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2018 年港灣環境資訊網
海氣象觀測資料年報
(臺東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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著者：蘇青和、李俊穎、傅怡釗
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摘要： 本港灣環境資訊網觀測海氣象資料年報，包括臺東海域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 (臺東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，蒐集之臺東海域風力資料，除本中心自行觀測之外，在蘭嶼氣象站(測站 B 及 M)、大武氣象站(測站 C)、成功氣象站(測站 O 及 Q)、蘭嶼浮標站(測站 Z) 及臺東遠洋浮標站(測站 R)之風速儀屬中央氣象局(CWB)所有，等觀測風力資料，係交通部中央氣象局(CWB)提供。綠島氣象站(測站 E)、大武氣象站(測站 I)、富岡氣象站(測站 H)、臺東海上浮標(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，蒐集之臺東海域波浪資料，除本中心自行觀測之外，在臺東海上浮標(測站 Y)觀測波浪資料，係經濟部水利署(WRA)提供，測站 Z(蘭嶼浮標站)及測站 R(遠洋浮標站)之觀測波浪資料屬中央氣象局(CWB)所有，謹致謝忱。

2018 年港灣海氣象觀測潮汐資料，蒐集之臺東海域潮汐觀測資料，除本中心自行觀測之外，在成功(測站 Q)、蘭嶼(測站 M)等觀測潮汐資料，係交通部中央氣象局提供。富岡港(測站 J)、大武港(測站 K)、小港(測站 P)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，蒐集之臺東海域海流資料，除本中心自行觀測之外，在臺東海上浮標(測站 Y)觀測海流資料，係經濟部水利署(WRA)提供，測站 Z(蘭嶼浮標站)及測站 R(遠洋浮標站)之觀測海流資料屬中央氣象局(CWB)所有，謹致謝忱。

第 0 章 臺東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。

臺東海域觀測風力資料測站統計表如表 WJ1，觀測波浪資料測站統計表如表 VJ1，觀測潮汐資料測站統計表如表 TJ1，觀測海流資料測站統計表如表 CJ1。

表 WJ1 臺東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
臺東海域	12	1	6	5		

表 VJ1 臺東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
臺東海域	4	1	2	1	0	

表 TJ1 臺東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
臺東海域	8	2	2	4	0	

表 CJ1 臺東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
臺東海域	4	1	2	1	0	

註:資料更新時間為 2018 年。

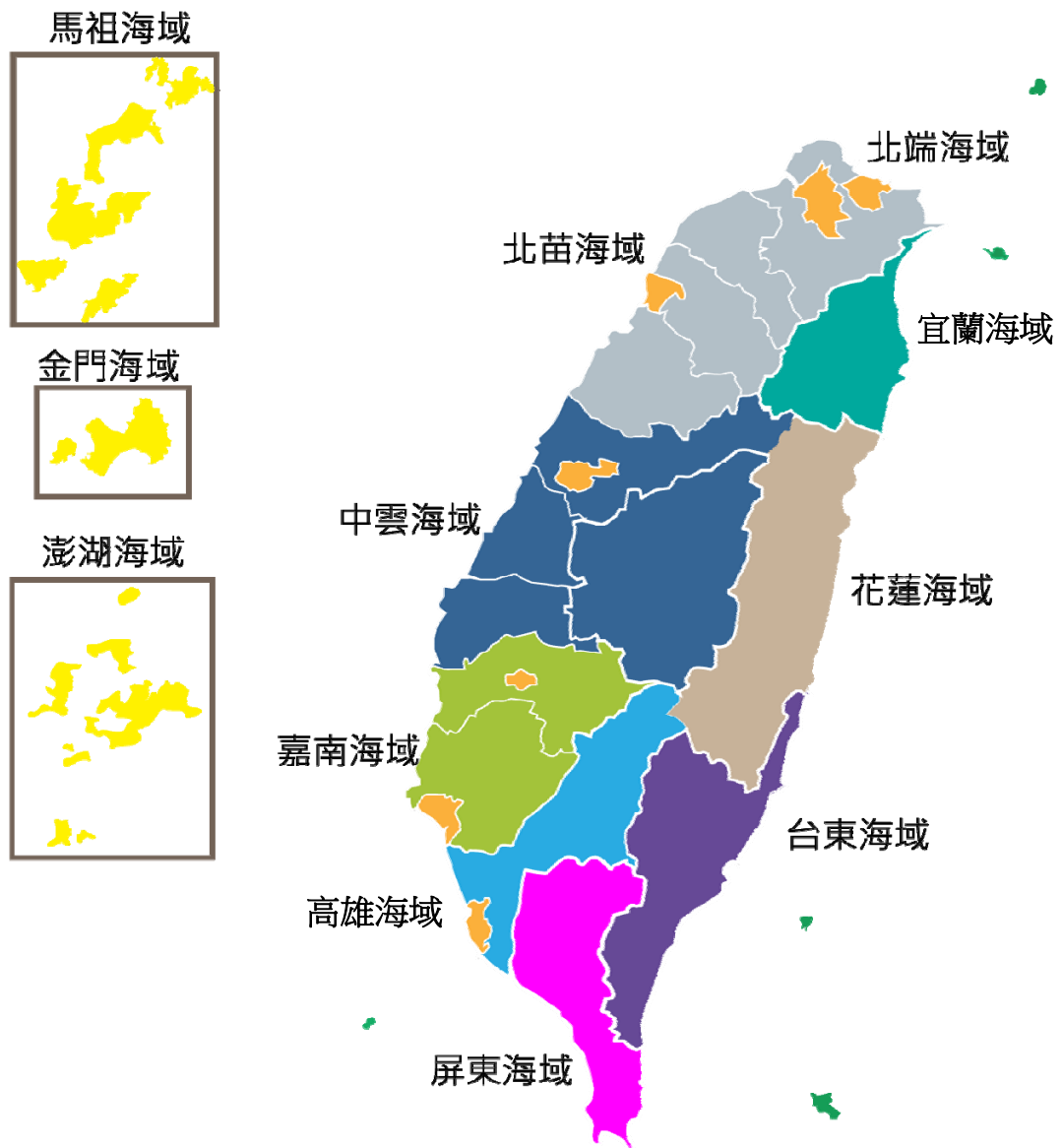


圖 A1 臺灣 12 海域區分示意圖

2018 年臺東海域觀測風力資料

臺東海域於綠島風之觀測係 2014 年 1 月本中心(IHMT)於南寮港南防波堤處(測站 W)安裝 Gill 二維超音波式風速計，其位置如附圖 WJ1。測站 B(測站 M) (蘭嶼氣象站)、測站 C(大武氣象站)、測站 Z(蘭嶼浮標站)及測站 R(臺東遠洋浮標站)之風速儀屬中央氣象局(CWB)所有，測站 E (綠島氣象站) 、測站 O(測站 Q) (成功氣象站) 、測站 I(大武氣象站)及測站 H (富岡氣象站)之風速儀屬水利署(WRA)所有，測站 Y(台東外海浮標站)之風速儀也皆屬水利署所有。各測站歷年觀測風資料蒐集概況如表 WJ1。

本中心測站風資料之蒐集係採取每小時測定十分鐘之風速、風向數據加以平均，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 WJ1 臺東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
W	22°36'54"N	120°17'19"E	2014/01-2018/11(觀測中)	港研中心	南寮港
E	22°39'39"N	121°28'24"E	2001/10-2018/11(觀測中)	水利署	綠島氣象站
Y	22°43'27"N	121°08'40"E	2010/09-2018/11(觀測中)	水利署	台東浮標站
H	22°47'27"N	121°11'32"E	2003/09-2018/11(觀測中)	水利署	富岡氣象站
O	23°05'57"N	121°21'55"E	2013/11-2018/11(觀測中)	水利署	成功氣象站
B	22°02'19"N	121°33'02"E	2014/08-2018/11(觀測中)	中央氣象局	蘭嶼氣象站
M	22°03'35"N	121°29'59"E	2015/01-2018/11(觀測中)	中央氣象局	蘭嶼氣象站
Q	23°05'20"N	121°22'36"E	2015/01-2018/11(觀測中)	中央氣象局	成功氣象站
C	22°21'27"N	120°53'44"E	2013/11-2018/11(觀測中)	中央氣象局	大武氣象站
I	22°20'14"N	120°53'46"E	2005/10-2018/11(觀測中)	水利署	大武氣象站
Z	22°04'18"N	121°34'33"E	2017/09-2018/11(觀測中)	中央氣象局	蘭嶼浮標站
R	21°40'36"N	124°03'48"E	2009/08-2017/11	中央氣象局	遠洋浮標站

臺東海域

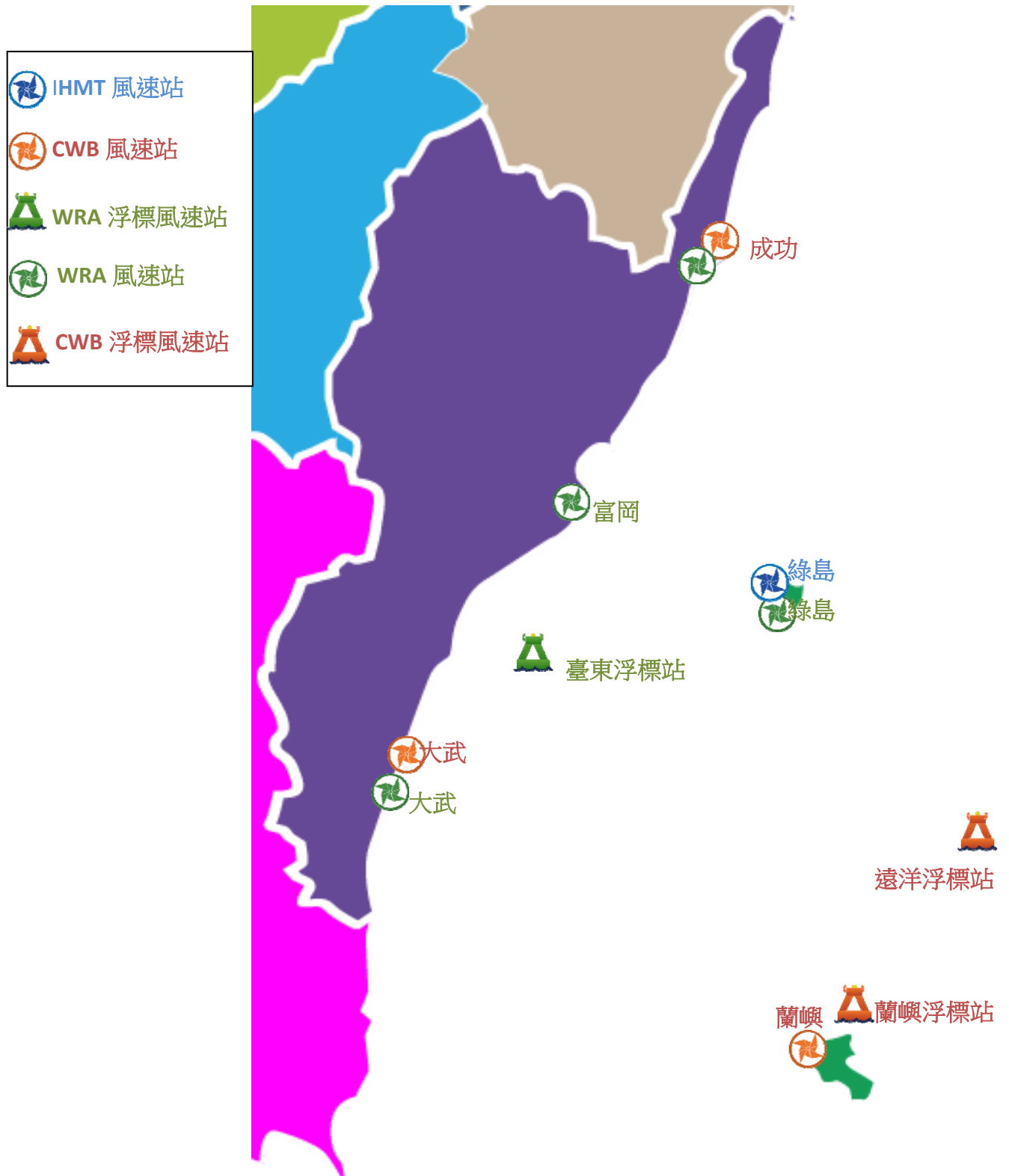


圖 WJ1 臺東海域風力觀測站位置示

2018 年臺東海域觀測波浪資料

臺東海域綠島南寮港波浪之觀測係 2014 年 10 月本中心(IHMT)於南寮港南防波堤外處(測站 X) 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)波浪觀測站，其位置如附圖 VJ1。

測站 Z(蘭嶼浮標站)及測站 R(遠洋浮標站)之波浪儀屬中央氣象局(CWB)所有，測站 Y(台東外海浮標站)波浪儀也皆屬水利署(WRA)所有。臺東海域各測站歷年觀測波浪資料蒐集概況如表 VJ1。

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 波向量測範圍：波向的量測從海面下 3 米以上的流向資料與波高資料計算轉換而得。對攪動的海況來說；用於轉換波向的該層深度應該自動被調整為平均水位也就是 $H_{max}/2$ 。量測的參數為：平均波向及波向分佈，波向單位為度。

表 VJ1 臺東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
X	22°39'30"N	121°28'14"E	2014/10-2018/11(觀測中)	港研中心	綠島南寮港區外海
Y	22°43'27"N	121°08'40"E	2010/09-2018/11(觀測中)	水利署	台東外海浮標站
Z	22°04'18"N	121°34'33"E	2017/09-2018/11(觀測中)	中央氣象局	蘭嶼浮標站
R	21°40'36"N	124°03'48"E	2009/08-2018/11	中央氣象局	遠洋浮標站

臺東海域

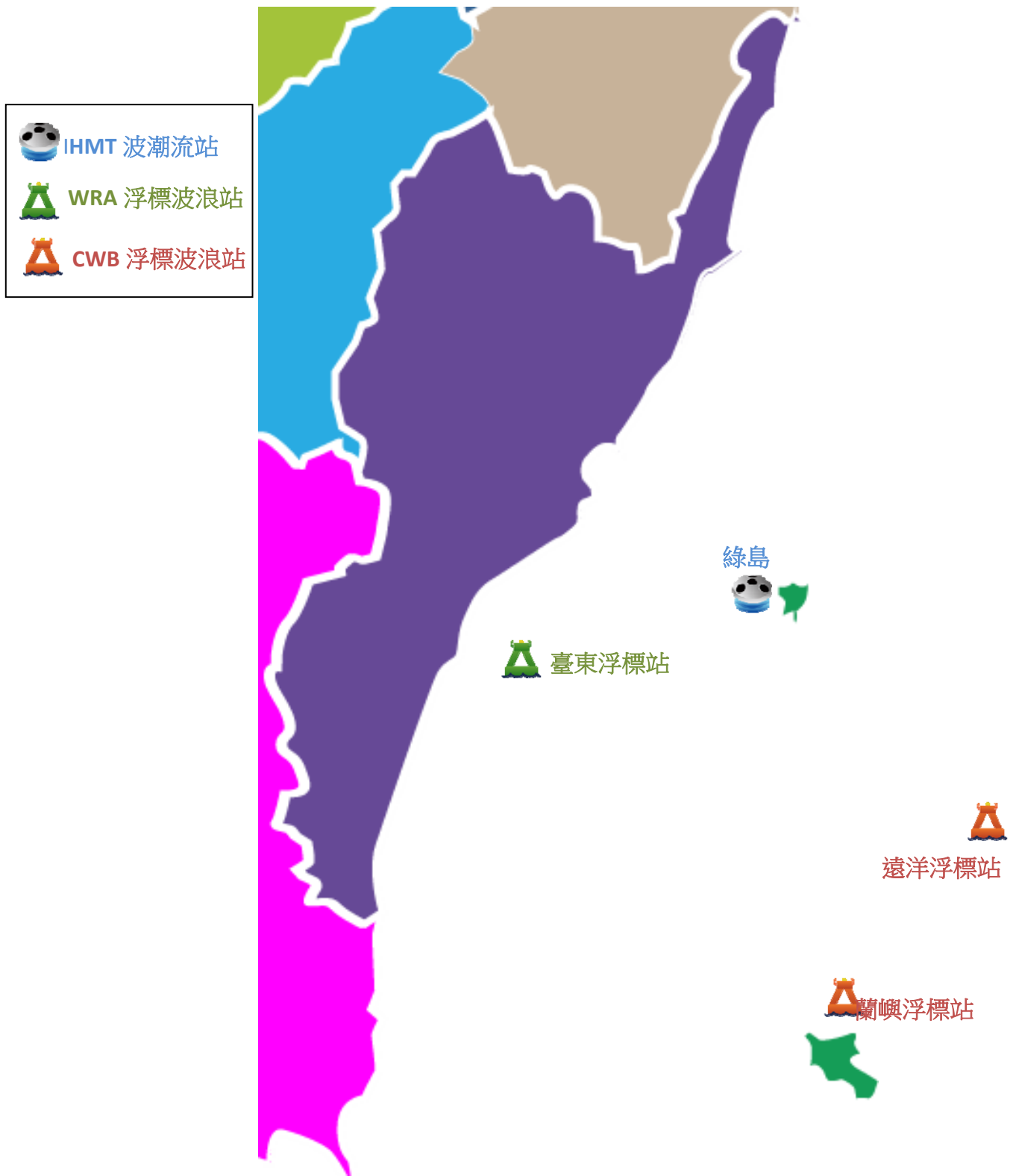


圖 VJ1 臺東海域波浪觀測站位置示

2018 年臺東海域觀測潮汐資料

臺東海域之潮汐觀測，係 2014 年 5 月本中心於綠島南寮港南防波堤旁(測站 T) 設置潮位觀測站，其位置如附圖 Tj1。2014 年 10 月本中心於南寮港南防波堤外處(測站 X) 設置 AWAC 即時傳送監測系統，也具量測水位功能。綠島南寮漁港潮位站(測站 F)、富岡漁港潮位站(測站 J)、大武漁港潮位站(測站 K)及小港漁港潮位站(測站 P)皆屬水利署所有，成功漁港潮位站(測站 Q)及蘭嶼潮位站(測站 M)則屬中央氣象局所有。臺東海域各測站歷年觀測潮汐資料蒐集概況如表 Tj1。

潮位測站 X 潮波流儀，以壓力感測器測得水壓變化時間序列，取樣方式為每一小時取前 10 分鐘之水位變化，取樣頻率為 2Hz，然後加以平均得出該小時之平均水位值。潮位資料之平均水位以觀測水位資料之平均值為基準，未經高程量測。測站 T 潮位資料取樣方式為每 6 分鐘量測一次水位變化。其他潮位資料分別由中央氣象局及水利署提供。

表 Tj1 臺東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
T	22°39'34"N	121°28'22"E	2014/04-2018/11(觀測中)	港研中心	南寮港潮位站
X	22°39'30"N	121°28'14"E	2014/10-2018/11(觀測中)	港研中心	綠島南寮港外海
F	22°39'39"N	121°28'24"E	2000/10-2018/11(觀測中)	水利署	南寮港潮位站
J	22°47'27"N	121°11'32"E	2000/10-2018/11(觀測中)	水利署	富岡港潮位站
K	22°20'15"N	120°53'47"E	2000/10-2018/11(觀測中)	水利署	大武港潮位站
P	23°09'32"N	121°24'12"E	2000/10-2018/11(觀測中)	水利署	小港潮位站
Q	23°05'20"N	121°22'36"E	2000/10-2018/11(觀測中)	中央氣象局	成功港潮位站
M	22°03'35"N	121°29'59"E	2013/12-2018/11(觀測中)	中央氣象局	蘭嶼潮位站

