4%
4	2018/03	695(93%)	17.6	3.9/NNW	37.9/E	81.4	18.6	.0	.0	17.3	29.8	6.5	46.5	NW /19.3%
5	2018/04	598(83%)	19.2	6.9/N	49.9/NW	76.4	23.6	.0	.0	24.9	24.6	4.0	46.5	NW /17.7%
6	2018/05													
7	2018/06													
8	2018/07	311(42%)	35.5	10.0/WSW	69.0/WSW	28.6	53.4	18.0	.0	2.3	38.6	21.9	37.3	W /18.0%
9	2018/08	741(100%)	39.7	17.2/WSW	129.7/WNW	27.4	46.8	25.1	.7	1.5	33.1	22.5	42.9	WNW/23.8%
10	2018/09	693(96%)	29.9	3.4/S	105.0/WSW	46.6	41.6	11.7	.1	6.6	41.3	13.3	38.8	WNW/17.3%
11	2018/10	688(93%)	25.6	11.5/ESE	78.8/ESE	57.3	36.0	6.7	.0	11.5	52.3	4.2	32.0	ESE/32.8%
12	2018/11	691(96%)	23.4	14.8/ESE	74.6/ESE	63.0	31.1	5.9	.0	16.4	56.2	2.2	25.3	ESE/34.9%
13	2018/冬	2078(96%)	16.9	2.8/NNW	48.2/ESE	83.3	16.7	.0	.0	13.3	34.8	5.3	46.6	WNW/21.7%
14	2018/春	1293(59%)	18.3	5.3/N	49.9/NW	79.1	20.9	.0	.0	20.8	27.4	5.3	46.5	NW /18.6%
15	2018/夏	1052(48%)	38.5	14.9/WSW	129.7/WNW	27.8	48.8	23.0	.5	1.7	34.7	22.3	41.3	WNW/21.9%
16	2018/秋	2072(95%)	26.3	9.3/ESE	105.0/WSW	55.6	36.2	8.1	.0	11.5	49.9	6.6	32.0	ESE/27.9%
17	2018/年	6495(74%)	23.7	.1/WNW	129.7/WNW	64.6	29.0	6.3	.1	12.3	38.1	8.5	41.1	WNW/17.1%

4-2-3

表 4.2.2a 2018年嘉南海域 A 站觀測流速及流向重要統計量統計表

序 號	日期 (年/月)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	2017/12	743(100%)	27.1	18.3/S	80.4/S	57.9	32.0	10.1	.0	26.9	31.5	40.5	1.1	S /34.9%
2	2018/01	740(100%)	27.9	20.5/S	79.1/SSW	56.8	31.2	12.0	.0	20.0	34.9	43.6	1.5	S /33.1%
3	2018/02	664(99%)	27.7	20.4/S	76.7/SSW	55.4	34.2	10.4	.0	21.5	38.1	39.6	.8	S /33.4%
4	2018/03	725(97%)	27.4	15.9/S	74.0/S	54.8	35.0	10.2	.0	27.4	30.1	39.2	3.3	S /28.6%
5	2018/04	698(97%)	25.0	12.7/SSE	75.1/S	62.0	31.4	6.6	.0	27.9	33.1	35.4	3.6	S /24.2%
6	2018/05	671(90%)	40.9	6.5/SSW	257.5/SW	45.2	39.5	5.7	9.7	34.4	29.4	27.3	8.9	S /14.0%
7	2018/06	678(94%)	26.3	1.4/W	84.1/NE	52.9	44.1	2.9	.0	27.0	16.7	32.9	23.5	N /11.8%
8	2018/07	725(97%)	35.7	13.7/NNE	122.1/NE	36.1	45.4	17.4	1.1	50.3	9.2	25.1	15.3	NE /25.0%
9	2018/08	744(100%)	37.5	13.3/NNE	112.4/NNE	34.7	41.7	23.3	.4	49.7	4.6	31.0	14.7	NNE/24.1%
10	2018/09	711(99%)	35.8	5.4/W	105.9/N	43.3	30.8	25.7	.1	30.5	4.8	42.6	22.1	SW /16.5%
11	2018/10	358(48%)	71.8	33.6/SW	275.3/ESE	26.0	22.1	27.9	24.0	8.7	21.2	50.3	19.8	SW /19.0%
12	2018/11	720(100%)	31.4	24.0/SSW	89.5/SSW	49.9	29.7	20.4	.0	20.1	14.3	62.4	3.2	SSW/36.4%
13	2018/冬	2147(99%)	27.6	19.7/S	80.4/S	56.7	32.4	10.9	.0	22.9	34.7	41.3	1.1	S /33.8%
14	2018/春	2094(95%)	30.9	11.5/S	257.5/SW	54.1	35.2	7.5	3.1	29.8	30.9	34.1	5.2	S /22.4%
15	2018/夏	2147(97%)	33.3	8.9/NNE	122.1/NE	40.9	43.7	14.9	.5	42.8	10.0	29.6	17.7	NE /17.2%
16	2018/秋	1789(82%)	41.2	17.2/SSW	275.3/ESE	42.5	28.6	24.0	4.9	22.0	11.9	52.1	14.0	SSW/22.0%
17	2018/年	8177(93%)	32.9	9.2/S	275.3/ESE	48.8	35.3	13.9	2.0	29.7	22.2	38.8	9.3	S /18.4%

4-2-4

表4.2.2b 2018年嘉南海域 A 站潮流流速及流向重要統計量統計表

序 號	日期 (年/月)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	2017/12	744(100%)	12.3	9.1/S	25.9/S	99.6	.4	.0	.0	21.5	27.6	48.8	2.2	SSW/30.9%
2	2018/01	744(100%)	12.3	9.1/S	25.7/SSW	100.0	.0	.0	.0	21.9	27.2	49.2	1.7	SSW/29.7%
3	2018/02	672(100%)	12.4	9.2/S	26.2/S	99.7	.3	.0	.0	20.4	29.6	48.7	1.3	SSW/28.3%
4	2018/03	744(100%)	12.5	9.1/S	26.8/S	98.8	1.2	.0	.0	21.2	28.9	47.0	2.8	SSW/24.7%
5	2018/04	720(100%)	12.6	9.1/S	27.1/S	98.5	1.5	.0	.0	20.6	29.6	47.9	1.9	SSW/25.8%
6	2018/05	744(100%)	12.6	9.2/S	26.8/S	99.2	.8	.0	.0	21.8	28.2	47.7	2.3	SSW/28.1%
7	2018/06	720(100%)	12.4	9.2/S	25.9/SSW	99.9	.1	.0	.0	22.1	27.4	48.9	1.7	SSW/30.7%
8	2018/07	744(100%)	12.4	9.2/S	25.6/S	100.0	.0	.0	.0	21.8	27.8	48.4	2.0	SSW/30.6%
9	2018/08	744(100%)	12.4	9.2/S	26.2/S	99.1	.9	.0	.0	21.1	28.2	48.7	2.0	SSW/28.8%
10	2018/09	720(100%)	12.5	9.2/S	26.9/S	98.8	1.3	.0	.0	19.7	30.1	48.1	2.1	SSW/26.1%
11	2018/10	744(100%)	12.5	9.2/S	27.0/S	99.1	.9	.0	.0	20.0	29.7	47.4	2.8	SSW/25.1%
12	2018/11	720(100%)	12.5	9.2/S	26.9/SSW	99.3	.7	.0	.0	21.4	28.3	48.5	1.8	SSW/28.9%
13	2018/冬	2160(100%)	12.3	9.2/S	26.2/S	99.8	.2	.0	.0	21.3	28.1	48.9	1.8	SSW/29.7%
14	2018/春	2208(100%)	12.6	9.1/S	27.1/S	98.8	1.2	.0	.0	21.2	28.9	47.6	2.4	SSW/26.2%
15	2018/夏	2208(100%)	12.4	9.2/S	26.2/S	99.6	.4	.0	.0	21.6	27.8	48.6	1.9	SSW/30.0%
16	2018/秋	2184(100%)	12.5	9.2/S	27.0/S	99.0	1.0	.0	.0	20.4	29.4	48.0	2.2	SSW/26.7%
17	2018/年	8760(100%)	12.5	9.2/S	27.1/S	99.3	.7	.0	.0	21.1	28.5	48.3	2.1	SSW/28.2%

4-2-5

表4.2.2c 2018年嘉南海域 A 站殘流流速及流向重要統計量統計表

序號	日期 (年/月)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	2017/12	743(100%)	20.0	9.4/SSE	65.9/SSW	72.9	25.2	1.9	.0	32.3	30.3	34.6	2.8	S /26.2%
2	2018/01	740(100%)	19.8	11.4/S	62.1/SSW	72.6	25.1	2.3	.0	26.2	32.8	38.4	2.6	S /22.6%
3	2018/02	664(99%)	19.3	11.4/SSE	63.7/SSW	75.3	23.0	1.7	.0	27.0	35.7	35.2	2.1	S /25.3%
4	2018/03	725(97%)	19.4	7.0/SSE	53.2/SSW	74.6	24.8	.6	.0	30.3	28.4	34.2	7.0	S /22.1%
5	2018/04	698(97%)	18.4	4.9/SE	60.5/NNE	78.4	21.1	.6	.0	36.2	29.1	24.4	10.3	S /15.8%
6	2018/05	671(90%)	37.1	4.1/NW	260.2/SW	59.0	25.6	5.8	9.5	44.9	21.8	18.3	15.1	ENE/12.4%
7	2018/06	678(94%)	23.3	9.1/N	75.3/NE	60.8	37.3	1.9	.0	33.2	11.5	19.9	35.4	N /13.4%
8	2018/07	725(97%)	34.4	22.1/NNE	118.3/NE	40.8	41.7	16.7	.8	57.5	3.7	14.8	24.0	NE /22.8%
9	2018/08	744(100%)	36.5	22.3/N	114.4/NNE	31.7	48.8	19.0	.5	52.3	2.0	19.0	26.7	NNE/25.4%
10	2018/09	711(99%)	33.3	10.0/NNW	121.9/N	41.9	40.5	17.3	.3	33.6	2.5	31.4	32.5	NE /15.2%
11	2018/10	358(48%)	67.7	26.6/SW	288.0/N	27.9	27.4	22.9	21.8	9.8	19.8	43.3	27.1	WSW/16.2%
12	2018/11	720(100%)	33.1	15.2/SSW	87.5/SSW	41.7	39.6	18.8	.0	31.0	7.9	52.9	8.2	SSW/35.8%
13	2018/冬	2147(99%)	19.7	10.7/SSE	65.9/SSW	73.5	24.5	2.0	.0	28.6	32.8	36.1	2.5	S /24.7%
14	2018/春	2094(95%)	24.8	2.6/SSE	260.2/SW	70.9	23.8	2.2	3.1	37.0	26.5	25.8	10.7	S /15.0%
15	2018/夏	2147(97%)	31.6	17.9/N	118.3/NE	44.0	42.8	12.8	.5	48.0	5.6	17.8	28.6	NNE/18.8%
16	2018/秋	1789(82%)	40.1	10.0/SW	288.0/N	39.0	37.5	19.0	4.5	27.8	8.2	42.4	21.6	SSW/17.2%
17	2018/年	8177(93%)	28.6	.0/NE	288.0/N	57.5	32.0	8.6	1.9	35.6	18.7	30.1	15.6	SSW/12.2%

4-2-6

表 4.2.3a 2018年嘉南海域 Y 站觀測流速及流向重要統計量統計表

序 號	日期 (年/月)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	2017/12	677(91%)	58.8	1.1/ESE	163.0/NNE	20.1	22.0	46.5	11.4	46.4	3.8	45.6	4.1	NNE/37.5%
2	2018/01	624(84%)	58.2	5.2/NNE	143.0/N	19.9	21.8	50.2	8.2	48.9	3.7	43.8	3.7	NNE/40.2%
3	2018/02	309(46%)	59.2	9.2/N	131.0/NNE	18.8	22.7	49.2	9.4	47.9	3.2	42.1	6.8	NNE/35.3%
4	2018/03	693(93%)	60.6	11.6/N	150.0/N	21.1	20.3	44.9	13.7	50.2	2.2	42.4	5.2	NNE/34.6%
5	2018/04	670(93%)	58.3	11.8/N	130.0/SSW	19.1	23.3	49.4	8.2	50.0	1.5	42.4	6.1	NNE/34.0%
6	2018/05	522(70%)	47.5	6.0/NNE	135.0/NNE	29.5	29.5	37.2	3.8	43.3	12.3	35.8	8.6	NNE/25.3%
7	2018/06	549(76%)	50.1	10.9/NNE	164.0/NNE	27.7	31.1	33.3	7.8	43.5	17.9	29.7	8.9	NNE/26.4%
8	2018/07	694(93%)	56.2	20.6/NNE	157.0/NNE	23.1	25.1	41.4	10.5	54.2	10.1	30.4	5.3	NNE/40.9%
9	2018/08	653(88%)	59.7	25.8/NNE	242.0/NNE	23.9	24.7	36.6	14.9	50.8	7.7	32.2	9.3	NNE/36.1%
10	2018/09	699(97%)	62.1	20.6/NNE	175.0/N	19.6	24.0	39.6	16.7	55.2	7.7	31.8	5.3	NNE/42.1%
11	2018/10	714(96%)	60.0	12.0/NNE	149.0/NNE	19.3	23.8	43.1	13.7	51.5	4.3	39.5	4.6	NNE/41.2%
12	2018/11	693(96%)	56.7	6.7/NNE	158.0/NNE	20.1	24.8	47.8	7.4	48.6	2.6	43.7	5.1	NNE/40.1%
13	2018/冬	1610(75%)	58.7	3.8/NNE	163.0/NNE	19.8	22.0	48.4	9.8	47.6	3.7	44.2	4.5	NNE/38.1%
14	2018/春	1885(85%)	56.2	10.1/N	150.0/N	22.7	23.9	44.4	9.0	48.2	4.7	40.6	6.5	NNE/31.8%
15	2018/夏	1896(86%)	55.6	19.5/NNE	242.0/NNE	24.7	26.7	37.4	11.2	49.9	11.5	30.8	7.8	NNE/35.1%
16	2018/秋	2106(96%)	59.6	13.1/NNE	175.0/N	19.7	24.2	43.5	12.6	51.8	4.9	38.3	5.0	NNE/41.1%
17	2018/年	7497(86%)	57.5	11.9/NNE	242.0/NNE	21.7	24.3	43.2	10.8	49.5	6.3	38.3	5.9	NNE/36.6%

4-2-7

表4.2.3b 2018年嘉南海域 Y 站潮流流速及流向重要統計量統計表

序號	日期 (年/月)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	2017/12	744(100%)	46.5	12.0/NNE	119.0/NNE	25.1	31.3	41.4	2.2	55.9	.3	43.7	.1	NNE/55.5%
2	2018/01	744(100%)	46.6	12.0/NNE	115.2/NNE	24.7	32.4	41.4	1.5	55.4	.9	43.7	.0	NNE/54.6%
3	2018/02	672(100%)	45.9	11.8/NNE	111.1/NNE	25.3	31.8	42.0	.9	54.8	.9	44.3	.0	NNE/54.3%
4	2018/03	744(100%)	46.9	12.1/NNE	104.7/NNE	24.5	31.5	44.0	.1	56.3	.1	43.5	.0	NNE/55.6%
5	2018/04	720(100%)	46.8	12.0/NNE	114.6/NNE	25.4	29.9	43.6	1.1	54.7	.8	44.2	.3	NNE/53.9%
6	2018/05	744(100%)	47.4	12.0/NNE	118.0/NNE	24.1	30.5	43.0	2.4	55.5	.3	44.1	.1	NNE/54.7%
7	2018/06	720(100%)	47.0	11.9/NNE	118.2/NNE	24.2	31.4	42.4	2.1	55.0	.8	44.0	.1	NNE/54.9%
8	2018/07	744(100%)	46.8	11.9/NNE	116.3/NNE	24.7	31.5	42.5	1.3	54.7	.5	44.8	.0	NNE/54.2%
9	2018/08	743(100%)	46.0	11.7/NNE	109.6/NNE	24.9	32.3	42.1	.7	55.7	.7	43.6	.0	NNE/55.7%
10	2018/09	720(100%)	46.0	11.9/NNE	103.3/NNE	25.1	32.1	42.6	.1	54.4	.7	44.4	.4	NNE/53.9%
11	2018/10	744(100%)	45.5	11.8/NNE	107.5/NNE	25.5	32.1	41.7	.7	55.8	.4	43.8	.0	NNE/55.2%
12	2018/11	720(100%)	46.1	11.9/NNE	113.3/NNE	26.1	30.8	41.3	1.8	55.0	1.0	44.0	.0	NNE/53.8%
13	2018/冬	2160(100%)	46.3	12.0/NNE	119.0/NNE	25.0	31.9	41.6	1.5	55.4	.7	43.9	.0	NNE/54.8%
14	2018/春	2208(100%)	47.0	12.0/NNE	118.0/NNE	24.6	30.6	43.5	1.2	55.5	.4	43.9	.1	NNE/54.8%
15	2018/夏	2207(100%)	46.6	11.8/NNE	118.2/NNE	24.6	31.7	42.3	1.4	55.1	.7	44.1	.0	NNE/54.9%
16	2018/秋	2184(100%)	45.9	11.9/NNE	113.3/NNE	25.6	31.7	41.8	.9	55.1	.7	44.1	.1	NNE/54.3%
17	2018/年	8759(100%)	46.5	11.9/NNE	119.0/NNE	25.0	31.5	42.3	1.2	55.3	.6	44.0	.1	NNE/54.7%

4-2-8

表4.2.3c 2018年嘉南海域 Y 站殘流流速及流向重要統計量統計表

序號	日期 (年/月)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	2017/12	677(91%)	29.0	10.7/SSW	106.5/SSW	49.2	38.4	12.3	.1	30.6	10.8	52.7	5.9	SSW/35.0%
2	2018/01	624(84%)	33.3	6.2/SSW	91.8/NNE	42.6	34.9	22.4	.0	36.5	10.4	47.9	5.1	SSW/35.9%
3	2018/02	309(46%)	28.9	1.6/WNW	92.3/SSW	51.8	34.3	13.9	.0	37.2	5.8	42.4	14.6	SSW/28.2%
4	2018/03	693(93%)	36.9	2.8/NNW	122.2/NNE	40.1	32.3	26.8	.7	40.4	6.5	44.7	8.4	SSW/33.2%
5	2018/04	670(93%)	30.1	2.4/NNW	97.9/N	49.9	35.1	15.1	.0	39.1	5.7	44.5	10.7	SSW/32.1%
6	2018/05	522(70%)	34.2	1.3/NNE	119.2/N	45.0	33.5	20.5	1.0	35.2	12.8	37.2	14.8	SSW/24.1%
7	2018/06	549(76%)	38.9	6.2/NNE	137.7/N	31.9	44.3	21.9	2.0	43.5	14.0	36.4	6.0	SSW/21.1%
8	2018/07	694(93%)	42.2	9.9/NNE	116.6/NNE	31.7	33.9	33.1	1.3	50.9	11.0	32.9	5.3	NNE/31.0%
9	2018/08	653(88%)	48.5	16.0/N	204.4/N	34.0	26.5	29.7	9.8	50.1	9.0	33.8	7.0	NNE/30.0%
10	2018/09	699(97%)	45.1	8.9/NNE	133.9/N	28.9	32.5	36.9	1.7	48.9	9.2	36.9	5.0	NNE/33.9%
11	2018/10	714(96%)	32.7	1.4/ENE	108.4/NNE	43.1	39.2	17.4	.3	39.5	9.9	43.1	7.4	NNE/25.1%
12	2018/11	693(96%)	27.5	4.5/S	100.3/NNE	53.0	36.9	10.1	.0	32.6	12.0	49.1	6.3	SSW/28.9%
13	2018/冬	1610(75%)	30.6	6.9/SSW	106.5/SSW	47.1	36.3	16.5	.1	34.2	9.7	48.9	7.3	SSW/34.0%
14	2018/春	1885(85%)	33.7	2.1/NNW	122.2/NNE	44.9	33.6	20.9	.5	38.5	8.0	42.5	11.0	SSW/30.3%
15	2018/夏	1896(86%)	43.4	10.8/NNE	204.4/N	32.5	34.3	28.7	4.4	48.5	11.2	34.2	6.1	NNE/27.1%
16	2018/秋	2106(96%)	35.1	2.2/NE	133.9/N	41.6	36.2	21.5	.7	40.4	10.4	43.0	6.3	SSW/26.3%
17	2018/年	7497(86%)	35.9	2.2/NNE	204.4/N	41.3	35.1	22.1	1.5	40.6	9.8	41.9	7.6	SSW/27.8%

4-2-9

表4.2.4a 2018年嘉南海域Z站觀測流速及流向重要統計量統計表

序 號	日期 (年/月)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	2017/12	555(75%)	47.3	1.9/ENE	129.0/SSW	24.7	35.0	37.3	3.1	55.3	2.9	39.8	2.0	NNE/45.6%
2	2018/01	519(70%)	42.3	3.0/NE	113.0/SSW	30.4	32.9	35.6	1.0	56.5	2.9	38.7	1.9	NNE/48.9%
3	2018/02	498(74%)	43.7	2.6/NNE	115.0/SSW	27.7	36.1	34.3	1.8	54.8	3.2	39.4	2.6	NNE/47.6%
4	2018/03	95(13%)	57.6	3.2/NNW	113.0/SSW	21.1	22.1	49.5	7.4	55.8	1.1	40.0	3.2	NNE/52.6%
5	2018/04													
6	2018/05													
7	2018/06	623(87%)	39.2	7.7/NNE	99.0/NNE	30.0	38.7	31.3	.0	54.6	3.2	41.6	.6	NNE/45.7%
8	2018/07	668(90%)	40.7	7.3/NNE	110.0/NNE	29.5	39.1	30.8	.6	52.4	3.9	42.4	1.3	NNE/47.0%
9	2018/08	662(89%)	43.5	3.8/NNE	112.0/NNE	28.5	34.3	36.6	.6	50.2	4.1	45.0	.8	NNE/45.8%
10	2018/09	617(86%)	46.5	7.0/NNE	104.0/NNE	25.8	31.9	41.8	.5	53.2	2.9	42.6	1.3	NNE/47.8%
11	2018/10	560(75%)	49.2	9.6/NNE	111.0/SSW	23.2	29.8	45.7	1.3	58.4	2.0	38.0	1.6	NNE/52.1%
12	2018/11	533(74%)	51.2	5.0/NNE	110.0/SSW	20.3	30.4	47.5	1.9	57.6	1.1	39.6	1.7	NNE/51.8%
13	2018/冬	1572(73%)	44.5	2.3/NE	129.0/SSW	27.5	34.7	35.8	2.0	55.5	3.0	39.3	2.2	NNE/47.3%
14	2018/春	95(4%)	57.6	3.2/NNW	113.0/SSW	21.1	22.1	49.5	7.4	55.8	1.1	40.0	3.2	NNE/52.6%
15	2018/夏	1953(89%)	41.2	6.2/NNE	112.0/NNE	29.3	37.3	32.9	.4	52.3	3.7	43.0	.9	NNE/46.2%
16	2018/秋	1710(78%)	48.9	7.2/NNE	111.0/SSW	23.2	30.8	44.9	1.2	56.3	2.0	40.2	1.5	NNE/50.5%
17	2018/年	5330(61%)	44.9	5.3/NNE	129.0/SSW	26.7	34.2	37.9	1.2	54.6	2.9	41.0	1.5	NNE/48.0%

4-2-10

表4.2.4b 2018年嘉南海域Z站潮流流速及流向重要統計量統計表

序號	日期 (年/月)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	2017/12	744(100%)	8.1	5.3/NNE	23.7/NNE	100.0	.0	.0	.0	70.4	12.9	16.4	.3	NNE/60.5%
2	2018/01	744(100%)	8.4	5.3/NNE	24.4/NNE	100.0	.0	.0	.0	72.8	8.3	18.8	.0	NNE/63.3%
3	2018/02	672(100%)	8.3	5.3/NNE	25.9/NNE	99.9	.1	.0	.0	72.8	8.6	18.6	.0	NNE/63.2%
4	2018/03	744(100%)	8.3	5.3/NNE	27.7/NNE	99.2	.8	.0	.0	69.8	9.4	20.8	.0	NNE/59.9%
5	2018/04	720(100%)	7.8	5.3/NNE	27.7/NNE	99.3	.7	.0	.0	68.6	8.9	21.5	1.0	NNE/56.8%
6	2018/05	744(100%)	7.5	5.3/NNE	25.9/NNE	99.9	.1	.0	.0	68.7	12.1	17.7	1.5	NNE/56.5%
7	2018/06	720(100%)	7.7	5.3/NNE	23.0/NNE	100.0	.0	.0	.0	72.2	13.5	14.0	.3	NNE/61.5%
8	2018/07	744(100%)	8.2	5.3/NNE	23.8/NNE	100.0	.0	.0	.0	72.8	10.1	17.1	.0	NNE/63.4%
9	2018/08	744(100%)	8.5	5.3/NNE	25.9/NNE	99.7	.3	.0	.0	71.6	9.0	19.2	.1	NNE/62.8%
10	2018/09	720(100%)	8.3	5.3/NNE	27.2/NNE	99.0	1.0	.0	.0	71.5	7.6	20.4	.4	NNE/59.9%
11	2018/10	744(100%)	8.0	5.3/NNE	26.5/NNE	99.6	.4	.0	.0	70.2	9.1	19.9	.8	NNE/56.7%
12	2018/11	720(100%)	7.7	5.3/NNE	24.4/NNE	100.0	.0	.0	.0	70.1	11.5	17.8	.6	NNE/58.6%
13	2018/冬	2160(100%)	8.3	5.3/NNE	25.9/NNE	100.0	.0	.0	.0	72.0	10.0	17.9	.1	NNE/62.3%
14	2018/春	2208(100%)	7.9	5.3/NNE	27.7/NNE	99.5	.5	.0	.0	69.0	10.1	20.0	.8	NNE/57.7%
15	2018/夏	2208(100%)	8.1	5.3/NNE	25.9/NNE	99.9	.1	.0	.0	72.2	10.8	16.8	.1	NNE/62.6%
16	2018/秋	2184(100%)	8.0	5.3/NNE	27.2/NNE	99.5	.5	.0	.0	70.6	9.4	19.4	.6	NNE/58.4%
17	2018/年	8760(100%)	8.1	5.3/NNE	27.7/NNE	99.7	.3	.0	.0	71.0	10.1	18.5	.4	NNE/60.3%

4-2-11

表4.2.4c 2018年嘉南海域Z站殘流流速及流向重要統計量統計表

序號	日期 (年/月)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	2017/12	555(75%)	48.5	3.3/S	139.7/SSW	26.7	30.8	36.9	5.6	53.2	3.6	41.8	1.4	NNE/43.6%
2	2018/01	519(70%)	44.0	1.6/S	126.9/SSW	30.8	29.7	36.6	2.9	53.0	2.9	42.4	1.7	NNE/44.7%
3	2018/02	498(74%)	45.9	2.0/SSW	131.2/SSW	28.9	32.3	34.3	4.4	52.2	2.6	43.6	1.6	NNE/45.0%
4	2018/03	95(13%)	60.4	3.0/WSW	131.0/SSW	22.1	17.9	47.4	12.6	53.7	.0	45.3	1.1	NNE/46.3%
5	2018/04													
6	2018/05													
7	2018/06	623(87%)	43.3	2.9/NNE	99.6/NNE	25.4	35.8	38.8	.0	50.6	3.0	44.8	1.6	NNE/43.0%
8	2018/07	668(90%)	45.3	2.1/NNE	110.1/NNE	25.3	32.9	41.0	.7	49.1	3.1	46.1	1.6	NNE/44.2%
9	2018/08	662(89%)	48.4	1.7/SW	113.8/NNE	24.5	29.5	44.4	1.7	47.4	3.3	48.0	1.2	SSW/43.8%
10	2018/09	617(86%)	50.2	2.2/N	119.1/SSW	24.8	26.9	44.7	3.6	50.6	2.4	44.9	2.1	NNE/45.1%
11	2018/10	560(75%)	51.1	5.5/NNE	123.2/SSW	22.1	29.3	44.5	4.1	55.4	2.1	40.2	2.3	NNE/50.7%
12	2018/11	533(74%)	52.8	1.3/NNE	121.9/SSW	21.4	28.1	44.7	5.8	55.7	1.3	41.7	1.3	NNE/50.3%
13	2018/冬	1572(73%)	46.2	2.3/S	139.7/SSW	28.8	30.9	36.0	4.3	52.8	3.1	42.6	1.6	NNE/44.4%
14	2018/春	95(4%)	60.4	3.0/WSW	131.0/SSW	22.1	17.9	47.4	12.6	53.7	.0	45.3	1.1	NNE/46.3%
15	2018/夏	1953(89%)	45.7	1.1/N	113.8/NNE	25.0	32.7	41.5	.8	49.0	3.2	46.3	1.5	NNE/43.4%
16	2018/秋	1710(78%)	51.3	3.0/NNE	123.2/SSW	22.9	28.1	44.6	4.4	53.7	2.0	42.3	1.9	NNE/48.5%
17	2018/年	5330(61%)	47.9	.6/NNE	139.7/SSW	25.4	30.4	41.0	3.2	51.7	2.7	43.9	1.7	NNE/45.4%

4-2-12

表 4.2.5a 2018年嘉南海域 U 站觀測流速及流向重要統計量統計表

序號	日期 (年/月)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	2017/12													
2	2018/01													
3	2018/02													
4	2018/03													
5	2018/04													
6	2018/05	203(27%)	27.7	19.7/NW	92.0/NW	61.1	16.3	22.7	.0	10.8	21.7	13.3	54.2	NW /24.6%
7	2018/06	702(98%)	29.2	20.2/NW	124.0/NNW	59.7	16.4	22.6	1.3	14.7	23.5	10.3	51.6	NW /23.8%
8	2018/07	740(100%)	24.5	18.5/NW	110.0/NW	63.8	18.6	17.4	.1	16.4	16.8	14.3	52.6	NW /21.6%
9	2018/08	675(91%)	31.3	18.2/NW	123.0/NW	56.0	17.9	24.6	1.5	19.6	21.3	13.2	45.9	NW /19.4%
10	2018/09													
11	2018/10	540(73%)	32.4	13.6/NW	130.0/NNW	50.2	30.2	17.6	2.0	13.0	15.2	25.9	45.9	NNW/18.7%
12	2018/11	715(99%)	25.1	12.2/NNW	126.0/NNW	62.7	26.3	10.5	.6	18.3	14.8	17.9	49.0	NNW/15.4%
13	2018/冬													
14	2018/春	203(9%)	27.7	19.7/NW	92.0/NW	61.1	16.3	22.7	.0	10.8	21.7	13.3	54.2	NW /24.6%
15	2018/夏	2117(96%)	28.2	19.0/NW	124.0/NNW	59.9	17.7	21.4	.9	16.8	20.5	12.6	50.1	NW /21.6%
16	2018/秋	1255(58%)	28.3	12.7/NW	130.0/NNW	57.3	28.0	13.5	1.2	16.0	15.0	21.4	47.6	NNW/16.8%
17	2018/年	3575(41%)	28.2	16.8/NW	130.0/NNW	59.1	21.2	18.7	1.0	16.2	18.6	15.7	49.5	NW /19.2%

4-2-13

表4.2.5b 2018年嘉南海域 U 站潮流流速及流向重要統計量統計表

序 號	日期 (年/月)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	2017/12	744(100%)	17.5	16.8/NW	42.8/NW	80.8	19.2	.0	.0	6.5	3.0	.1	90.5	NW /59.5%
2	2018/01	744(100%)	17.7	16.9/NW	44.9/NW	79.4	20.6	.0	.0	5.6	3.6	.3	90.5	NW /57.8%
3	2018/02	672(100%)	17.5	16.8/NW	45.1/NW	78.9	21.1	.0	.0	6.5	2.5	.0	90.9	NW /61.6%
4	2018/03	744(100%)	17.7	16.9/NW	43.2/NW	76.9	23.1	.0	.0	9.3	2.2	.0	88.6	NW /63.4%
5	2018/04	720(100%)	17.5	16.8/NW	39.3/NW	77.4	22.6	.0	.0	10.7	.7	.0	88.6	NW /64.9%
6	2018/05	744(100%)	17.5	16.8/NW	41.3/NW	80.4	19.6	.0	.0	9.4	2.2	.0	88.4	NW /62.5%
7	2018/06	720(100%)	17.5	16.8/NW	42.3/NW	81.3	18.8	.0	.0	6.4	3.5	.4	89.7	NW /61.0%
8	2018/07	744(100%)	17.5	16.8/NW	43.7/NW	82.4	17.6	.0	.0	6.5	2.8	.4	90.3	NW /59.9%
9	2018/08	744(100%)	17.5	16.8/NW	43.4/NW	81.3	18.7	.0	.0	5.2	2.3	.1	92.3	NW /59.5%
10	2018/09	720(100%)	17.5	16.8/NW	41.6/NW	79.4	20.6	.0	.0	7.9	1.8	.1	90.1	NW /63.1%
11	2018/10	744(100%)	17.5	16.8/NW	38.7/NW	78.8	21.2	.0	.0	9.8	1.1	.0	89.1	NW /65.1%
12	2018/11	720(100%)	17.5	16.8/NW	41.5/NW	80.8	19.2	.0	.0	9.0	2.1	.0	88.9	NW /64.6%
13	2018/冬	2160(100%)	17.6	16.8/NW	45.1/NW	79.7	20.3	.0	.0	6.2	3.1	.1	90.6	NW /59.6%
14	2018/春	2208(100%)	17.6	16.8/NW	43.2/NW	78.2	21.8	.0	.0	9.8	1.7	.0	88.5	NW /63.6%
15	2018/夏	2208(100%)	17.5	16.8/NW	43.7/NW	81.7	18.3	.0	.0	6.0	2.9	.3	90.8	NW /60.1%
16	2018/秋	2184(100%)	17.5	16.8/NW	41.6/NW	79.7	20.3	.0	.0	8.9	1.6	.0	89.4	NW /64.2%
17	2018/年	8760(100%)	17.5	16.8/NW	45.1/NW	79.8	20.2	.0	.0	7.7	2.3	.1	89.8	NW /61.9%