臺東海域

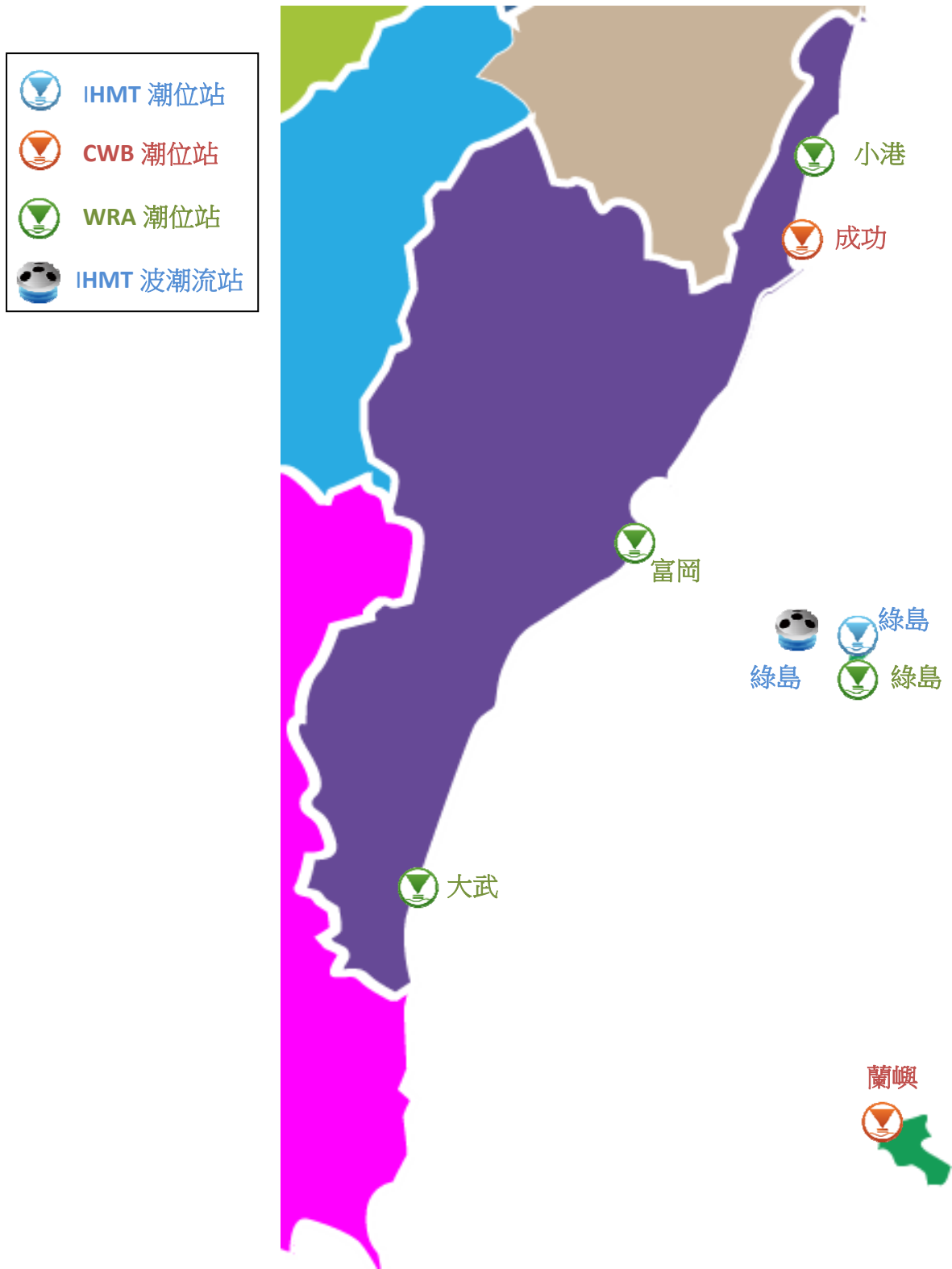


圖 TJ1 臺東海域潮汐觀測站位置示意

2018 年臺東海域觀測海流資料

臺東海域綠島南寮港海流之觀測係 2014 年 10 月本中心於南寮港南防波堤外處(測站 X) 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)海流觀測站，其位置如附圖 CJ1。

測站 R(遠洋浮標站)之海流儀屬中央氣象局(CWB) 所有，測站 Y(台東外海浮標站)之海流儀也皆屬水利署所有。臺東海域各測站歷年觀測海流資料蒐集概況如表 CJ1。

剖面海流流速的量測可以依照使用在不同水深即自固定在海床上之儀器位置到水表面來設定量測不同的間距，蘇澳港觀測站水深間距設定為 1 公尺；每小時連續量測 600 秒，再將總和平均代表其數樣每一間距層之海流流速、流向等資料，記錄在感應器內，並每隔 1 小時經由海底電纜傳訊回接收站之電腦中儲存。

表 CJ1 臺東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
X	22°39'30"N	121°28'14"E	2014/10-2018/11(觀測中)	港研中心	綠島南寮港區外海
Y	22°43'27"N	121°08'40"E	2010/09-2018/11(觀測中)	水利署	台東外海浮標站
R	21°40'36"N	124°03'48"E	2012/07-2017/11	中央氣象局	遠洋浮標站

臺東海域

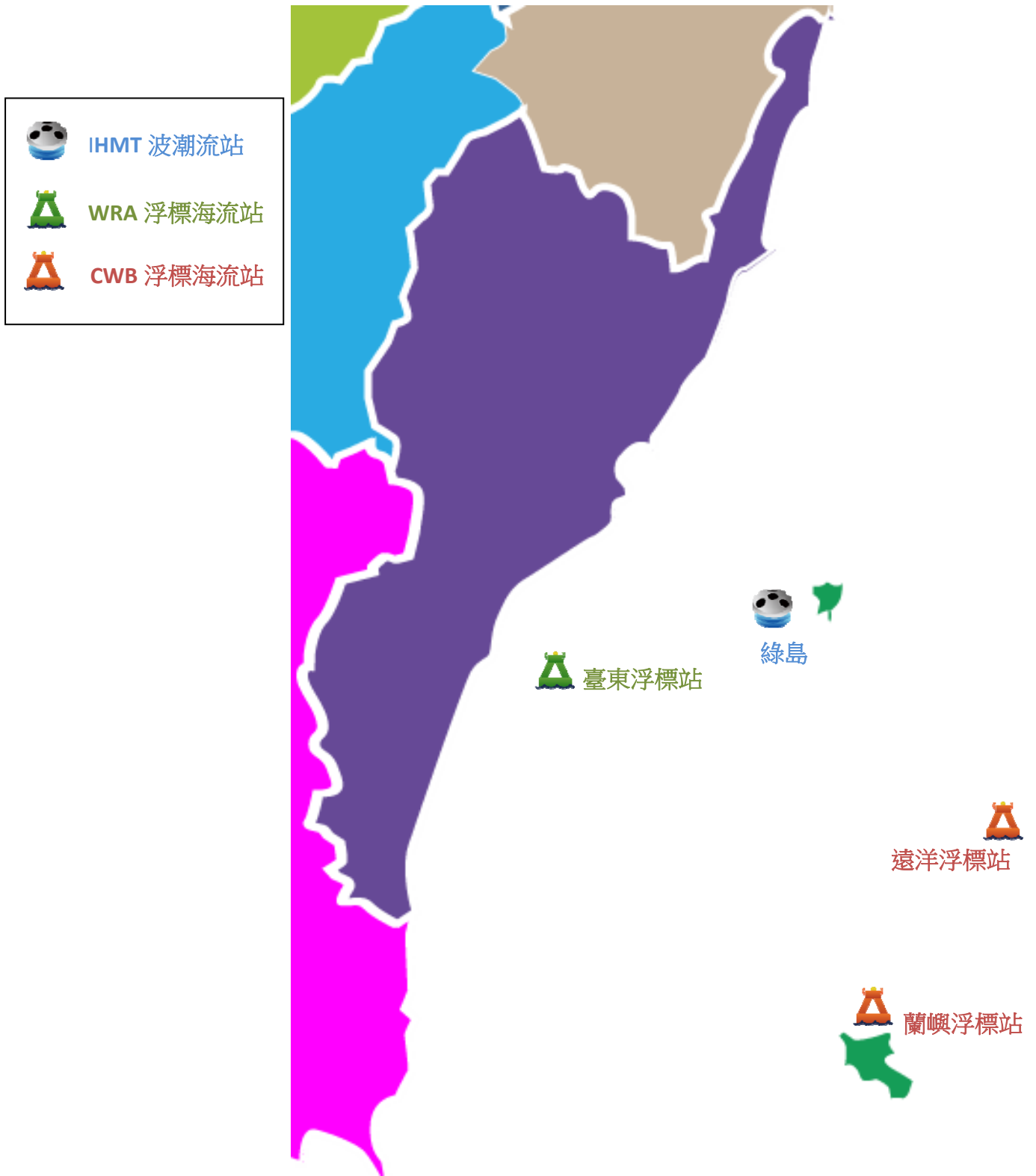


圖 CJ1 臺東海域海流觀測站位置示意

第一章 2018 年臺東海域觀測風力資料

臺東海域風之觀測包括測站 **W**、測站 **Y**、測站 **E**、測站 **H**、測站 **O**、測站 **B**、測站 **M**、測站 **Q**、測站 **C**、測站 **I** 及測站 **Z** 等 11 個測站(測站位置如第 0 章圖 WJ1)。本年報取經檢核及補遺之 **Y** 站資料作為主要測站 1，**W** 站資料作為主要測站 2。

1.1 2018 年臺東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 年臺東海域**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 年臺東海域**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 年臺東海域**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 年臺東海域**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 年臺東海域**各測站****修補前**每月風力向量行進圖。

表 1.1.1a 2018年每月臺東海域修補前各測站觀測風力資料紀錄表

海域	臺東海域	臺東海域	臺東海域	臺東海域	臺東海域	臺東海域	臺東海域	臺東海域	臺東海域	臺東海域	臺東海域	臺東海域
年月/測站	Y	W	B	E	H	C	I	O	M	Q	Z	R
2017/12月	744(100%)	589(79.2%)	744(100%)	724(97.3%)	740(99.5%)	744(100%)	722(97.0%)	744(100%)	559(75.1%)	558(75.0%)	736(98.9%)	*
2018/ 1月	743(99.9%)	507(68.1%)	744(100%)	495(66.5%)	739(99.3%)	744(100%)	719(96.6%)	744(100%)	710(95.4%)	691(92.9%)	725(97.4%)	*
2018/ 2月	672(100%)	513(76.3%)	672(100%)	131(19.5%)	664(98.8%)	672(100%)	649(96.6%)	672(100%)	656(97.6%)	655(97.5%)	644(95.8%)	*
2018/ 3月	742(99.7%)	742(99.7%)	744(100%)	735(98.8%)	734(98.7%)	744(100%)	726(97.6%)	744(100%)	689(92.6%)	709(95.3%)	722(97.0%)	*
2018/ 4月	720(100%)	473(65.7%)	720(100%)	713(99.0%)	713(99.0%)	720(100%)	703(97.6%)	720(100%)	500(69.4%)	605(84.0%)	710(98.6%)	*
2018/ 5月	740(99.5%)	612(82.3%)	744(100%)	732(98.4%)	732(98.4%)	744(100%)	735(98.8%)	744(100%)	431(57.9%)	397(53.4%)	449(60.3%)	*
2018/ 6月	710(98.6%)	678(94.2%)	720(100%)	714(99.2%)	709(98.5%)	720(100%)	697(96.8%)	720(100%)	682(94.7%)	683(94.9%)	648(90.0%)	*
2018/ 7月	716(96.2%)	688(92.5%)	*	741(99.6%)	740(99.5%)	744(100%)	732(98.4%)	744(100%)	706(94.9%)	705(94.8%)	663(89.1%)	*
2018/ 8月	737(99.1%)	703(94.5%)	*	732(98.4%)	731(98.3%)	744(100%)	736(98.9%)	744(100%)	720(96.8%)	724(97.3%)	674(90.6%)	*
2018/ 9月	707(98.2%)	678(94.2%)	*	708(98.3%)	712(98.9%)	720(100%)	710(98.6%)	720(100%)	663(92.1%)	668(92.8%)	597(82.9%)	*
2018/10月	739(99.3%)	706(94.9%)	*	732(98.4%)	732(98.4%)	744(100%)	732(98.4%)	744(100%)	738(99.2%)	742(99.7%)	736(98.9%)	*
2018/11月	720(100%)	682(94.7%)	*	708(98.3%)	702(97.5%)	720(100%)	707(98.2%)	720(100%)	637(88.5%)	671(93.2%)	660(91.7%)	*
2018/冬季	2159(99.9%)	1609(74.5%)	2160(100%)	1350(62.5%)	2143(99.2%)	2160(100%)	2090(96.8%)	2160(100%)	1925(89.1%)	1904(88.1%)	2105(97.5%)	*
2018/春季	2202(99.7%)	1827(82.7%)	2208(100%)	2180(98.7%)	2179(98.7%)	2208(100%)	2164(98.0%)	2208(100%)	1620(73.4%)	1711(77.5%)	1881(85.2%)	*
2018/夏季	2163(98.0%)	2069(93.7%)	720(32.6%)	2187(99.0%)	2180(98.7%)	2208(100%)	2165(98.1%)	2208(100%)	2108(95.5%)	2112(95.7%)	1985(89.9%)	*
2018/秋季	2166(99.2%)	2066(94.6%)	*	2148(98.4%)	2146(98.3%)	2184(100%)	2149(98.4%)	2184(100%)	2038(93.3%)	2081(95.3%)	1993(91.3%)	*
2018/整年	8690(99.2%)	7571(86.4%)	5088(58.1%)	7865(89.8%)	8648(98.7%)	8760(100%)	8568(97.8%)	8760(100%)	7691(87.8%)	7808(89.1%)	7964(90.9%)	*
起始年月	2017/12	2017/12	2017/12	2017/12	2017/12	2017/12	2017/12	2017/12	2017/12	2017/12	2017/12	*
結束年月	2018/11	2018/11	2018/06	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 年每月臺東海域修補後各測站風力資料紀錄表

海域	臺東海域	臺東海域	臺東海域	臺東海域	臺東海域	臺東海域	臺東海域	臺東海域	臺東海域	臺東海域	臺東海域	臺東海域
年月/測站	Y	W										
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年臺東海域 Y 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%)	7.3	6.2/N	18.1/ENE	2.2	68.5	27.0	2.3	41.9	.4	.0	57.7	NNW/39.0%
2	2018/01	744(100%)	6.2	5.1/NNE	15.5/NNE	11.7	66.3	21.1	.9	52.0	.9	.3	46.8	NNW/26.2%
3	2018/02	672(100%)	6.0	4.7/NNE	14.7/NE	15.9	64.3	19.2	.6	50.0	1.5	1.6	46.9	NNW/27.5%
4	2018/03	744(100%)	5.3	3.4/NNE	17.3/ENE	22.0	63.0	14.2	.7	44.9	7.7	6.9	40.6	N /20.7%
5	2018/04	720(100%)	4.5	2.4/N	16.4/ENE	33.8	58.8	6.7	.8	31.9	12.9	6.4	48.8	NNW/17.4%
6	2018/05	744(100%)	3.5	.7/NNE	14.3/ENE	55.5	39.5	4.7	.3	26.3	17.6	18.4	37.6	NW /14.8%
7	2018/06	720(100%)	4.2	1.0/NNE	14.1/S	46.5	41.9	11.4	.1	38.9	10.8	18.3	31.9	NNW/12.8%
8	2018/07	744(100%)	3.5	1.4/NNE	12.2/SSW	55.4	39.4	5.2	.0	40.1	12.9	15.3	31.7	NNW/12.1%
9	2018/08	744(100%)	2.6	.2/NE	12.6/NNE	73.7	24.7	1.6	.0	24.6	27.4	22.0	25.9	N / 7.5%
10	2018/09	720(100%)	3.7	.5/N	13.1/W	55.0	36.5	8.5	.0	28.6	23.3	22.9	25.1	NE / 9.0%
11	2018/10	744(100%)	5.1	1.4/N	14.1/N	21.4	64.7	13.8	.1	28.5	18.1	16.5	36.8	N /11.8%
12	2018/11	720(100%)	4.6	.8/NE	12.3/NNE	27.6	64.0	8.3	.0	32.2	23.9	18.6	25.3	N / 9.9%
13	2018/冬	2160(100%)	6.5	5.3/N	18.1/ENE	9.7	66.4	22.5	1.3	47.9	.9	.6	50.6	NNW/31.0%
14	2018/春	2208(100%)	4.4	2.2/NNE	17.3/ENE	37.1	53.7	8.6	.6	34.4	12.7	10.6	42.3	NNW/15.5%
15	2018/夏	2208(100%)	3.4	.9/NNE	14.1/S	58.7	35.3	6.0	.0	34.5	17.1	18.6	29.8	NNW/10.7%
16	2018/秋	2184(100%)	4.5	.9/N	14.1/N	34.5	55.2	10.3	.0	29.8	21.7	19.3	29.2	N / 9.8%
17	2018/年	8760(100%)	4.7	2.3/NNE	18.1/ENE	35.1	52.6	11.8	.5	36.6	13.2	12.3	37.9	NNW/16.4%

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表1.1.3 2018年臺東海域 W 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%)	4.8	4.5/NNW	10.5/NW	28.0	61.8	10.2	.0	7.1	3.1	.3	89.5	NW /46.2%
2	2018/01	744(100%)	3.7	3.1/NNW	8.1/NNW	46.2	53.6	.1	.0	14.2	7.0	.3	78.5	NNW/49.5%
3	2018/02	672(100%)	3.6	3.0/NNW	9.4/NNW	52.2	44.2	3.6	.0	21.6	5.1	.6	72.8	NNW/32.7%
4	2018/03	744(100%)	3.0	1.0/ENE	9.8/SE	67.2	31.0	1.7	.0	29.4	42.7	1.5	26.3	SE /23.1%
5	2018/04	720(100%)	2.6	.9/ENE	8.9/SE	73.8	24.9	1.4	.0	36.8	34.9	4.4	23.9	ENE/21.7%
6	2018/05	744(100%)	2.8	1.4/SE	8.6/SE	69.0	29.8	1.2	.0	16.7	59.9	4.2	19.2	SE /41.9%
7	2018/06	720(100%)	3.3	.8/ESE	10.7/SE	55.8	42.8	1.4	.0	21.0	45.1	2.9	31.0	SE /21.4%
8	2018/07	744(100%)	2.5	.5/ESE	10.3/SE	72.2	27.4	.4	.0	26.2	40.1	7.8	25.9	SE /18.4%
9	2018/08	744(100%)	2.6	1.7/SSE	9.6/SE	71.6	27.3	1.1	.0	16.5	57.7	14.1	11.7	SE /28.9%
10	2018/09	720(100%)	3.1	1.7/NNW	11.8/NNW	67.4	28.2	4.4	.0	27.6	25.0	2.5	44.9	NW /21.5%
11	2018/10	744(100%)	4.1	3.1/NNW	10.6/NNW	42.3	50.9	6.7	.0	18.0	12.8	.8	68.4	NW /37.5%
12	2018/11	720(100%)	2.9	1.8/NNW	10.6/NW	67.2	30.4	2.4	.0	27.8	15.3	1.1	55.8	NNW/26.5%
13	2018/冬	2160(100%)	4.1	3.5/NNW	10.5/NW	41.8	53.5	4.7	.0	14.1	5.0	.4	80.5	NNW/40.9%
14	2018/春	2208(100%)	2.8	1.0/E	9.8/SE	69.9	28.6	1.4	.0	27.5	46.0	3.4	23.1	SE /28.5%
15	2018/夏	2208(100%)	2.8	.9/SE	10.7/SE	66.7	32.4	1.0	.0	21.2	47.6	8.3	22.8	SE /22.9%
16	2018/秋	2184(100%)	3.4	2.2/NNW	11.8/NNW	58.8	36.7	4.5	.0	24.4	17.6	1.5	56.5	NW /28.1%
17	2018/年	8760(100%)	3.2	1.1/N	11.8/NNW	59.4	37.7	2.9	.0	21.8	29.2	3.4	45.5	NNW/20.0%

9-1-1

Wind Speed in Ta-Tung Seas of LTY0 at 2018

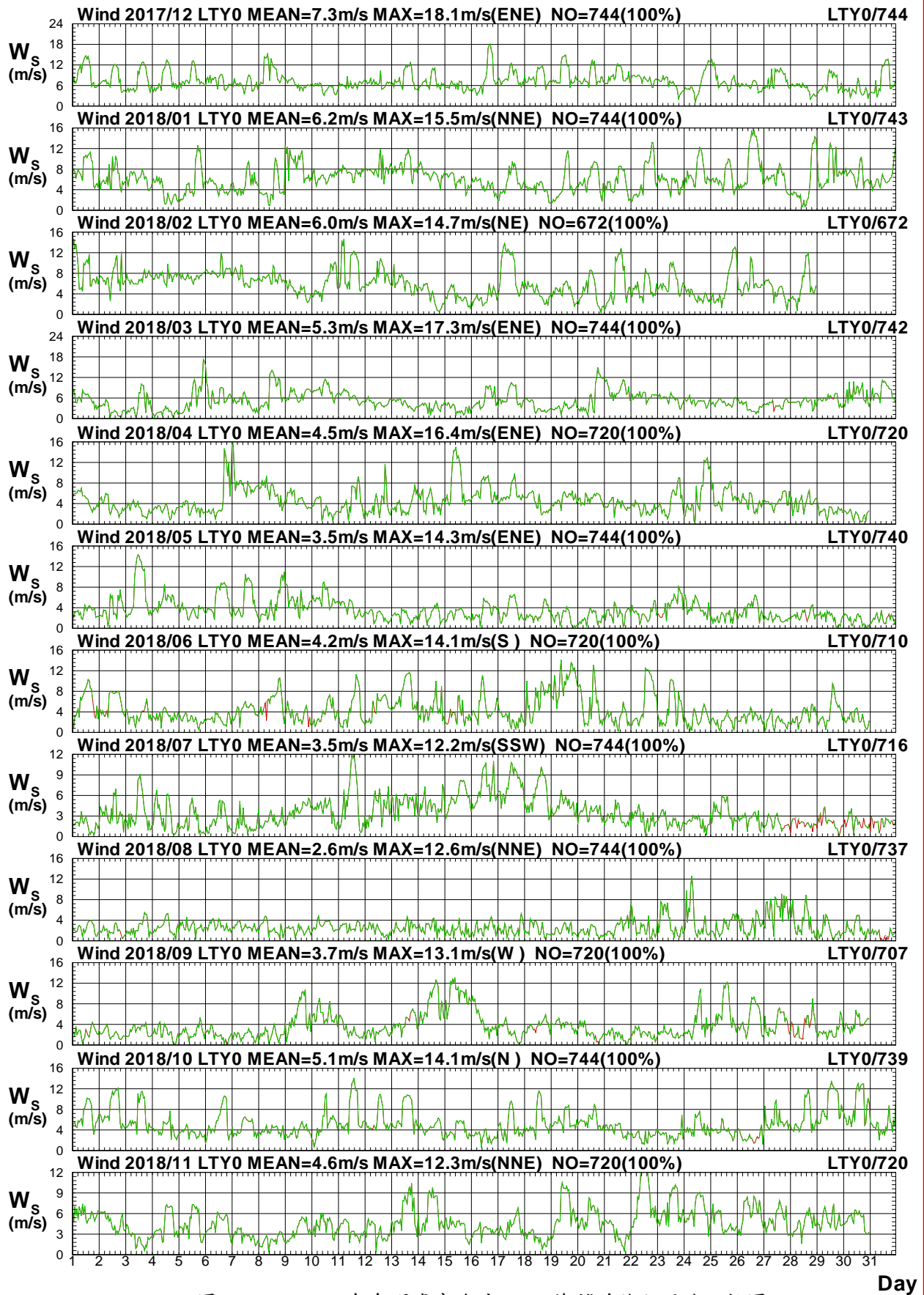


圖1.1.1a 2018年每月臺東海域 Y 站修補前後之風速比較圖

W17CLTY0.1HA W17CLTY0.1HO W181LTY0.1HA W181LTY0.1HO W182LTY0.1HA W182LTY0.1HO
W183LTY0.1HA W183LTY0.1HO W184LTY0.1HA W184LTY0.1HO W185LTY0.1HA W185LTY0.1HO