4-2-14

表4.2.5c 2018年嘉南海域 U 站殘流流速及流向重要統計量統計表

序號	日期 (年/月)	觀測 點數	流速 平均值 (cm/s)	平均流 流速/流向 (cm/s)/(來向)	最大流 流速/流向 (cm/s)/(來向)	1/2節流 <25.7 (%)	1節流 ~51.4 (%)	2節流 ~103 (%)	大流 >103 (%)	流向 N~E (%)	流向 E~S (%)	流向 S~W (%)	流向 W~N (%)	主要流向 方向/百分比
1	2017/12													
2	2018/01													
3	2018/02													
4	2018/03													
5	2018/04													
6	2018/05	203(27%)	21.7	2.7/NNW	56.7/NW	70.4	25.6	3.9	.0	10.8	41.4	15.3	32.5	SE /16.3%
7	2018/06	702(98%)	26.9	3.5/NNW	108.6/NNW	57.1	34.2	8.5	.1	10.4	49.4	6.7	33.5	SE /22.4%
8	2018/07	740(100%)	23.5	1.7/NW	92.9/NW	65.1	27.6	7.3	.0	8.1	49.3	12.2	30.4	SE /24.3%
9	2018/08	675(91%)	30.3	1.4/NW	121.9/SSE	53.5	31.9	14.1	.6	8.7	51.7	7.7	31.9	SE /20.6%
10	2018/09													
11	2018/10	540(73%)	31.6	3.9/S	112.4/SSE	44.8	39.3	15.7	.2	13.3	38.1	23.5	25.0	S /16.1%
12	2018/11	715(99%)	23.6	4.8/SE	90.4/NNW	64.8	29.4	5.9	.0	16.1	43.6	20.7	19.6	SE /12.2%
13	2018/冬													
14	2018/春	203(9%)	21.7	2.7/NNW	56.7/NW	70.4	25.6	3.9	.0	10.8	41.4	15.3	32.5	SE /16.3%
15	2018/夏	2117(96%)	26.8	2.2/NW	121.9/SSE	58.8	31.1	9.9	.2	9.1	50.1	8.9	31.9	SE /22.5%
16	2018/秋	1255(58%)	27.0	4.1/SE	112.4/SSE	56.2	33.6	10.1	.1	14.9	41.3	21.9	21.9	S /13.1%
17	2018/年	3575(41%)	26.6	.0/E	121.9/SSE	58.5	31.7	9.6	.2	11.2	46.5	13.8	28.4	SE /18.3%

4-2-15

4.3 2018 年嘉南海域各測站觀測海流與 計算潮流(殘流)歷線比較圖

Current Speed in Chia-Nan Seas of CNX0 at 2018

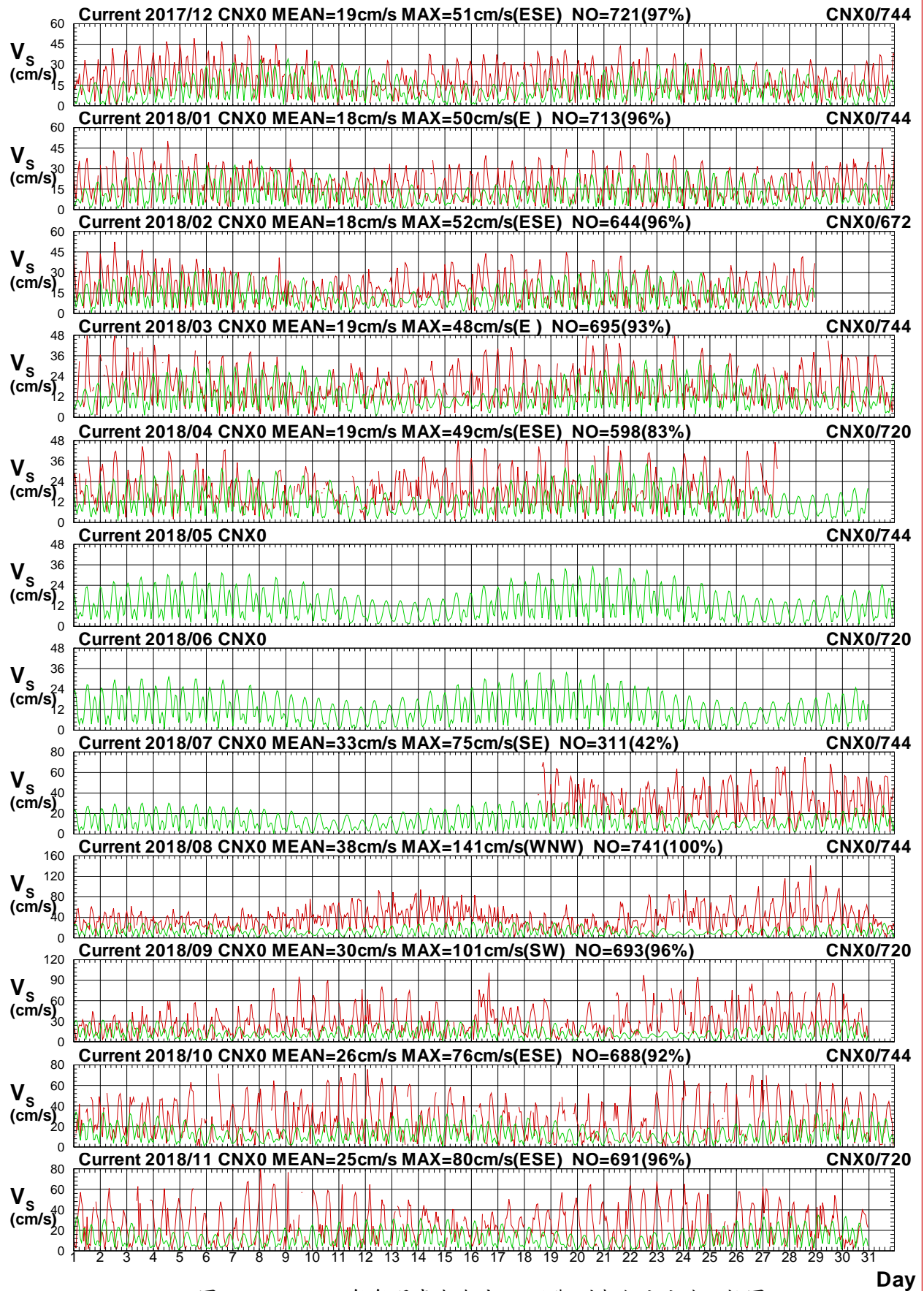


圖4.3.1a 2018年每月嘉南海域 X 站觀測與潮流流速比較圖

C17CCNX0.1H0 C17CCNX0.1HD C181CNX0.1H0 C181CNX0.1HD C182CNX0.1H0 C182CNX0.1HD
 C183CNX0.1H0 C183CNX0.1HD C184CNX0.1H0 C184CNX0.1HD C185CNX0.1H0 C185CNX0.1HD

Institute of Harbor & Marine Technology

Current Direction in Chia-Nan Seas of CNX0 at 2018

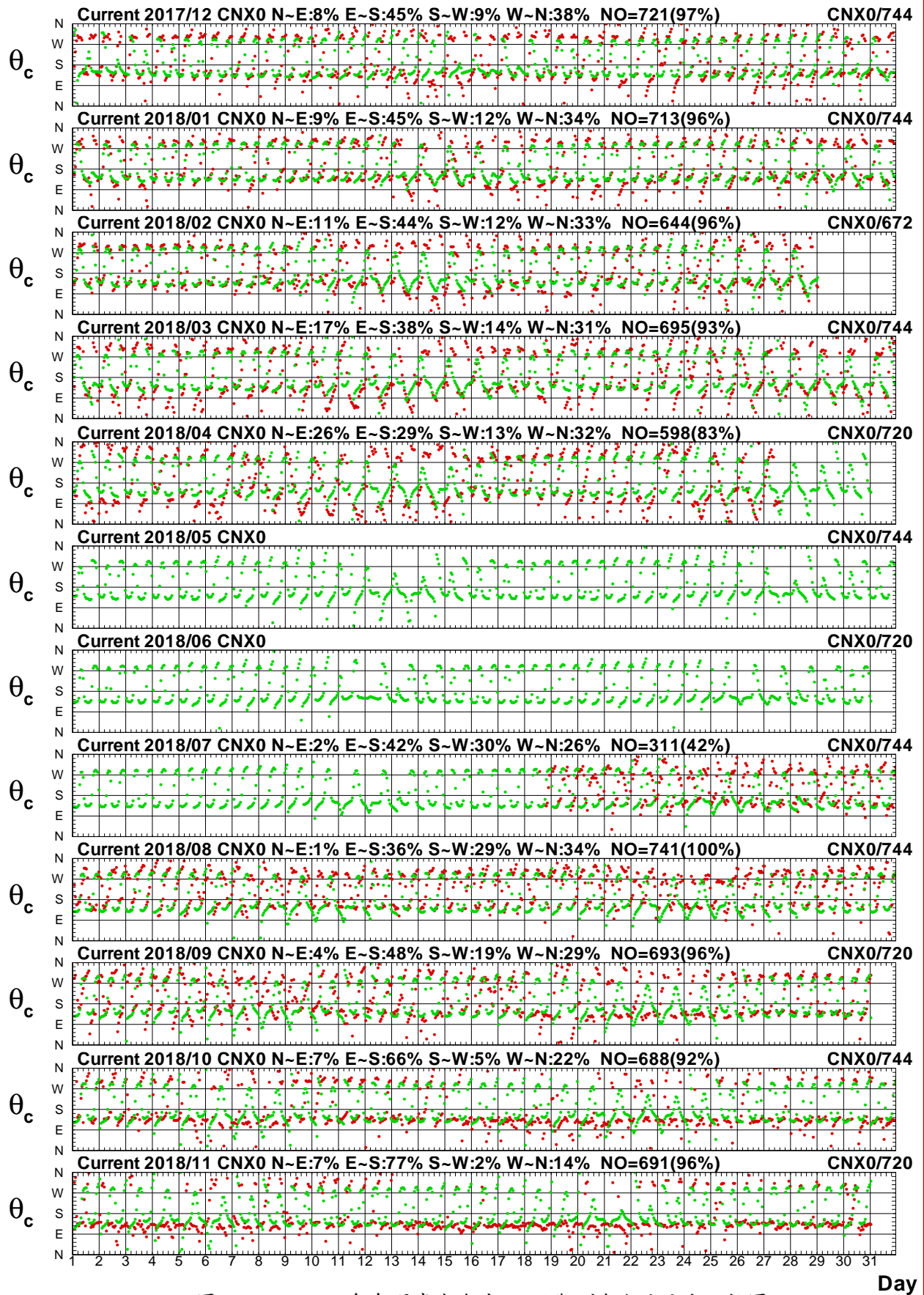


圖4.3.1b 2018年每月嘉南海域 X 站觀測與潮流流向比較圖

C17CCNX0.1H0 C17CCNX0.1HD C181CNX0.1H0 C181CNX0.1HD C182CNX0.1H0 C182CNX0.1HD
 C183CNX0.1H0 C183CNX0.1HD C184CNX0.1H0 C184CNX0.1HD C185CNX0.1H0 C185CNX0.1HD

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Current Speed in Chia-Nan Seas of CNX0 at 2018

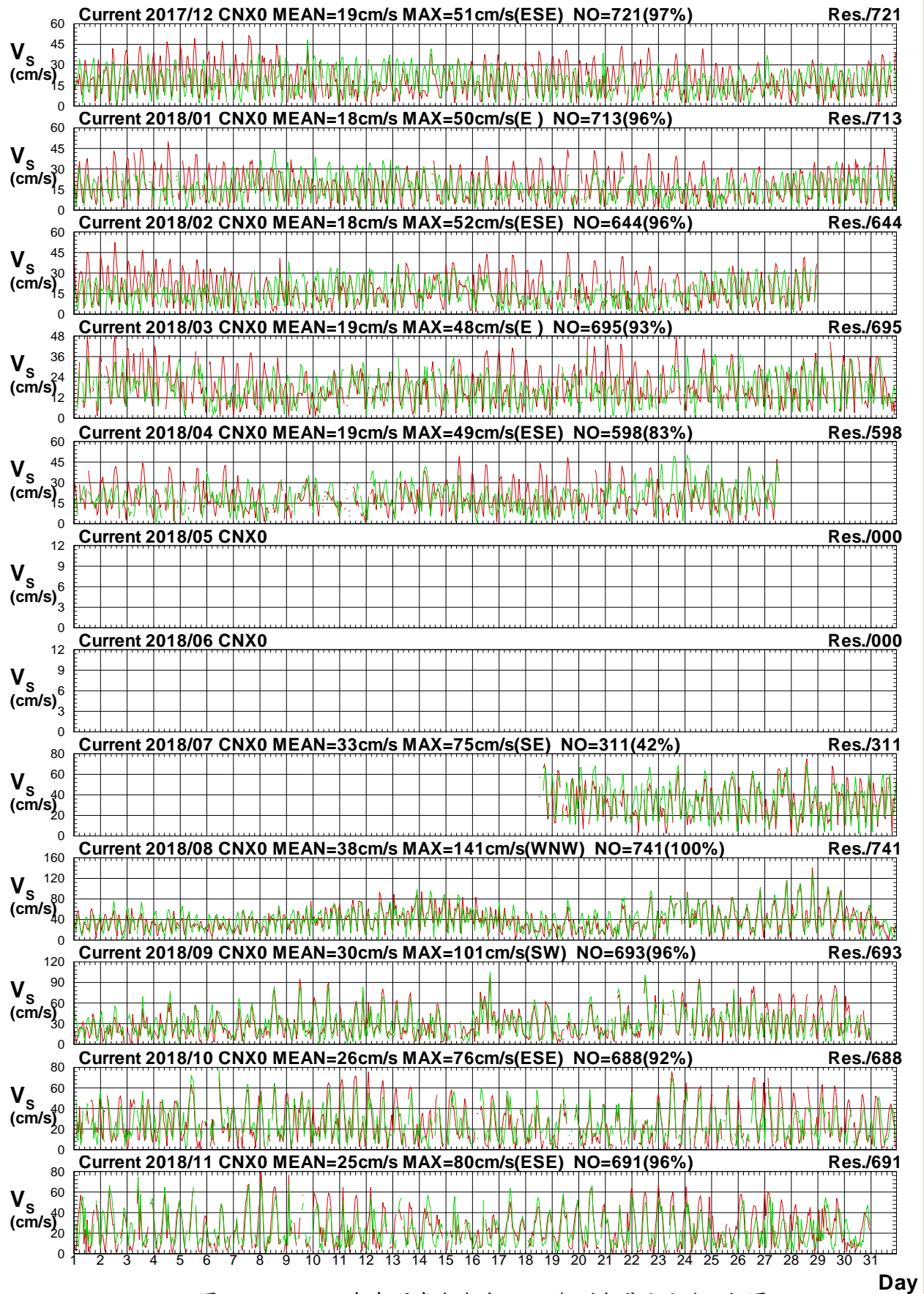


圖4.3.2a 2018年每月嘉南海域 X 站觀測與殘流流速比較圖

C17CCNX0.1H0 C17CCNX0.1HR C181CNX0.1H0 C181CNX0.1HR C182CNX0.1H0 C182CNX0.1HR
 C183CNX0.1H0 C183CNX0.1HR C184CNX0.1H0 C184CNX0.1HR C185CNX0.1H0 C185CNX0.1HR

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Current Direction in Chia-Nan Seas of CNX0 at 2018

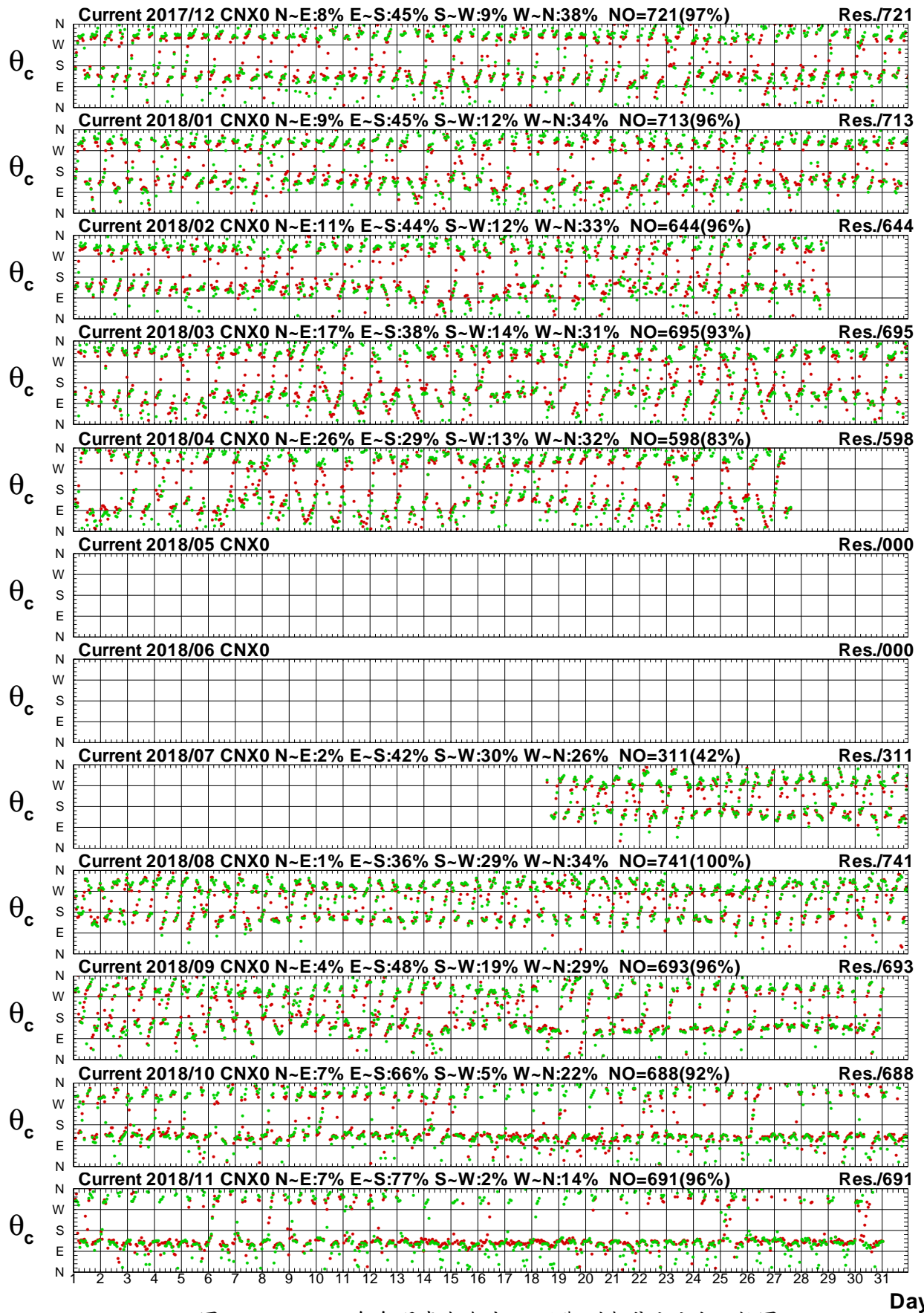


圖4.3.2b 2018年每月嘉南海域 X 站觀測與殘流流向比較圖

C17CCNX0.1H0 C17CCNX0.1HR C181CNX0.1H0 C181CNX0.1HR C182CNX0.1H0 C182CNX0.1HR
 C183CNX0.1H0 C183CNX0.1HR C184CNX0.1H0 C184CNX0.1HR C185CNX0.1H0 C185CNX0.1HR

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Current Speed in Chia-Nan Seas of CNA0 at 2018

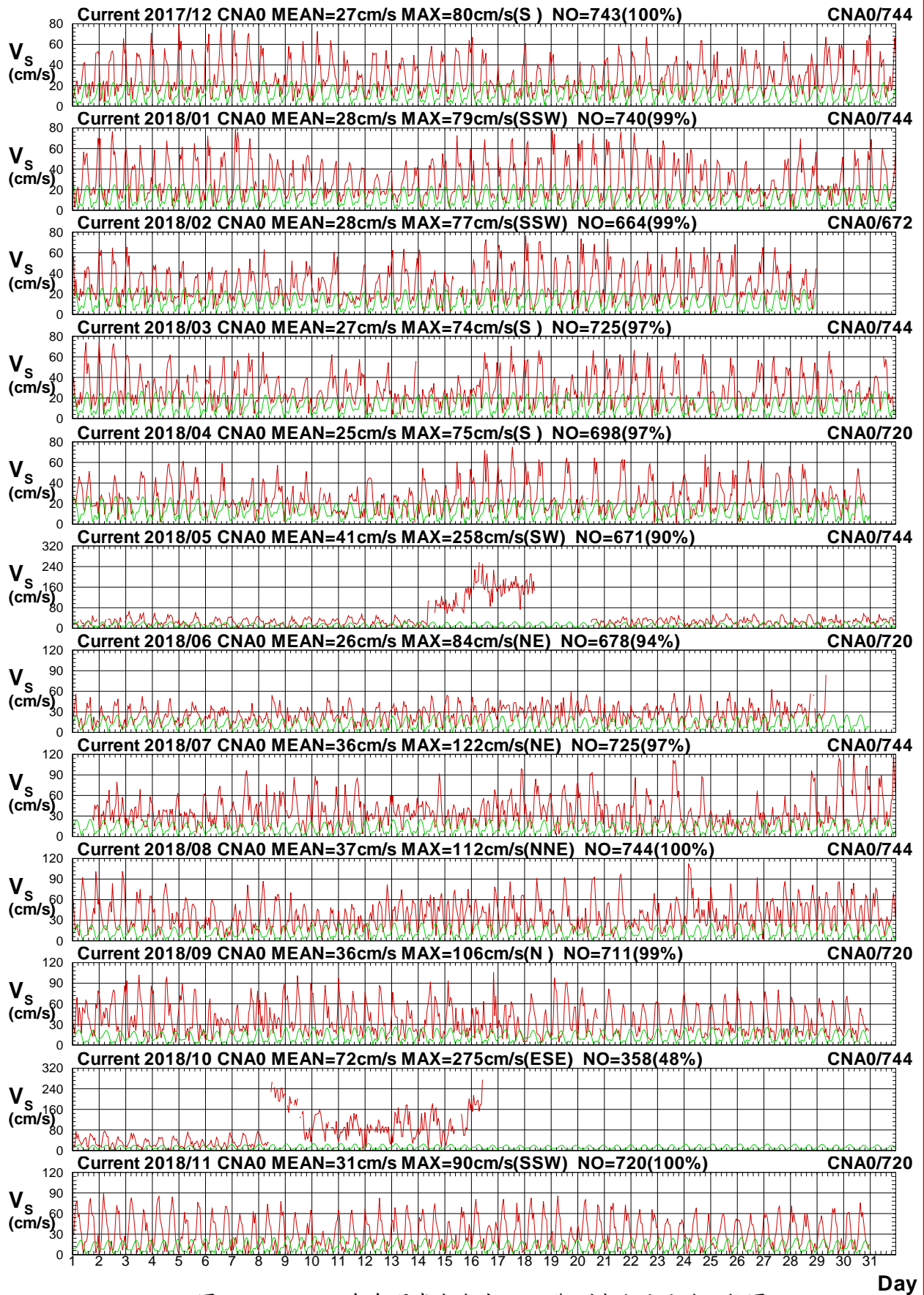


圖4.3.3a 2018年每月嘉南海域 A 站觀測與潮流流速比較圖

C17CCNA0.1H0 C17CCNA0.1HD C181CNA0.1H0 C181CNA0.1HD C182CNA0.1H0 C182CNA0.1HD
 C183CNA0.1H0 C183CNA0.1HD C184CNA0.1H0 C184CNA0.1HD C185CNA0.1H0 C185CNA0.1HD

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Current Direction in Chia-Nan Seas of CNA0 at 2018

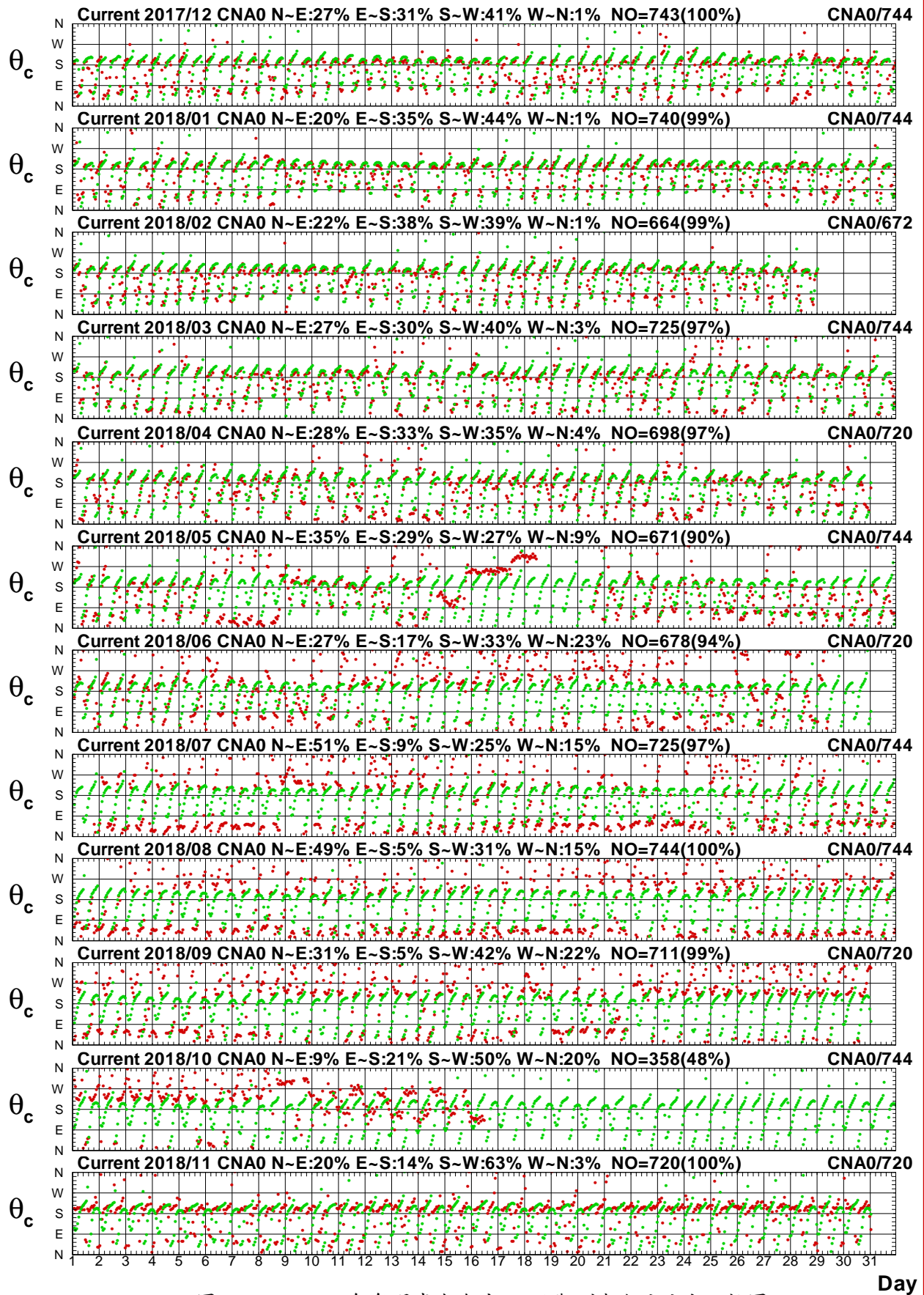


圖4.3.3b 2018年每月嘉南海域 A 站觀測與潮流流向比較圖

C17CCNA0.1H0 C17CCNA0.1HD C181CNA0.1H0 C181CNA0.1HD C182CNA0.1H0 C182CNA0.1HD
 C183CNA0.1H0 C183CNA0.1HD C184CNA0.1H0 C184CNA0.1HD C185CNA0.1H0 C185CNA0.1HD

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Current Speed in Chia-Nan Seas of CNA0 at 2018

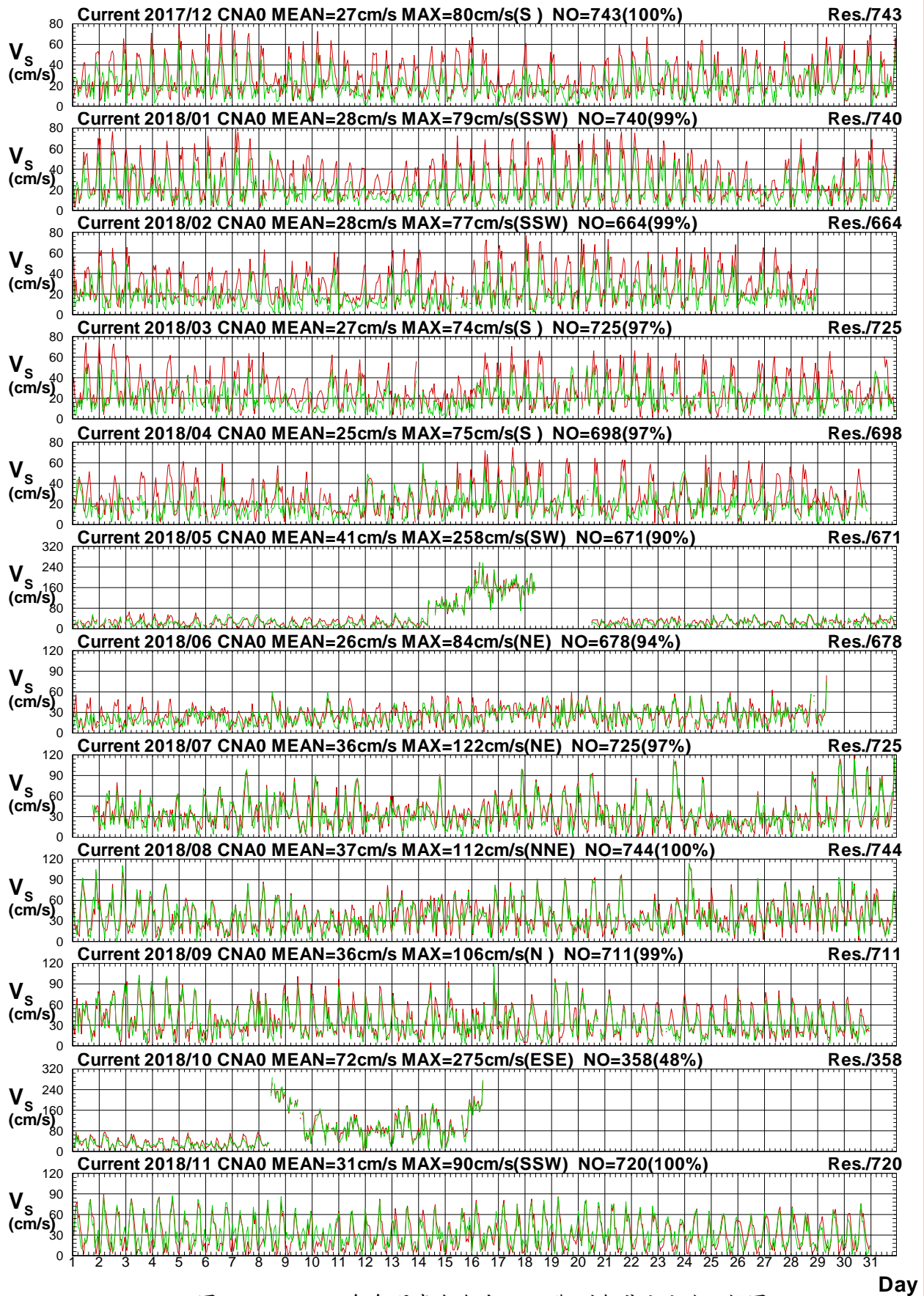


圖4.3.4a 2018年每月嘉南海域 A 站觀測與殘流流速比較圖

C17CCNA0.1H0 C17CCNA0.1HR C181CNA0.1H0 C181CNA0.1HR C182CNA0.1H0 C182CNA0.1HR
 C183CNA0.1H0 C183CNA0.1HR C184CNA0.1H0 C184CNA0.1HR C185CNA0.1H0 C185CNA0.1HR

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Current Direction in Chia-Nan Seas of CNA0 at 2018

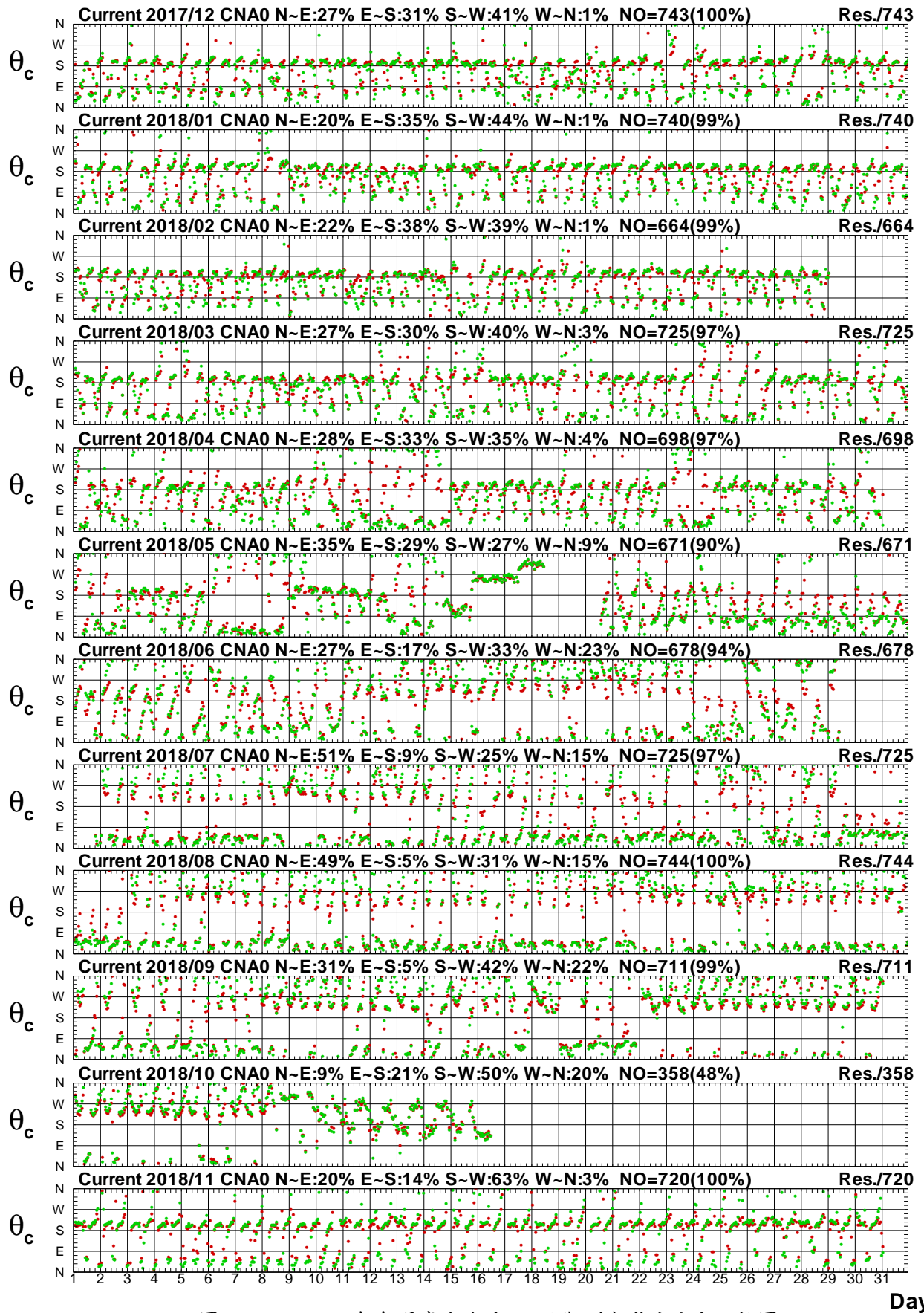


圖4.3.4b 2018年每月嘉南海域 A 站觀測與殘流流向比較圖

C17CCNA0.1H0 C17CCNA0.1HR C181CNA0.1H0 C181CNA0.1HR C182CNA0.1H0 C182CNA0.1HR
 C183CNA0.1H0 C183CNA0.1HR C184CNA0.1H0 C184CNA0.1HR C185CNA0.1H0 C185CNA0.1HR

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Current Speed in Chia-Nan Seas of CNY0 at 2018

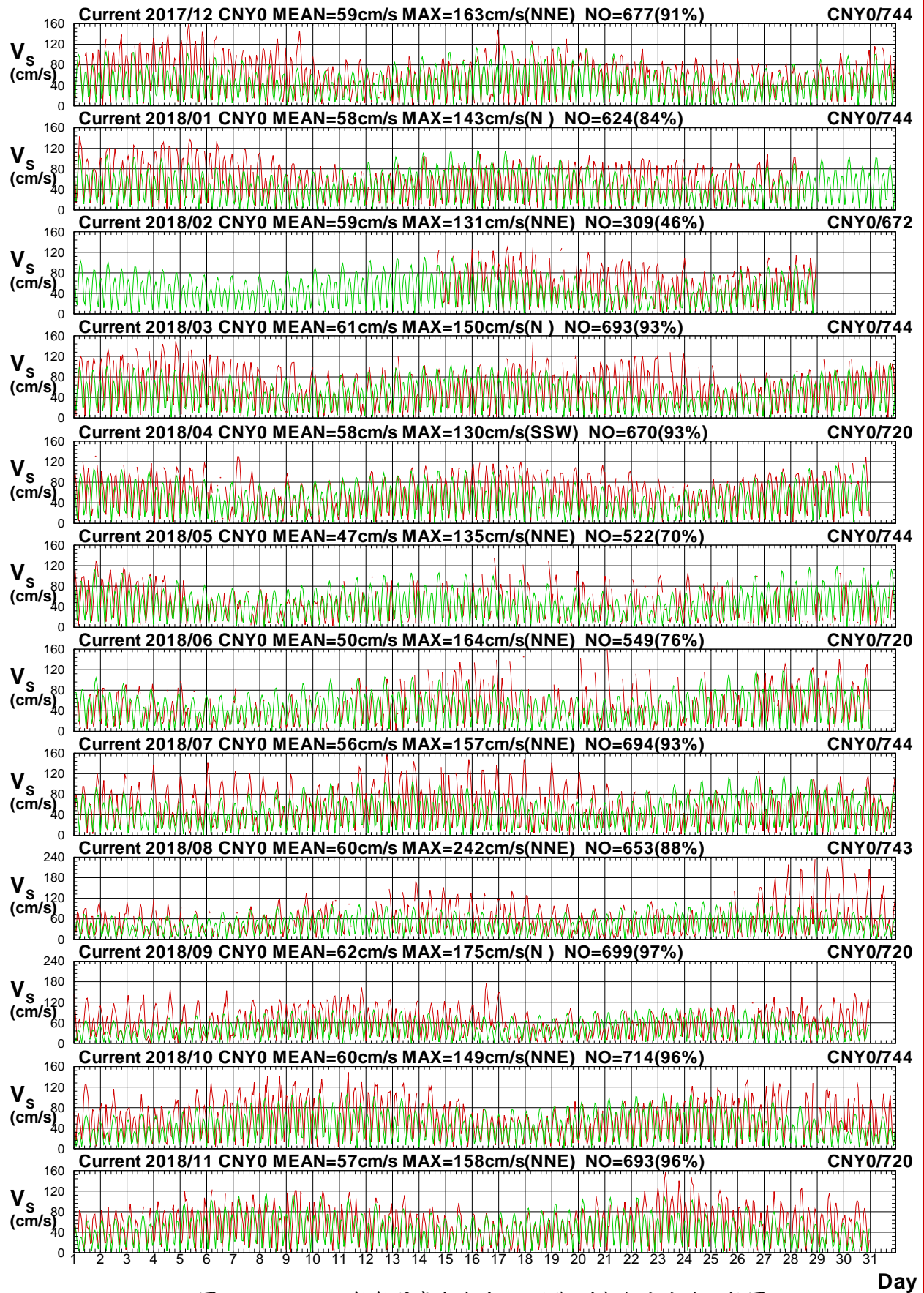


圖4.3.5a 2018年每月嘉南海域 Y 站觀測與潮流流速比較圖

C17CCNY0.1H0 C17CCNY0.1HD C181CNY0.1H0 C181CNY0.1HD C182CNY0.1H0 C182CNY0.1HD
 C183CNY0.1H0 C183CNY0.1HD C184CNY0.1H0 C184CNY0.1HD C185CNY0.1H0 C185CNY0.1HD

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Current Direction in Chia-Nan Seas of CNY0 at 2018

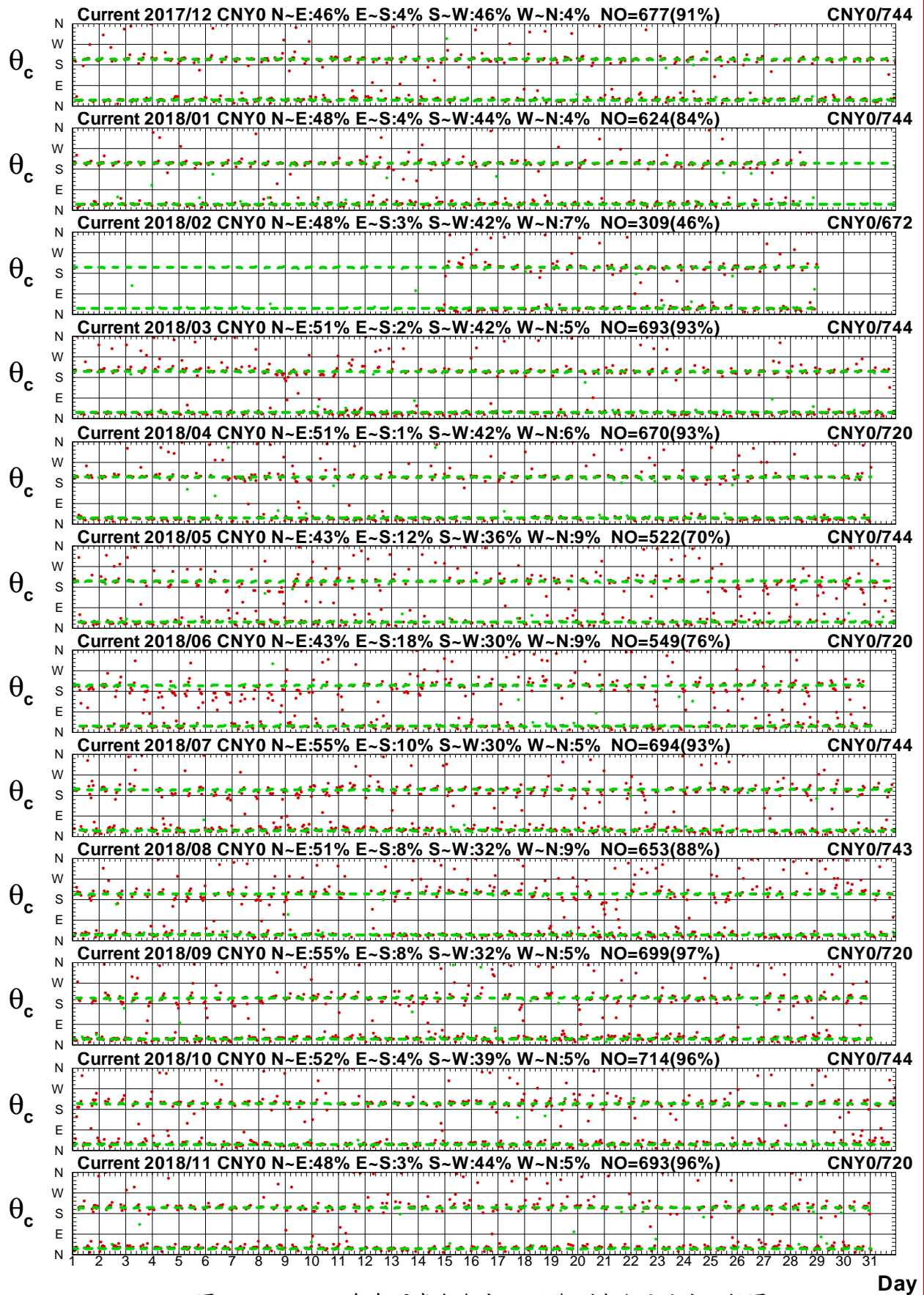


圖4.3.5b 2018年每月嘉南海域 Y 站觀測與潮流流向比較圖

C17CCNY0.1H0 C17CCNY0.1HD C181CNY0.1H0 C181CNY0.1HD C182CNY0.1H0 C182CNY0.1HD
 C183CNY0.1H0 C183CNY0.1HD C184CNY0.1H0 C184CNY0.1HD C185CNY0.1H0 C185CNY0.1HD

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Current Speed in Chia-Nan Seas of CNY0 at 2018

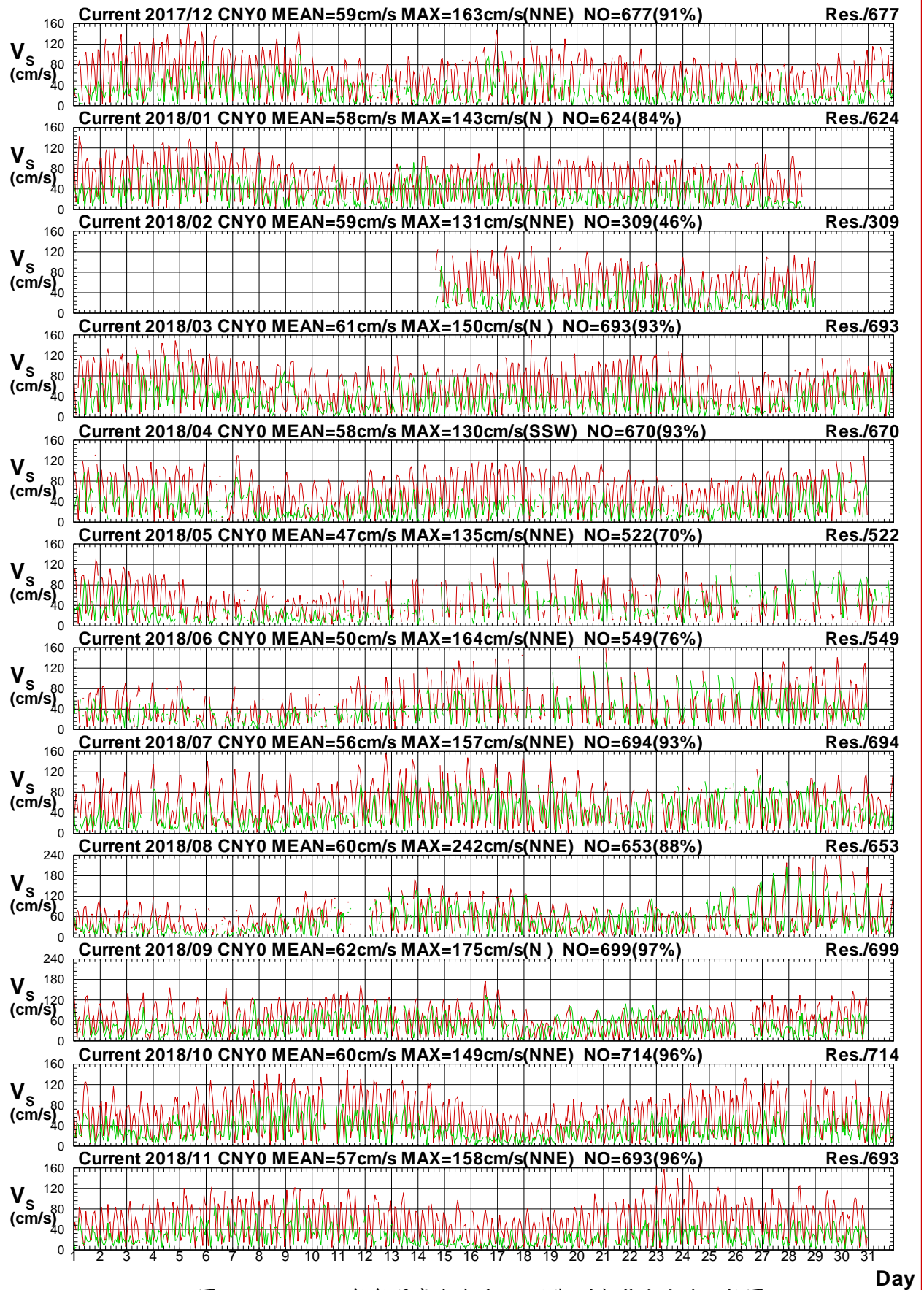


圖4.3.6a 2018年每月嘉南海域 Y 站觀測與殘流流速比較圖

C17CCNY0.1H0 C17CCNY0.1HR C181CNY0.1H0 C181CNY0.1HR C182CNY0.1H0 C182CNY0.1HR
 C183CNY0.1H0 C183CNY0.1HR C184CNY0.1H0 C184CNY0.1HR C185CNY0.1H0 C185CNY0.1HR

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Current Direction in Chia-Nan Seas of CNY0 at 2018

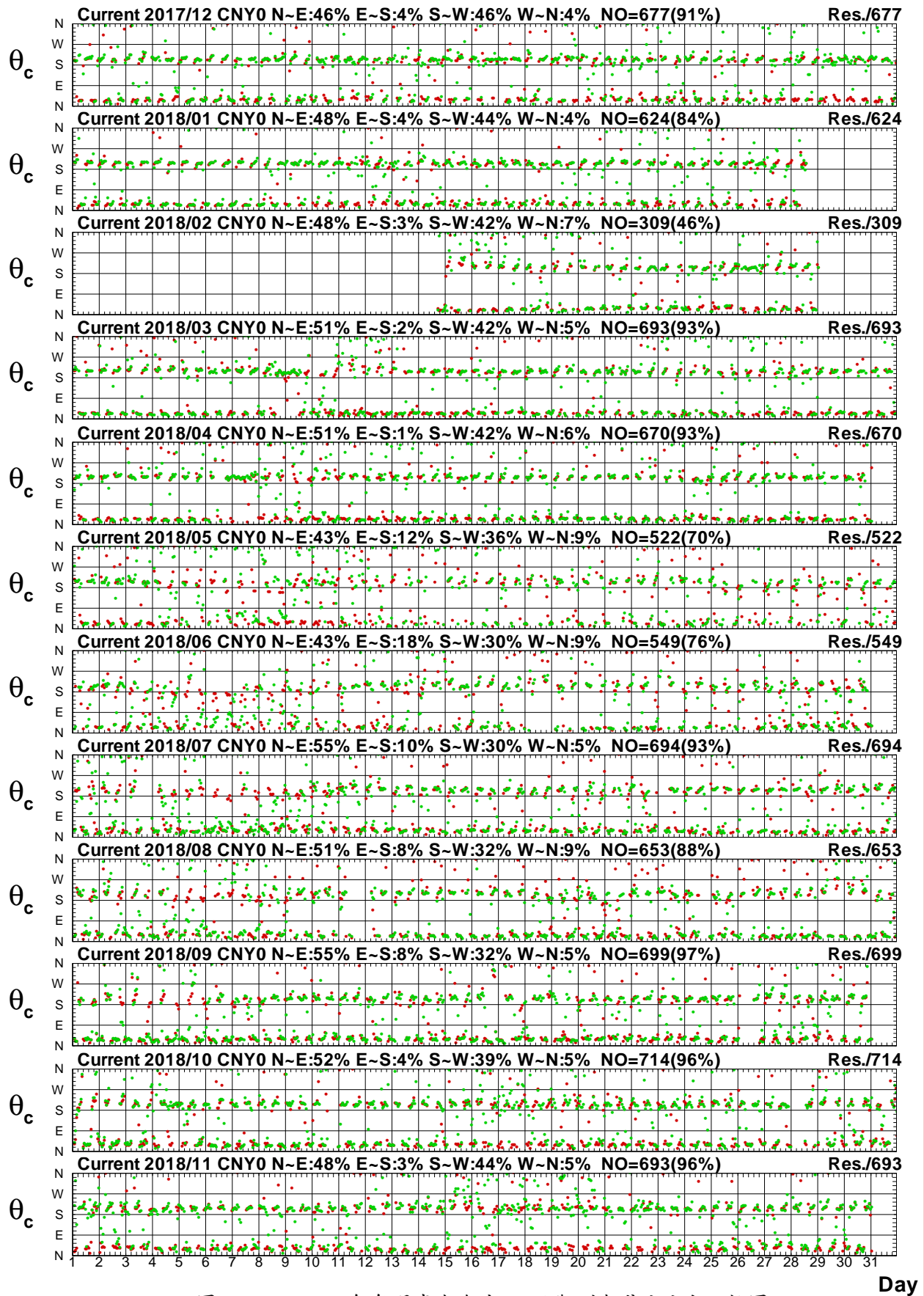


圖4.3.6b 2018年每月嘉南海域 Y 站觀測與殘流流向比較圖

C17CCNY0.1H0 C17CCNY0.1HR C181CNY0.1H0 C181CNY0.1HR C182CNY0.1H0 C182CNY0.1HR
 C183CNY0.1H0 C183CNY0.1HR C184CNY0.1H0 C184CNY0.1HR C185CNY0.1H0 C185CNY0.1HR

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Current Speed in Chia-Nan Seas of CNZ0 at 2018

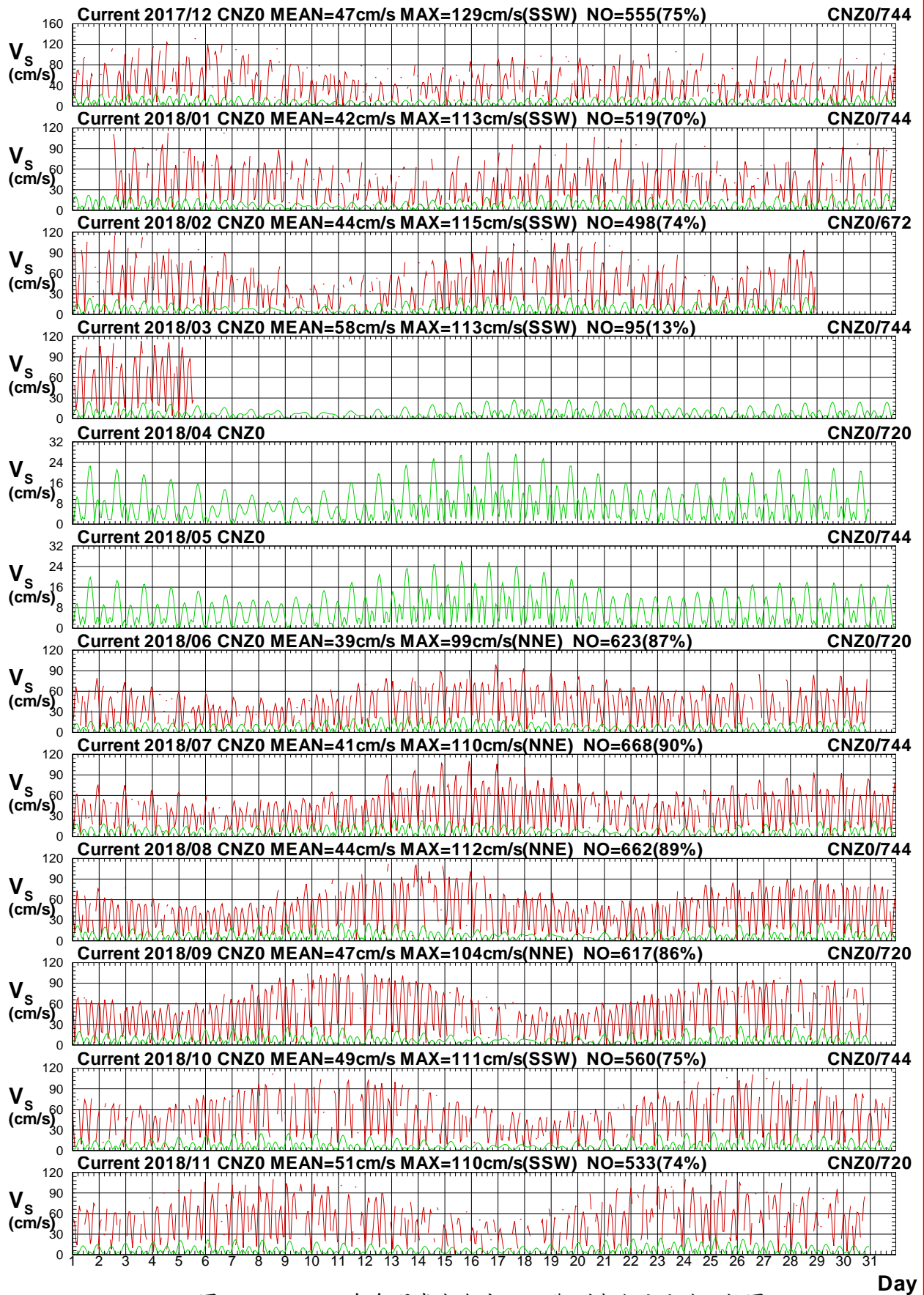


圖4.3.7a 2018年每月嘉南海域 Z 站觀測與潮流流速比較圖

C17CCNZ0.1H0 C17CCNZ0.1HD C181CNZ0.1H0 C181CNZ0.1HD C182CNZ0.1H0 C182CNZ0.1HD
 C183CNZ0.1H0 C183CNZ0.1HD C184CNZ0.1H0 C184CNZ0.1HD C185CNZ0.1H0 C185CNZ0.1HD

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Current Direction in Chia-Nan Seas of CNZ0 at 2018

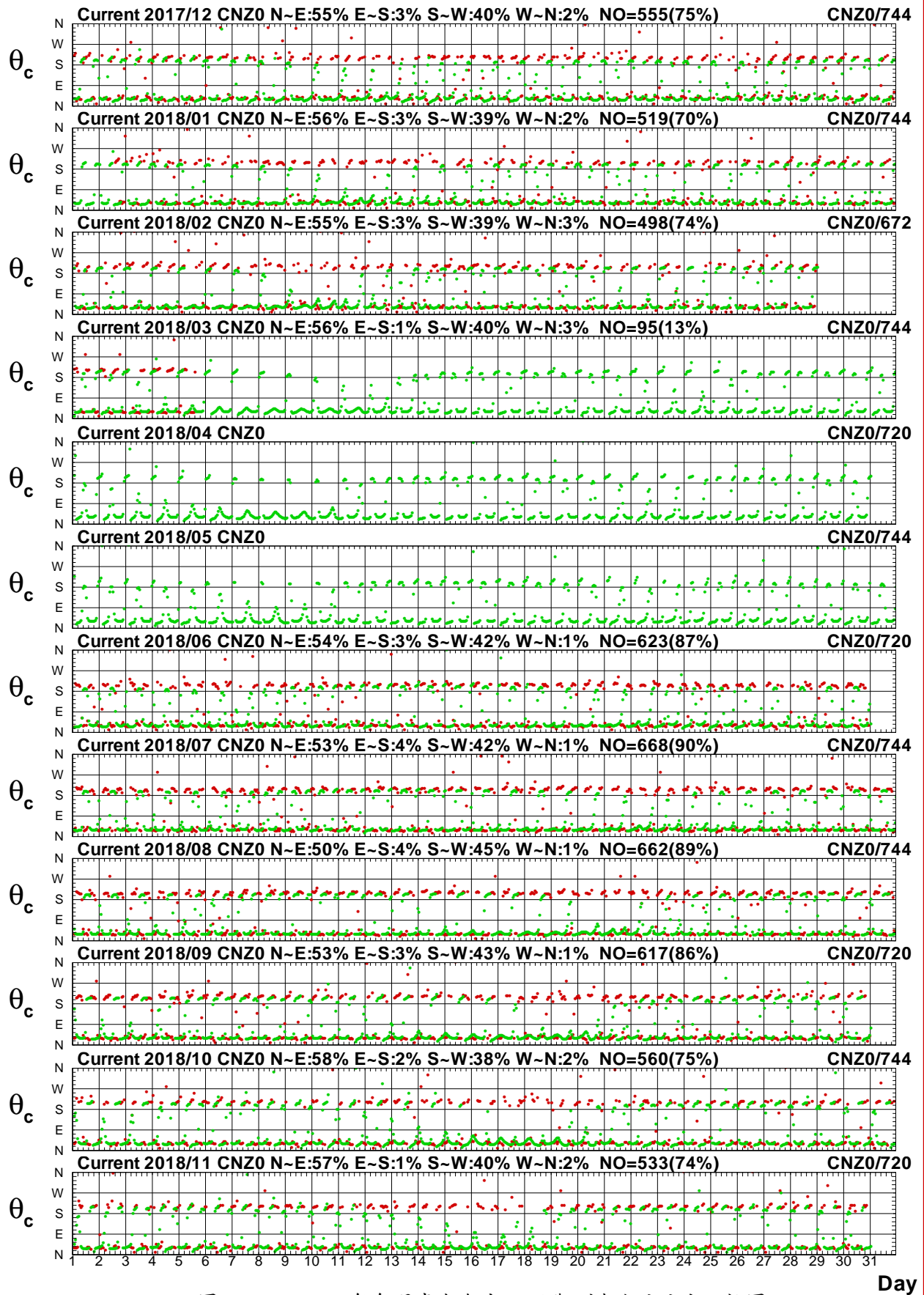


圖4.3.7b 2018年每月嘉南海域 Z 站觀測與潮流流向比較圖

C17CCNZ0.1H0 C17CCNZ0.1HD C181CNZ0.1H0 C181CNZ0.1HD C182CNZ0.1H0 C182CNZ0.1HD
 C183CNZ0.1H0 C183CNZ0.1HD C184CNZ0.1H0 C184CNZ0.1HD C185CNZ0.1H0 C185CNZ0.1HD

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Current Speed in Chia-Nan Seas of CNZ0 at 2018

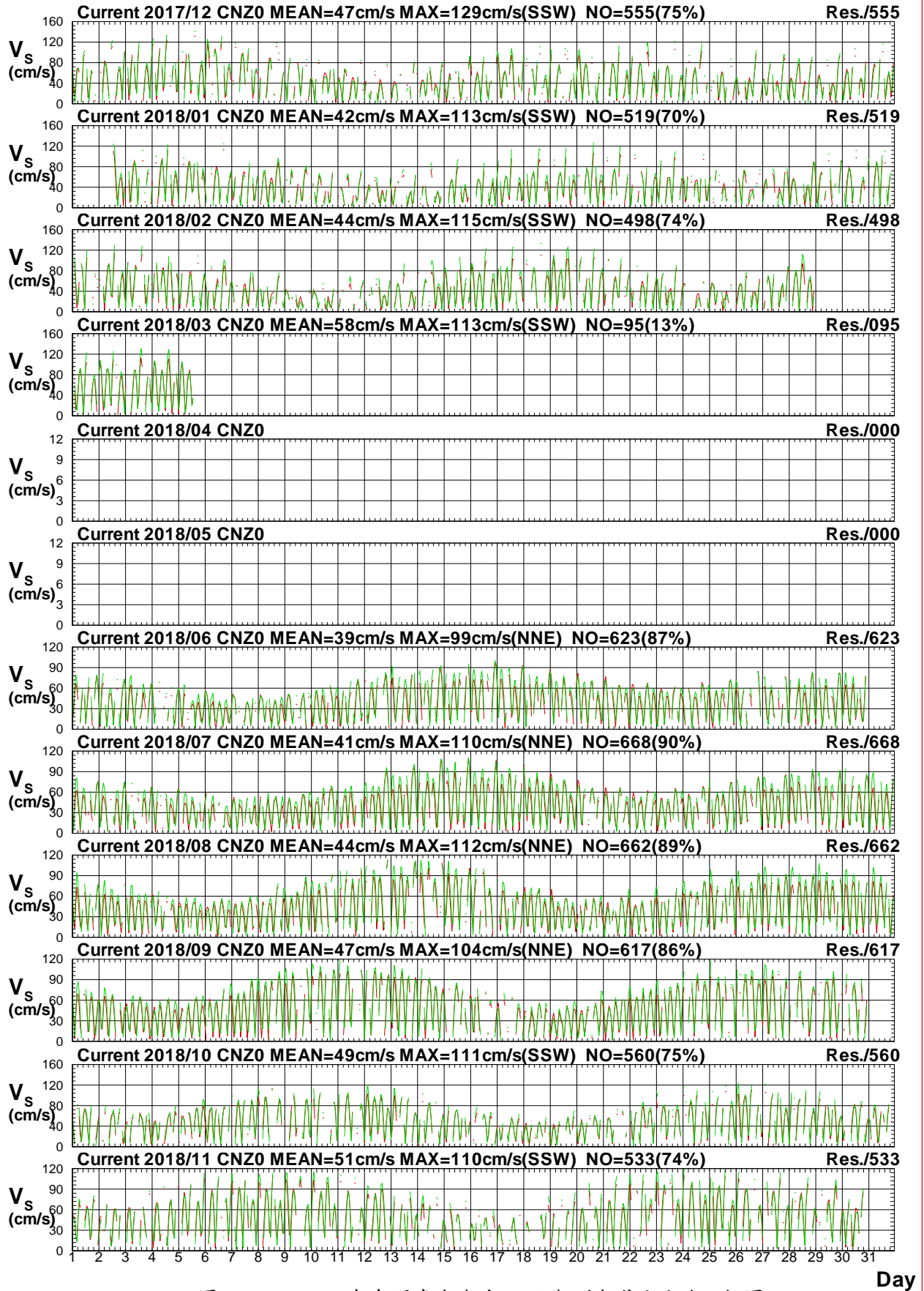


圖4.3.8a 2018年每月嘉南海域 Z 站觀測與殘流流速比較圖

C17CCNZ0.1H0 C17CCNZ0.1HR C181CNZ0.1H0 C181CNZ0.1HR C182CNZ0.1H0 C182CNZ0.1HR
 C183CNZ0.1H0 C183CNZ0.1HR C184CNZ0.1H0 C184CNZ0.1HR C185CNZ0.1H0 C185CNZ0.1HR