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Wind Direction in Ta-Tung Seas of LTY0 at 2018

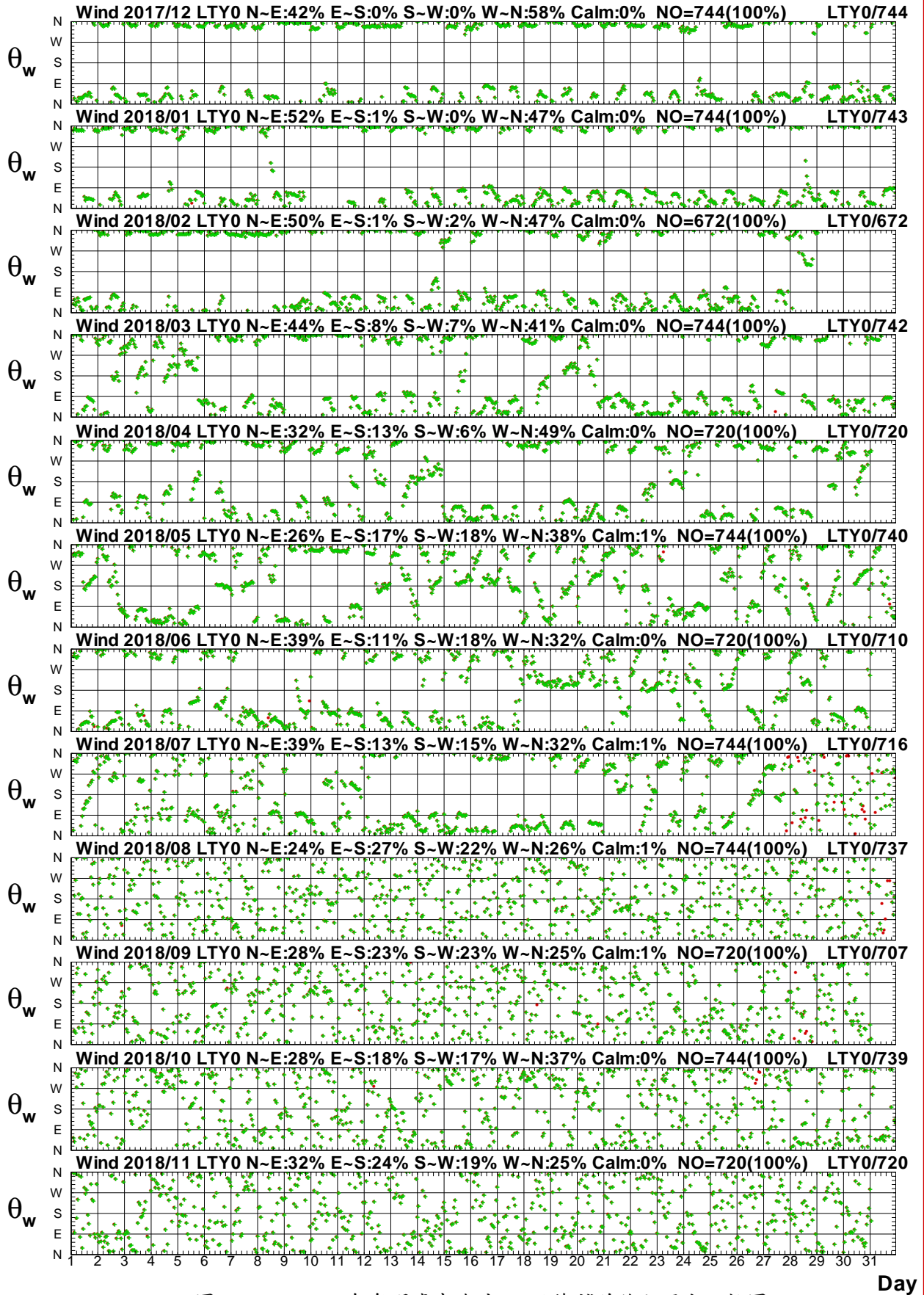


圖1.1.1b 2018年每月臺東海域 Y 站修補前後之風向比較圖

W17CLTY0.1HA W17CLTY0.1H0 W181LTY0.1HA W181LTY0.1H0 W182LTY0.1HA W182LTY0.1H0
W183LTY0.1HA W183LTY0.1H0 W184LTY0.1HA W184LTY0.1H0 W185LTY0.1HA W185LTY0.1H0

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Wind Speed in Ta-Tung Seas of LTW0 at 2018

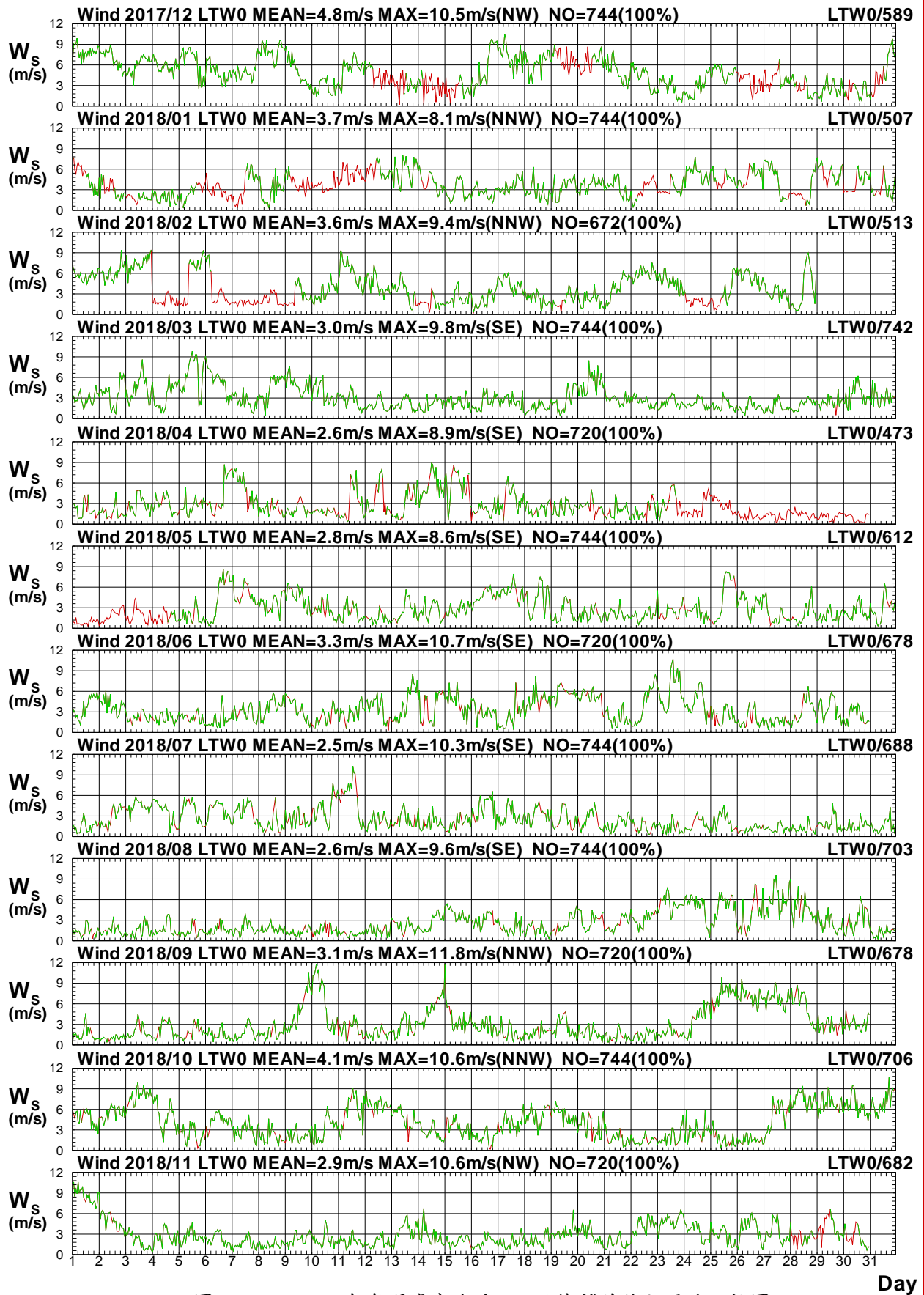


圖1.1.2a 2018年每月臺東海域 W 站修補前後之風速比較圖

W17CLTW0.1HA W17CLTW0.1HO W181LTW0.1HA W181LTW0.1HO W182LTW0.1HA W182LTW0.1HO
W183LTW0.1HA W183LTW0.1HO W184LTW0.1HA W184LTW0.1HO W185LTW0.1HA W185LTW0.1HO

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Wind Direction in Ta-Tung Seas of LTW0 at 2018

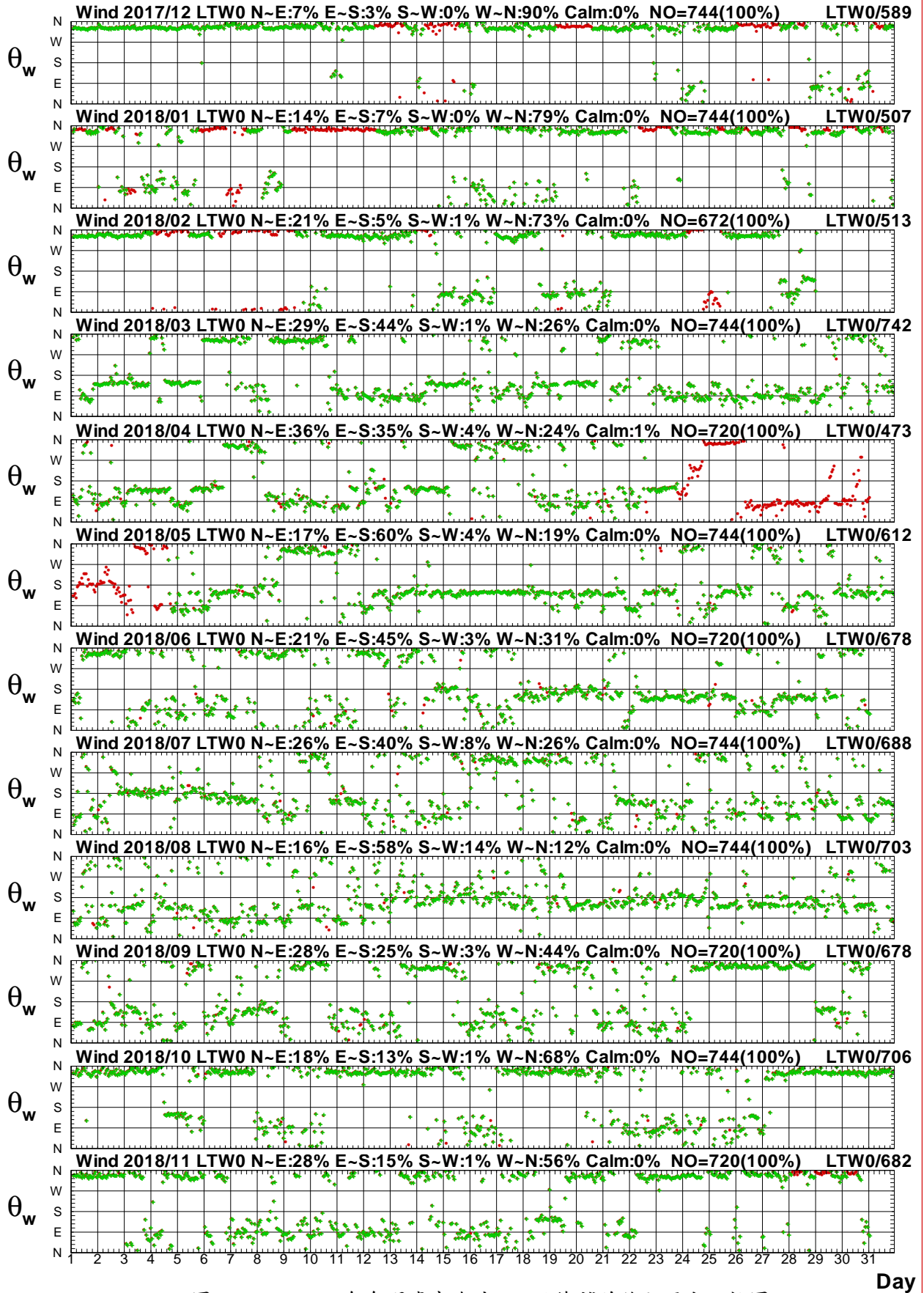


圖1.1.2b 2018年每月臺東海域 W 站修補前後之風向比較圖

W17CLTW0.1HA W17CLTW0.1HO W181LTW0.1HA W181LTW0.1HO W182LTW0.1HA W182LTW0.1HO
 W183LTW0.1HA W183LTW0.1HO W184LTW0.1HA W184LTW0.1HO W185LTW0.1HA W185LTW0.1HO

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Distribution of Wind Vectors

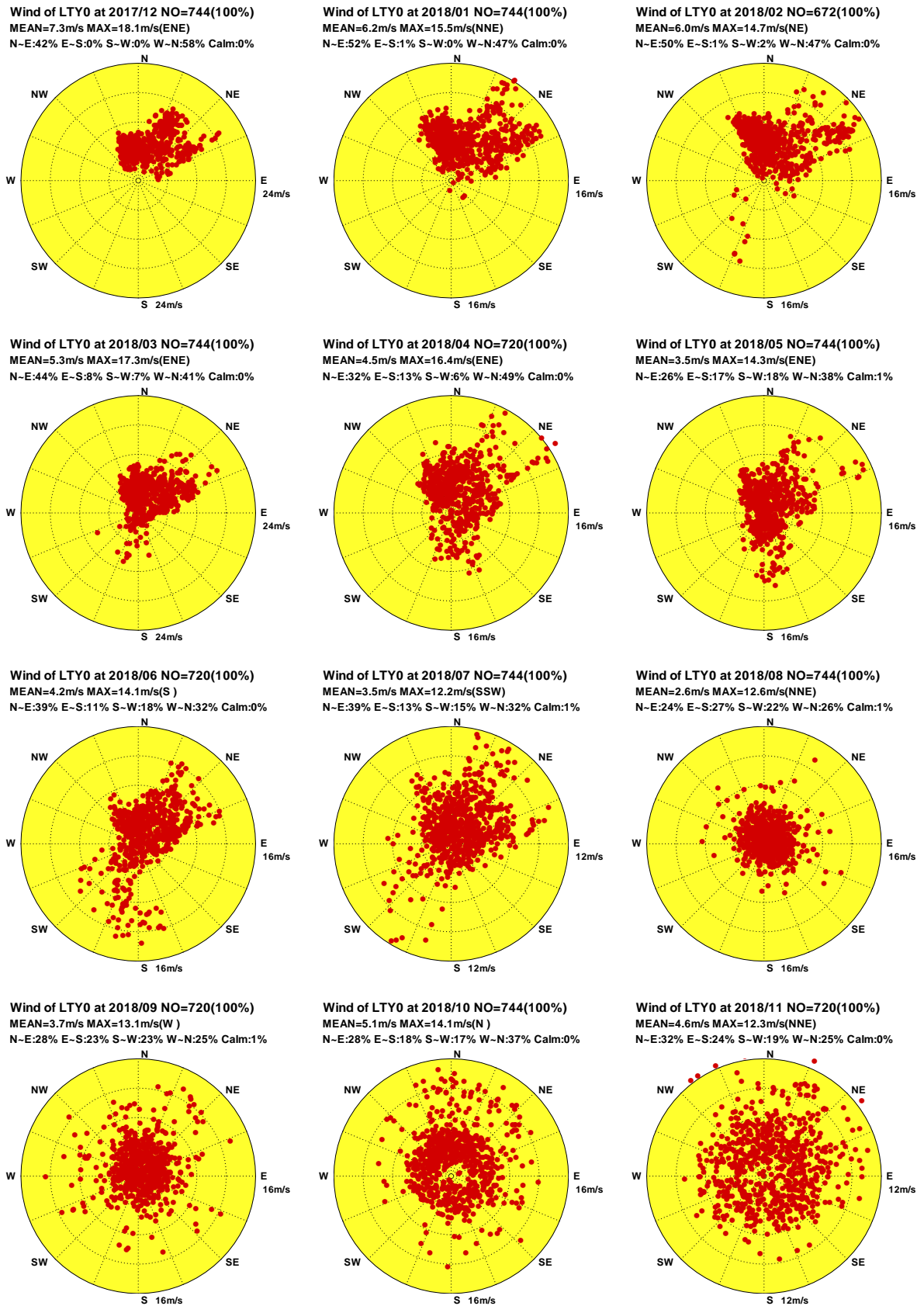


圖1.1.3 2018年臺東海域每月 Y 站修補後觀測風力向量分佈圖

W17CLTY0.1HA W181LTY0.1HA W182LTY0.1HA W183LTY0.1HA W184LTY0.1HA W185LTY0.1HA
W186LTY0.1HA W187LTY0.1HA W188LTY0.1HA W189LTY0.1HA W18ALTY0.1HA W18BLTY0.1HA

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Distribution of Wind Vectors

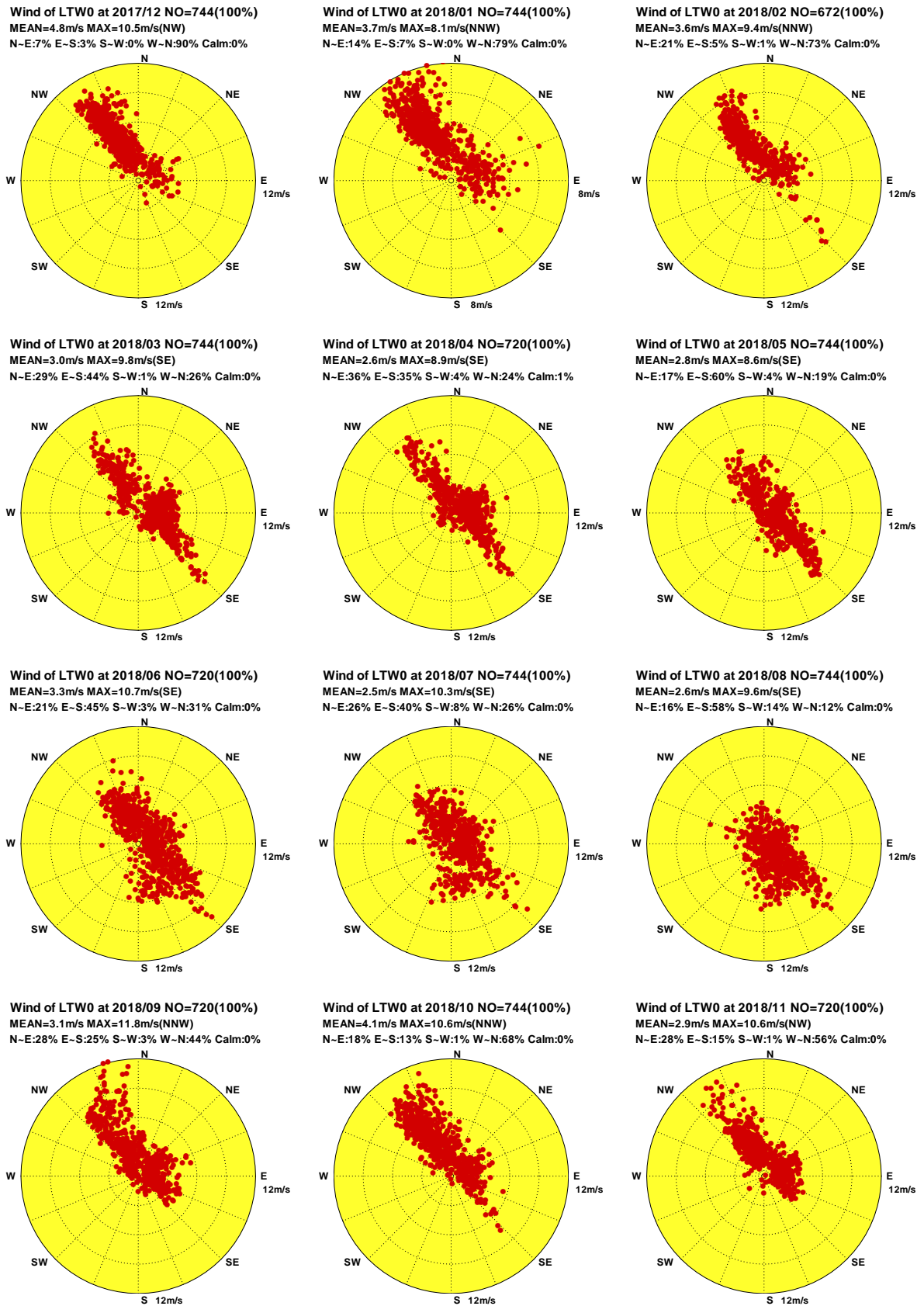


圖1.1.4 2018年臺東海域每月 W 站修補後觀測風力向量分佈圖

W17CLTW0.1HA W181LTW0.1HA W182LTW0.1HA W183LTW0.1HA W184LTW0.1HA W185LTW0.1HA
W186LTW0.1HA W187LTW0.1HA W188LTW0.1HA W189LTW0.1HA W18ALTW0.1HA W18BLTW0.1HA