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Current Direction in Chia-Nan Seas of CNZ0 at 2018

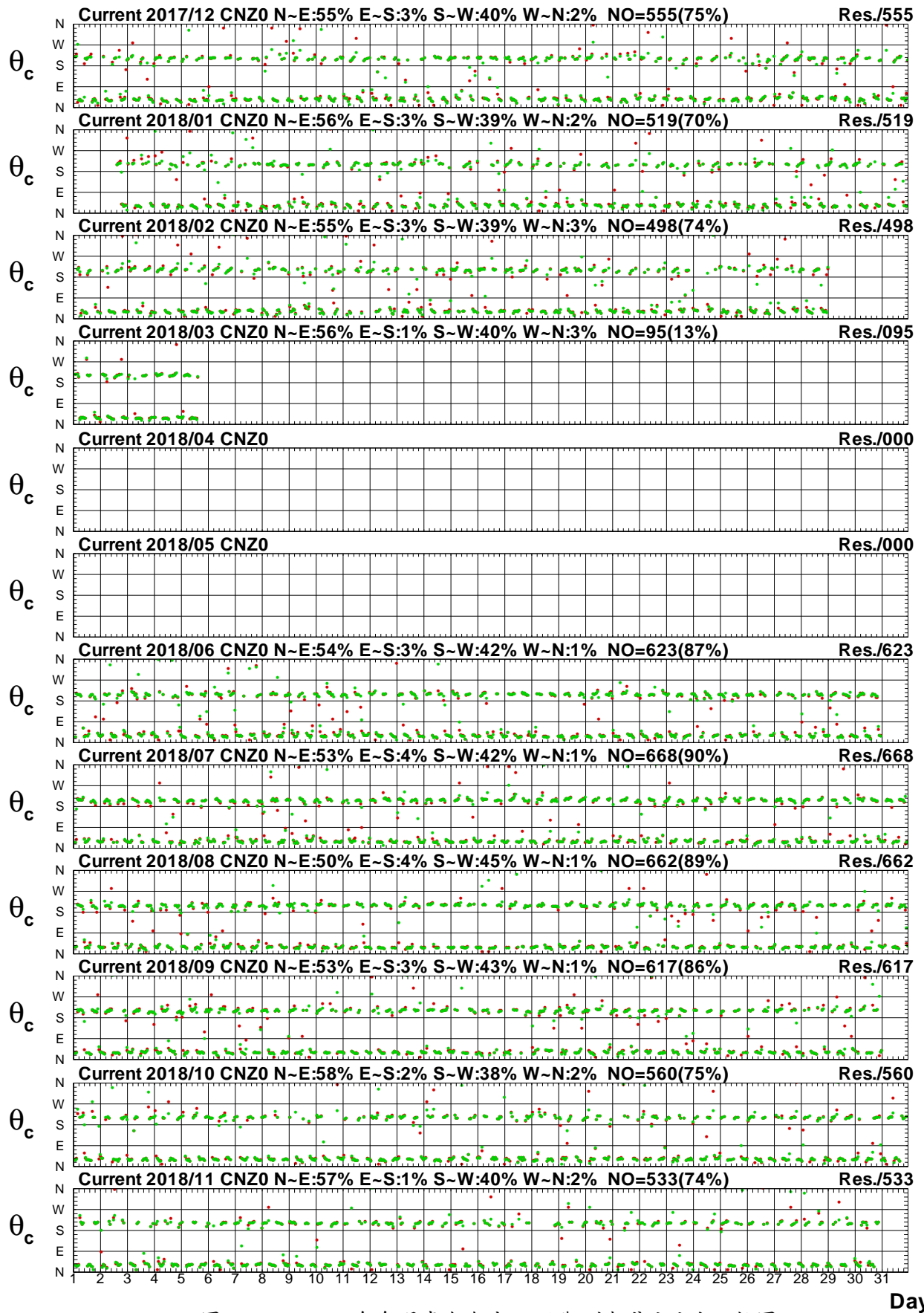


圖4.3.8b 2018年每月嘉南海域Z站觀測與殘流流向比較圖

C17CCNZ0.1H0 C17CCNZ0.1HR C181CNZ0.1H0 C181CNZ0.1HR C182CNZ0.1H0 C182CNZ0.1HR
 C183CNZ0.1H0 C183CNZ0.1HR C184CNZ0.1H0 C184CNZ0.1HR C185CNZ0.1H0 C185CNZ0.1HR

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Current Speed in Chia-Nan Seas of CNU0 at 2018

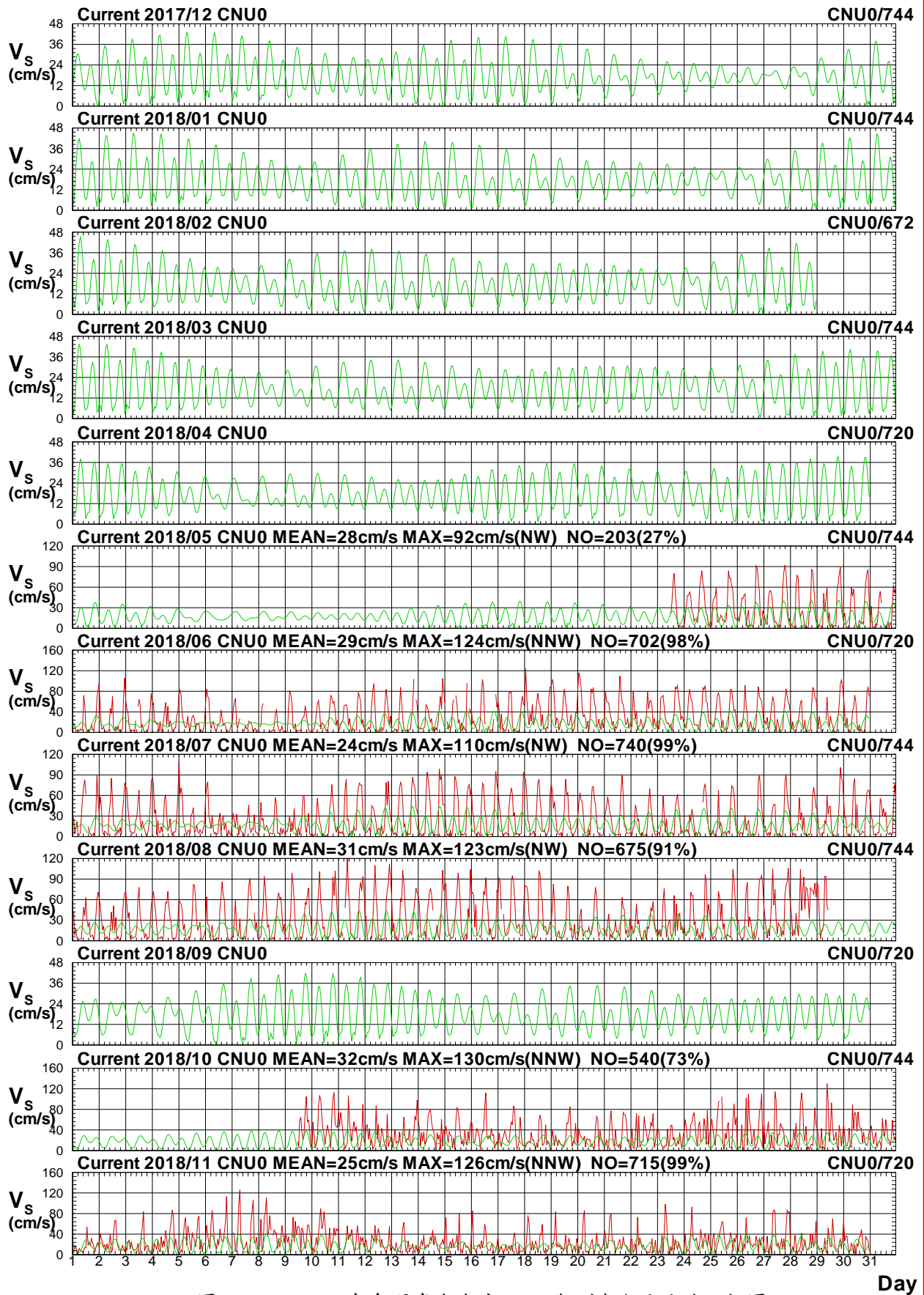


圖4.3.9a 2018年每月嘉南海域 U 站觀測與潮流流速比較圖

C17CCNU0.1HD C17CCNU0.1HD C181CNU0.1HD C181CNU0.1HD C182CNU0.1HD C182CNU0.1HD
 C183CNU0.1HD C183CNU0.1HD C184CNU0.1HD C184CNU0.1HD C185CNU0.1HD C185CNU0.1HD

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Current Direction in Chia-Nan Seas of CNU0 at 2018

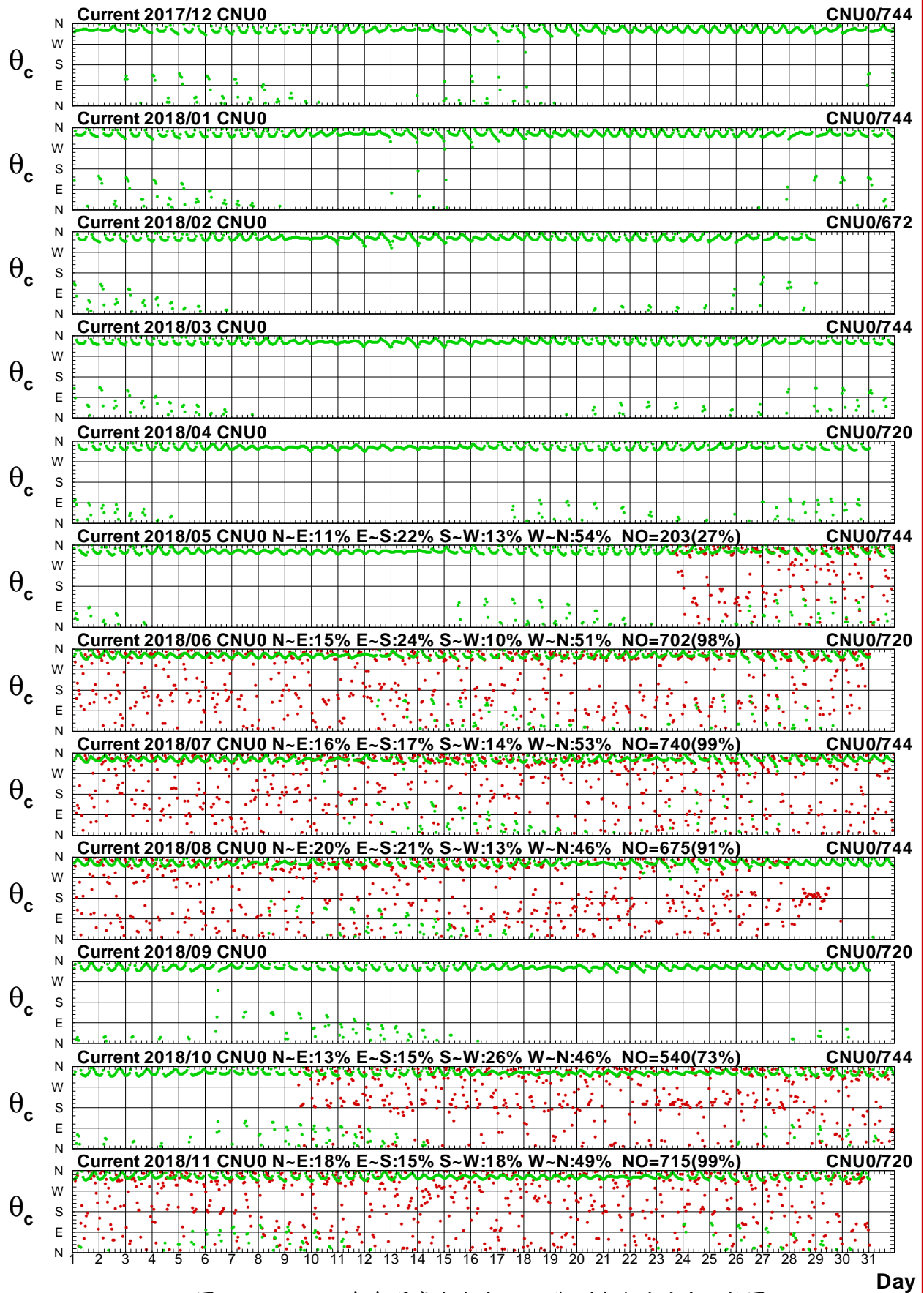


圖4.3.9b 2018年每月嘉南海域 U 站觀測與潮流流向比較圖

C17CCNU0.1HD C17CCNU0.1HD C181CNU0.1HD C181CNU0.1HD C182CNU0.1HD C182CNU0.1HD
 C183CNU0.1HD C183CNU0.1HD C184CNU0.1HD C184CNU0.1HD C185CNU0.1HD C185CNU0.1HD

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Current Speed in Chia-Nan Seas of CNU0 at 2018

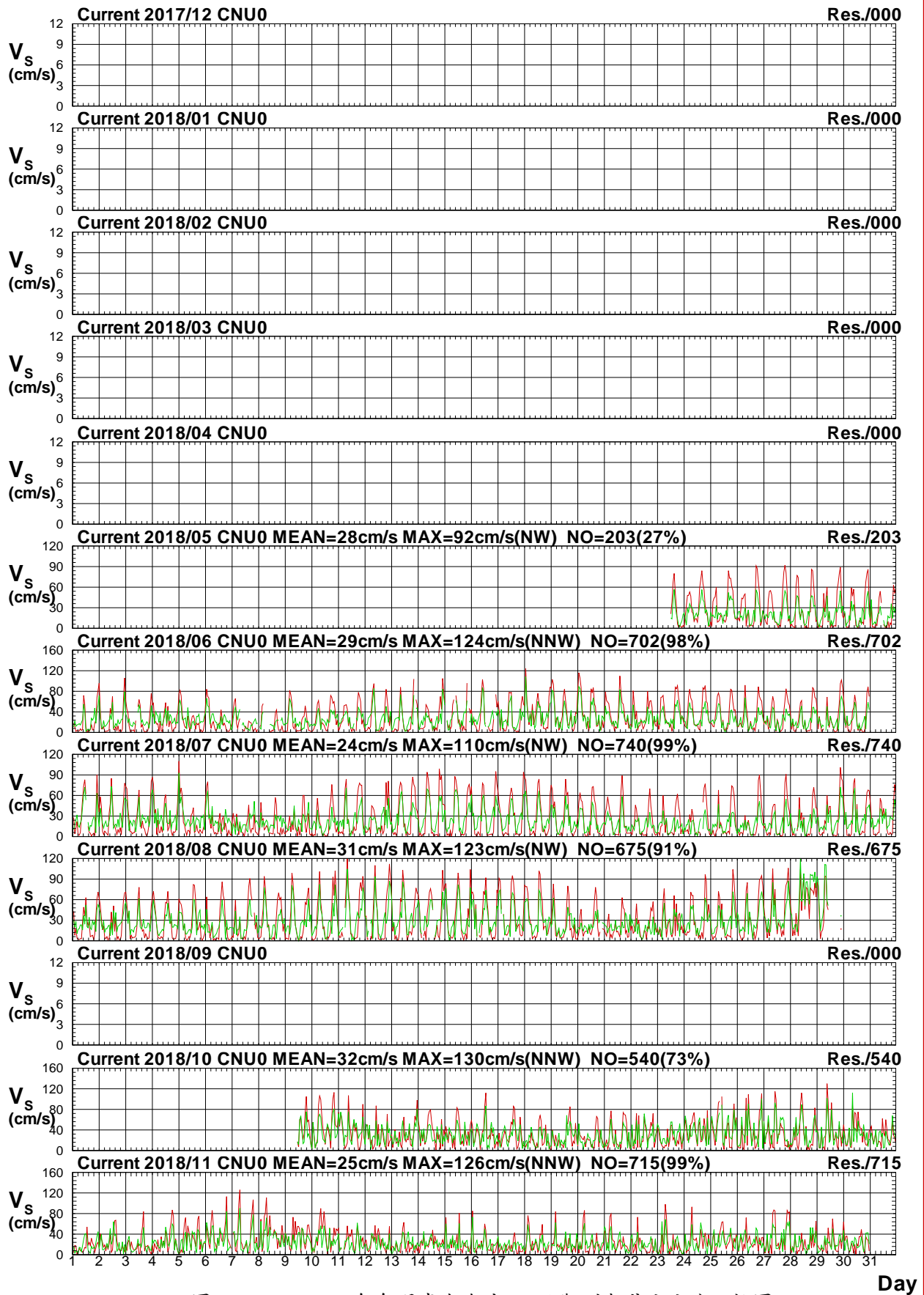


圖4.3.10a 2018年每月嘉南海域 U 站觀測與殘流流速比較圖

C17CCNU0.1H0 C17CCNU0.1HR C181CNU0.1H0 C181CNU0.1HR C182CNU0.1H0 C182CNU0.1HR
 C183CNU0.1H0 C183CNU0.1HR C184CNU0.1H0 C184CNU0.1HR C185CNU0.1H0 C185CNU0.1HR

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Current Direction in Chia-Nan Seas of CNU0 at 2018

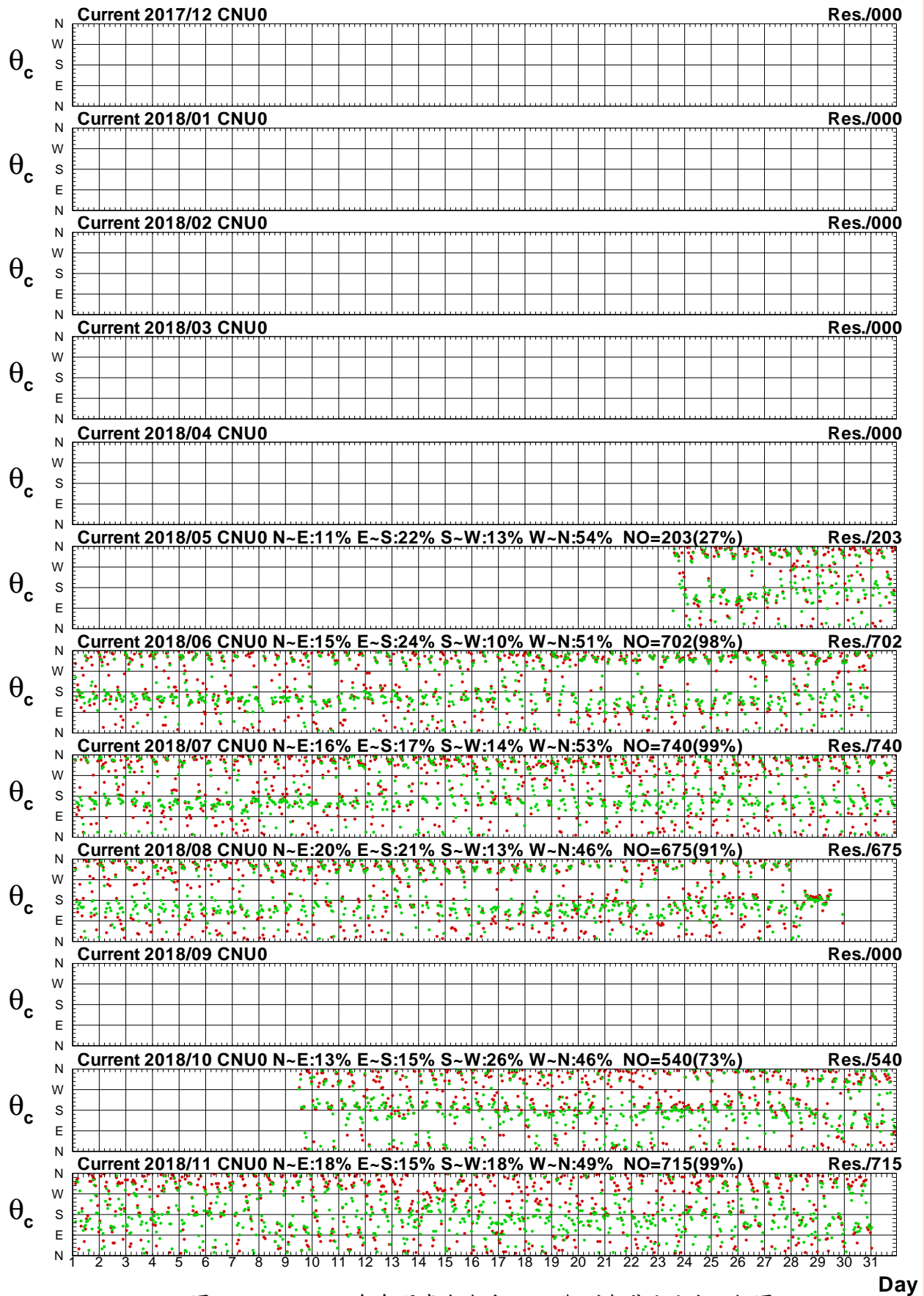


圖4.3.10b 2018年每月嘉南海域 U 站觀測與殘流流向比較圖

C17CCNU0.1H0 C17CCNU0.1HR C181CNU0.1H0 C181CNU0.1HR C182CNU0.1H0 C182CNU0.1HR
 C183CNU0.1H0 C183CNU0.1HR C184CNU0.1H0 C184CNU0.1HR C185CNU0.1H0 C185CNU0.1HR

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4.4 2018 年嘉南海域各測站觀測海流與 計算潮流(殘流)向量分佈圖

Distribution of Current Vectors

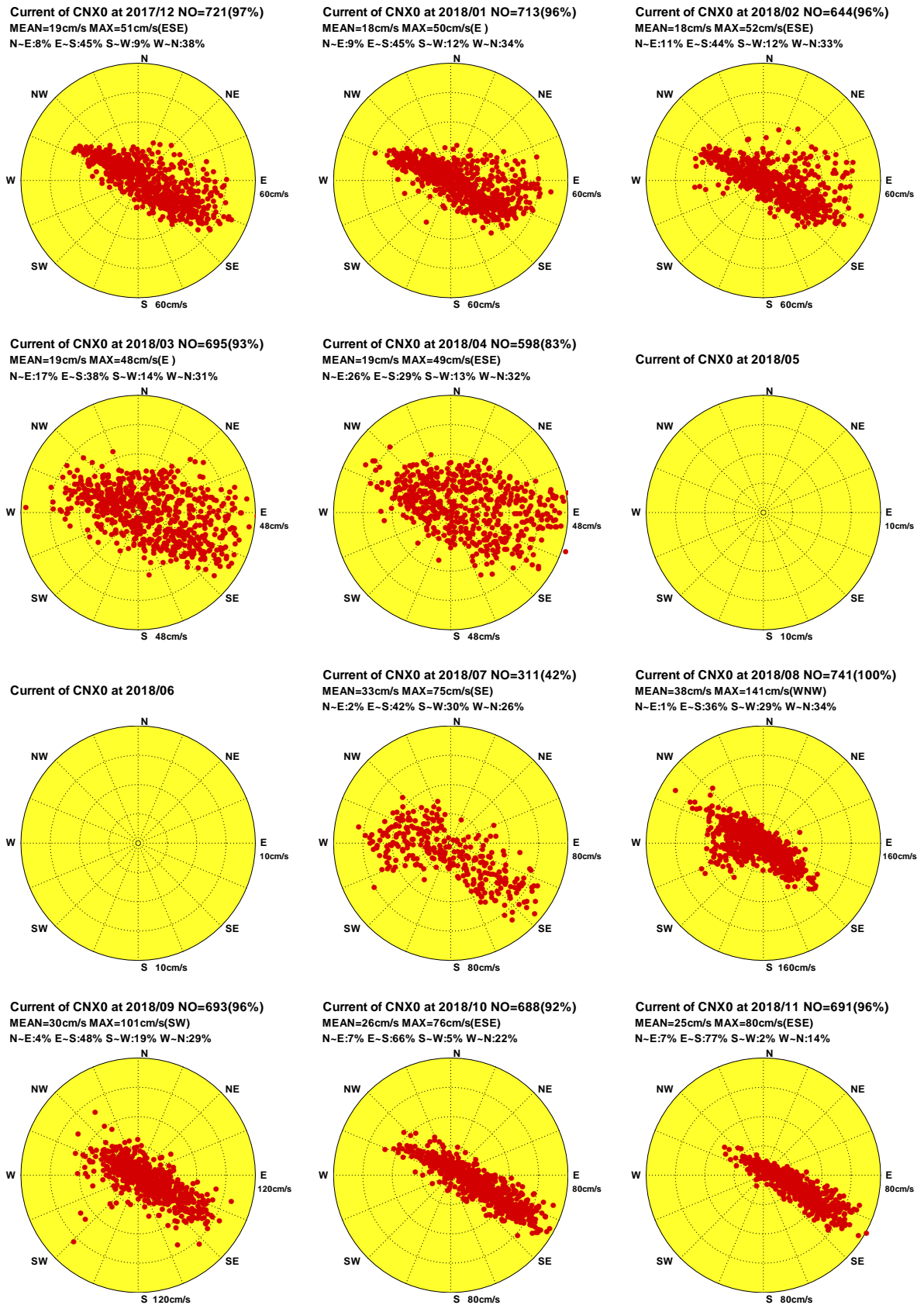


圖4.4.1a 2018年嘉南海域每月測站 X 觀測海流向量分佈圖

C17CCNX0.1H0 C181CNX0.1H0 C182CNX0.1H0 C183CNX0.1H0 C184CNX0.1H0 C185CNX0.1H0
 C186CNX0.1H0 C187CNX0.1H0 C188CNX0.1H0 C189CNX0.1H0 C18ACNX0.1H0 C18BCNX0.1H0

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Distribution of Current Vectors

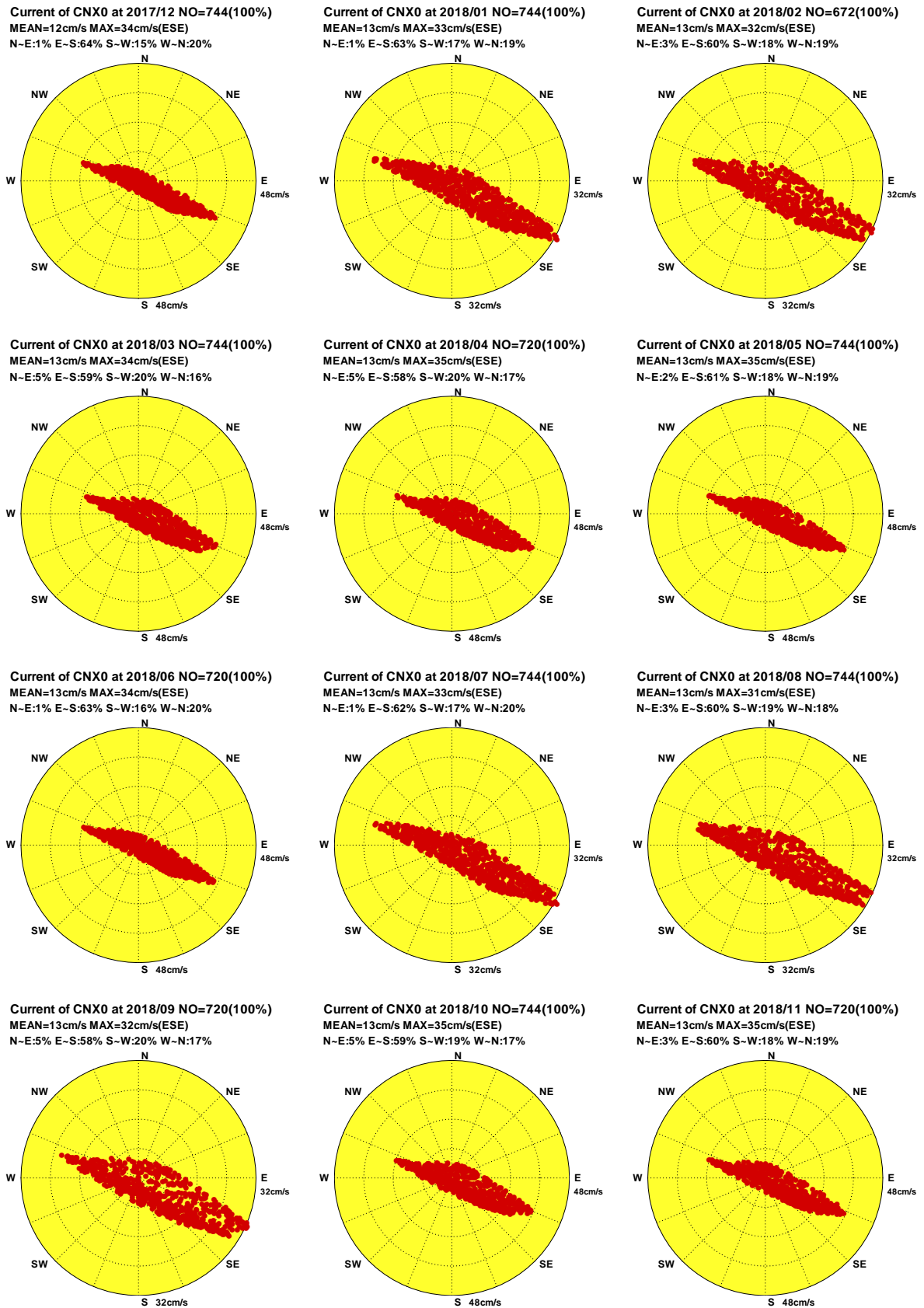


圖4.4.1b 2018年嘉南海域每月測站 X 計算潮流向量分佈圖

C17CCNX0.1HD C181CNX0.1HD C182CNX0.1HD C183CNX0.1HD C184CNX0.1HD C185CNX0.1HD
 C186CNX0.1HD C187CNX0.1HD C188CNX0.1HD C189CNX0.1HD C18ACNX0.1HD C18BCNX0.1HD

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Distribution of Current Vectors

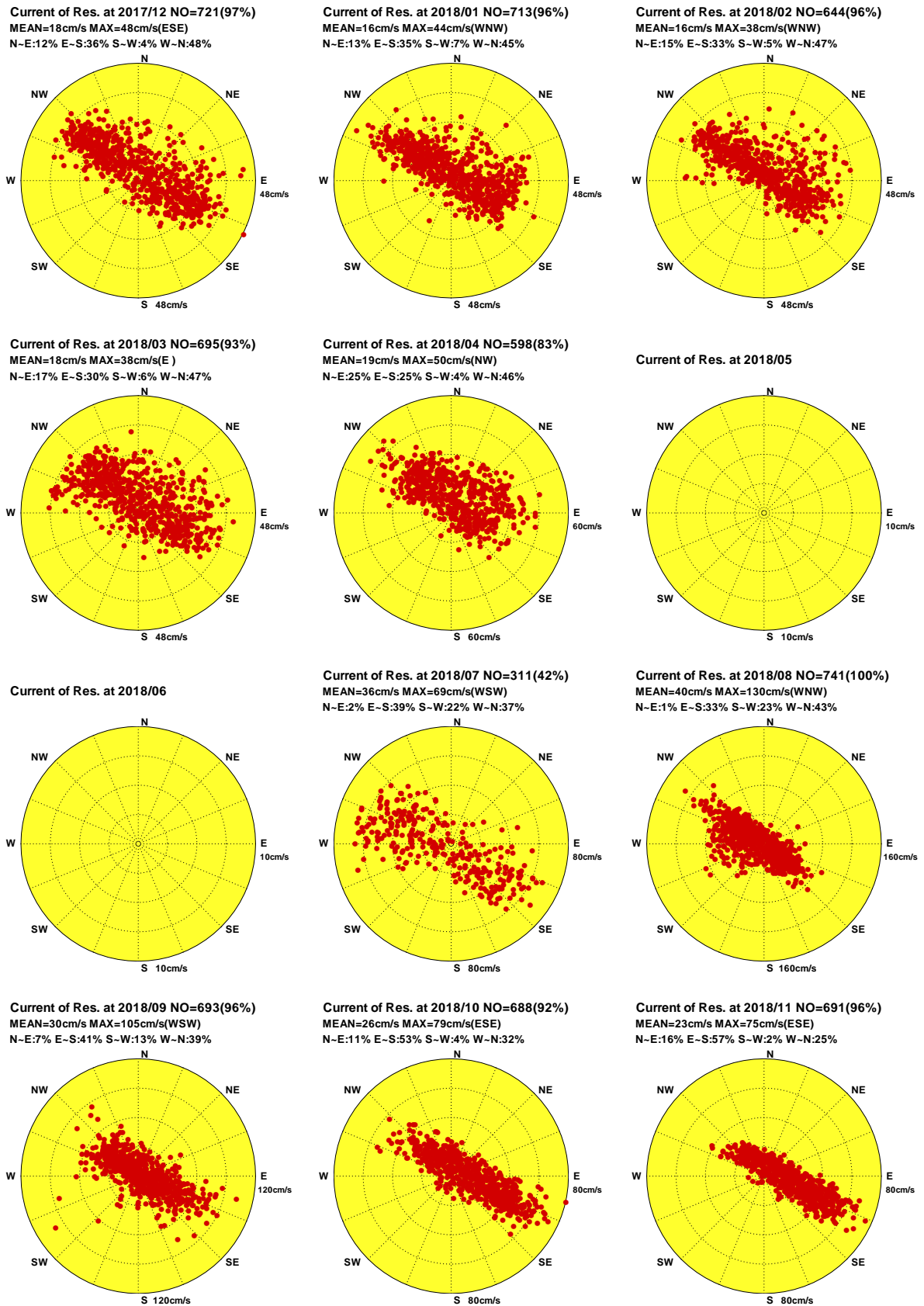


圖4.4.1c 2018年嘉南海域每月測站 X 計算殘流向量分佈圖

C17CCNX0.1HR C181CNX0.1HR C182CNX0.1HR C183CNX0.1HR C184CNX0.1HR C185CNX0.1HR
 C186CNX0.1HR C187CNX0.1HR C188CNX0.1HR C189CNX0.1HR C18ACNX0.1HR C18BCNX0.1HR

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Distribution of Current Vectors

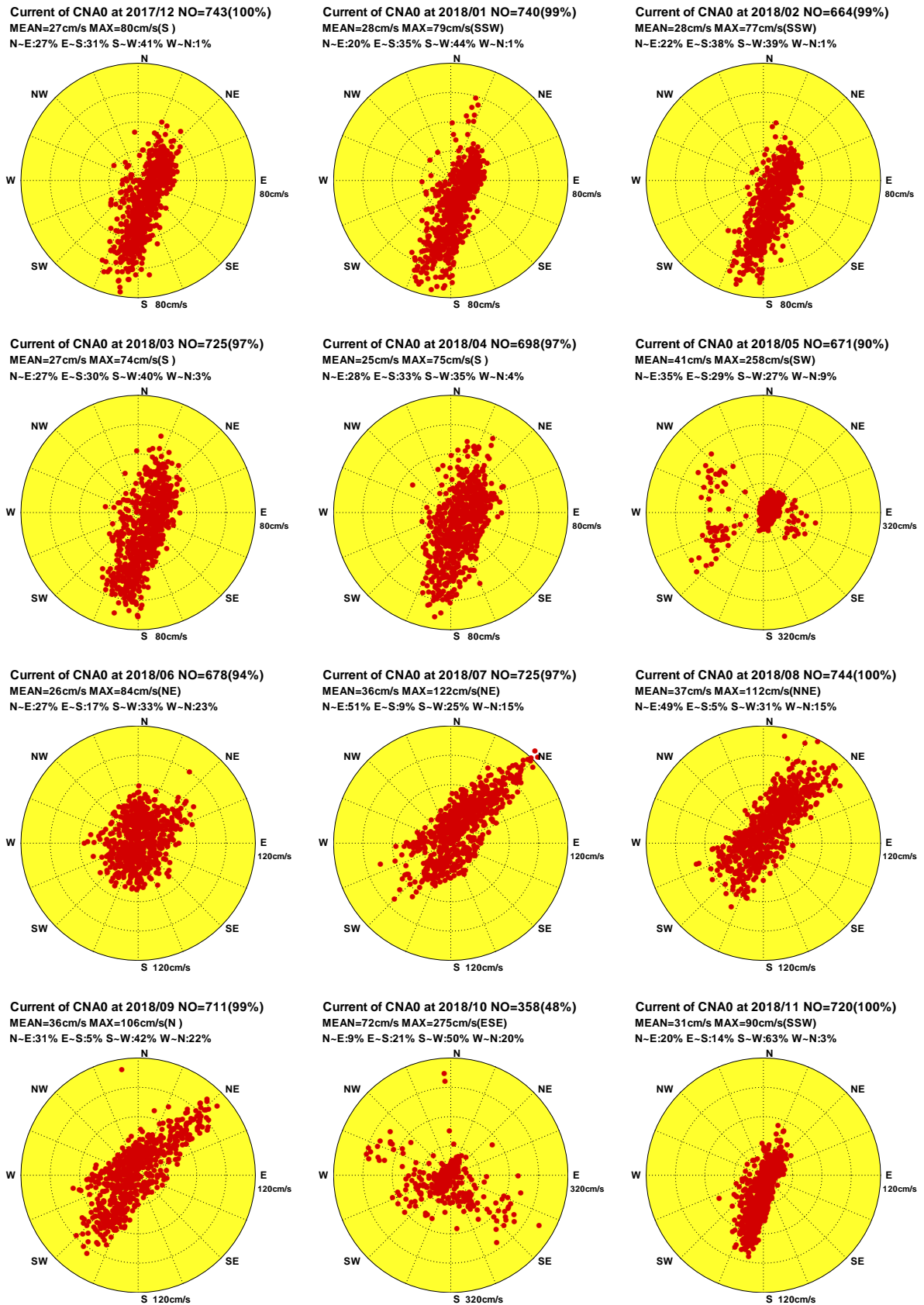


圖4.4.2a 2018年嘉南海域每月測站 A 觀測海流向量分佈圖

C17CCNA0.1H0 C181CNA0.1H0 C182CNA0.1H0 C183CNA0.1H0 C184CNA0.1H0 C185CNA0.1H0
 C186CNA0.1H0 C187CNA0.1H0 C188CNA0.1H0 C189CNA0.1H0 C18ACNA0.1H0 C18BCNA0.1H0

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Distribution of Current Vectors

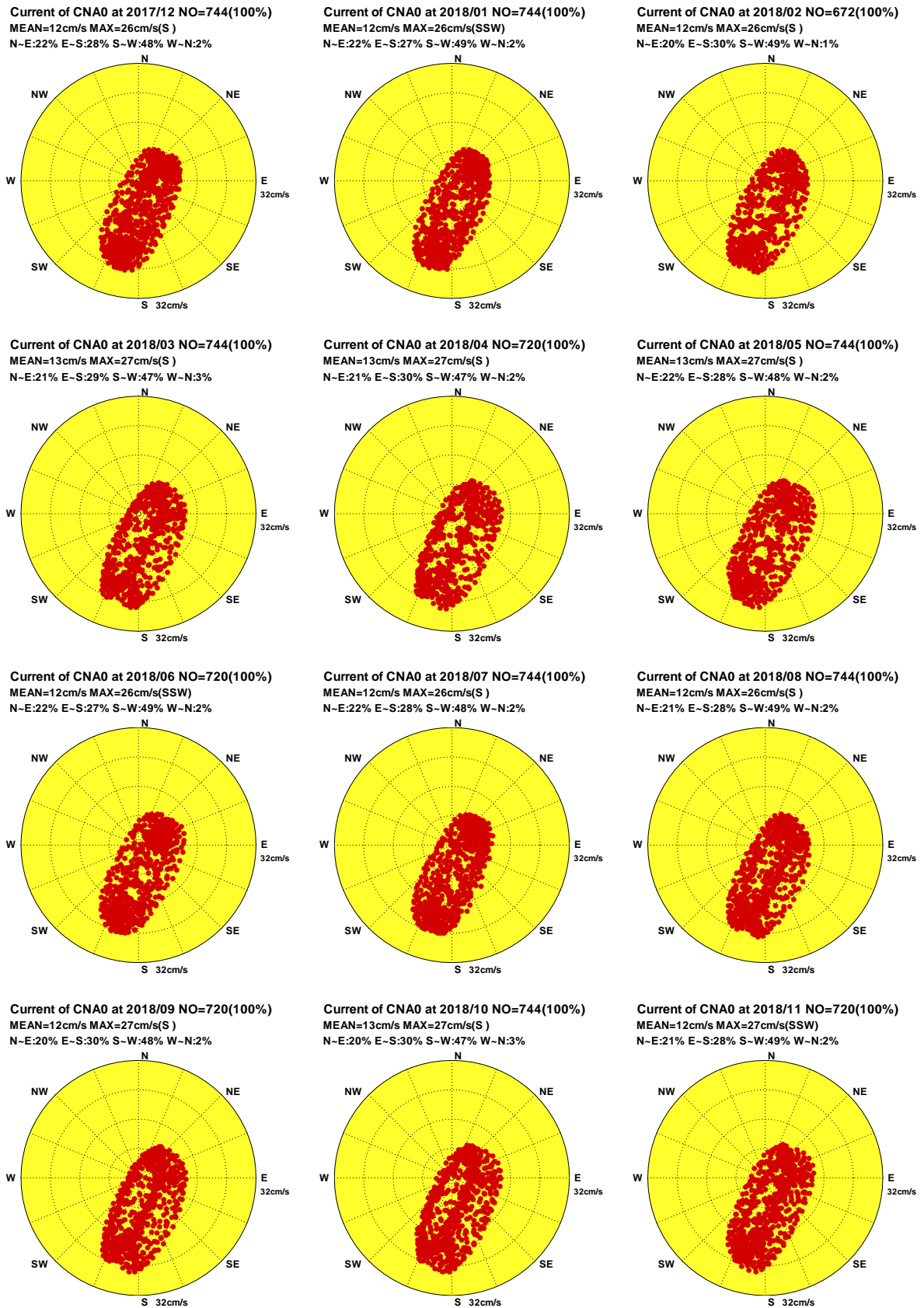


圖4.4.2b 2018年嘉南海域每月測站 A 計算潮流向量分佈圖

C17CCNA0.1HD C181CNA0.1HD C182CNA0.1HD C183CNA0.1HD C184CNA0.1HD C185CNA0.1HD
 C186CNA0.1HD C187CNA0.1HD C188CNA0.1HD C189CNA0.1HD C18ACNA0.1HD C18BCNA0.1HD

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Distribution of Current Vectors

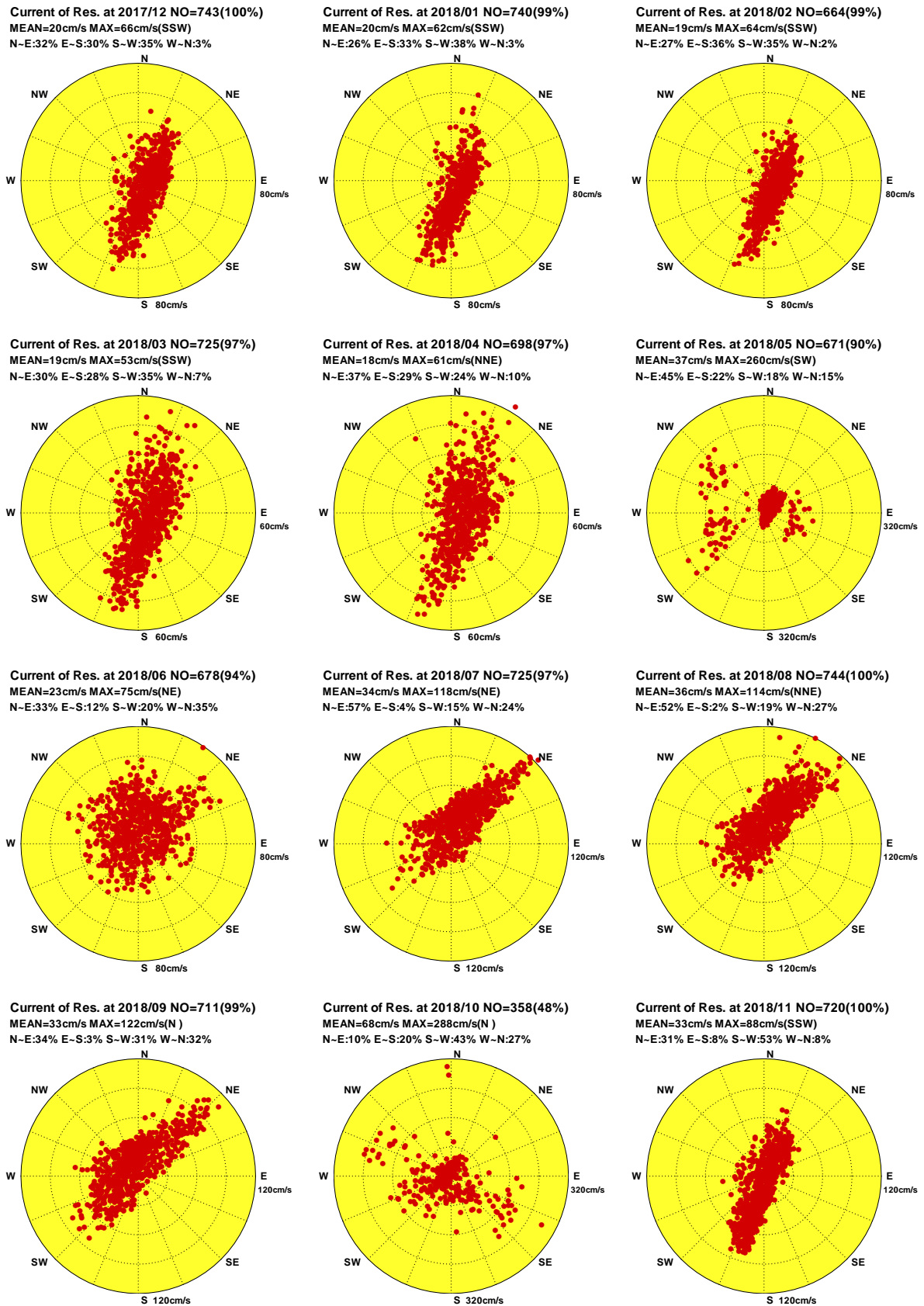


圖4.4.2c 2018年嘉南海域每月測站 A 計算殘流向量分佈圖

C17CCNA0.1HR C181CNA0.1HR C182CNA0.1HR C183CNA0.1HR C184CNA0.1HR C185CNA0.1HR
 C186CNA0.1HR C187CNA0.1HR C188CNA0.1HR C189CNA0.1HR C18ACNA0.1HR C18BCNA0.1HR

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Distribution of Current Vectors

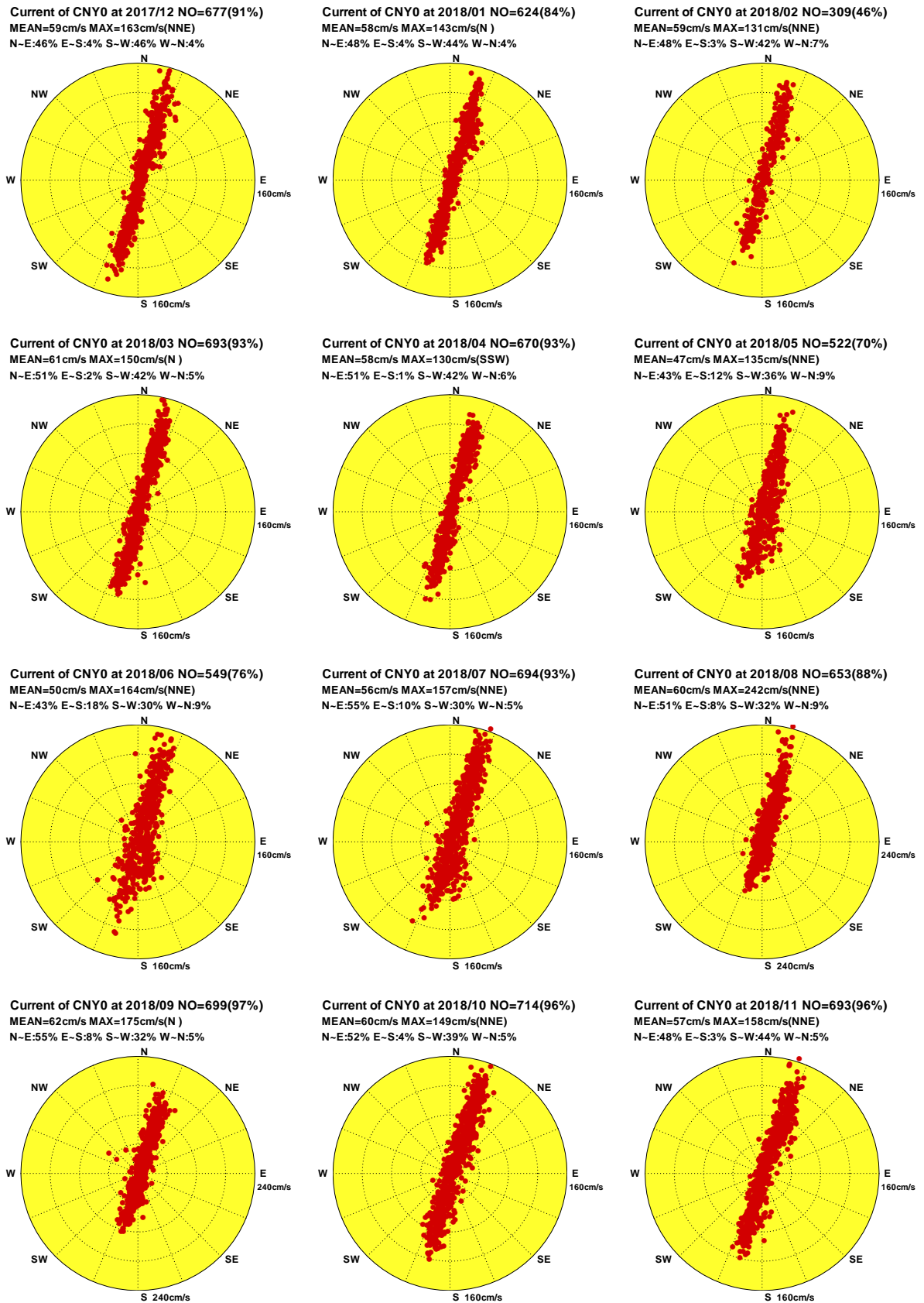


圖4.4.3a 2018年嘉南海域每月測站 Y 觀測海流向量分佈圖

C17CCNY0.1H0 C181CNY0.1H0 C182CNY0.1H0 C183CNY0.1H0 C184CNY0.1H0 C185CNY0.1H0
 C186CNY0.1H0 C187CNY0.1H0 C188CNY0.1H0 C189CNY0.1H0 C18ACNY0.1H0 C18BCNY0.1H0

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Distribution of Current Vectors

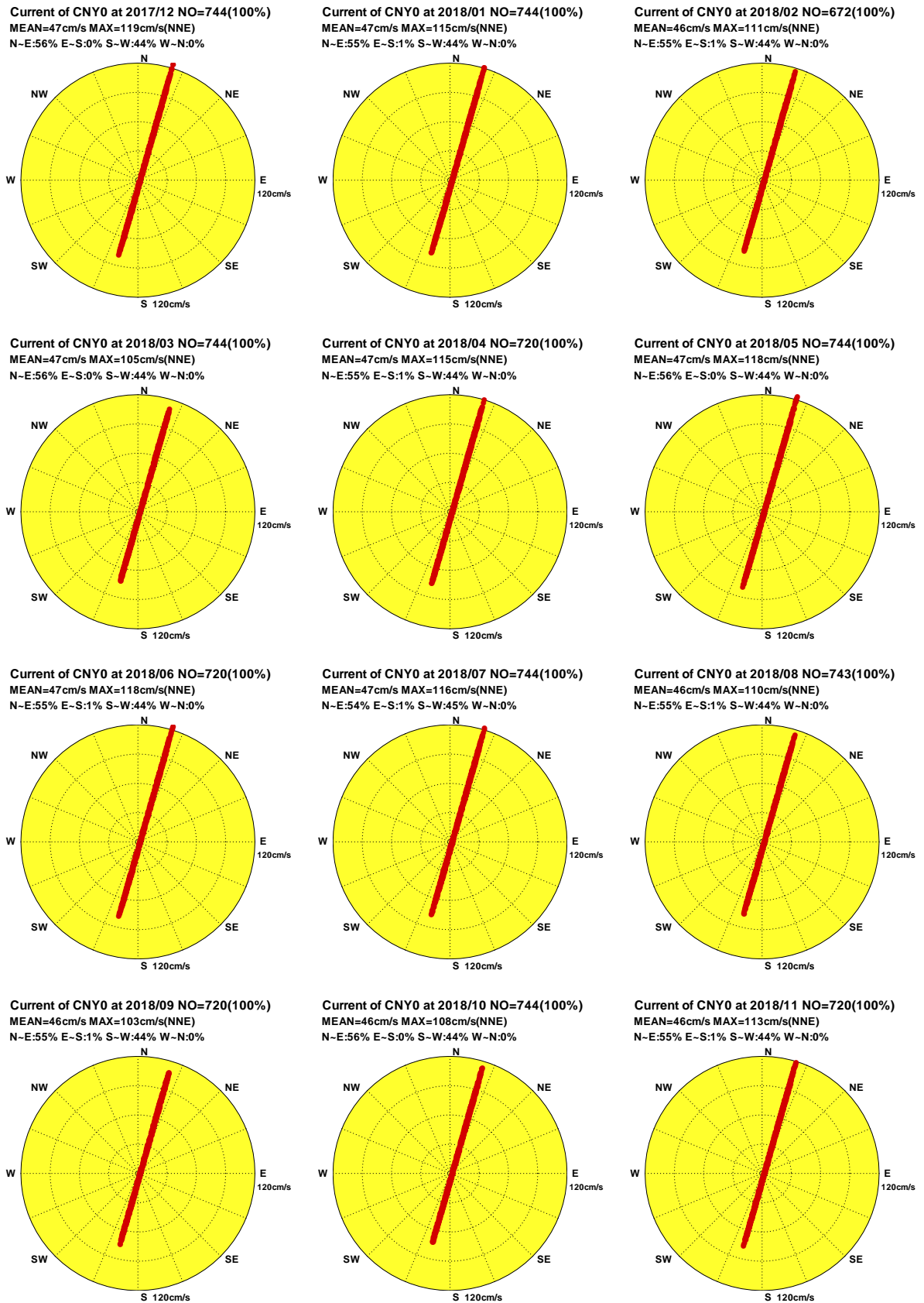


圖4.4.3b 2018年嘉南海域每月測站 Y 計算潮流向量分佈圖

C17CCNY0.1HD C181CNY0.1HD C182CNY0.1HD C183CNY0.1HD C184CNY0.1HD C185CNY0.1HD
 C186CNY0.1HD C187CNY0.1HD C188CNY0.1HD C189CNY0.1HD C18ACNY0.1HD C18BCNY0.1HD

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Distribution of Current Vectors

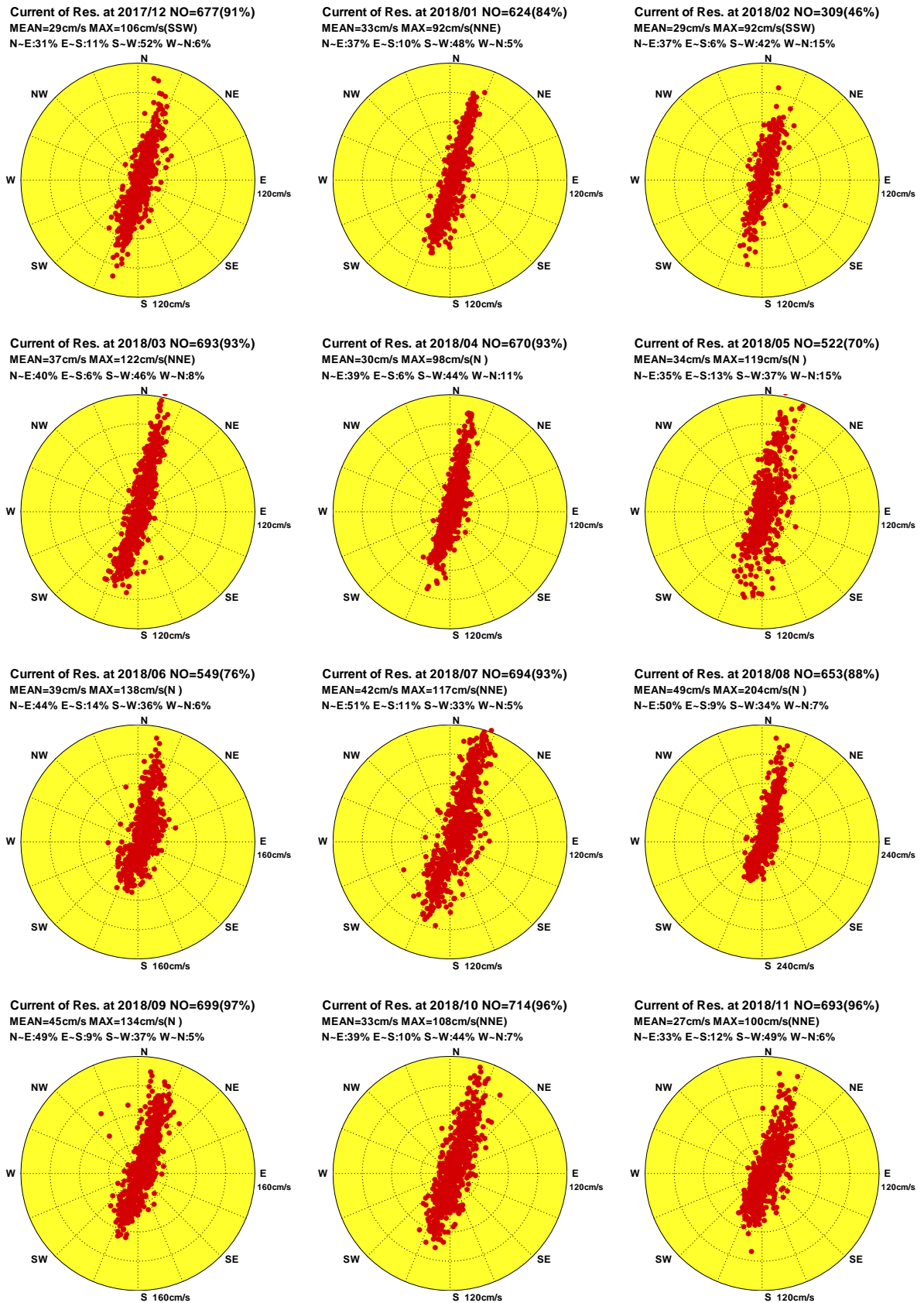


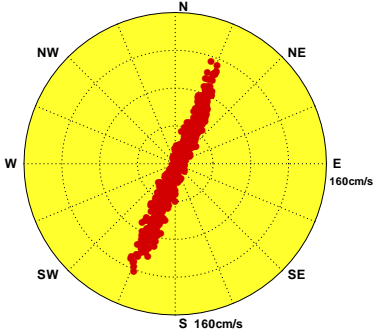
圖4.4.3c 2018年嘉南海域每月測站 Y 計算殘流向量分佈圖

C17CCNY0.1HR C181CNY0.1HR C182CNY0.1HR C183CNY0.1HR C184CNY0.1HR C185CNY0.1HR
C186CNY0.1HR C187CNY0.1HR C188CNY0.1HR C189CNY0.1HR C18ACNY0.1HR C18BCNY0.1HR

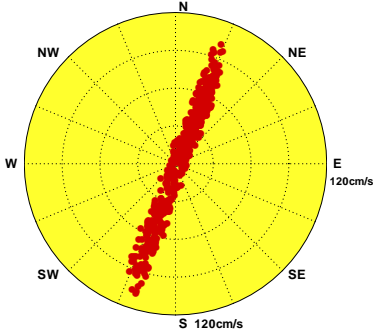
Institute of Harbor & Marine Technology

Distribution of Current Vectors

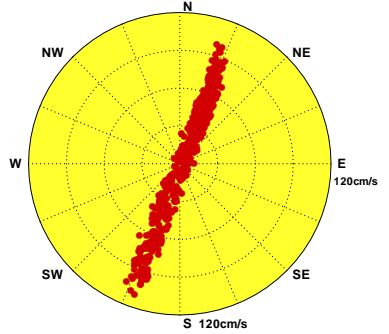
Current of CNZ0 at 2017/12 NO=555(75%)
 MEAN=47cm/s MAX=129cm/s(SSW)
 N-E:55% E-S:3% S-W:40% W-N:2%



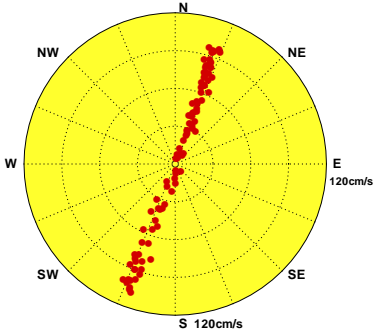
Current of CNZ0 at 2018/01 NO=519(70%)
 MEAN=42cm/s MAX=113cm/s(SSW)
 N-E:56% E-S:3% S-W:39% W-N:2%



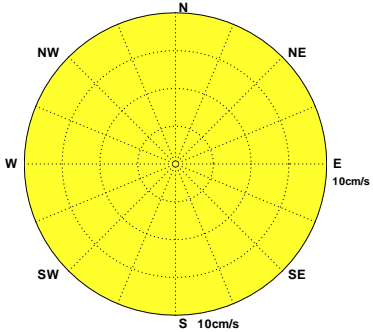
Current of CNZ0 at 2018/02 NO=498(74%)
 MEAN=44cm/s MAX=115cm/s(SSW)
 N-E:55% E-S:3% S-W:39% W-N:3%



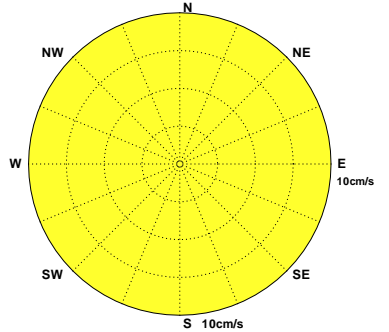
Current of CNZ0 at 2018/03 NO=95(13%)
 MEAN=58cm/s MAX=113cm/s(SSW)
 N-E:56% E-S:1% S-W:40% W-N:3%



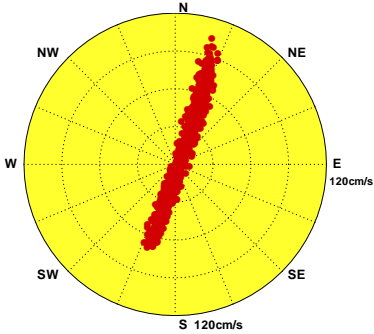
Current of CNZ0 at 2018/04



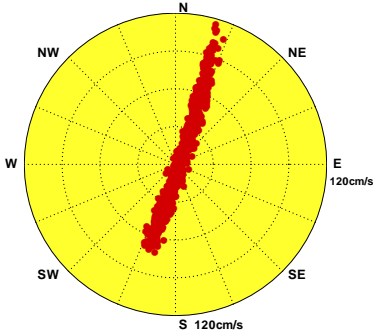
Current of CNZ0 at 2018/05



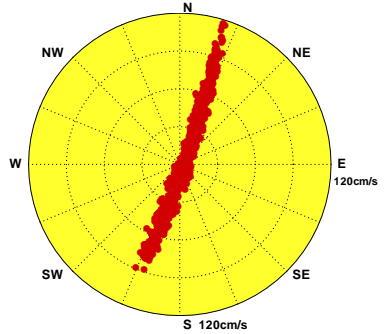
Current of CNZ0 at 2018/06 NO=623(87%)
 MEAN=39cm/s MAX=99cm/s(NNE)
 N-E:54% E-S:3% S-W:42% W-N:1%



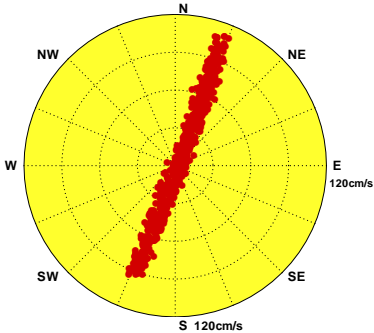
Current of CNZ0 at 2018/07 NO=668(90%)
 MEAN=41 cm/s MAX=110cm/s(NNE)
 N-E:53% E-S:4% S-W:42% W-N:1%



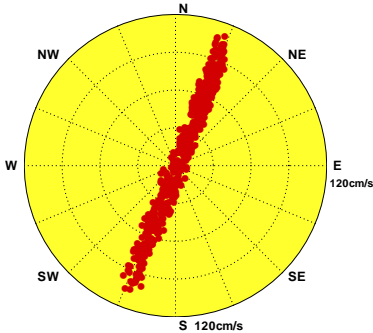
Current of CNZ0 at 2018/08 NO=662(89%)
 MEAN=44cm/s MAX=112cm/s(NNE)
 N-E:50% E-S:4% S-W:45% W-N:1%



Current of CNZ0 at 2018/09 NO=617(86%)
 MEAN=47cm/s MAX=104cm/s(NNE)
 N-E:53% E-S:3% S-W:43% W-N:1%



Current of CNZ0 at 2018/10 NO=560(75%)
 MEAN=49cm/s MAX=111cm/s(SSW)
 N-E:58% E-S:2% S-W:38% W-N:2%



Current of CNZ0 at 2018/11 NO=533(74%)
 MEAN=51cm/s MAX=110cm/s(SSW)
 N-E:57% E-S:1% S-W:40% W-N:2%

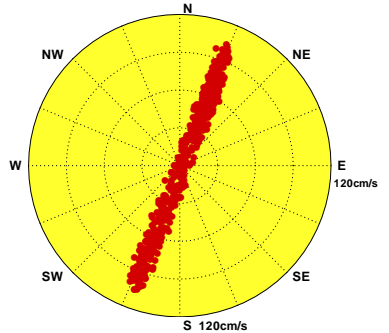


圖4.4.4a 2018年嘉南海域每月測站 Z 觀測海流向量分佈圖

C17CCNZ0.1HO C181CNZ0.1HO C182CNZ0.1HO C183CNZ0.1HO C184CNZ0.1HO C185CNZ0.1HO
 C186CNZ0.1HO C187CNZ0.1HO C188CNZ0.1HO C189CNZ0.1HO C18ACNZ0.1HO C18BCNZ0.1HO