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Progressive Vector Diagram of Wind

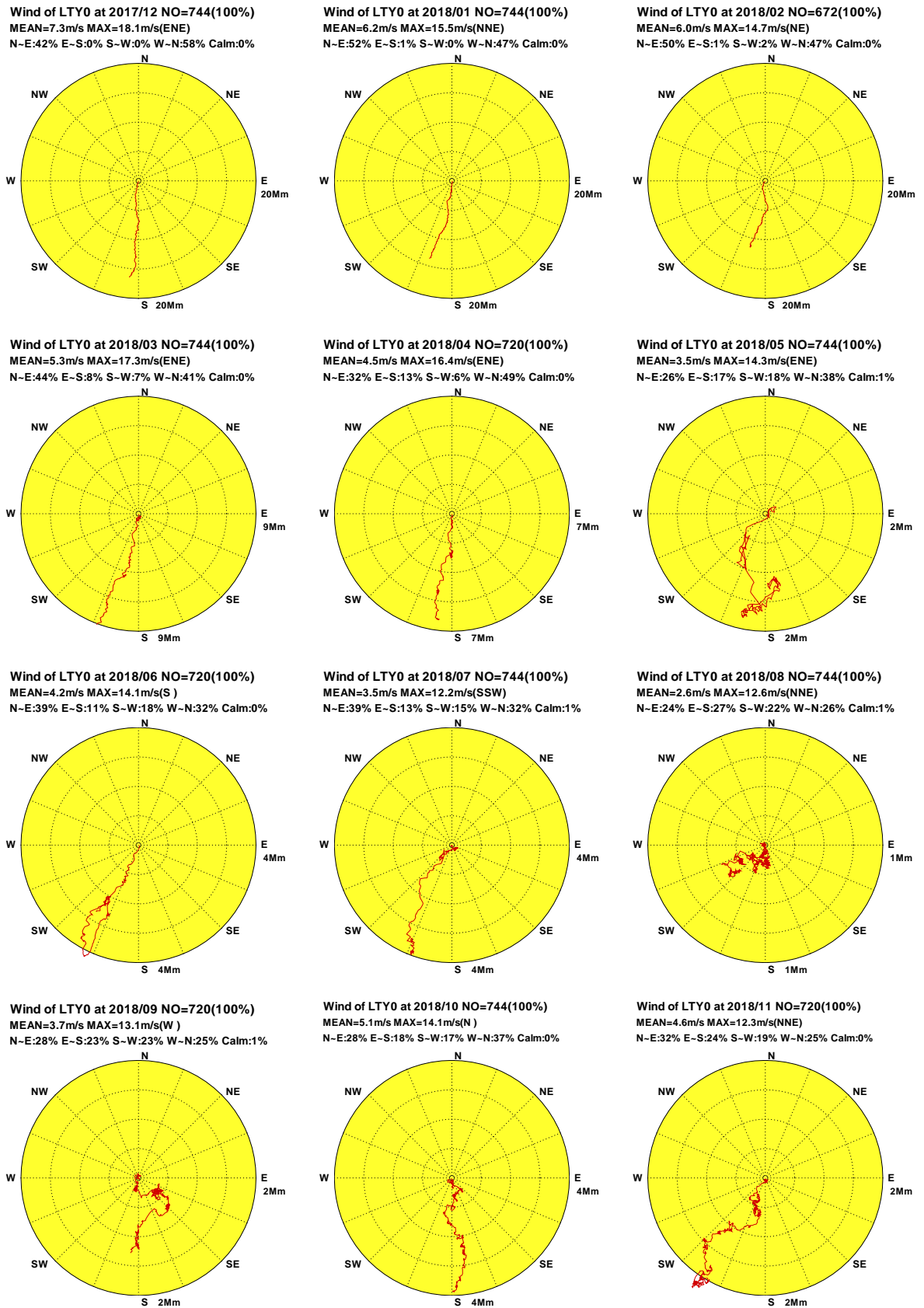


圖1.1.5 2018年臺東海域每月 Y 站修補後觀測風力向量行進圖

W17CLTY0.1HA W181LTY0.1HA W182LTY0.1HA W183LTY0.1HA W184LTY0.1HA W185LTY0.1HA
 W186LTY0.1HA W187LTY0.1HA W188LTY0.1HA W189LTY0.1HA W18ALTY0.1HA W18BLTY0.1HA

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Progressive Vector Diagram of Wind

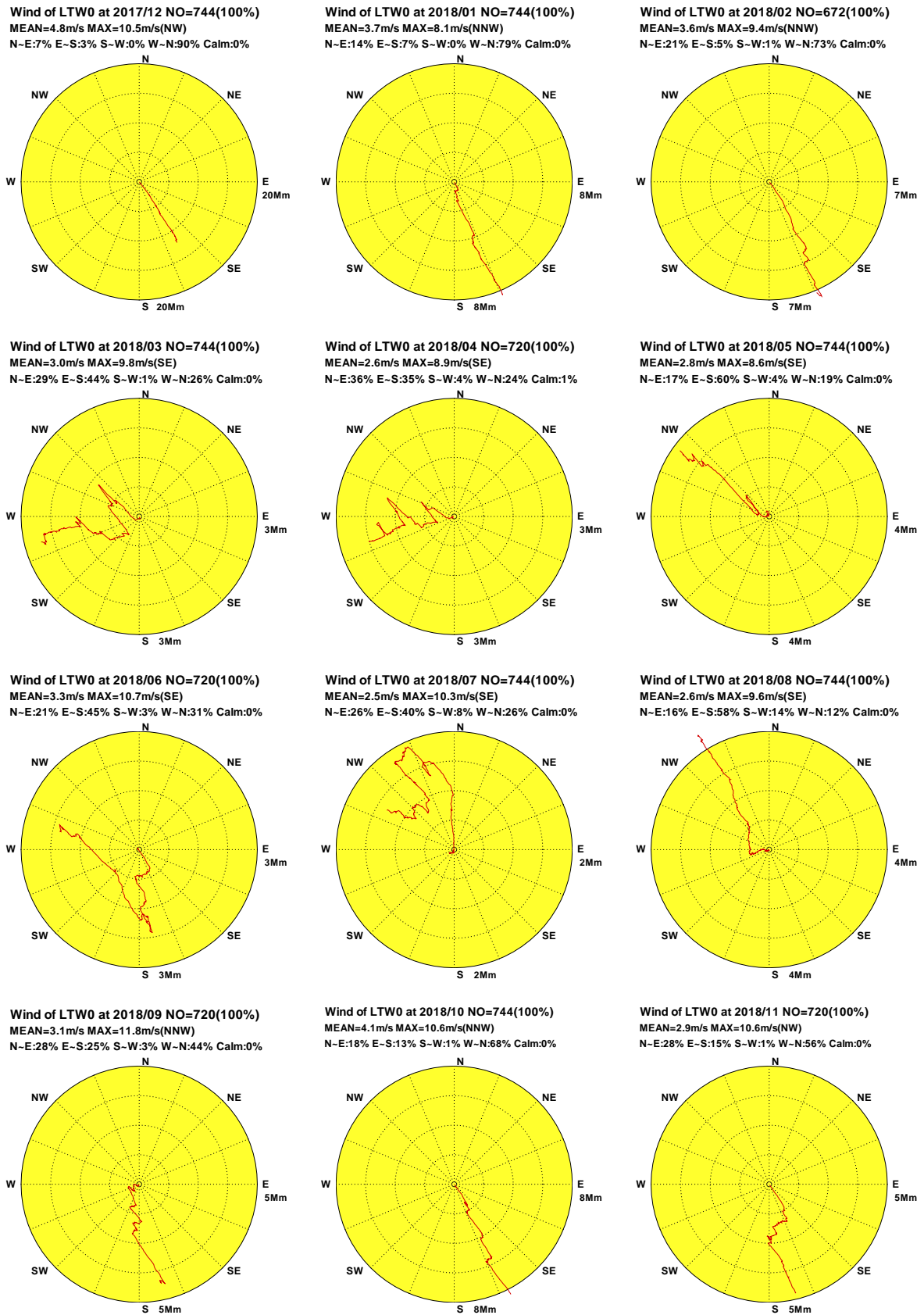


圖1.1.6 2018年臺東海域每月 W 站修補後觀測風力向量行進圖

W17CLTW0.1HA W181LTW0.1HA W182LTW0.1HA W183LTW0.1HA W184LTW0.1HA W185LTW0.1HA
W186LTW0.1HA W187LTW0.1HA W188LTW0.1HA W189LTW0.1HA W18ALTW0.1HA W18BLTW0.1HA

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1.2 2018 年臺東海域各測站修補前 風力統計量統計表

表 1.2.1 2018年臺東海域 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	744(100%)	7.3	6.2/N	18.1/ENE	2.2	68.5	27.0	2.3	41.9	.4	.0	57.7	NNW/39.0%
2	2018/01	743(100%)	6.2	5.1/NNE	15.5/NNE	11.7	66.2	21.1	.9	52.0	.9	.3	46.8	NNW/26.2%
3	2018/02	672(100%)	6.0	4.7/NNE	14.7/NE	15.9	64.3	19.2	.6	50.0	1.5	1.6	46.9	NNW/27.5%
4	2018/03	742(100%)	5.3	3.4/NNE	17.3/ENE	21.8	63.2	14.3	.7	44.7	7.7	6.9	40.7	N /20.8%
5	2018/04	720(100%)	4.5	2.4/N	16.4/ENE	33.8	58.8	6.7	.8	31.9	12.9	6.4	48.8	NNW/17.4%
6	2018/05	740(100%)	3.5	.7/NNE	14.3/ENE	55.1	39.9	4.7	.3	26.5	17.4	18.5	37.6	NW /14.7%
7	2018/06	710(99%)	4.2	1.0/NNE	14.1/S	46.5	41.8	11.5	.1	38.6	10.8	18.6	32.0	NNW/12.8%
8	2018/07	716(96%)	3.5	1.5/NNE	12.2/SSW	53.6	40.9	5.4	.0	40.6	12.3	15.4	31.7	NNE/11.5%
9	2018/08	737(99%)	2.6	.2/NE	12.6/NNE	73.4	25.0	1.6	.0	24.3	27.5	22.0	26.2	N / 7.6%
10	2018/09	707(98%)	3.7	.5/N	13.1/W	55.2	36.2	8.6	.0	28.4	23.3	23.1	25.2	NE / 8.9%
11	2018/10	739(99%)	5.1	1.4/N	14.1/N	21.0	65.0	13.9	.1	28.7	18.3	16.5	36.5	N /11.9%
12	2018/11	720(100%)	4.6	.8/NE	12.3/NNE	27.6	64.0	8.3	.0	32.2	23.9	18.6	25.3	N / 9.9%
13	2018/冬	2159(100%)	6.5	5.3/N	18.1/ENE	9.7	66.4	22.6	1.3	47.9	.9	.6	50.6	NNW/31.0%
14	2018/春	2202(100%)	4.4	2.2/NNE	17.3/ENE	36.9	53.9	8.6	.6	34.4	12.7	10.6	42.3	NNW/15.6%
15	2018/夏	2163(98%)	3.4	.9/NNE	14.1/S	58.0	35.8	6.1	.0	34.4	17.0	18.7	29.9	NNW/10.5%
16	2018/秋	2166(99%)	4.5	.9/N	14.1/N	34.3	55.3	10.3	.0	29.8	21.8	19.3	29.1	N / 9.7%
17	2018/年	8690(99%)	4.7	2.3/NNE	18.1/ENE	34.8	52.8	11.9	.5	36.6	13.1	12.3	38.0	NNW/16.4%

1-2-1

表1.2.2 2018年臺東海域 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	589(79%)	5.1	4.7/NNW	10.5/NW	25.1	63.2	11.7	.0	7.3	3.4	.3	89.0	NW /55.9%
2	2018/01	507(68%)	3.7	3.0/NNW	8.1/NNW	44.8	55.0	.2	.0	16.6	10.3	.4	72.8	NW /35.1%
3	2018/02	513(76%)	4.2	3.4/NNW	9.4/NNW	38.6	56.7	4.7	.0	21.6	6.4	.8	71.2	NW /36.3%
4	2018/03	742(100%)	3.0	1.0/ESE	9.8/SE	67.1	31.1	1.8	.0	29.5	42.7	1.3	26.4	SE /23.2%
5	2018/04	473(66%)	3.0	1.0/E	8.9/SE	67.4	30.7	1.9	.0	29.6	43.1	2.7	24.5	SE /26.2%
6	2018/05	612(82%)	2.9	1.6/SE	8.6/SE	65.7	32.8	1.5	.0	17.2	62.9	2.5	17.5	SE /46.2%
7	2018/06	678(94%)	3.3	.8/E	10.7/SE	54.7	43.8	1.5	.0	20.9	44.8	2.8	31.4	SE /22.0%
8	2018/07	688(93%)	2.5	.5/ESE	10.3/SE	71.9	27.6	.4	.0	26.0	40.4	7.8	25.7	SE /19.0%
9	2018/08	703(95%)	2.6	1.7/SSE	9.6/SE	71.1	27.7	1.1	.0	16.1	57.9	14.1	11.9	SE /28.9%
10	2018/09	678(94%)	3.1	1.7/NNW	11.8/NNW	67.1	28.2	4.7	.0	27.4	25.5	2.5	44.5	NW /21.7%
11	2018/10	706(95%)	4.1	3.2/NNW	10.6/NNW	41.5	51.7	6.8	.0	17.4	12.7	.8	69.0	NW /38.1%
12	2018/11	682(95%)	2.9	1.8/NNW	10.6/NW	67.6	30.1	2.3	.0	29.0	16.1	1.2	53.7	NW /26.2%
13	2018/冬	1609(75%)	4.4	3.7/NNW	10.5/NW	35.6	58.5	5.8	.0	14.8	6.5	.5	78.2	NW /43.1%
14	2018/春	1827(83%)	3.0	1.1/E	9.8/SE	66.7	31.6	1.7	.0	25.4	49.6	2.1	22.9	SE /31.7%
15	2018/夏	2069(94%)	2.8	.9/SE	10.7/SE	66.0	33.0	1.0	.0	21.0	47.8	8.3	22.9	SE /23.3%
16	2018/秋	2066(95%)	3.4	2.2/NNW	11.8/NNW	58.5	36.8	4.6	.0	24.5	18.1	1.5	55.9	NW /28.8%
17	2018/年	7571(86%)	3.3	1.1/N	11.8/NNW	57.7	39.1	3.2	.0	21.7	31.3	3.3	43.7	NW /22.0%

1-2-2

表1.2.3 2018年臺東海域 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	724(97%)	4.0	3.8/NW	8.7/NW	37.0	62.0	1.0	.0	4.7	3.2	1.2	90.9	NW /78.2%
2	2018/01	495(67%)	3.0	2.3/NW	6.7/NW	61.0	39.0	.0	.0	10.9	10.3	2.0	76.8	NW /60.6%
3	2018/02	131(20%)	3.0	1.5/NW	9.1/S	62.6	34.4	3.1	.0	17.6	6.9	9.2	66.4	NW /48.9%
4	2018/03	735(99%)	2.7	.3/SSE	8.9/S	73.9	25.7	.4	.0	18.5	36.5	14.7	30.3	NW /21.2%
5	2018/04	713(99%)	2.7	.5/SSE	8.1/S	72.5	27.2	.3	.0	20.8	38.8	15.0	25.4	NW /18.8%
6	2018/05	732(98%)	2.8	1.4/S	7.9/S	67.1	32.8	.1	.0	16.7	26.1	35.9	21.3	S /23.8%
7	2018/06	714(99%)	3.3	1.4/SW	11.5/SSW	62.0	29.8	8.1	.0	17.9	16.4	30.7	35.0	NW /22.3%
8	2018/07	741(100%)	2.7	1.0/SW	10.5/SSW	75.6	18.9	5.5	.0	26.7	14.0	28.5	30.8	NW /17.5%
9	2018/08	732(98%)	3.3	2.1/SSW	10.9/SSW	61.5	31.8	6.7	.0	19.3	13.9	51.0	15.8	SW /18.4%
10	2018/09	708(98%)	2.6	1.2/NW	8.9/NNW	73.4	25.7	.8	.0	25.1	14.5	12.0	48.3	NW /35.3%
11	2018/10	732(98%)	3.3	2.5/NW	8.2/NW	52.5	47.3	.3	.0	12.2	13.4	3.1	71.3	NW /61.6%
12	2018/11	708(98%)	2.3	1.3/NNW	8.6/NW	80.4	18.6	1.0	.0	16.4	19.5	4.8	59.3	NW /44.5%
13	2018/冬	1350(63%)	3.5	3.0/NW	9.1/S	48.3	50.9	.8	.0	8.2	6.1	2.3	83.3	NW /68.9%
14	2018/春	2180(99%)	2.7	.7/S	8.9/S	71.1	28.6	.3	.0	18.6	33.8	21.9	25.7	NW /18.0%
15	2018/夏	2187(99%)	3.1	1.5/SW	11.5/SSW	66.4	26.8	6.8	.0	21.4	14.8	36.7	27.2	NW /15.2%
16	2018/秋	2148(98%)	2.7	1.7/NW	8.9/NNW	68.6	30.7	.7	.0	17.8	15.8	6.6	59.8	NW /47.3%
17	2018/年	7865(90%)	3.0	.9/WNW	11.5/SSW	65.2	32.5	2.3	.0	17.4	18.8	18.5	45.3	NW /34.0%

1-2-3

表1.2.4 2018年臺東海域 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	740(100%)	4.3	3.7/NE	12.0/NE	47.8	37.4	14.7	.0	67.6	.1	.0	32.3	NE /33.6%
2	2018/01	739(99%)	3.4	2.7/NE	12.6/ENE	60.9	33.2	6.0	.0	61.2	.3	1.2	37.3	NE /26.5%
3	2018/02	664(99%)	3.3	2.5/NE	10.4/ENE	63.3	31.3	5.4	.0	58.4	.9	2.7	38.0	NE /25.5%
4	2018/03	734(99%)	3.2	1.9/NE	12.4/ENE	63.2	32.2	4.6	.0	48.1	3.4	10.9	37.6	ENE/21.8%
5	2018/04	713(99%)	2.6	1.4/NE	10.9/NE	72.1	24.8	3.1	.0	45.4	7.2	12.6	34.8	NE /16.0%
6	2018/05	732(98%)	2.1	.3/NNE	11.1/ENE	81.4	17.6	1.0	.0	33.5	8.5	29.9	28.1	SW /17.9%
7	2018/06	709(99%)	2.8	.6/NE	11.7/SW	68.0	28.3	3.7	.0	47.0	4.2	23.3	25.5	ENE/20.6%
8	2018/07	740(100%)	2.3	1.0/NE	9.5/SW	77.0	22.2	.8	.0	48.4	7.2	15.7	28.8	ENE/19.3%
9	2018/08	731(98%)	2.1	.3/WSW	12.0/WSW	81.4	17.8	.8	.0	27.5	9.2	31.1	32.3	SW /15.9%
10	2018/09	712(99%)	2.7	1.8/NE	10.3/ENE	73.2	22.2	4.6	.0	52.5	8.7	8.1	30.6	ENE/22.1%
11	2018/10	732(98%)	3.4	2.8/NE	10.8/NE	58.5	31.7	9.8	.0	59.6	2.3	2.3	35.8	NE /30.6%
12	2018/11	702(98%)	2.9	2.4/NE	9.4/NE	66.5	31.2	2.3	.0	61.3	1.1	.6	37.0	NE /26.2%
13	2018/冬	2143(99%)	3.7	3.0/NE	12.6/ENE	57.1	34.1	8.8	.0	62.5	.4	1.3	35.8	NE /28.7%
14	2018/春	2179(99%)	2.6	1.2/NE	12.4/ENE	72.2	24.9	2.9	.0	42.3	6.3	17.9	33.5	ENE/16.2%
15	2018/夏	2180(99%)	2.4	.4/NE	12.0/WSW	75.6	22.7	1.7	.0	40.9	6.9	23.3	28.9	ENE/16.7%
16	2018/秋	2146(98%)	3.0	2.3/NE	10.8/NE	66.0	28.4	5.6	.0	57.8	4.1	3.7	34.5	NE /24.2%
17	2018/年	8648(99%)	2.9	1.7/NE	12.6/ENE	67.8	27.5	4.8	.0	50.8	4.4	11.6	33.2	NE /19.5%