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Distribution of Current Vectors

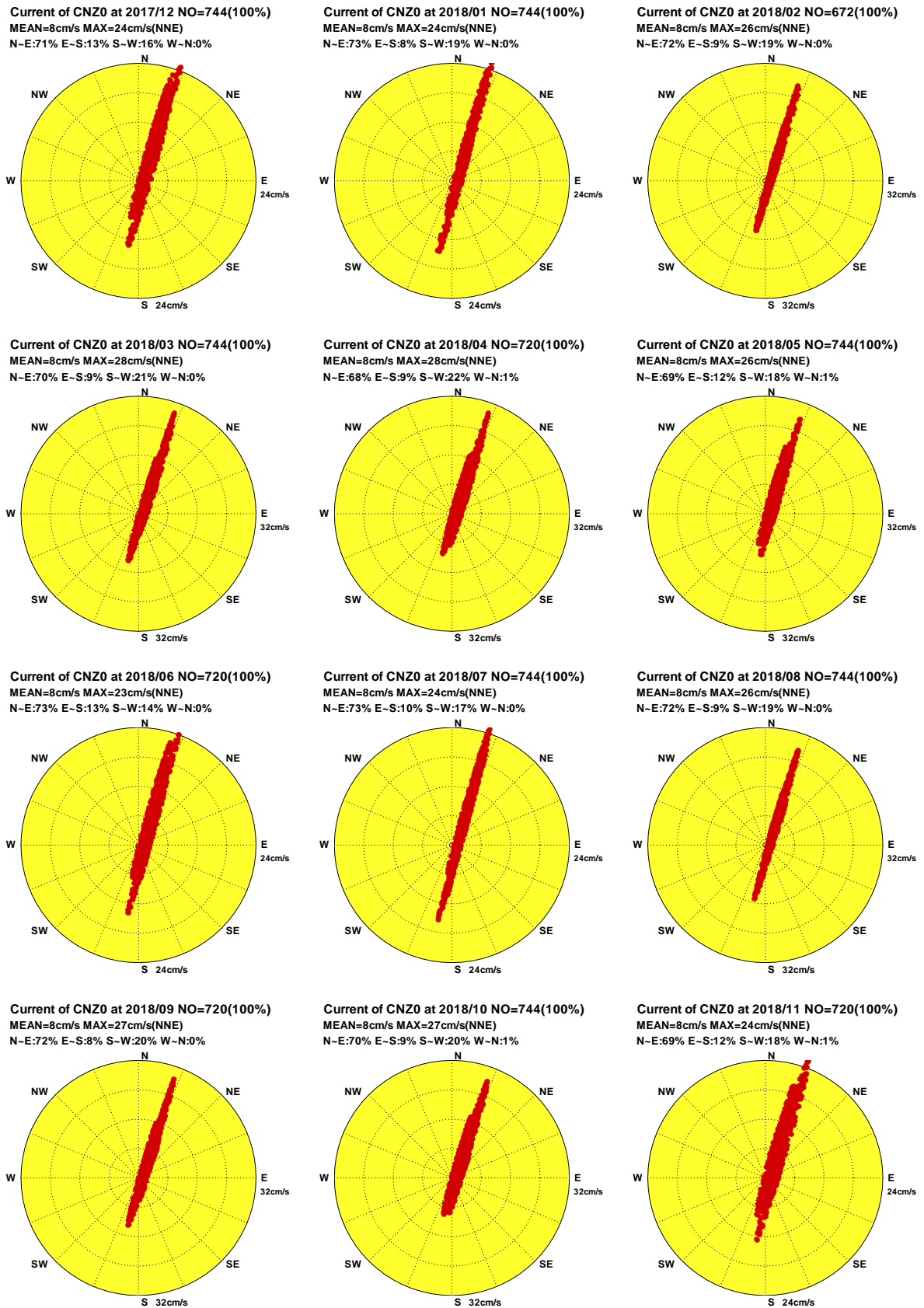


圖4.4.4b 2018年嘉南海域每月測站 Z 計算潮流向量分佈圖

C17CCNZ0.1HD C181CNZ0.1HD C182CNZ0.1HD C183CNZ0.1HD C184CNZ0.1HD C185CNZ0.1HD
 C186CNZ0.1HD C187CNZ0.1HD C188CNZ0.1HD C189CNZ0.1HD C18ACNZ0.1HD C18BCNZ0.1HD

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Distribution of Current Vectors

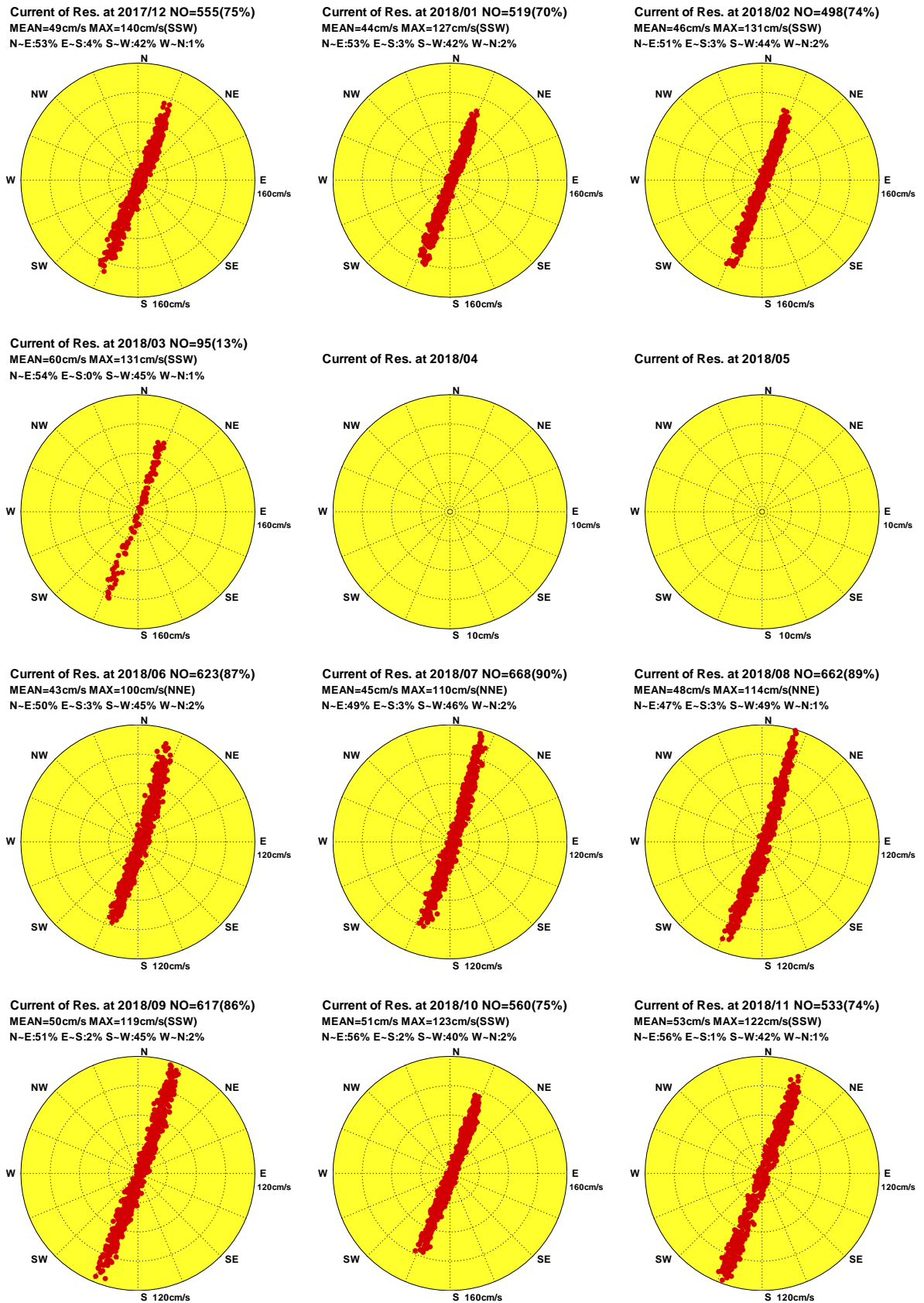


圖4.4.4c 2018年嘉南海域每月測站 Z 計算殘流向量分佈圖

C17CCNZ0.1HR C181CNZ0.1HR C182CNZ0.1HR C183CNZ0.1HR C184CNZ0.1HR C185CNZ0.1HR
 C186CNZ0.1HR C187CNZ0.1HR C188CNZ0.1HR C189CNZ0.1HR C18ACNZ0.1HR C18BCNZ0.1HR

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Distribution of Current Vectors

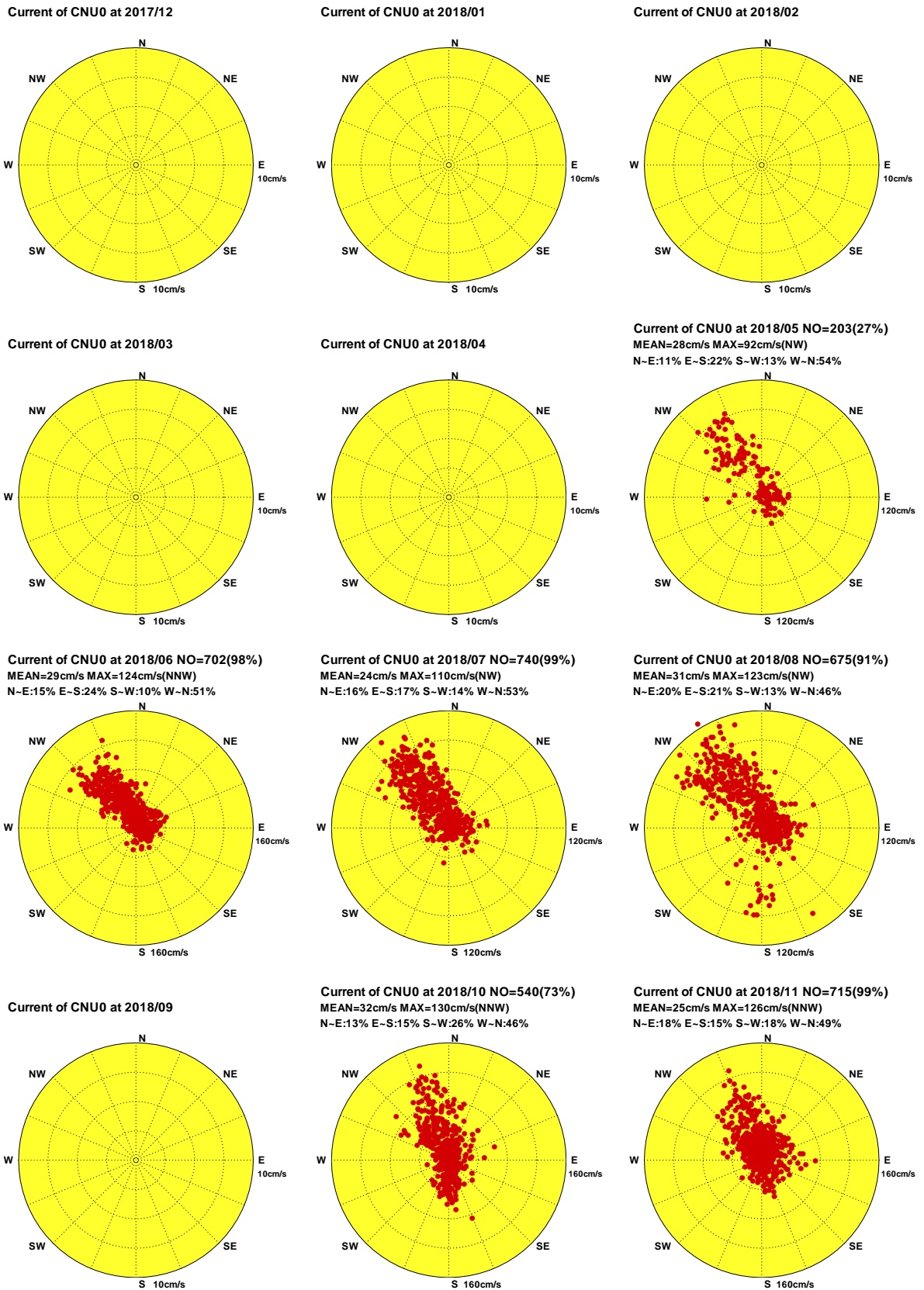


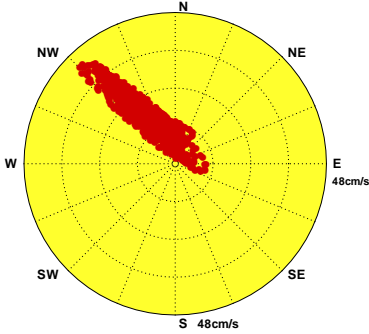
圖4.4.5a 2018年嘉南海域每月測站 U 觀測海流向量分佈圖

C17CCNU0.1H0 C181CNU0.1H0 C182CNU0.1H0 C183CNU0.1H0 C184CNU0.1H0 C185CNU0.1H0
 C186CNU0.1H0 C187CNU0.1H0 C188CNU0.1H0 C189CNU0.1H0 C18ACNU0.1H0 C18BCNU0.1H0

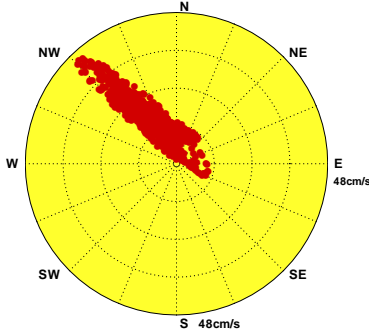
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Distribution of Current Vectors

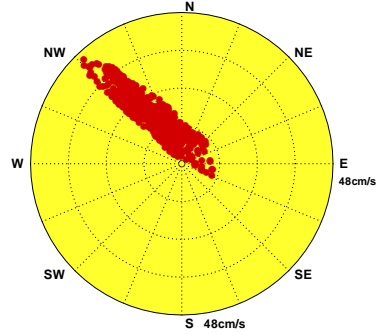
Current of CNU0 at 2017/12 NO=744(100%)
 MEAN=17cm/s MAX=43cm/s(NW)
 N-E:6% E-S:3% S-W:0% W-N:91%



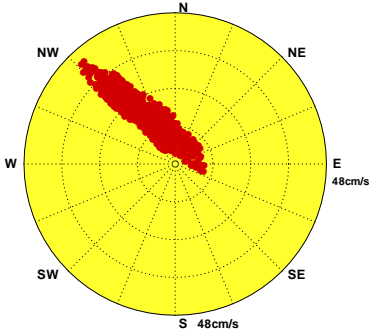
Current of CNU0 at 2018/01 NO=744(100%)
 MEAN=18cm/s MAX=45cm/s(NW)
 N-E:6% E-S:4% S-W:0% W-N:90%



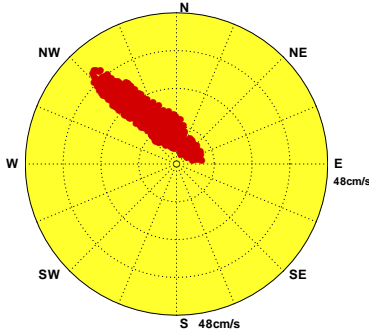
Current of CNU0 at 2018/02 NO=672(100%)
 MEAN=18cm/s MAX=45cm/s(NW)
 N-E:7% E-S:3% S-W:0% W-N:90%



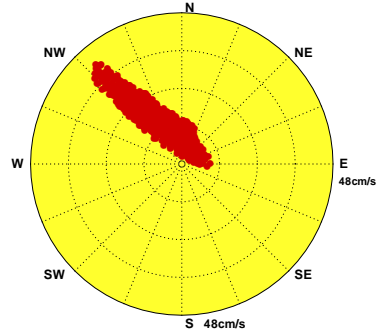
Current of CNU0 at 2018/03 NO=744(100%)
 MEAN=18cm/s MAX=43cm/s(NW)
 N-E:9% E-S:2% S-W:0% W-N:89%



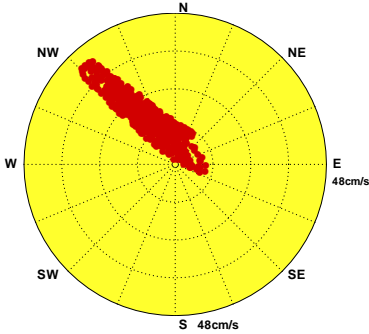
Current of CNU0 at 2018/04 NO=720(100%)
 MEAN=18cm/s MAX=39cm/s(NW)
 N-E:11% E-S:1% S-W:0% W-N:88%



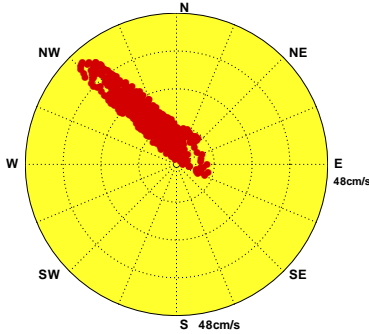
Current of CNU0 at 2018/05 NO=744(100%)
 MEAN=17cm/s MAX=41cm/s(NW)
 N-E:9% E-S:2% S-W:0% W-N:89%



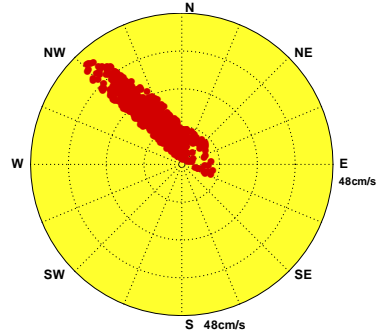
Current of CNU0 at 2018/06 NO=720(100%)
 MEAN=17cm/s MAX=42cm/s(NW)
 N-E:6% E-S:3% S-W:0% W-N:91%



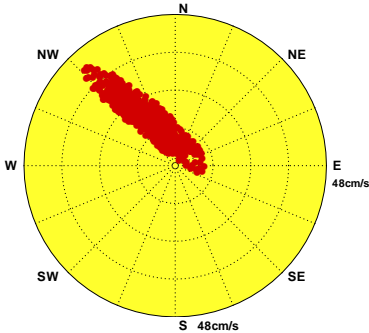
Current of CNU0 at 2018/07 NO=744(100%)
 MEAN=17cm/s MAX=44cm/s(NW)
 N-E:6% E-S:3% S-W:0% W-N:91%



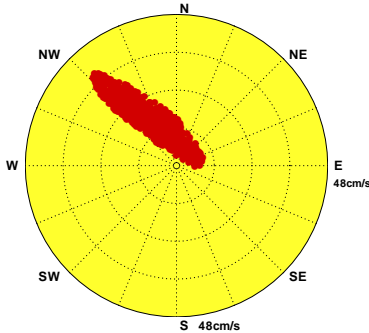
Current of CNU0 at 2018/08 NO=744(100%)
 MEAN=18cm/s MAX=43cm/s(NW)
 N-E:5% E-S:2% S-W:0% W-N:93%



Current of CNU0 at 2018/09 NO=720(100%)
 MEAN=18cm/s MAX=42cm/s(NW)
 N-E:8% E-S:2% S-W:0% W-N:90%



Current of CNU0 at 2018/10 NO=744(100%)
 MEAN=17cm/s MAX=39cm/s(NW)
 N-E:10% E-S:1% S-W:0% W-N:89%



Current of CNU0 at 2018/11 NO=720(100%)
 MEAN=17cm/s MAX=41cm/s(NW)
 N-E:9% E-S:2% S-W:0% W-N:89%

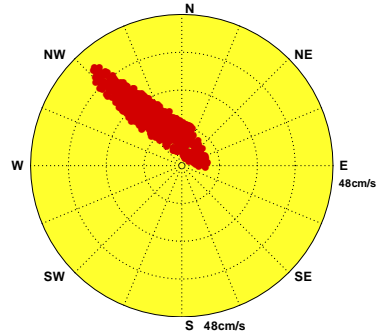


圖4.4.5b 2018年嘉南海域每月測站 U 計算潮流向量分佈圖

C17CCNU0.1HD C181CNU0.1HD C182CNU0.1HD C183CNU0.1HD C184CNU0.1HD C185CNU0.1HD
 C186CNU0.1HD C187CNU0.1HD C188CNU0.1HD C189CNU0.1HD C18ACNU0.1HD C18BCNU0.1HD

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Distribution of Current Vectors

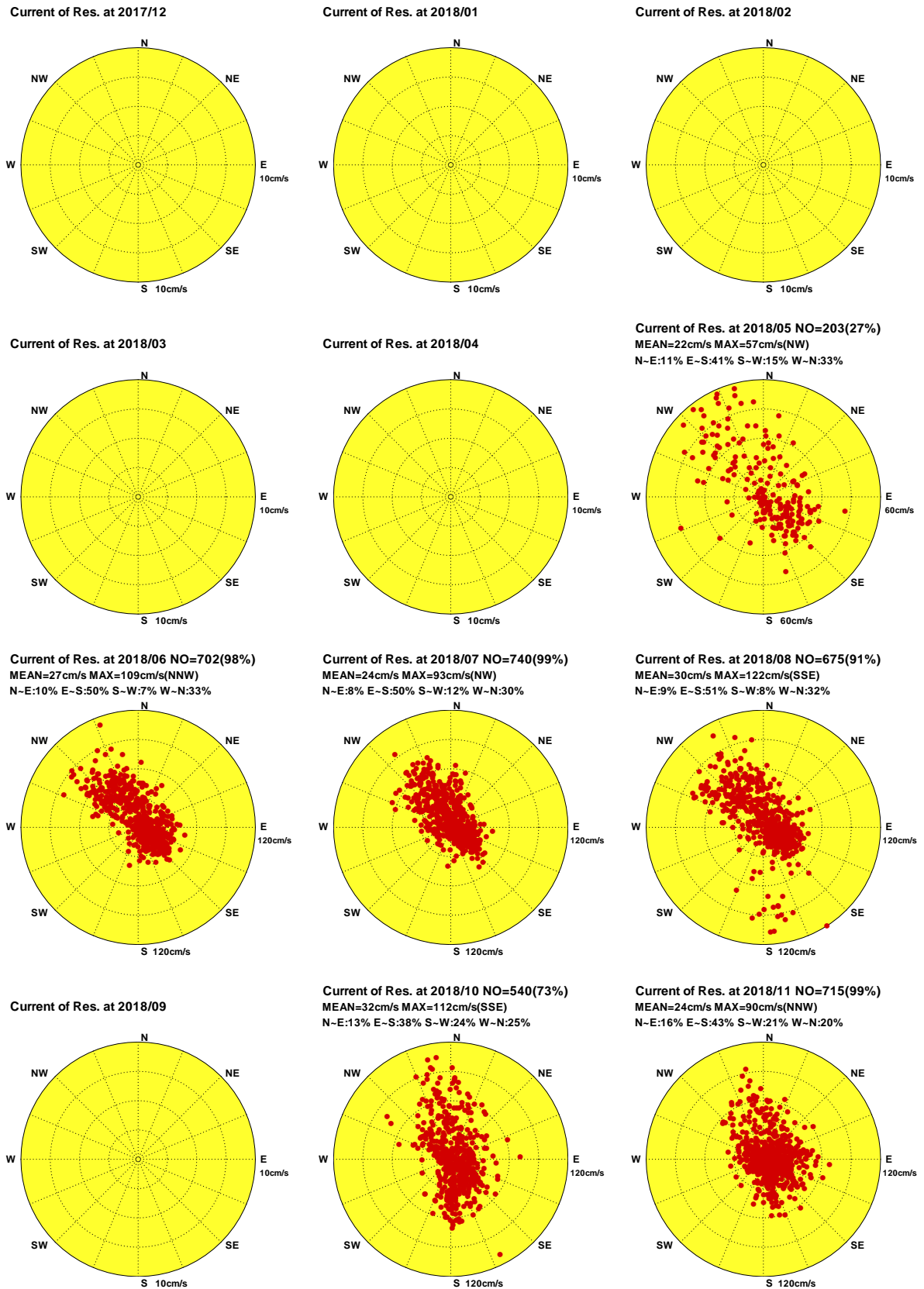


圖4.4.5c 2018年嘉南海域每月測站 U 計算殘流向量分佈圖

C17CCNU0.1HR C181CNU0.1HR C182CNU0.1HR C183CNU0.1HR C184CNU0.1HR C185CNU0.1HR
C186CNU0.1HR C187CNU0.1HR C188CNU0.1HR C189CNU0.1HR C18ACNU0.1HR C18BCNU0.1HR

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4.5 2018 年嘉南海域各測站觀測海流與 計算潮流(殘流)向量行進圖

Progressive Vector Diagram of Current

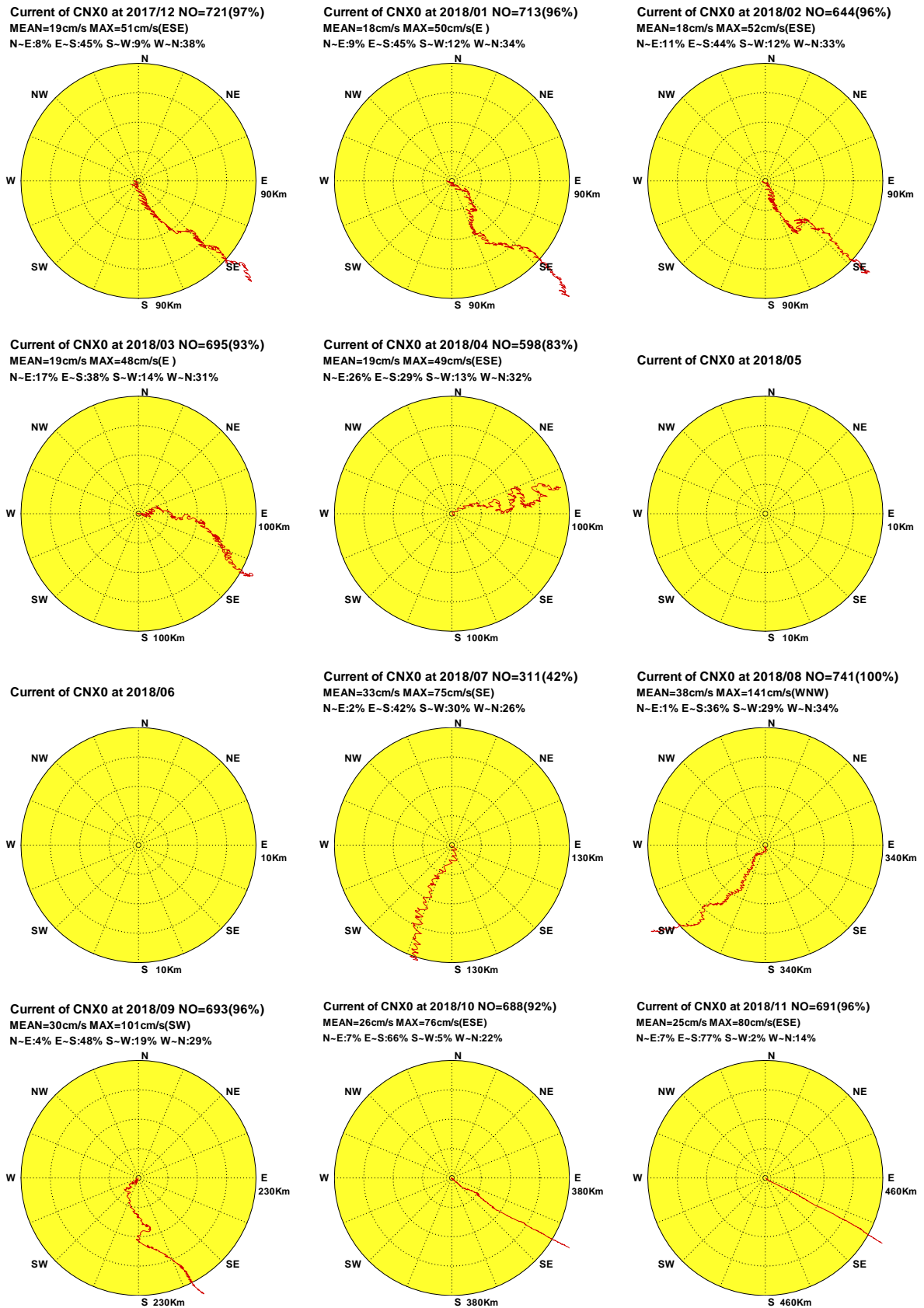


圖4.5.1a 2018年嘉南海域每月測站 X 觀測海流向量行進圖

C17CCNX0.1H0 C181CNX0.1H0 C182CNX0.1H0 C183CNX0.1H0 C184CNX0.1H0 C185CNX0.1H0
C186CNX0.1H0 C187CNX0.1H0 C188CNX0.1H0 C189CNX0.1H0 C18ACNX0.1H0 C18BCNX0.1H0

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Progressive Vector Diagram of Current

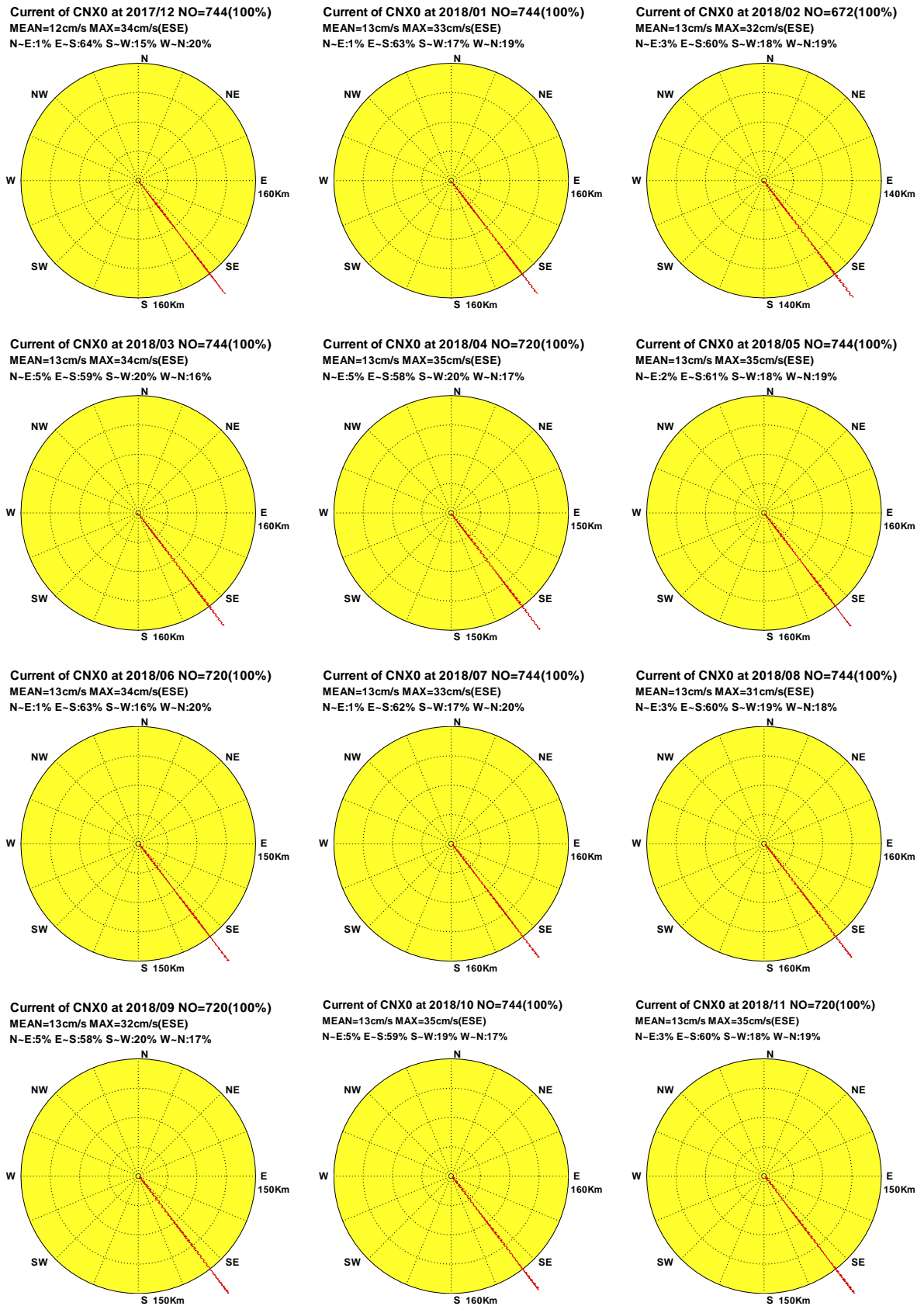


圖4.5.1b 2018年嘉南海域每月測站 X 計算潮流向量行進圖

C17CCNX0.1HD C181CNX0.1HD C182CNX0.1HD C183CNX0.1HD C184CNX0.1HD C185CNX0.1HD
 C186CNX0.1HD C187CNX0.1HD C188CNX0.1HD C189CNX0.1HD C18ACNX0.1HD C18BCNX0.1HD

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Progressive Vector Diagram of Current