1-2-4

表 1.2.5 2018 年臺東海域 O 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%)	4.7	4.6/NNE	10.5/NNE	27.3	67.3	5.4	.0	86.0	.3	.0	13.7	N /47.8%
2	2018/01	744(100%)	3.7	3.4/NNE	9.1/N	42.9	56.0	1.1	.0	77.2	1.3	1.3	20.2	N /40.3%
3	2018/02	672(100%)	3.7	3.4/N	7.8/NNE	43.8	56.3	.0	.0	74.1	2.2	3.4	20.2	N /43.6%
4	2018/03	744(100%)	3.1	2.2/N	10.3/N	62.1	37.2	.7	.0	44.1	5.5	11.7	38.7	N /30.6%
5	2018/04	720(100%)	2.8	1.7/N	9.0/NNE	69.7	29.4	.8	.0	41.1	9.7	14.4	34.7	NNW/24.0%
6	2018/05	744(100%)	2.3	.4/NNW	7.8/NNE	80.5	19.5	.0	.0	24.3	8.1	36.4	31.2	S /17.6%
7	2018/06	720(100%)	2.4	.9/N	7.0/S	78.8	21.3	.0	.0	38.2	9.3	23.5	29.0	N /17.1%
8	2018/07	744(100%)	2.2	1.2/N	7.2/NNE	81.7	18.3	.0	.0	36.0	12.2	13.7	38.0	NNW/21.6%
9	2018/08	744(100%)	1.9	.4/NW	11.2/S	92.3	7.5	.1	.0	19.2	16.1	25.5	39.1	NNW/21.4%
10	2018/09	720(100%)	2.9	2.1/N	8.9/NNE	68.6	30.3	1.1	.0	42.9	13.1	7.4	36.7	N /20.1%
11	2018/10	744(100%)	4.0	3.7/NNE	10.3/NNE	40.6	56.6	2.8	.0	79.2	1.6	2.2	17.1	NNE/44.1%
12	2018/11	720(100%)	3.1	2.6/N	7.9/N	60.6	39.3	.1	.0	58.2	6.5	1.1	34.2	NNE/32.5%
13	2018/冬	2160(100%)	4.0	3.8/NNE	10.5/NNE	37.8	60.0	2.2	.0	79.3	1.3	1.5	18.0	N /43.9%
14	2018/春	2208(100%)	2.7	1.4/N	10.3/N	70.8	28.7	.5	.0	36.5	7.7	20.9	34.9	NNW/21.9%
15	2018/夏	2208(100%)	2.1	.8/N	11.2/S	84.3	15.6	.0	.0	31.1	12.6	20.9	35.5	NNW/19.0%
16	2018/秋	2184(100%)	3.4	2.8/NNE	10.3/NNE	56.4	42.2	1.4	.0	60.3	7.0	3.5	29.2	NNE/32.3%
17	2018/年	8760(100%)	3.1	2.2/N	11.2/S	62.5	36.5	1.0	.0	51.6	7.2	11.8	29.4	N /26.1%

1-2-5

表1.2.6 2018年臺東海域 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	744(100%)	7.4	7.2/NNE	25.8/NNE	2.0	64.2	28.9	4.8	96.8	.0	.0	3.2	N /56.2%
2	2018/01	744(100%)	6.9	6.2/NNE	19.2/NNE	5.0	68.4	22.0	4.6	91.0	2.4	3.8	2.8	N /50.5%
3	2018/02	672(100%)	7.9	6.6/NNE	25.5/NNE	5.5	58.0	24.1	12.4	85.4	5.2	6.7	2.7	NNE/42.3%
4	2018/03	744(100%)	5.9	3.0/NE	14.4/WSW	4.6	78.2	16.8	.4	78.5	2.3	17.3	1.9	NNE/32.8%
5	2018/04	720(100%)	5.7	2.7/NE	20.5/NNE	7.2	80.3	11.7	.8	72.5	8.8	18.3	.4	NNE/31.4%
6	2018/05	744(100%)	5.4	2.2/WSW	21.9/W	22.3	60.1	15.6	2.0	27.0	10.6	60.1	2.3	WSW/23.8%
7	2018/06	720(100%)	7.5	3.3/W	23.0/SW	16.0	43.9	29.7	10.4	41.8	2.4	52.1	3.8	WSW/24.7%
8	2018/07													
9	2018/08													
10	2018/09													
11	2018/10													
12	2018/11													
13	2018/冬	2160(100%)	7.3	6.6/NNE	25.8/NNE	4.1	63.8	25.0	7.1	91.3	2.5	3.4	2.9	N /46.5%
14	2018/春	2208(100%)	5.7	1.2/NNE	21.9/W	11.4	72.8	14.7	1.1	59.2	7.2	32.1	1.5	NNE/25.6%
15	2018/夏	720(33%)	7.5	3.3/W	23.0/SW	16.0	43.9	29.7	10.4	41.8	2.4	52.1	3.8	WSW/24.7%
16	2018/秋													
17	2018/年	5088(58%)	6.7	3.1/NNE	25.8/NNE	9.0	64.9	21.2	5.0	70.3	4.5	22.7	2.4	NNE/30.3%

1-2-6

表 1.2.7 2018 年臺東海域 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	559(75%)	4.1	3.8/N	13.1/N	38.5	54.9	6.6	.0	40.6	3.4	1.4	54.6	N /58.3%
2	2018/01	710(95%)	3.9	3.9/N	11.4/NNW	36.1	61.4	2.5	.0	4.4	.0	.0	95.6	N /74.9%
3	2018/02	656(98%)	3.5	3.5/N	10.1/N	46.0	49.8	4.1	.0	4.9	.0	.0	95.1	N /76.8%
4	2018/03	689(93%)	2.1	2.1/N	7.7/NNW	77.5	22.5	.0	.0	3.5	.0	.0	96.5	N /92.6%
5	2018/04	500(69%)	2.0	1.9/N	9.3/NNW	78.2	21.4	.4	.0	12.2	.6	.0	87.2	N /86.0%
6	2018/05	431(58%)	2.2	1.2/NE	23.9/NW	85.6	8.8	3.0	2.6	46.2	24.1	8.4	21.3	E /15.1%
7	2018/06	682(95%)	3.6	2.5/NNE	20.7/NNE	67.6	17.4	11.1	3.8	52.1	16.6	7.5	23.9	NNE/16.1%
8	2018/07	706(95%)	2.9	1.3/NNE	16.3/NNE	68.1	24.5	6.5	.8	41.8	23.8	11.5	22.9	E /13.2%
9	2018/08	720(97%)	1.8	.7/ENE	7.9/NNE	86.8	13.1	.1	.0	40.0	30.7	11.1	18.2	E /15.1%
10	2018/09	663(92%)	5.2	3.9/N	25.8/NW	49.6	24.4	18.1	7.8	46.5	16.4	5.0	32.1	NNE/16.0%
11	2018/10	738(99%)	7.5	6.0/N	29.8/N	31.6	27.2	25.2	16.0	48.6	10.8	4.2	36.3	N /20.1%
12	2018/11	637(89%)	6.8	5.2/NNE	28.7/NNE	28.7	34.7	27.9	8.6	57.3	11.5	3.9	27.3	NNE/19.6%
13	2018/冬	1925(89%)	3.8	3.7/N	13.1/N	40.2	55.6	4.3	.0	15.1	1.0	.4	83.5	N /70.8%
14	2018/春	1620(73%)	2.1	1.7/N	23.9/NW	79.9	18.5	.9	.7	17.5	6.6	2.2	73.6	N /67.8%
15	2018/夏	2108(96%)	2.8	1.4/NNE	20.7/NNE	74.3	18.3	5.8	1.5	44.5	23.8	10.1	21.6	E /12.9%
16	2018/秋	2038(93%)	6.5	5.0/N	29.8/N	36.6	28.7	23.7	11.0	50.6	12.9	4.4	32.1	NNE/18.0%
17	2018/年	7691(88%)	3.9	3.0/N	29.8/N	56.9	30.4	9.2	3.5	33.1	11.6	4.5	50.9	N /38.6%

1-2-7

表1.2.8 2018年臺東海域 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	558(75%)	3.3	3.1/N	9.1/NNW	52.0	47.3	.7	.0	45.3	.0	.4	54.3	N /42.5%
2	2018/01	691(93%)	2.6	2.4/N	7.3/N	68.9	31.1	.0	.0	45.4	.9	1.2	52.5	N /36.6%
3	2018/02	655(98%)	2.5	2.0/N	11.6/SSW	70.8	28.7	.5	.0	42.3	1.8	2.4	53.4	N /37.3%
4	2018/03	709(95%)	2.3	1.1/N	9.8/S	77.9	21.0	1.1	.0	33.0	5.8	8.6	52.6	N /19.9%
5	2018/04	605(84%)	2.3	.7/N	9.2/S	77.7	21.0	1.3	.0	27.9	11.9	11.6	48.6	N /17.9%
6	2018/05	397(53%)	2.2	1.1/S	8.1/S	75.3	24.2	.5	.0	11.1	19.1	36.0	33.8	S /27.2%
7	2018/06	683(95%)	2.5	.4/S	12.6/S	77.2	16.0	6.9	.0	28.1	11.1	22.8	37.9	S /16.0%
8	2018/07	705(95%)	1.4	.4/NNE	8.2/S	87.7	12.1	.3	.0	28.5	10.9	19.4	41.1	NW /15.3%
9	2018/08	724(97%)	1.9	1.0/S	12.5/S	79.1	17.0	3.9	.0	17.1	18.1	26.8	38.0	S /19.3%
10	2018/09	668(93%)	2.0	1.1/N	7.0/N	79.0	21.0	.0	.0	28.7	11.4	9.1	50.7	N /18.3%
11	2018/10	742(100%)	2.9	2.4/N	9.1/S	61.7	37.7	.5	.0	50.7	2.0	2.8	44.5	N /34.1%
12	2018/11	671(93%)	2.0	1.6/N	6.5/NNE	83.3	16.7	.0	.0	39.3	5.8	2.5	52.3	NNW/20.0%
13	2018/冬	1904(88%)	2.7	2.5/N	11.6/SSW	64.6	35.0	.4	.0	44.3	.9	1.4	53.4	N /38.6%
14	2018/春	1711(78%)	2.3	.4/N	9.8/S	77.2	21.7	1.1	.0	26.1	11.0	16.0	46.8	NW /16.7%
15	2018/夏	2112(96%)	1.9	.4/SSE	12.6/S	81.3	15.0	3.6	.0	24.5	13.4	23.1	39.0	S /14.4%
16	2018/秋	2081(95%)	2.3	1.7/N	9.1/S	74.2	25.6	.2	.0	40.0	6.2	4.8	49.0	N /24.4%
17	2018/年	7808(89%)	2.3	1.1/N	12.6/S	74.5	24.2	1.4	.0	33.8	8.0	11.3	46.9	N /21.6%

1-2-8

表1.2.9 2018年臺東海域 C 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%)	4.0	3.7/NNE	9.4/NNE	28.2	71.6	.1	.0	85.5	1.2	1.5	11.8	NNE/58.3%
2	2018/01	744(100%)	3.3	2.9/NNE	7.3/NNE	46.2	53.8	.0	.0	75.8	1.9	1.2	21.1	NNE/48.8%
3	2018/02	672(100%)	3.1	2.5/NNE	6.7/NNE	55.8	44.2	.0	.0	72.0	3.6	3.6	20.8	NNE/41.4%
4	2018/03	744(100%)	2.5	1.5/N	8.2/NNE	70.7	29.2	.1	.0	57.7	7.3	9.3	25.8	NNE/25.9%
5	2018/04	720(100%)	2.4	1.1/NNE	8.1/NNE	80.0	19.6	.4	.0	50.7	13.5	6.9	28.9	NNE/23.1%
6	2018/05	744(100%)	2.1	.2/NNE	8.1/NNE	83.7	16.1	.1	.0	30.5	21.9	14.9	32.7	WNW/16.3%
7	2018/06	720(100%)	2.0	.4/N	6.7/SSE	86.1	13.9	.0	.0	36.3	11.9	18.6	33.2	WNW/15.0%
8	2018/07	744(100%)	2.3	.5/N	7.6/NNE	78.6	21.4	.0	.0	37.9	12.9	24.3	24.9	NNE/17.6%
9	2018/08	744(100%)	1.6	.4/W	5.2/S	94.8	5.2	.0	.0	20.2	15.2	26.5	38.2	WNW/18.1%
10	2018/09	720(100%)	2.3	1.3/NNE	11.4/NNE	84.2	14.6	1.3	.0	43.9	16.4	5.8	33.9	NNE/16.9%
11	2018/10	744(100%)	2.9	2.2/NNE	8.2/NNE	62.8	37.1	.1	.0	60.3	5.2	2.8	31.6	NNE/30.2%
12	2018/11	720(100%)	2.8	2.2/NNE	8.7/NNE	68.8	30.6	.7	.0	67.2	3.5	1.1	28.2	NNE/33.3%
13	2018/冬	2160(100%)	3.5	3.0/NNE	9.4/NNE	43.0	56.9	.0	.0	78.0	2.2	2.0	17.8	NNE/49.8%
14	2018/春	2208(100%)	2.3	1.0/NNE	8.2/NNE	78.1	21.6	.2	.0	46.2	14.2	10.4	29.1	NNE/20.4%
15	2018/夏	2208(100%)	2.0	.3/NNW	7.6/NNE	86.5	13.5	.0	.0	31.4	13.4	23.2	32.1	WNW/15.0%
16	2018/秋	2184(100%)	2.7	1.9/NNE	11.4/NNE	71.8	27.5	.7	.0	57.2	8.3	3.3	31.2	NNE/26.9%
17	2018/年	8760(100%)	2.6	1.5/NNE	11.4/NNE	70.0	29.8	.2	.0	53.0	9.6	9.8	27.6	NNE/27.0%

1-2-9

表 1.2.10 2018年臺東海域 I 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	722(97%)	4.4	4.1/NNE	8.4/NNE	24.8	74.9	.3	.0	78.8	.8	.1	20.2	NNE/34.2%
2	2018/01	719(97%)	3.5	3.2/N	7.4/NNE	41.0	59.0	.0	.0	67.2	1.5	.6	30.7	NNE/30.3%
3	2018/02	649(97%)	3.4	2.9/N	7.8/S	49.9	50.1	.0	.0	61.5	2.8	2.0	33.7	N /30.0%
4	2018/03	726(98%)	3.0	2.0/N	9.0/S	63.8	35.4	.8	.0	44.4	7.2	3.6	44.9	NNW/23.4%
5	2018/04	703(98%)	2.8	1.3/N	11.6/S	75.1	22.5	2.4	.0	37.1	14.1	4.6	44.2	NNW/27.6%
6	2018/05	735(99%)	2.6	.4/N	11.7/S	78.4	19.9	1.8	.0	23.9	22.4	11.0	42.6	NNW/24.4%
7	2018/06	697(97%)	2.3	.6/NNW	8.7/SSE	82.5	17.2	.3	.0	28.0	11.9	17.8	42.3	NNW/19.8%
8	2018/07	732(98%)	2.7	.8/NNW	7.3/SSW	73.0	27.0	.0	.0	28.7	12.4	20.2	38.7	NNW/23.4%
9	2018/08	736(99%)	2.1	.7/WNW	7.8/S	86.7	13.3	.0	.0	12.4	14.7	22.3	50.7	NW /20.7%
10	2018/09	710(99%)	2.6	1.6/N	10.6/NNE	83.0	15.8	1.3	.0	32.0	17.7	2.0	48.3	NNW/27.6%
11	2018/10	732(98%)	3.0	2.5/NNE	9.6/NNE	63.7	35.9	.4	.0	51.0	4.9	.8	43.3	NNW/36.1%
12	2018/11	707(98%)	2.8	2.4/NNE	8.5/NNE	71.7	27.9	.4	.0	58.1	4.2	.3	37.3	NNW/30.6%
13	2018/冬	2090(97%)	3.8	3.4/NNE	8.4/NNE	38.2	61.7	.1	.0	69.4	1.7	.9	28.0	N /31.2%
14	2018/春	2164(98%)	2.8	1.2/N	11.7/S	72.4	25.9	1.7	.0	35.1	14.6	6.4	43.9	NNW/25.1%
15	2018/夏	2165(98%)	2.4	.7/NW	8.7/SSE	80.7	19.2	.1	.0	22.9	13.0	20.1	43.9	NNW/21.2%
16	2018/秋	2149(98%)	2.8	2.2/NNE	10.6/NNE	72.7	26.6	.7	.0	47.0	8.9	1.0	43.0	NNW/31.5%
17	2018/年	8568(98%)	2.9	1.8/N	11.7/S	66.2	33.1	.6	.0	43.4	9.6	7.2	39.8	NNW/23.3%

1-2-10

表1.2.11 2018年臺東海域 Z 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	736(99%)	9.0	8.5/NE	15.9/NNE	2.6	30.7	64.3	2.4	94.4	5.2	.1	.3	NE /38.0%
2	2018/01	725(97%)	7.5	6.9/NE	12.8/NNE	7.2	45.8	47.0	.0	93.1	1.7	2.8	2.5	NNE/42.1%
3	2018/02	644(96%)	7.5	6.2/NE	12.9/NNE	9.5	39.6	50.9	.0	79.3	12.7	6.5	1.4	NNE/44.1%
4	2018/03	722(97%)	6.3	4.5/ENE	13.1/NNE	9.1	65.7	25.2	.0	64.7	23.4	10.5	1.4	ENE/28.8%
5	2018/04	710(99%)	5.5	3.4/E	14.4/NNE	13.0	73.7	13.0	.4	55.1	33.0	10.7	1.3	ENE/26.5%
6	2018/05	449(60%)	3.8	2.0/S	13.5/SW	43.7	51.0	5.3	.0	10.2	24.9	59.5	5.3	SSW/25.2%
7	2018/06	648(90%)	5.2	1.2/SW	13.3/SSW	29.9	51.9	18.2	.0	34.4	9.9	51.4	4.3	SW /23.9%
8	2018/07	663(89%)	5.6	1.1/SSW	15.7/SW	29.9	45.4	23.5	1.2	29.3	20.4	41.6	8.7	WSW/19.8%
9	2018/08	674(91%)	5.3	4.3/SW	12.2/SW	33.1	42.7	24.2	.0	8.8	7.4	78.6	5.2	SW /33.7%
10	2018/09	597(83%)	5.3	3.3/NNE	15.7/N	41.4	31.8	26.3	.5	51.1	16.9	12.7	19.3	N /24.5%
11	2018/10	736(99%)	6.8	6.0/NNE	13.9/NNE	18.1	39.0	42.7	.3	83.6	7.5	3.1	5.8	NNE/34.2%
12	2018/11	660(92%)	6.0	5.4/NE	14.6/NNE	10.3	65.9	23.0	.8	91.8	3.3	2.6	2.3	NE /32.0%
13	2018/冬	2105(98%)	8.0	7.2/NE	15.9/NNE	6.3	38.6	54.3	.9	89.4	6.3	3.0	1.4	NNE/39.8%
14	2018/春	1881(85%)	5.4	2.8/E	14.4/NNE	18.8	65.2	15.8	.2	48.1	27.4	22.3	2.3	ENE/22.0%
15	2018/夏	1985(90%)	5.4	2.2/SW	15.7/SW	31.0	46.6	22.0	.4	24.0	12.5	57.4	6.1	SW /23.9%
16	2018/秋	1993(91%)	6.1	4.9/NNE	15.7/N	22.5	45.8	31.3	.5	76.6	8.9	5.8	8.7	NNE/24.3%
17	2018/年	7964(91%)	6.3	3.1/NE	15.9/NNE	19.5	48.7	31.4	.5	60.1	13.5	21.8	4.6	NE /19.9%

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1.3 2018 年臺東海域**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 Ta-Tung Seas of LTY0 at 2018

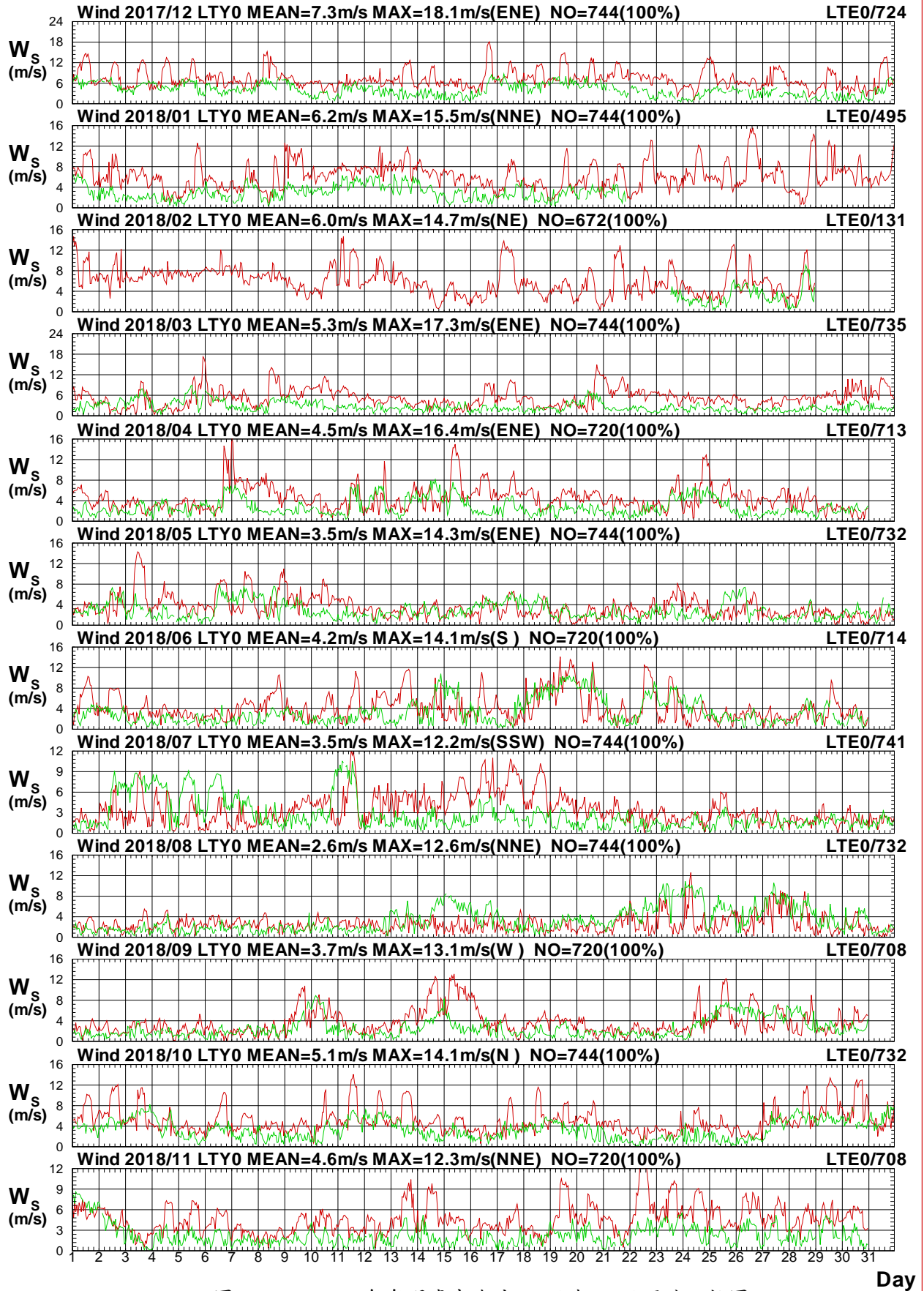


圖1.3.1a 2018年每月臺東海域 Y 站與 E 站風速比較圖

W17CLTY0.1HA W17CLTE0.1HO W181LTY0.1HA W181LTE0.1HO W182LTY0.1HA W182LTE0.1HO
 W183LTY0.1HA W183LTE0.1HO W184LTY0.1HA W184LTE0.1HO W185LTY0.1HA W185LTE0.1HO

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Wind Direction in Ta-Tung Seas of LTY0 at 2018

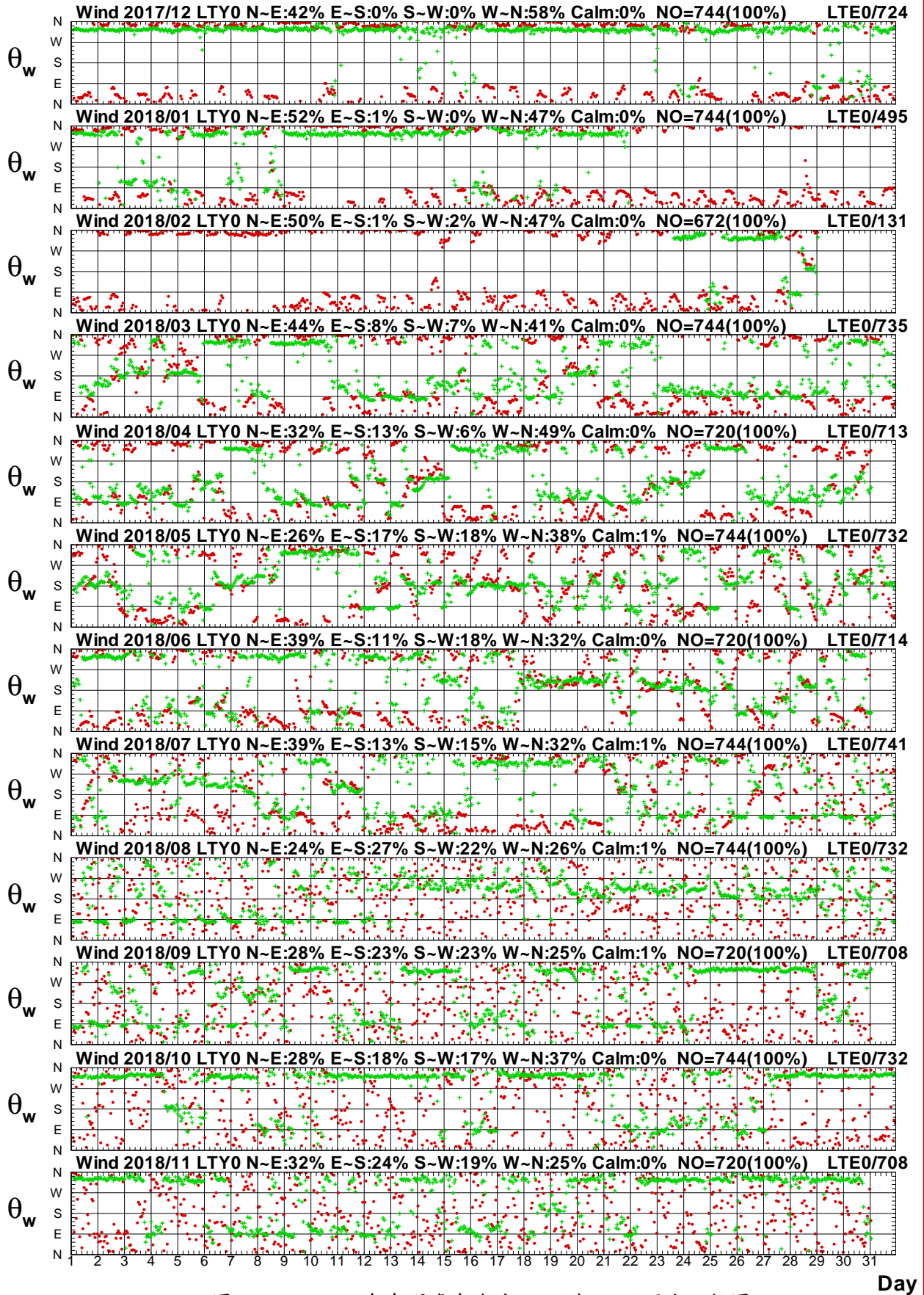


圖1.3.1b 2018年每月臺東海域 Y 站與 E 站風向比較圖

W17CLTY0.1HA W17CLTE0.1H0 W181LTY0.1HA W181LTE0.1H0 W182LTY0.1HA W182LTE0.1H0
 W183LTY0.1HA W183LTE0.1H0 W184LTY0.1HA W184LTE0.1H0 W185LTY0.1HA W185LTE0.1H0

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Wind Speed in Ta-Tung Seas of LTY0 at 2018

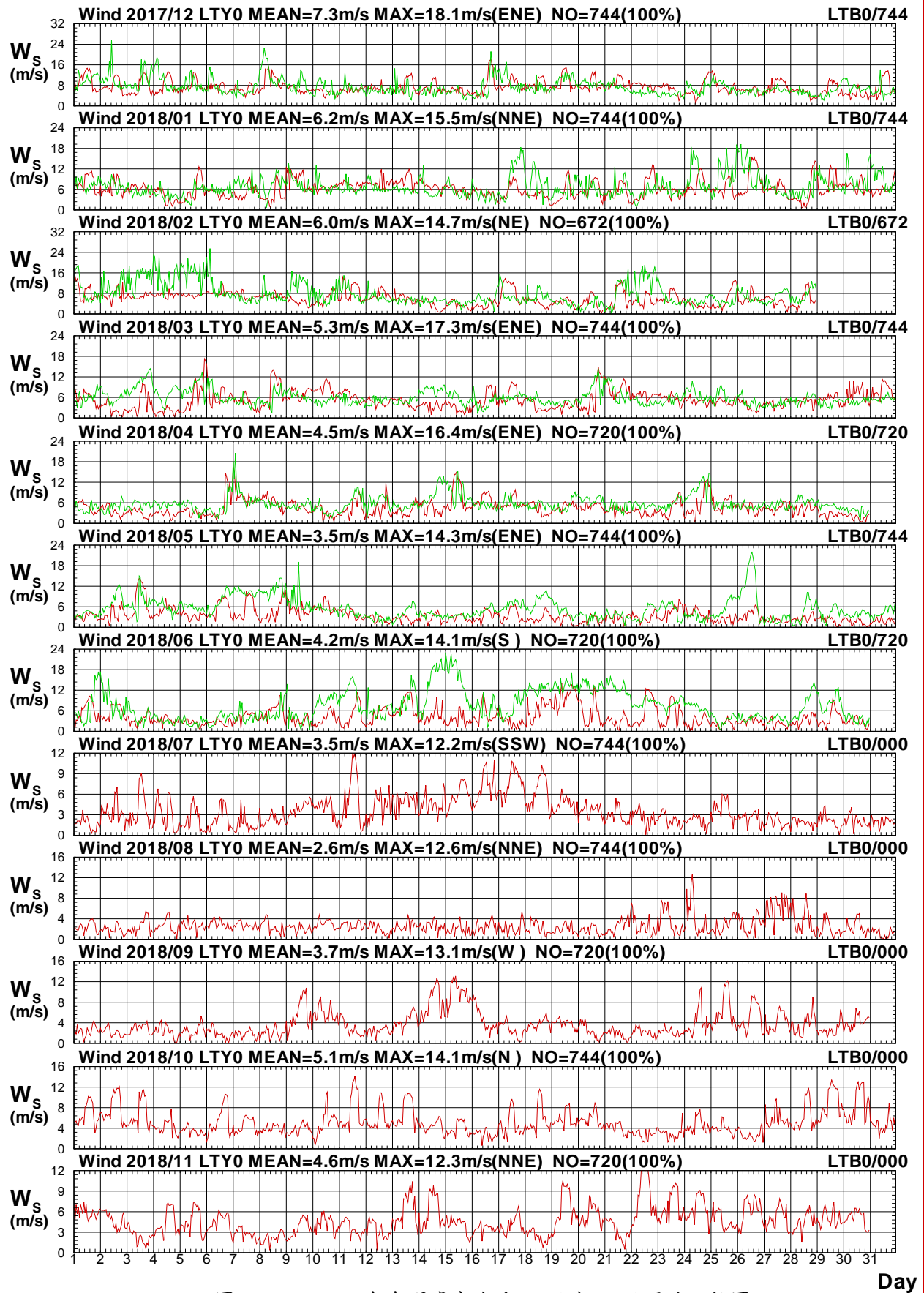


圖1.3.2a 2018年每月臺東海域 Y 站與 B 站風速比較圖

W17CLTY0.1HA W17CLTB0.1H0 W181LTY0.1HA W181LTB0.1H0 W182LTY0.1HA W182LTB0.1H0
 W183LTY0.1HA W183LTB0.1H0 W184LTY0.1HA W184LTB0.1H0 W185LTY0.1HA W185LTB0.1H0

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Wind Direction in Ta-Tung Seas of LTY0 at 2018

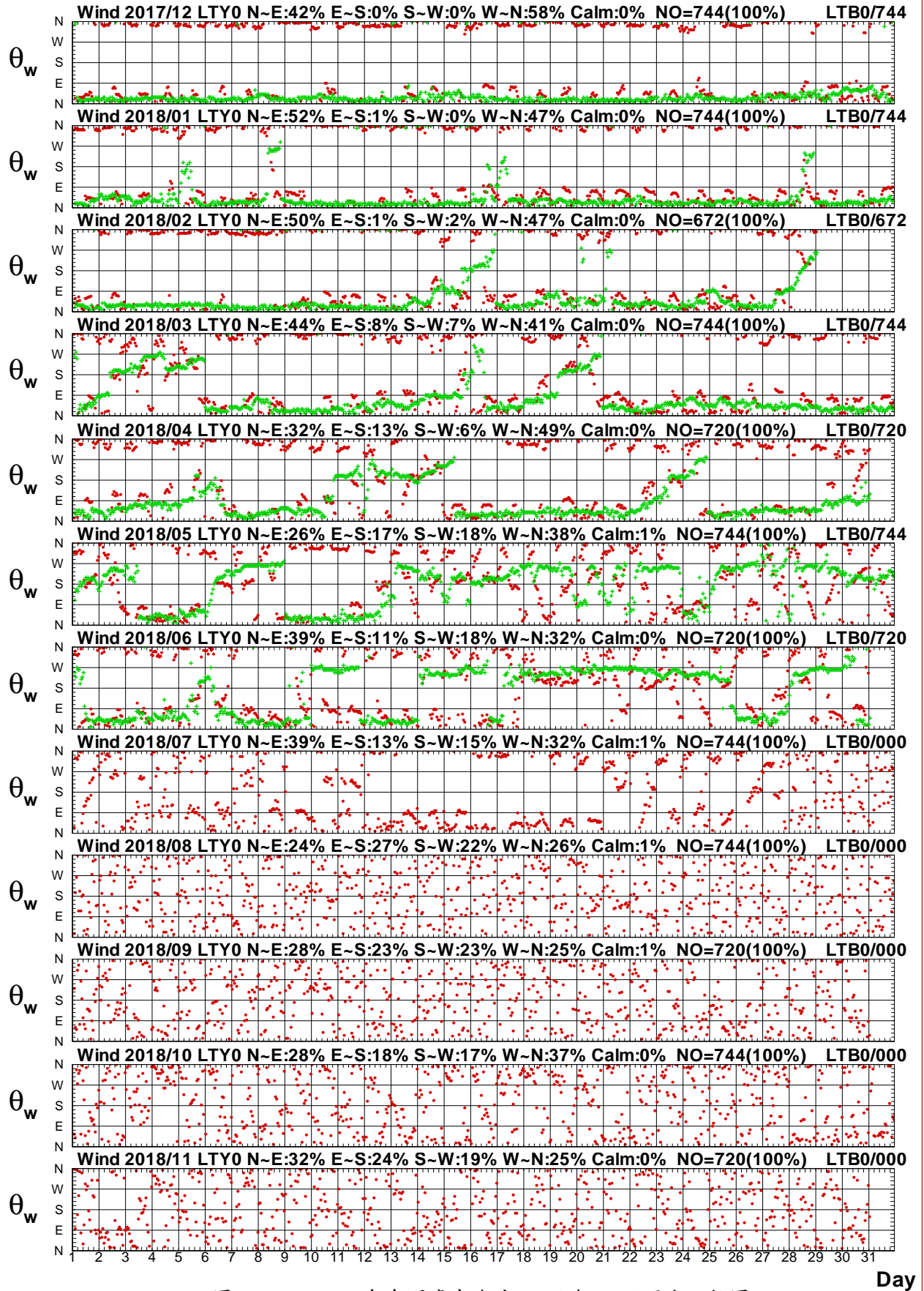


圖1.3.2b 2018年每月臺東海域 Y 站與 B 站風向比較圖

W17CLTY0.1HA W17CLTB0.1H0 W181LTY0.1HA W181LTB0.1H0 W182LTY0.1HA W182LTB0.1H0
 W183LTY0.1HA W183LTB0.1H0 W184LTY0.1HA W184LTB0.1H0 W185LTY0.1HA W185LTB0.1H0

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Wind Speed in Ta-Tung Seas of LTY0 at 2018

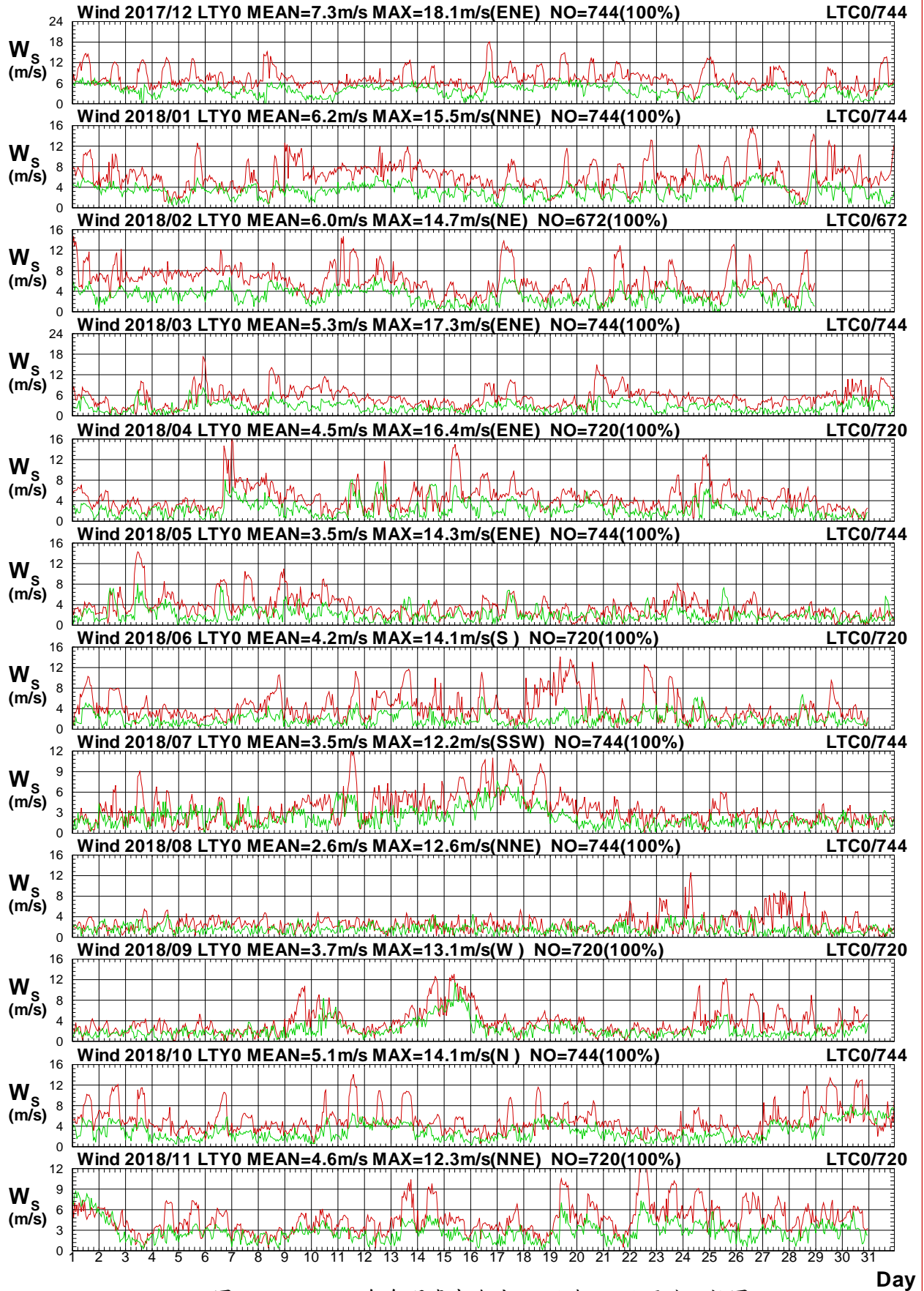


圖1.3.3a 2018年每月臺東海域 Y 站與 C 站風速比較圖

W17CLTY0.1HA W17CLTC0.1H0 W181LTY0.1HA W181LTC0.1H0 W182LTY0.1HA W182LTC0.1H0
 W183LTY0.1HA W183LTC0.1H0 W184LTY0.1HA W184LTC0.1H0 W185LTY0.1HA W185LTC0.1H0

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Wind Direction in Ta-Tung Seas of LTY0 at 2018

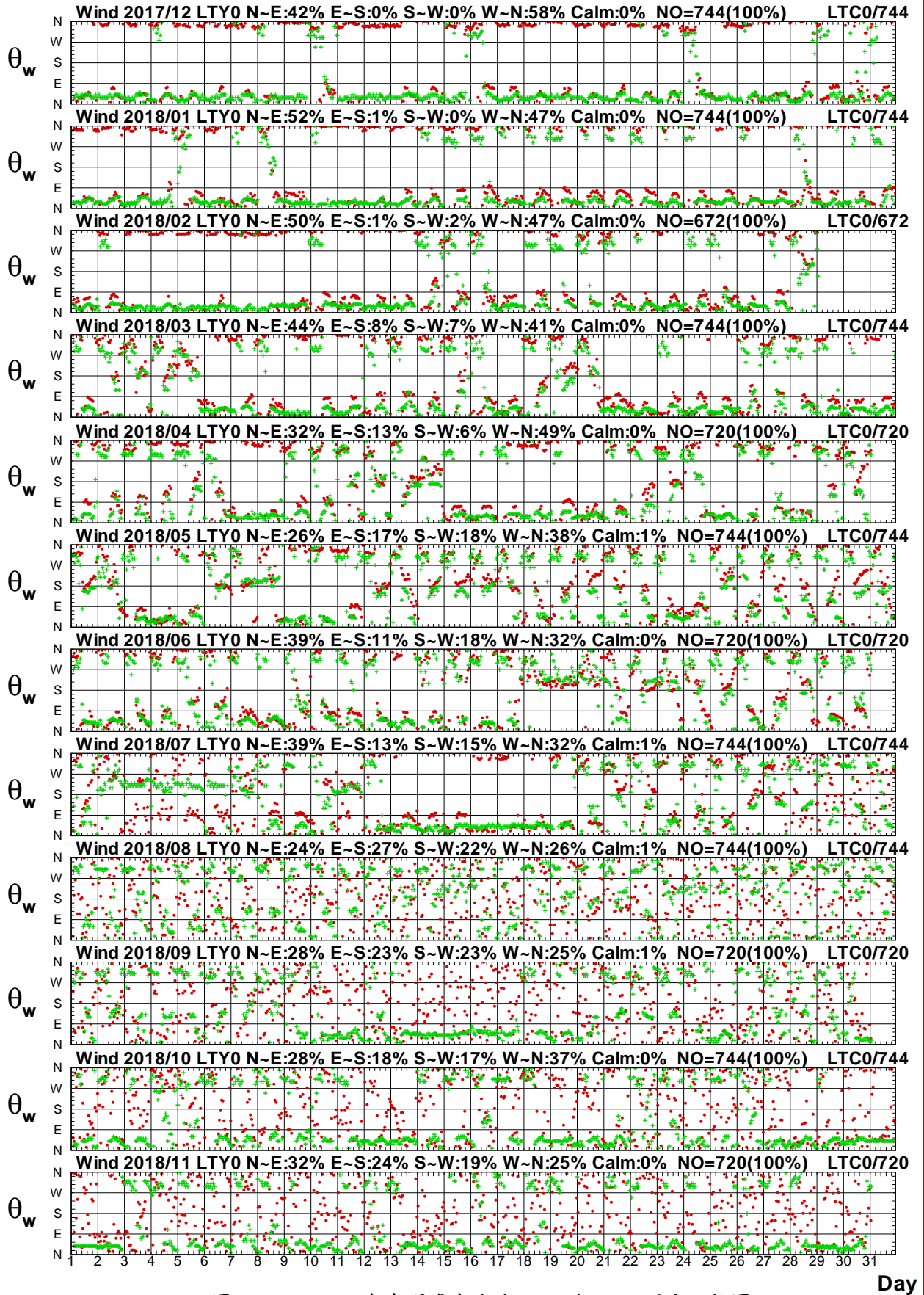


圖1.3.3b 2018年每月臺東海域 Y 站與 C 站風向比較圖

W17CLTY0.1HA W17CLTC0.1H0 W181LTY0.1HA W181LTC0.1H0 W182LTY0.1HA W182LTC0.1H0
 W183LTY0.1HA W183LTC0.1H0 W184LTY0.1HA W184LTC0.1H0 W185LTY0.1HA W185LTC0.1H0