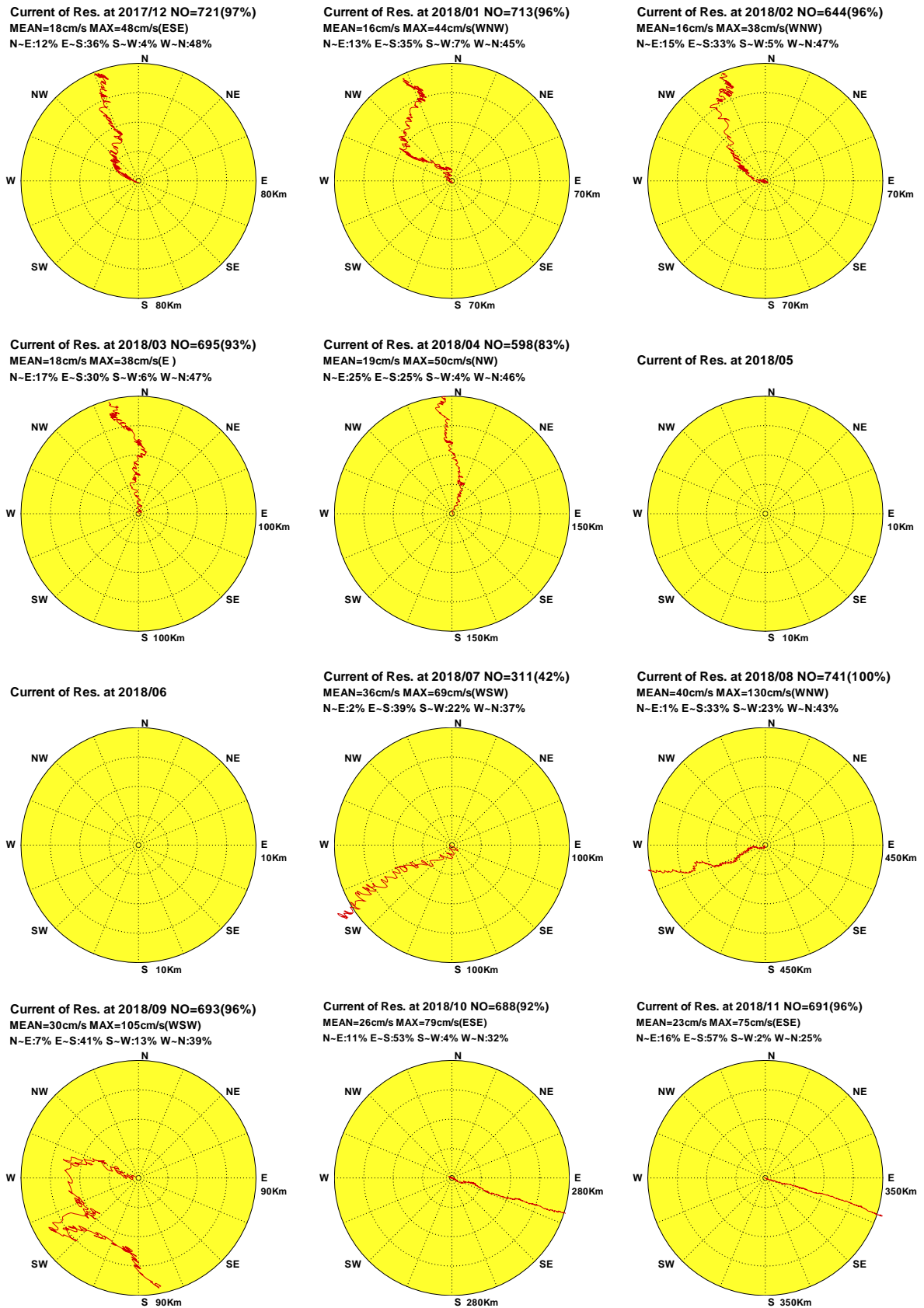


圖4.5.1c 2018年嘉南海域每月測站 X 計算殘流向量行進圖

C17CCNX0.1HR C181CNX0.1HR C182CNX0.1HR C183CNX0.1HR C184CNX0.1HR C185CNX0.1HR
C186CNX0.1HR C187CNX0.1HR C188CNX0.1HR C189CNX0.1HR C18ACNX0.1HR C18BCNX0.1HR

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Progressive Vector Diagram of Current

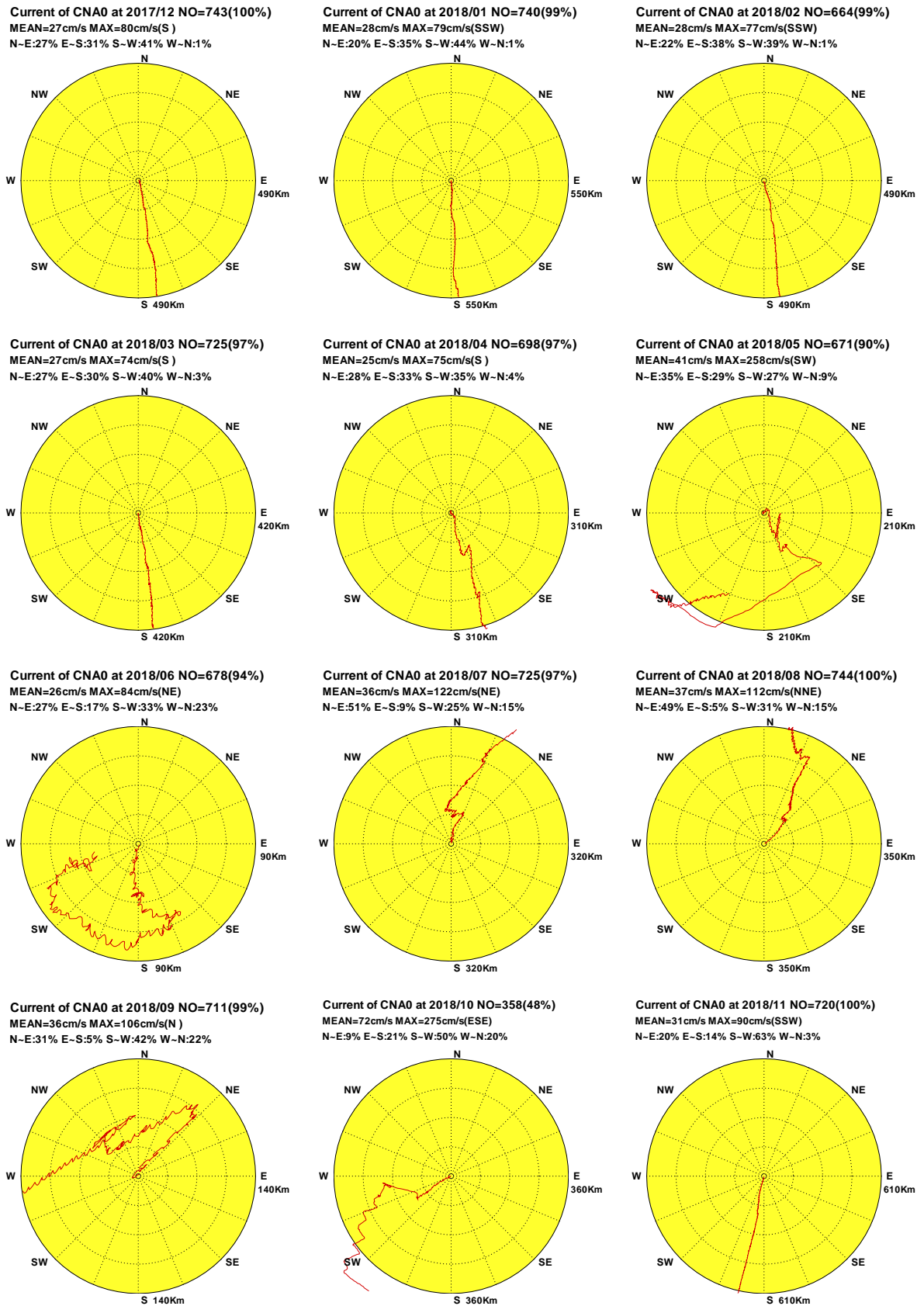


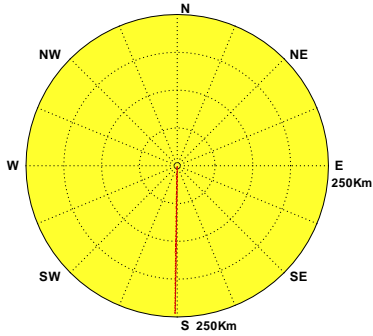
圖4.5.2a 2018年嘉南海域每月測站 A 觀測海流向量行進圖

C17CCNA0.1HO C181CNA0.1HO C182CNA0.1HO C183CNA0.1HO C184CNA0.1HO C185CNA0.1HO
C186CNA0.1HO C187CNA0.1HO C188CNA0.1HO C189CNA0.1HO C18ACNA0.1HO C18BCNA0.1HO

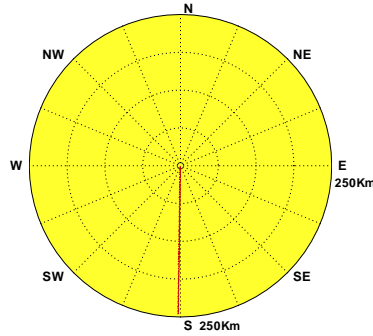
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Progressive Vector Diagram of Current

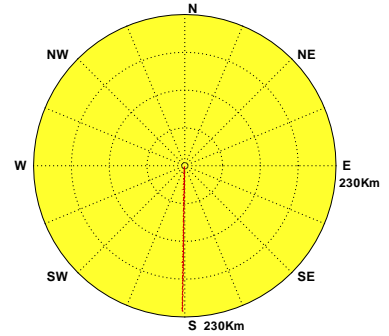
Current of CNA0 at 2017/12 NO=744(100%)
MEAN=12cm/s MAX=26cm/s(S)
N-E:22% E-S:28% S-W:48% W-N:2%



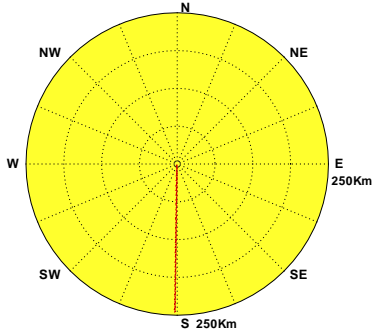
Current of CNA0 at 2018/01 NO=744(100%)
MEAN=12cm/s MAX=26cm/s(SSW)
N-E:22% E-S:27% S-W:49% W-N:2%



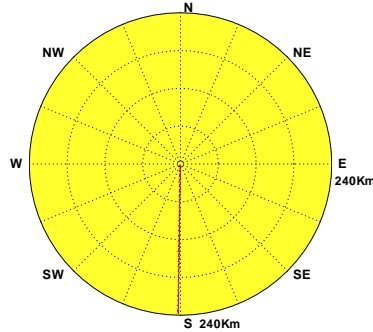
Current of CNA0 at 2018/02 NO=672(100%)
MEAN=12cm/s MAX=26cm/s(S)
N-E:20% E-S:30% S-W:49% W-N:1%



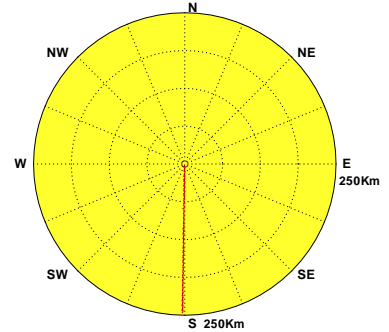
Current of CNA0 at 2018/03 NO=744(100%)
MEAN=13cm/s MAX=27cm/s(S)
N-E:21% E-S:29% S-W:47% W-N:3%



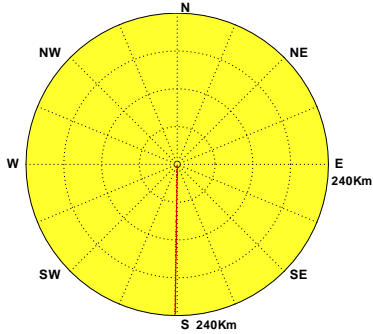
Current of CNA0 at 2018/04 NO=720(100%)
MEAN=13cm/s MAX=27cm/s(S)
N-E:21% E-S:30% S-W:47% W-N:2%



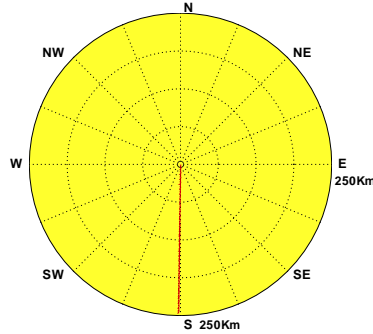
Current of CNA0 at 2018/05 NO=744(100%)
MEAN=13cm/s MAX=27cm/s(S)
N-E:22% E-S:28% S-W:48% W-N:2%



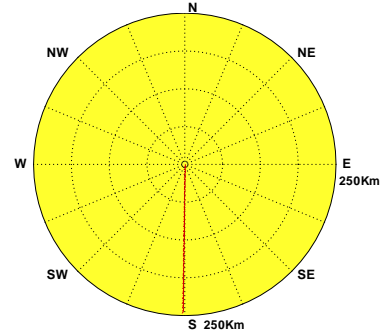
Current of CNA0 at 2018/06 NO=720(100%)
MEAN=12cm/s MAX=26cm/s(SSW)
N-E:22% E-S:27% S-W:49% W-N:2%



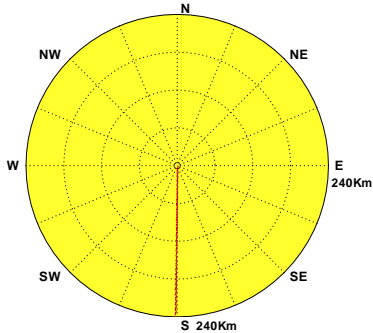
Current of CNA0 at 2018/07 NO=744(100%)
MEAN=12cm/s MAX=26cm/s(S)
N-E:22% E-S:28% S-W:48% W-N:2%



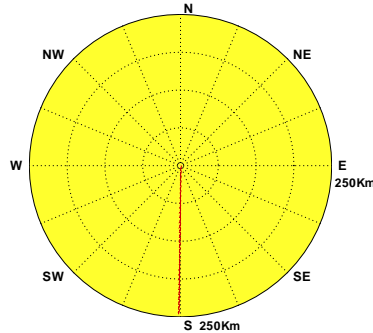
Current of CNA0 at 2018/08 NO=744(100%)
MEAN=12cm/s MAX=26cm/s(S)
N-E:21% E-S:28% S-W:49% W-N:2%



Current of CNA0 at 2018/09 NO=720(100%)
MEAN=12cm/s MAX=27cm/s(S)
N-E:20% E-S:30% S-W:48% W-N:2%



Current of CNA0 at 2018/10 NO=744(100%)
MEAN=13cm/s MAX=27cm/s(S)
N-E:20% E-S:30% S-W:47% W-N:3%



Current of CNA0 at 2018/11 NO=720(100%)
MEAN=12cm/s MAX=27cm/s(SSW)
N-E:21% E-S:28% S-W:49% W-N:2%

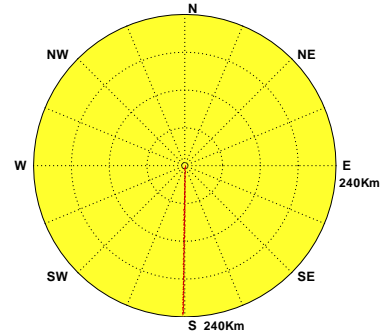


圖4.5.2b 2018年嘉南海域每月測站 A 計算潮流向量行進圖

C17CCNA0.1HD C181CNA0.1HD C182CNA0.1HD C183CNA0.1HD C184CNA0.1HD C185CNA0.1HD
C186CNA0.1HD C187CNA0.1HD C188CNA0.1HD C189CNA0.1HD C18ACNA0.1HD C18BCNA0.1HD

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Progressive Vector Diagram of Current

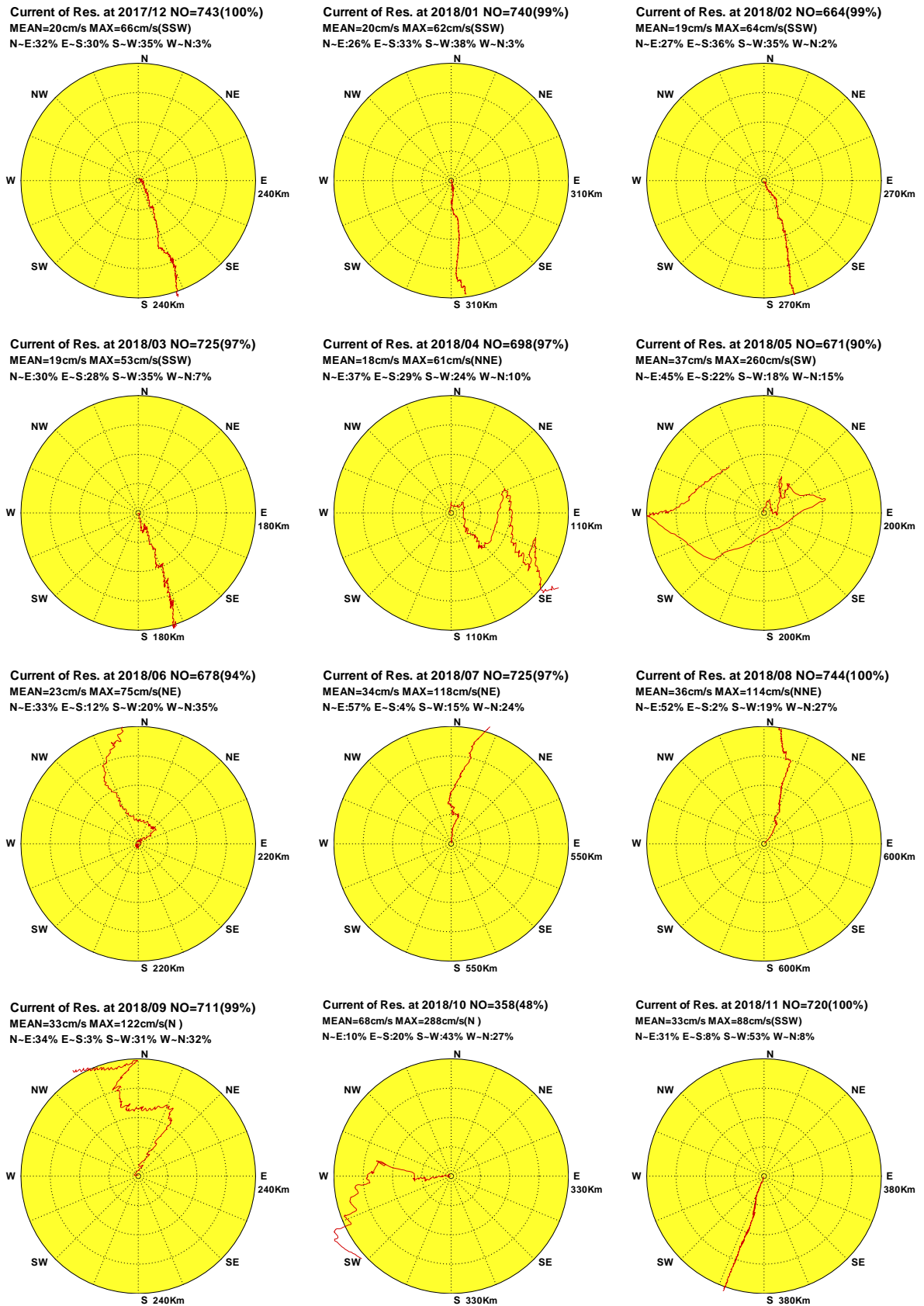


圖4.5.2c 2018年嘉南海域每月測站 A 計算殘流向量行進圖

C17CCNA0.1HR C181CNA0.1HR C182CNA0.1HR C183CNA0.1HR C184CNA0.1HR C185CNA0.1HR
 C186CNA0.1HR C187CNA0.1HR C188CNA0.1HR C189CNA0.1HR C18ACNA0.1HR C18BCNA0.1HR

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Progressive Vector Diagram of Current

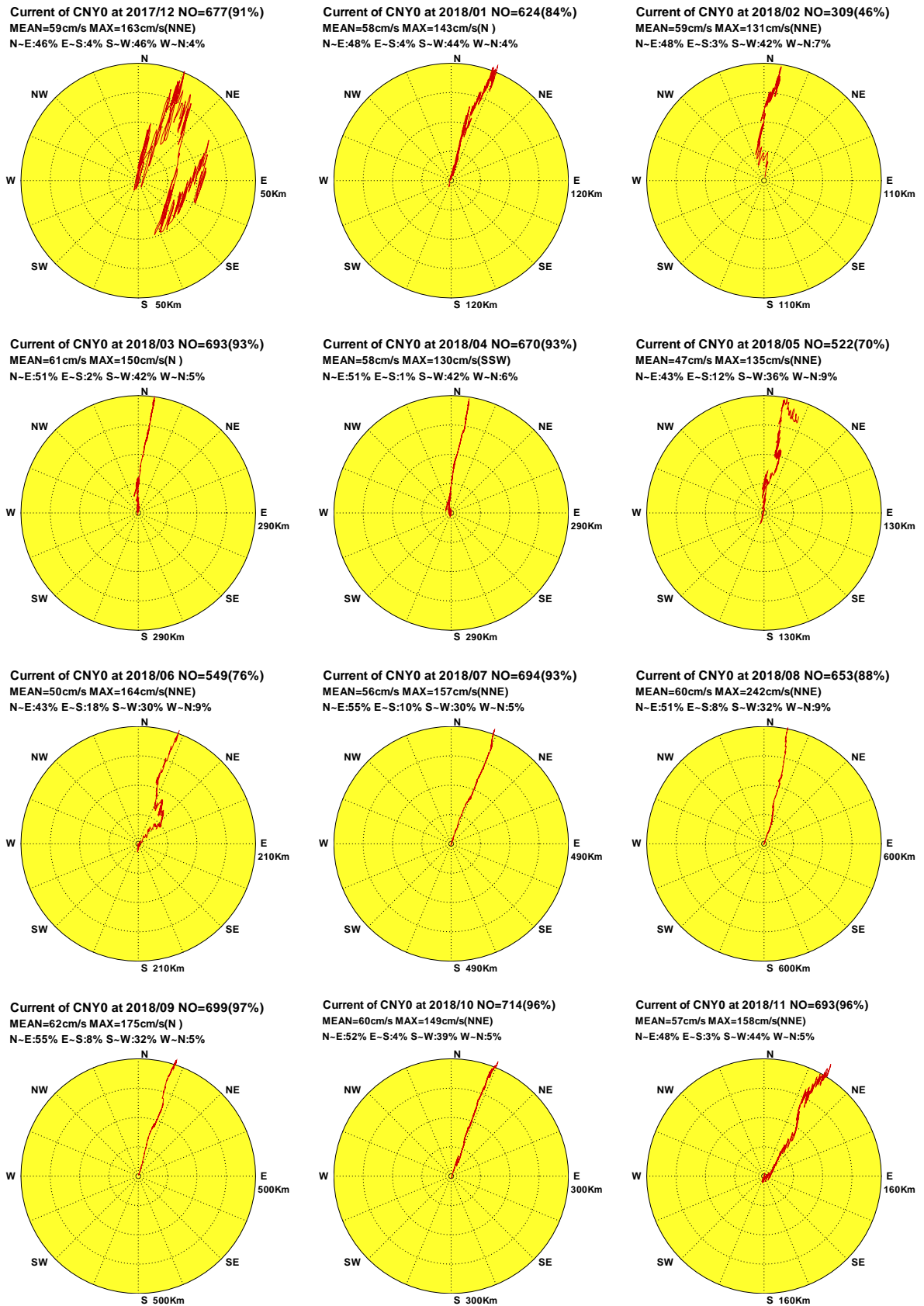


圖4.5.3a 2018年嘉南海域每月測站 Y 觀測海流向量行進圖

C17CCNY0.1H0 C181CNY0.1H0 C182CNY0.1H0 C183CNY0.1H0 C184CNY0.1H0 C185CNY0.1H0
C186CNY0.1H0 C187CNY0.1H0 C188CNY0.1H0 C189CNY0.1H0 C18ACNY0.1H0 C18BCNY0.1H0

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Progressive Vector Diagram of Current

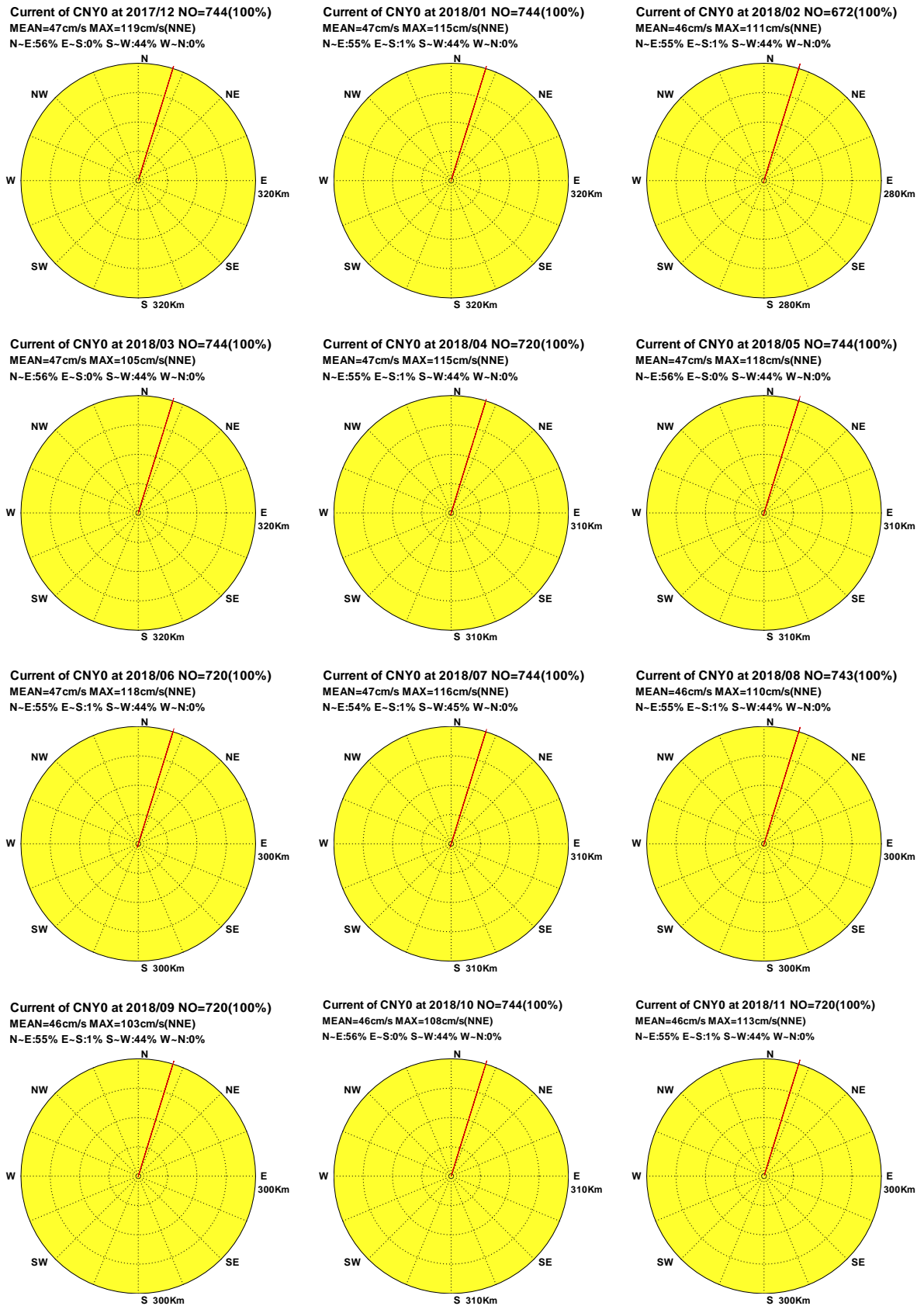


圖4.5.3b 2018年嘉南海域每月測站 Y 計算潮流向量行進圖

C17CCNY0.1HD C181CNY0.1HD C182CNY0.1HD C183CNY0.1HD C184CNY0.1HD C185CNY0.1HD
 C186CNY0.1HD C187CNY0.1HD C188CNY0.1HD C189CNY0.1HD C18ACNY0.1HD C18BCNY0.1HD

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Progressive Vector Diagram of Current

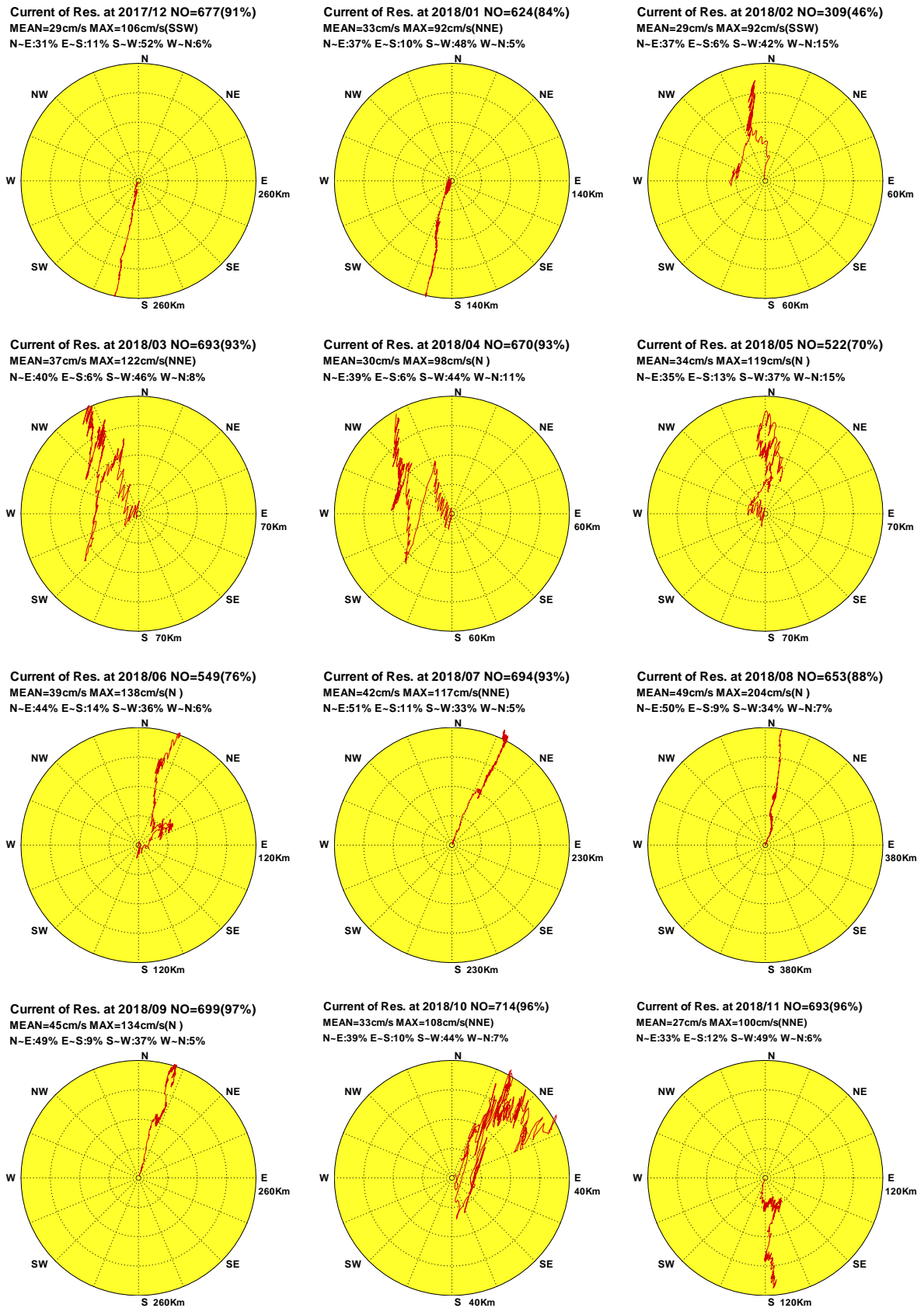


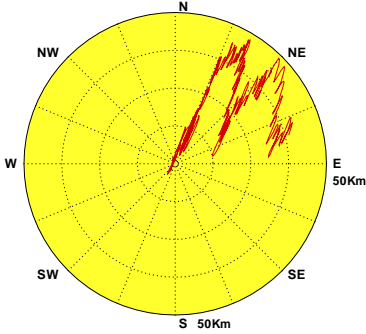
圖4.5.3c 2018年嘉南海域每月測站 Y 計算殘流向量行進圖

C17CCNY0.1HR C181CNY0.1HR C182CNY0.1HR C183CNY0.1HR C184CNY0.1HR C185CNY0.1HR
 C186CNY0.1HR C187CNY0.1HR C188CNY0.1HR C189CNY0.1HR C18ACNY0.1HR C18BCNY0.1HR

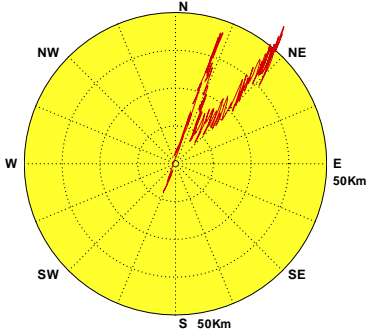
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Progressive Vector Diagram of Current