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Wind Speed in Ta-Tung Seas of LTY0 at 2018

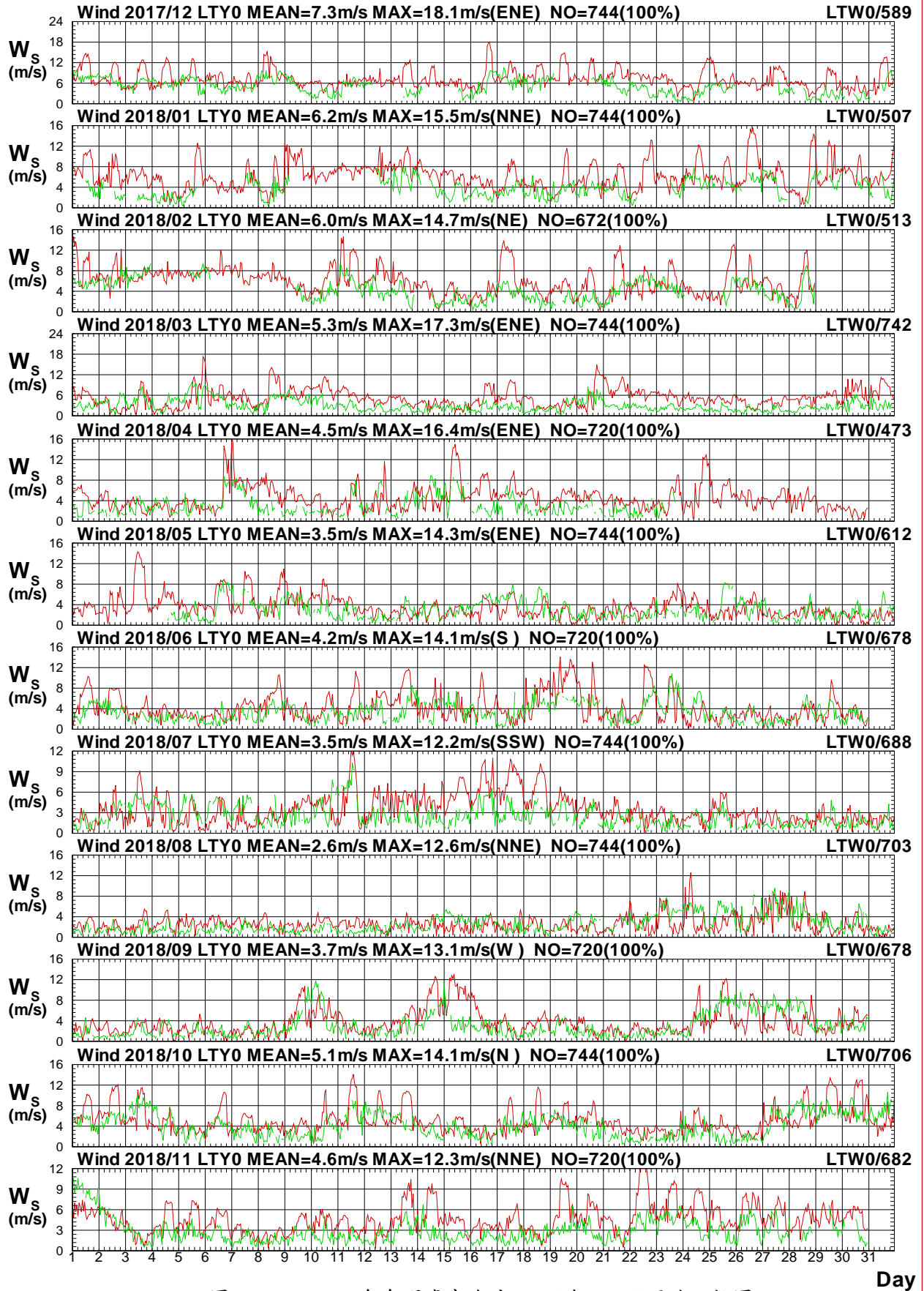


圖1.3.4a 2018年每月臺東海域 Y 站與 W 站風速比較圖

W17CLTY0.1HA W17CLTW0.1HO W181LTY0.1HA W181LTW0.1HO W182LTY0.1HA W182LTW0.1HO
W183LTY0.1HA W183LTW0.1HO W184LTY0.1HA W184LTW0.1HO W185LTY0.1HA W185LTW0.1HO

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Wind Direction in Ta-Tung Seas of LTY0 at 2018

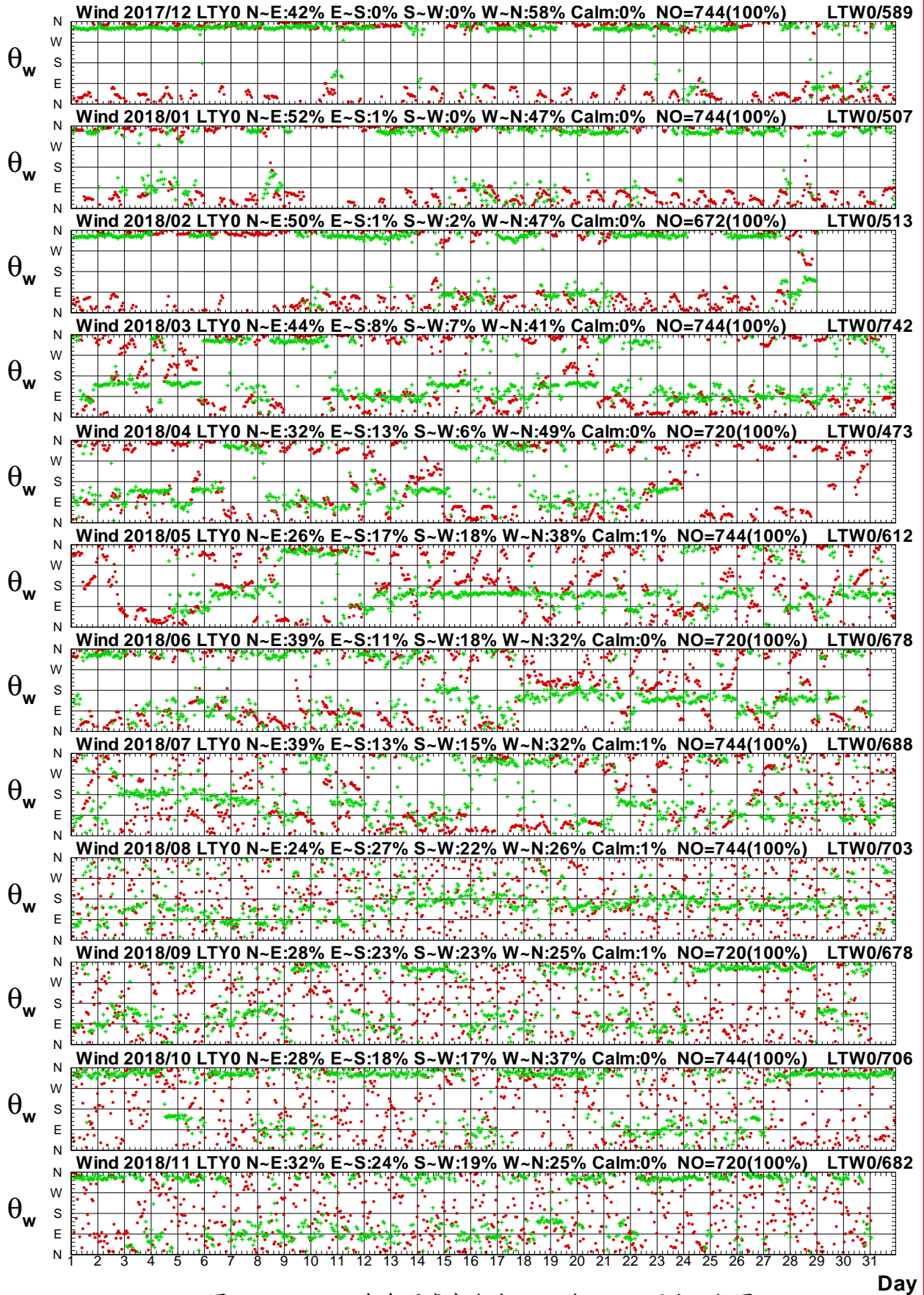


圖1.3.4b 2018年每月臺東海域 Y 站與 W 站風向比較圖

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W183LTY0.1HA W183LTW0.1H0 W184LTY0.1HA W184LTW0.1H0 W185LTY0.1HA W185LTW0.1H0

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Wind Speed in Ta-Tung Seas of LTY0 at 2018

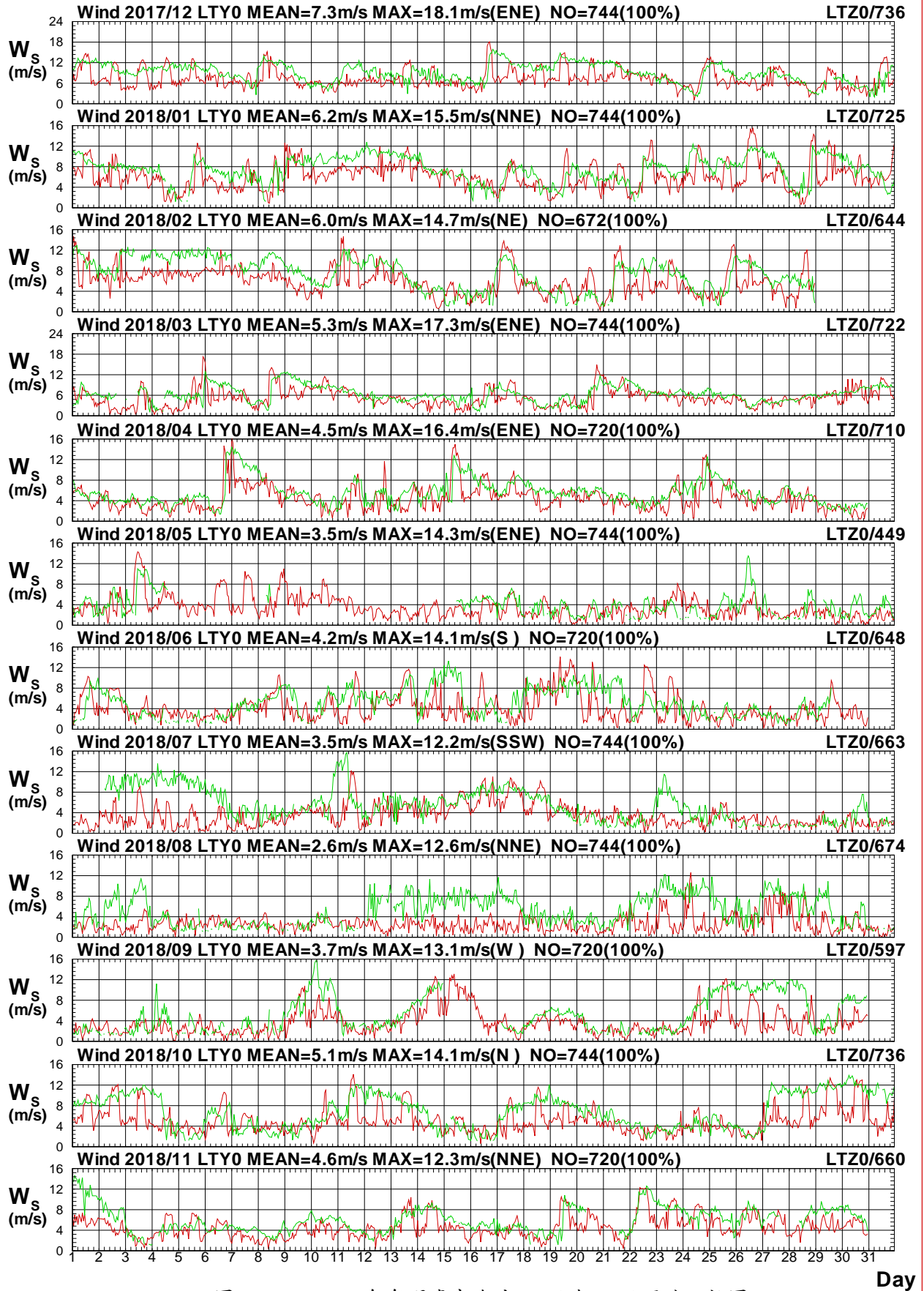


圖1.3.5a 2018年每月臺東海域 Y 站與 Z 站風速比較圖

W17CLTY0.1HA W17CLTZ0.1HO W181LTY0.1HA W181LTZ0.1HO W182LTY0.1HA W182LTZ0.1HO
 W183LTY0.1HA W183LTZ0.1HO W184LTY0.1HA W184LTZ0.1HO W185LTY0.1HA W185LTZ0.1HO

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Wind Direction in Ta-Tung Seas of LTY0 at 2018

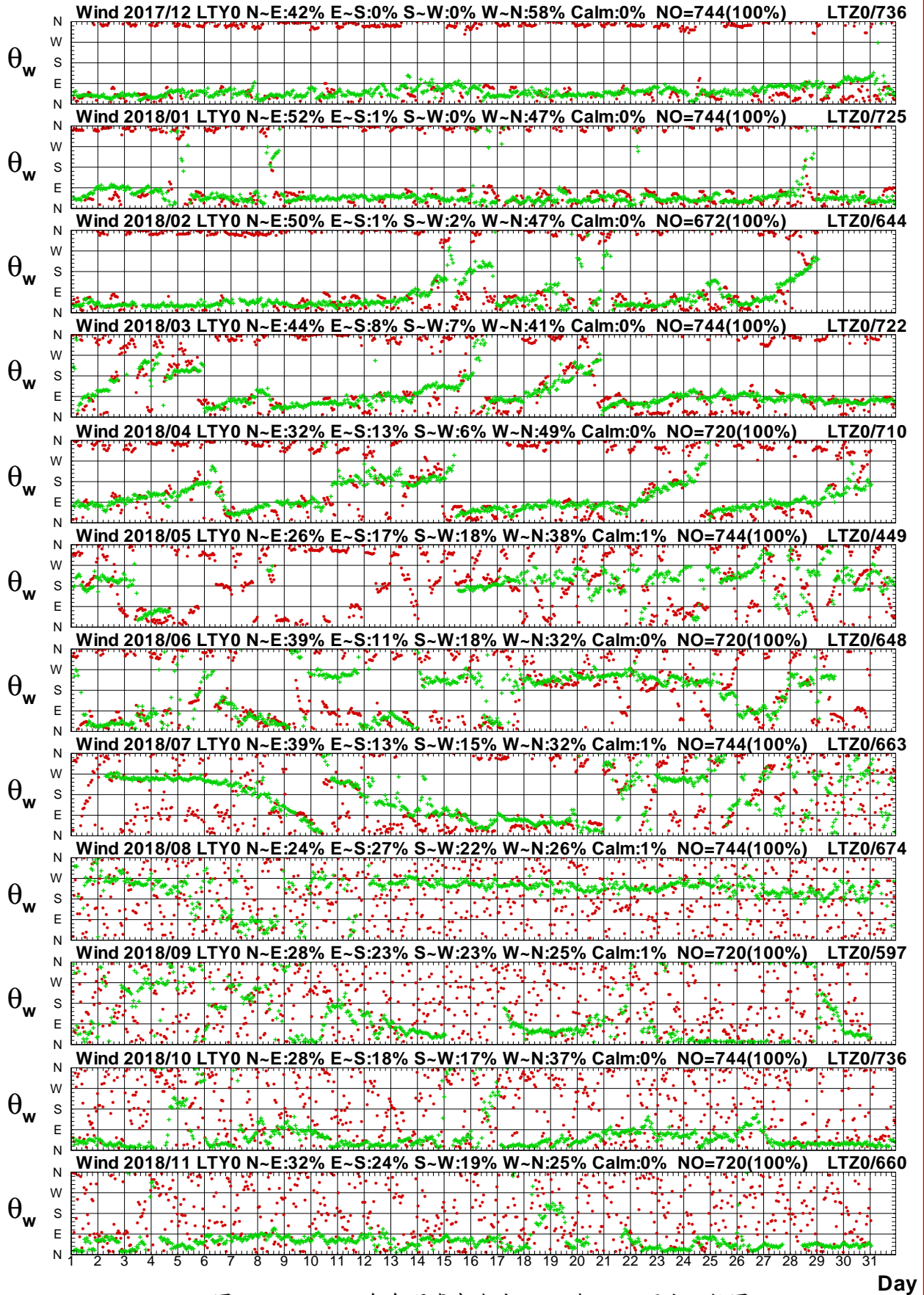


圖1.3.5b 2018年每月臺東海域 Y 站與 Z 站風向比較圖

W17CLTY0.1HA W17CLTZ0.1H0 W181LTY0.1HA W181LTZ0.1H0 W182LTY0.1HA W182LTZ0.1H0
 W183LTY0.1HA W183LTZ0.1H0 W184LTY0.1HA W184LTZ0.1H0 W185LTY0.1HA W185LTZ0.1H0

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Wind Speed in Ta-Tung Seas of LTY0 at 2018

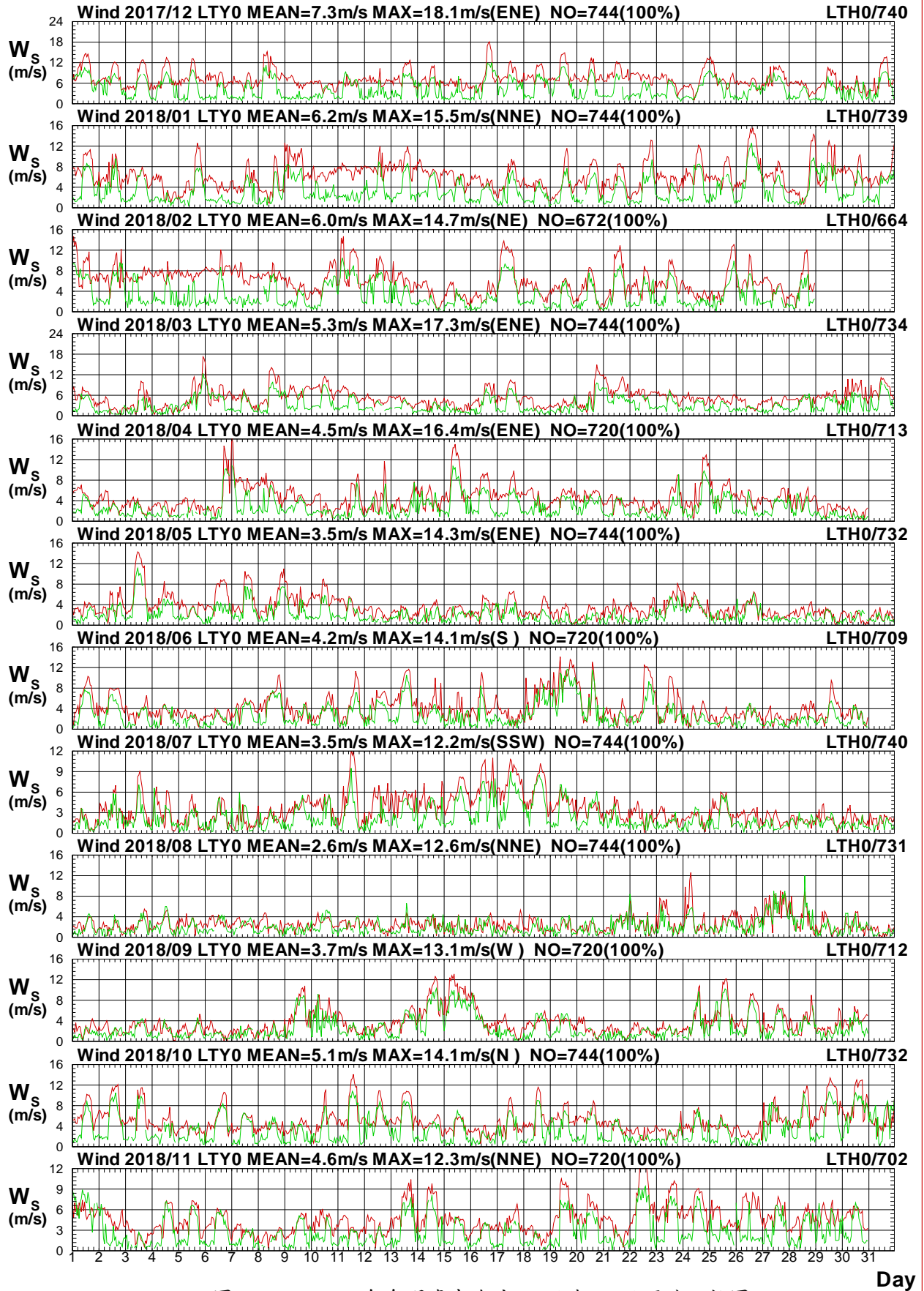


圖1.3.6a 2018年每月臺東海域 Y 站與 H 站風速比較圖

W17CLTY0.1HA W17CLTH0.1H0 W181LTY0.1HA W181LTH0.1H0 W182LTY0.1HA W182LTH0.1H0
 W183LTY0.1HA W183LTH0.1H0 W184LTY0.1HA W184LTH0.1H0 W185LTY0.1HA W185LTH0.1H0