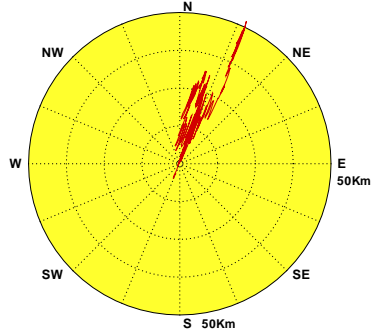
Current of CNZ0 at 2017/12 NO=555(75%)
 MEAN=47cm/s MAX=129cm/s(SSW)
 N-E:55% E-S:3% S-W:40% W-N:2%



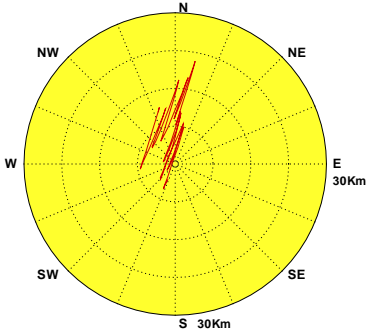
Current of CNZ0 at 2018/01 NO=519(70%)
 MEAN=42cm/s MAX=113cm/s(SSW)
 N-E:56% E-S:3% S-W:39% W-N:2%



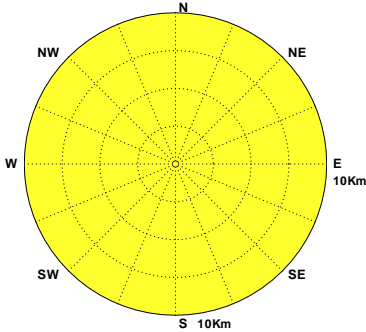
Current of CNZ0 at 2018/02 NO=498(74%)
 MEAN=44cm/s MAX=115cm/s(SSW)
 N-E:55% E-S:3% S-W:39% W-N:3%



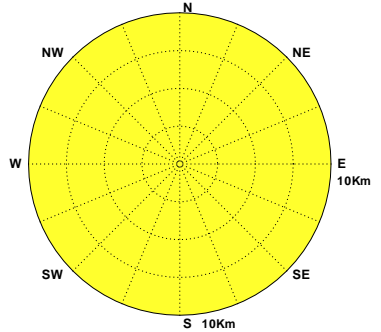
Current of CNZ0 at 2018/03 NO=95(13%)
 MEAN=58cm/s MAX=113cm/s(SSW)
 N-E:56% E-S:1% S-W:40% W-N:3%



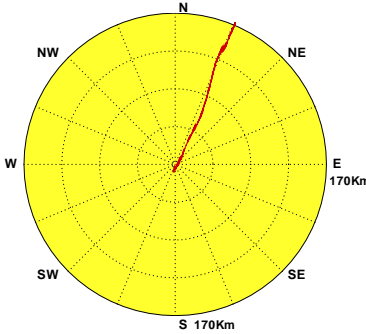
Current of CNZ0 at 2018/04



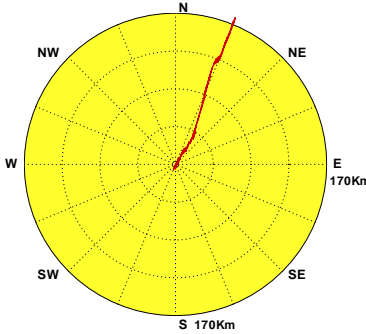
Current of CNZ0 at 2018/05



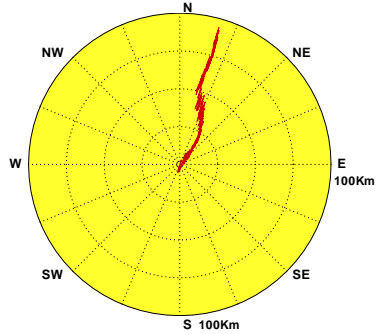
Current of CNZ0 at 2018/06 NO=623(87%)
 MEAN=39cm/s MAX=99cm/s(NNE)
 N-E:54% E-S:3% S-W:42% W-N:1%



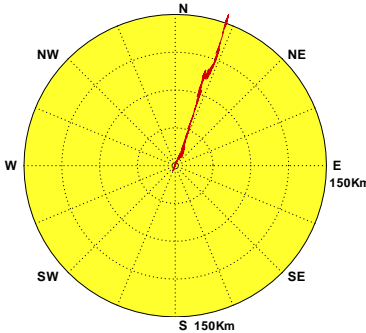
Current of CNZ0 at 2018/07 NO=668(90%)
 MEAN=41 cm/s MAX=110cm/s(NNE)
 N-E:53% E-S:4% S-W:42% W-N:1%



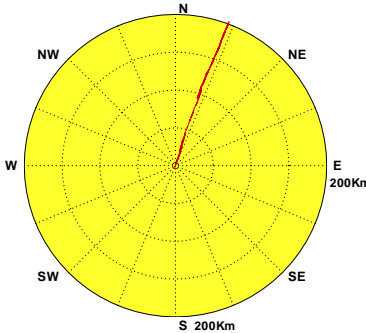
Current of CNZ0 at 2018/08 NO=662(89%)
 MEAN=44cm/s MAX=112cm/s(NNE)
 N-E:50% E-S:4% S-W:45% W-N:1%



Current of CNZ0 at 2018/09 NO=617(86%)
 MEAN=47cm/s MAX=104cm/s(NNE)
 N-E:53% E-S:3% S-W:43% W-N:1%



Current of CNZ0 at 2018/10 NO=560(75%)
 MEAN=49cm/s MAX=111cm/s(SSW)
 N-E:58% E-S:2% S-W:38% W-N:2%



Current of CNZ0 at 2018/11 NO=533(74%)
 MEAN=51cm/s MAX=110cm/s(SSW)
 N-E:57% E-S:1% S-W:40% W-N:2%

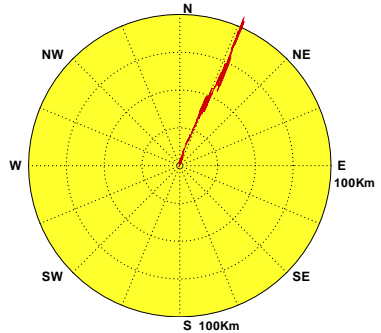


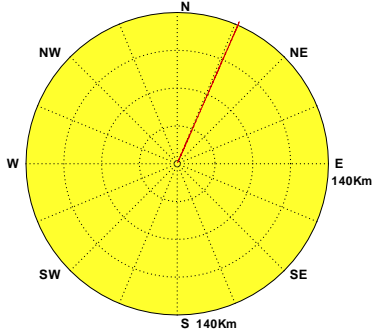
圖4.5.4a 2018年嘉南海域每月測站 Z 觀測海流向量行進圖

C17CCNZ0.1HO C181CNZ0.1HO C182CNZ0.1HO C183CNZ0.1HO C184CNZ0.1HO C185CNZ0.1HO
 C186CNZ0.1HO C187CNZ0.1HO C188CNZ0.1HO C189CNZ0.1HO C18ACNZ0.1HO C18BCNZ0.1HO

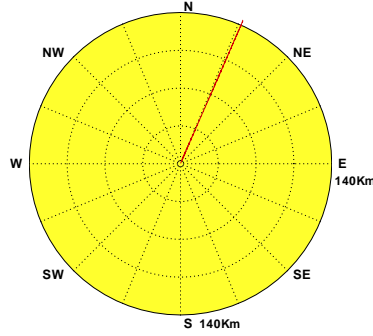
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Progressive Vector Diagram of Current

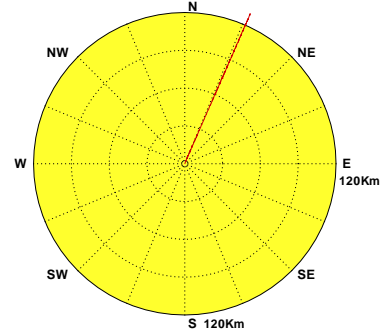
Current of CNZ0 at 2017/12 NO=744(100%)
MEAN=8cm/s MAX=24cm/s(NNE)
N-E:71% E-S:13% S-W:16% W-N:0%



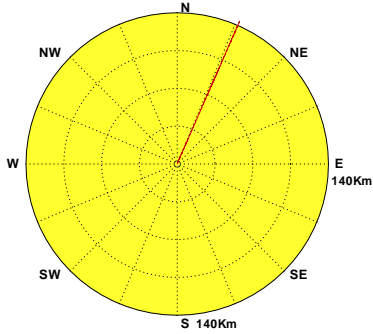
Current of CNZ0 at 2018/01 NO=744(100%)
MEAN=8cm/s MAX=24cm/s(NNE)
N-E:73% E-S:8% S-W:19% W-N:0%



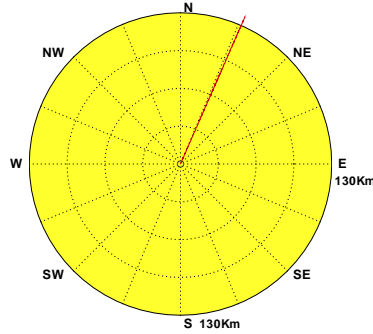
Current of CNZ0 at 2018/02 NO=672(100%)
MEAN=8cm/s MAX=26cm/s(NNE)
N-E:72% E-S:9% S-W:19% W-N:0%



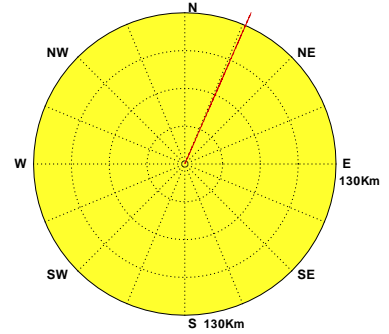
Current of CNZ0 at 2018/03 NO=744(100%)
MEAN=8cm/s MAX=28cm/s(NNE)
N-E:70% E-S:9% S-W:21% W-N:0%



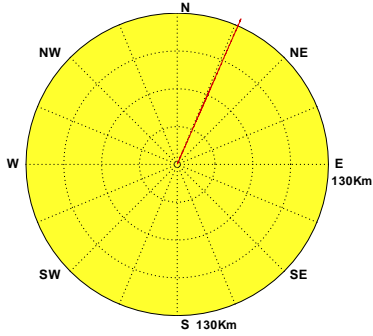
Current of CNZ0 at 2018/04 NO=720(100%)
MEAN=8cm/s MAX=28cm/s(NNE)
N-E:68% E-S:9% S-W:22% W-N:1%



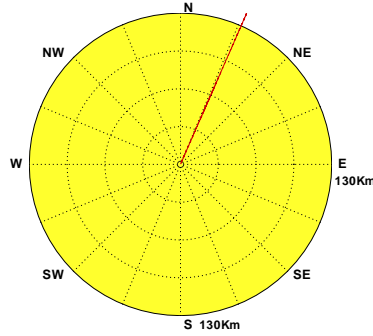
Current of CNZ0 at 2018/05 NO=744(100%)
MEAN=8cm/s MAX=26cm/s(NNE)
N-E:69% E-S:12% S-W:18% W-N:1%



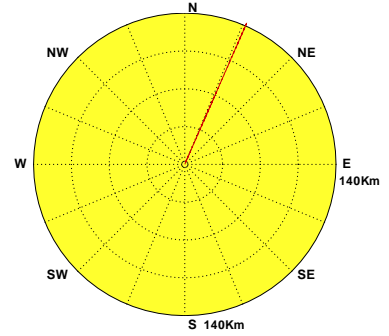
Current of CNZ0 at 2018/06 NO=720(100%)
MEAN=8cm/s MAX=23cm/s(NNE)
N-E:73% E-S:13% S-W:14% W-N:0%



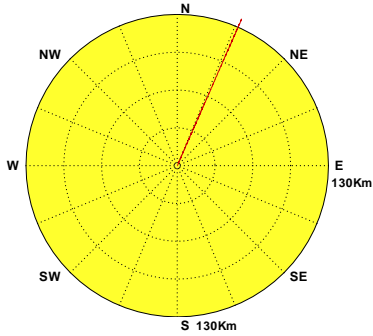
Current of CNZ0 at 2018/07 NO=744(100%)
MEAN=8cm/s MAX=24cm/s(NNE)
N-E:73% E-S:10% S-W:17% W-N:0%



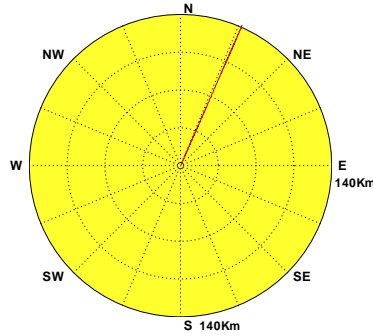
Current of CNZ0 at 2018/08 NO=744(100%)
MEAN=8cm/s MAX=26cm/s(NNE)
N-E:72% E-S:9% S-W:19% W-N:0%



Current of CNZ0 at 2018/09 NO=720(100%)
MEAN=8cm/s MAX=27cm/s(NNE)
N-E:72% E-S:8% S-W:20% W-N:0%



Current of CNZ0 at 2018/10 NO=744(100%)
MEAN=8cm/s MAX=27cm/s(NNE)
N-E:70% E-S:9% S-W:20% W-N:1%



Current of CNZ0 at 2018/11 NO=720(100%)
MEAN=8cm/s MAX=24cm/s(NNE)
N-E:69% E-S:12% S-W:18% W-N:1%

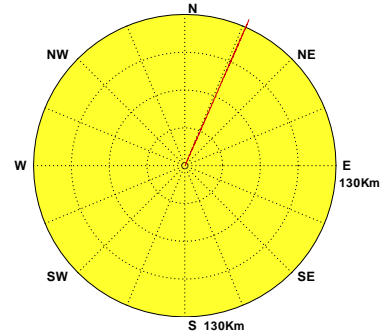


圖4.5.4b 2018年嘉南海域每月測站 Z 計算潮流向量行進圖

C17CCNZ0.1HD C181CNZ0.1HD C182CNZ0.1HD C183CNZ0.1HD C184CNZ0.1HD C185CNZ0.1HD
C186CNZ0.1HD C187CNZ0.1HD C188CNZ0.1HD C189CNZ0.1HD C18ACNZ0.1HD C18BCNZ0.1HD

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Progressive Vector Diagram of Current

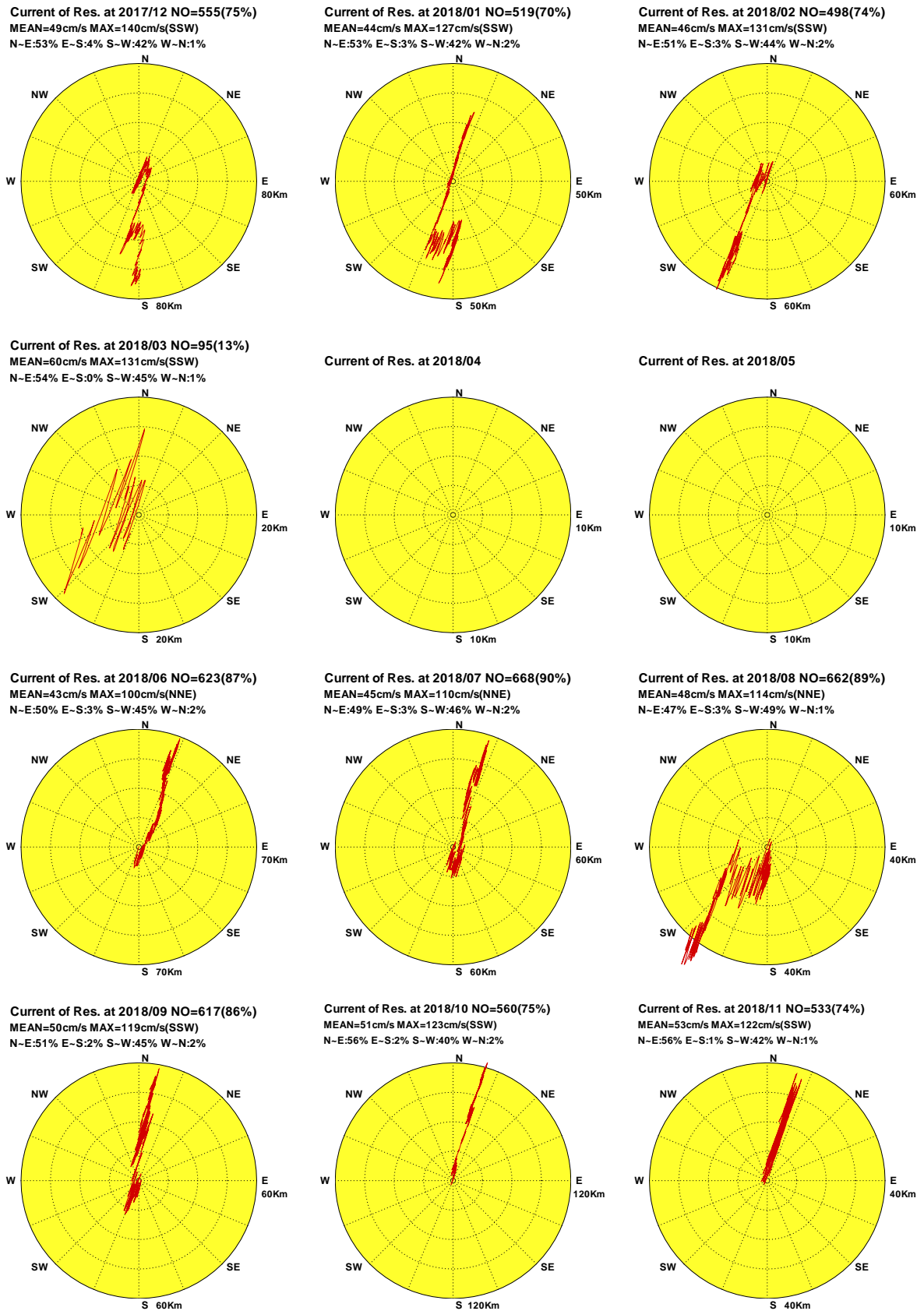


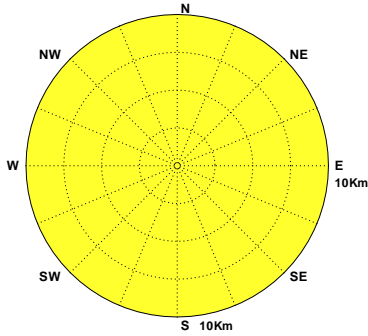
圖4.5.4c 2018年嘉南海域每月測站 Z 計算殘流向量行進圖

C17CCNZ0.1HR C181CNZ0.1HR C182CNZ0.1HR C183CNZ0.1HR C184CNZ0.1HR C185CNZ0.1HR
 C186CNZ0.1HR C187CNZ0.1HR C188CNZ0.1HR C189CNZ0.1HR C18ACNZ0.1HR C18BCNZ0.1HR

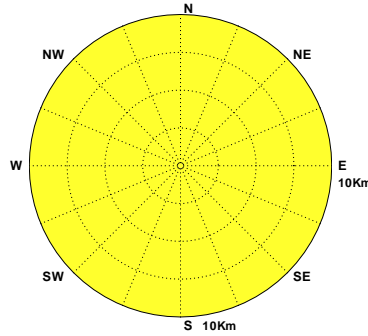
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Progressive Vector Diagram of Current

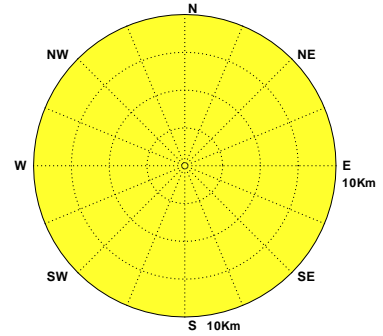
Current of CNU0 at 2017/12



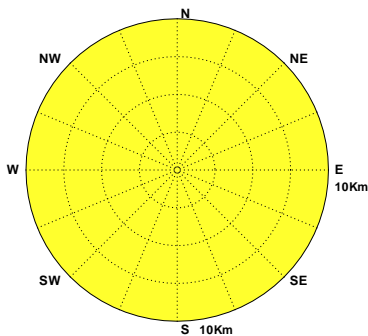
Current of CNU0 at 2018/01



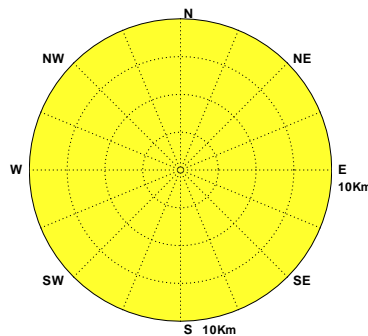
Current of CNU0 at 2018/02



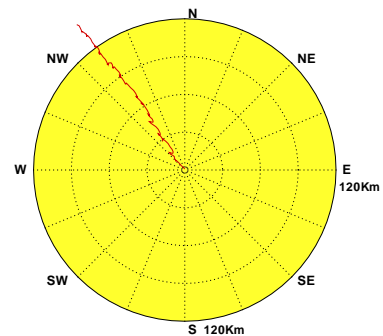
Current of CNU0 at 2018/03



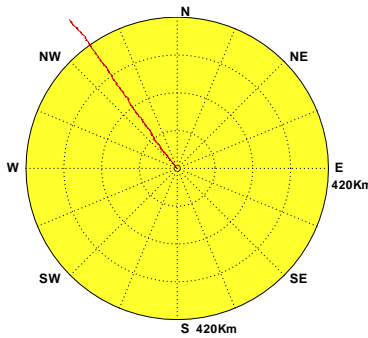
Current of CNU0 at 2018/04



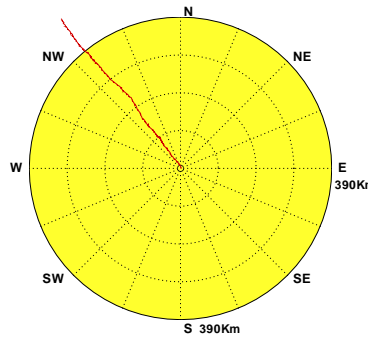
Current of CNU0 at 2018/05 NO=203(27%)
MEAN=28cm/s MAX=92cm/s(NW)
N-E:11% E-S:22% S-W:13% W-N:54%



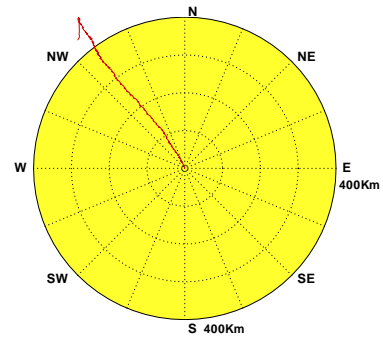
Current of CNU0 at 2018/06 NO=702(98%)
MEAN=29cm/s MAX=124cm/s(NNW)
N-E:15% E-S:24% S-W:10% W-N:51%



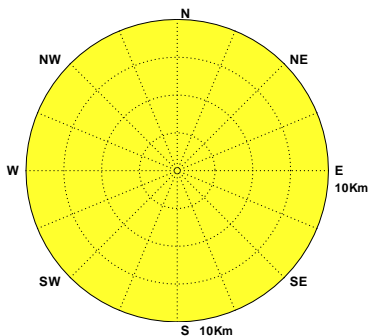
Current of CNU0 at 2018/07 NO=740(99%)
MEAN=24cm/s MAX=110cm/s(NW)
N-E:16% E-S:17% S-W:14% W-N:53%



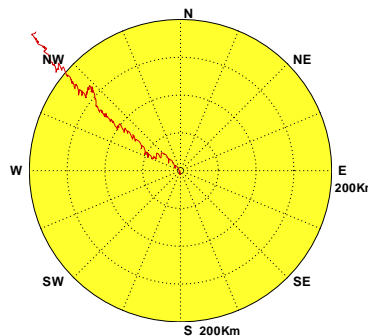
Current of CNU0 at 2018/08 NO=675(91%)
MEAN=31cm/s MAX=123cm/s(NW)
N-E:20% E-S:21% S-W:13% W-N:46%



Current of CNU0 at 2018/09



Current of CNU0 at 2018/10 NO=540(73%)
MEAN=32cm/s MAX=130cm/s(NNW)
N-E:13% E-S:15% S-W:26% W-N:46%



Current of CNU0 at 2018/11 NO=715(99%)
MEAN=25cm/s MAX=126cm/s(NNW)
N-E:18% E-S:15% S-W:18% W-N:49%

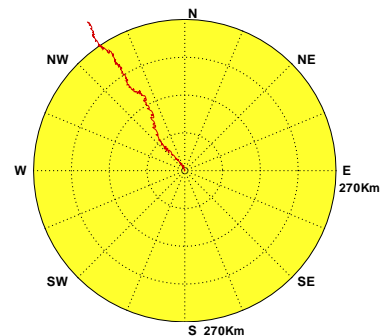


圖4.5.5a 2018年嘉南海域每月測站 U 觀測海流向量行進圖

C17CCNU0.1H0 C181CNU0.1H0 C182CNU0.1H0 C183CNU0.1H0 C184CNU0.1H0 C185CNU0.1H0
C186CNU0.1H0 C187CNU0.1H0 C188CNU0.1H0 C189CNU0.1H0 C18ACNU0.1H0 C18BCNU0.1H0

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Progressive Vector Diagram of Current

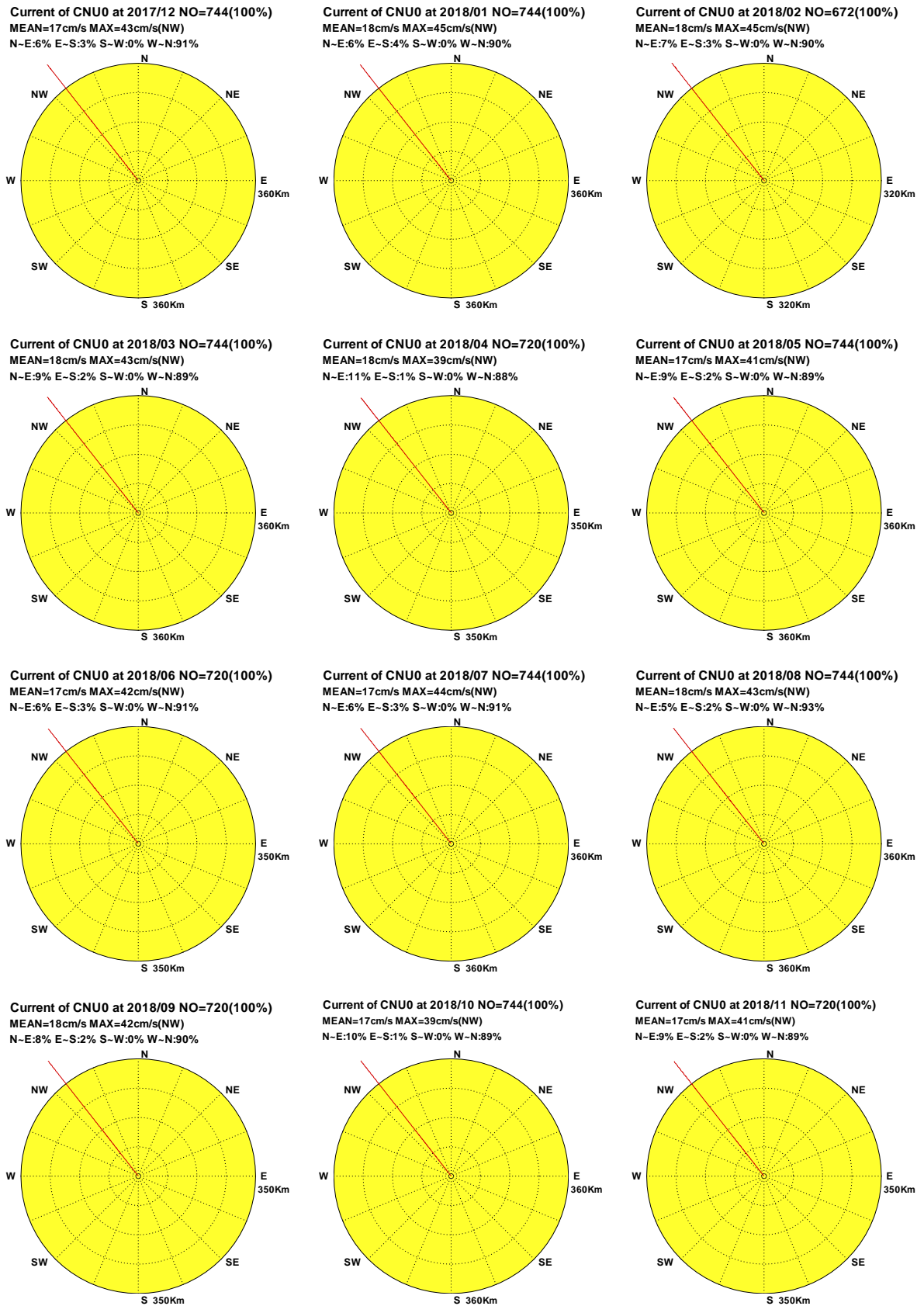


圖4.5.5b 2018年嘉南海域每月測站 U 計算潮流向量行進圖

C17CCNU0.1HD C181CNU0.1HD C182CNU0.1HD C183CNU0.1HD C184CNU0.1HD C185CNU0.1HD
 C186CNU0.1HD C187CNU0.1HD C188CNU0.1HD C189CNU0.1HD C18ACNU0.1HD C18BCNU0.1HD

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Progressive Vector Diagram of Current

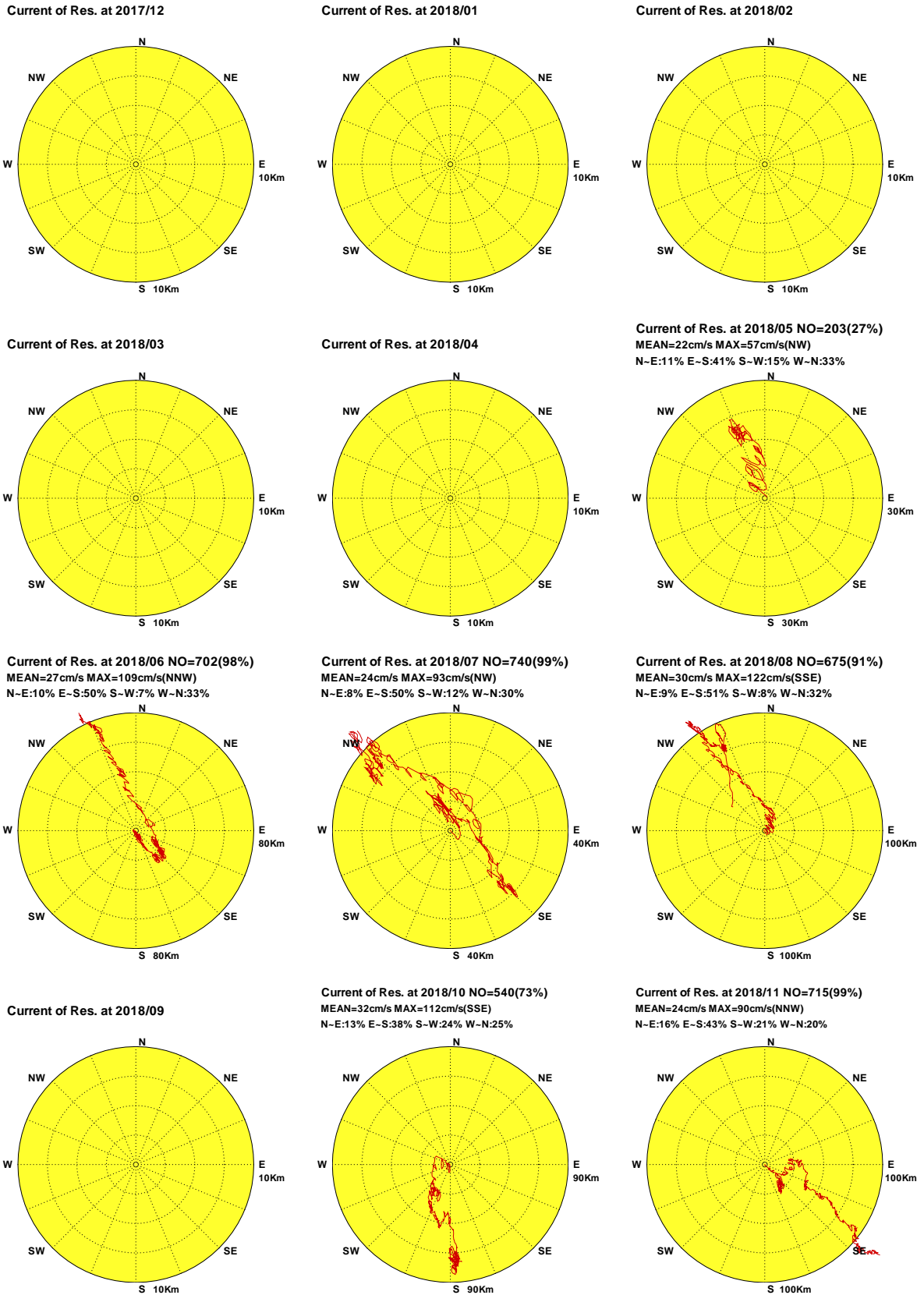


圖4.5.5c 2018年嘉南海域每月測站 U 計算殘流向量行進圖

C17CCNU0.1HR C181CNU0.1HR C182CNU0.1HR C183CNU0.1HR C184CNU0.1HR C185CNU0.1HR
 C186CNU0.1HR C187CNU0.1HR C188CNU0.1HR C189CNU0.1HR C18ACNU0.1HR C18BCNU0.1HR

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