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Wind Direction in Ta-Tung Seas of LTY0 at 2018

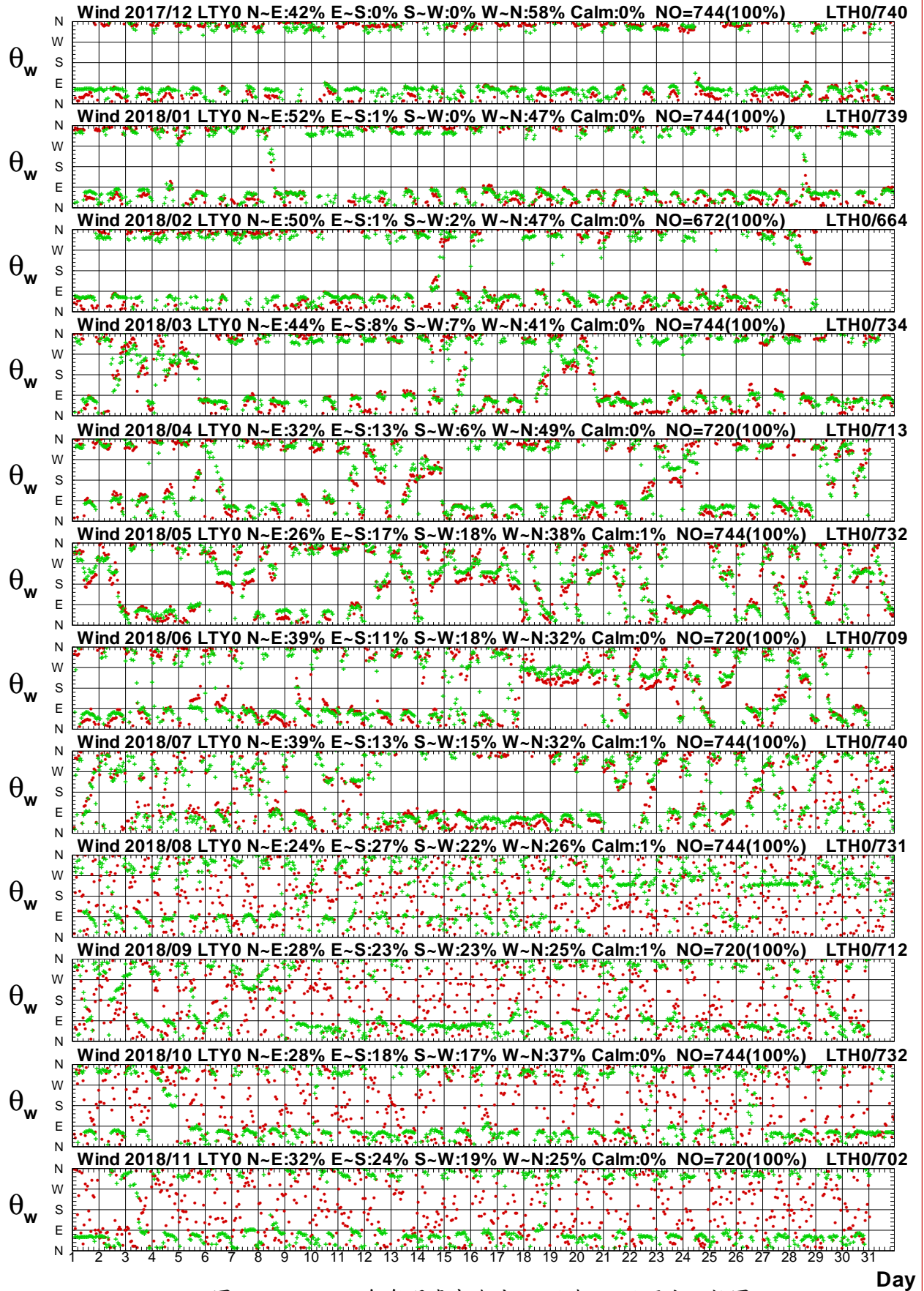


圖1.3.6b 2018年每月臺東海域 Y 站與 H 站風向比較圖

W17CLTY0.1HA W17CLTH0.1H0 W181LTY0.1HA W181LTH0.1H0 W182LTY0.1HA W182LTH0.1H0
 W183LTY0.1HA W183LTH0.1H0 W184LTY0.1HA W184LTH0.1H0 W185LTY0.1HA W185LTH0.1H0

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Wind Speed in Ta-Tung Seas of LTY0 at 2018

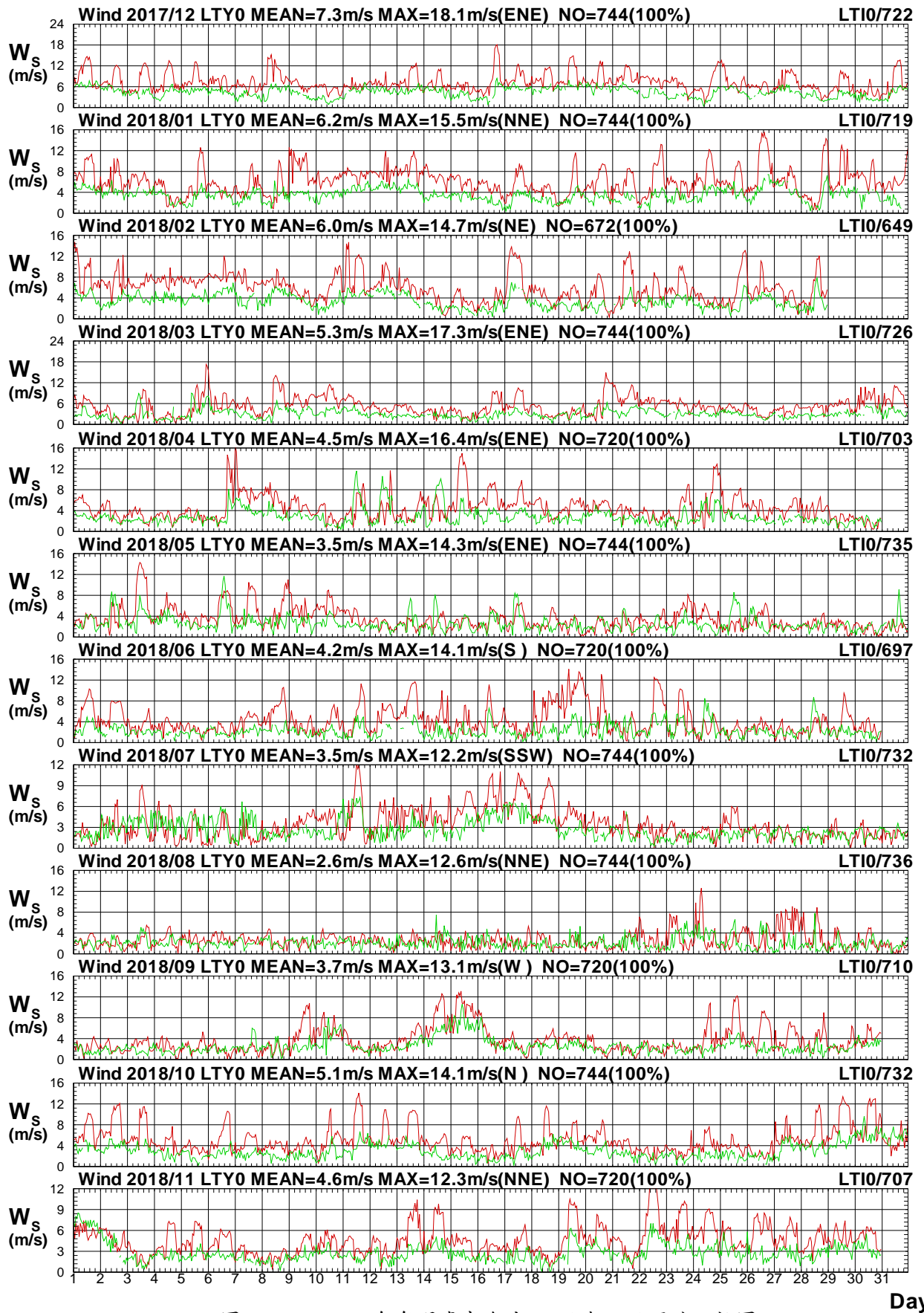


圖1.3.7a 2018年每月臺東海域 Y 站與 I 站風速比較圖

W17CLTY0.1HA W17CLTI0.1H0 W181LTY0.1HA W181LTI0.1H0 W182LTY0.1HA W182LTI0.1H0
W183LTY0.1HA W183LTI0.1H0 W184LTY0.1HA W184LTI0.1H0 W185LTY0.1HA W185LTI0.1H0

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Wind Direction in Ta-Tung Seas of LTY0 at 2018

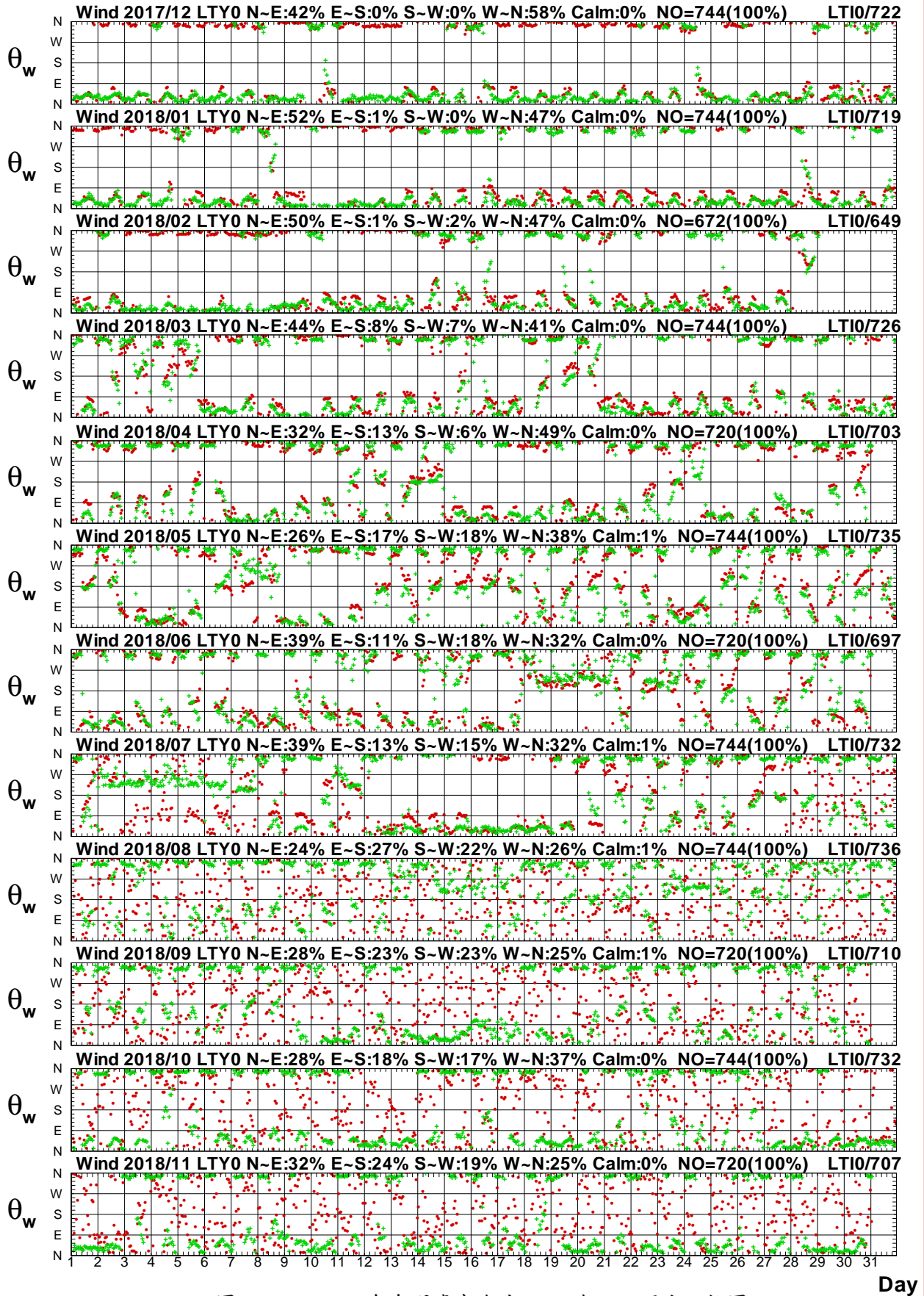


圖1.3.7b 2018年每月臺東海域 Y 站與 I 站風向比較圖

W17CLTY0.1HA W17CLTI0.1H0 W181LTY0.1HA W181LTI0.1H0 W182LTY0.1HA W182LTI0.1H0
 W183LTY0.1HA W183LTI0.1H0 W184LTY0.1HA W184LTI0.1H0 W185LTY0.1HA W185LTI0.1H0

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Wind Speed in Ta-Tung Seas of LTY0 at 2018

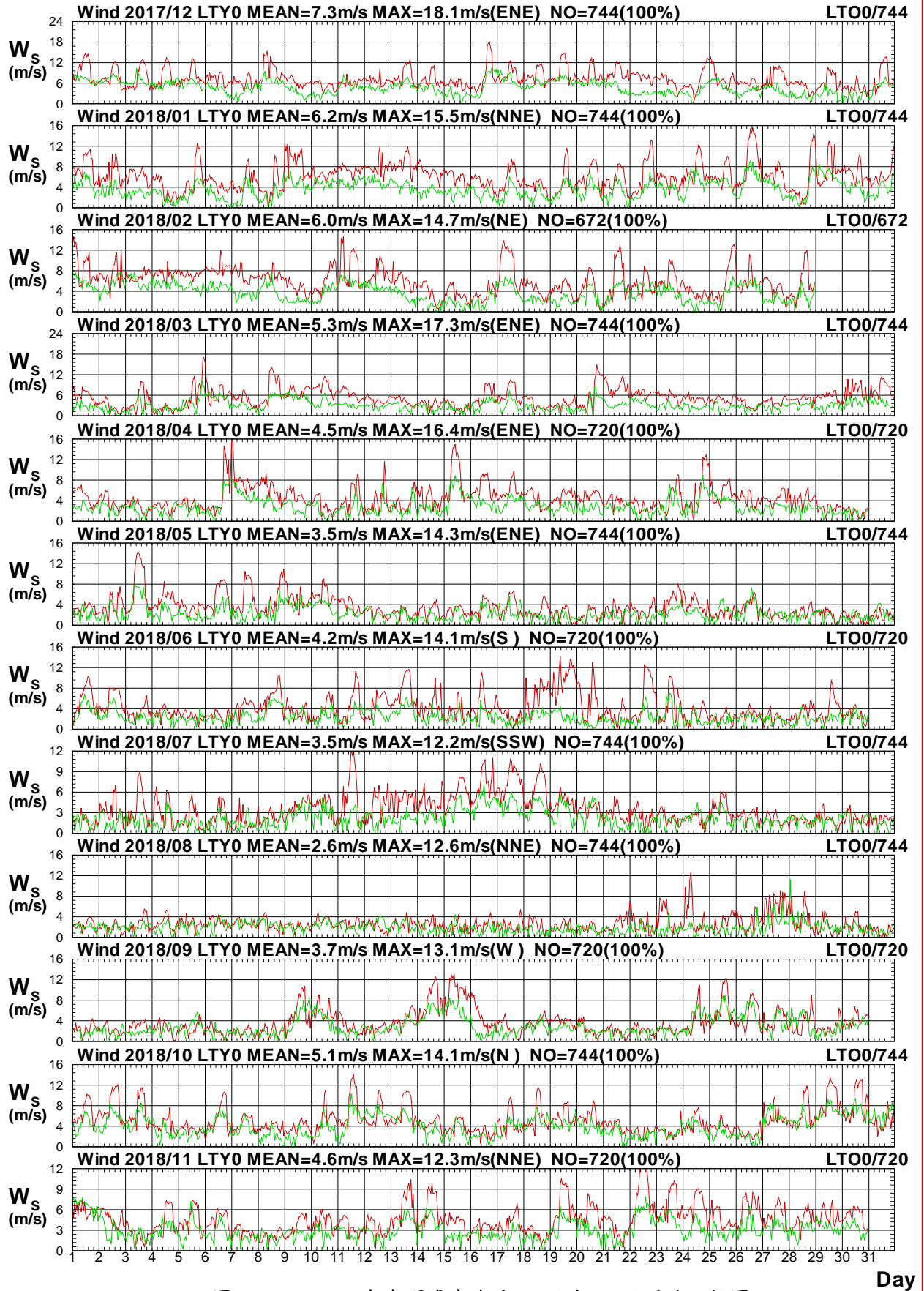


圖1.3.8a 2018年每月臺東海域 Y 站與 O 站風速比較圖

W17CLTY0.1HA W17CLTO0.1HO W181LTY0.1HA W181LTO0.1HO W182LTY0.1HA W182LTO0.1HO
 W183LTY0.1HA W183LTO0.1HO W184LTY0.1HA W184LTO0.1HO W185LTY0.1HA W185LTO0.1HO

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Wind Direction in Ta-Tung Seas of LTY0 at 2018

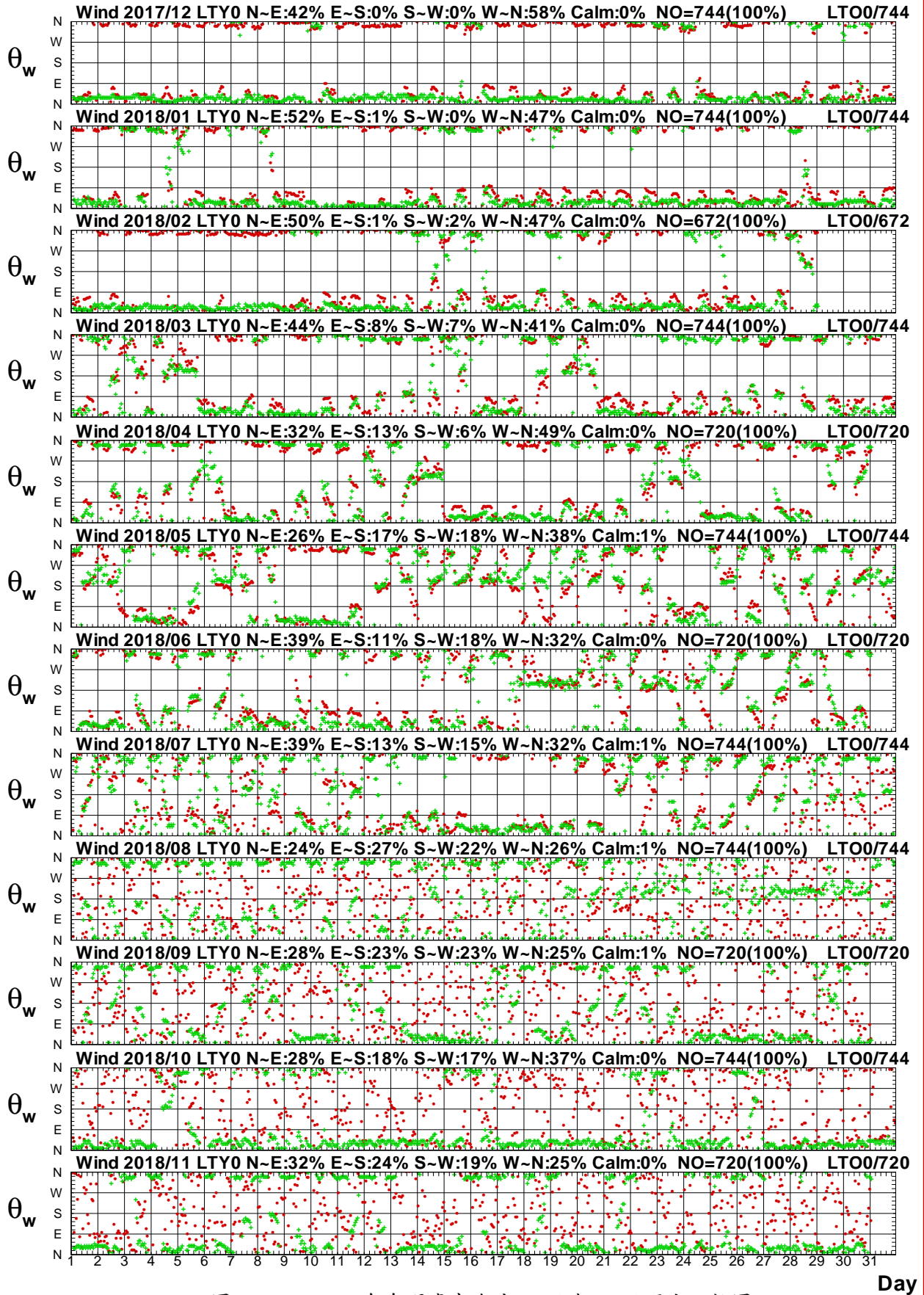


圖1.3.8b 2018年每月臺東海域 Y 站與 O 站風向比較圖

W17CLTY0.1HA W17CLTO0.1H0 W181LTY0.1HA W181LTO0.1H0 W182LTY0.1HA W182LTO0.1H0
 W183LTY0.1HA W183LTO0.1H0 W184LTY0.1HA W184LTO0.1H0 W185LTY0.1HA W185LTO0.1H0

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Wind Speed in Ta-Tung Seas of LTY0 at 2018

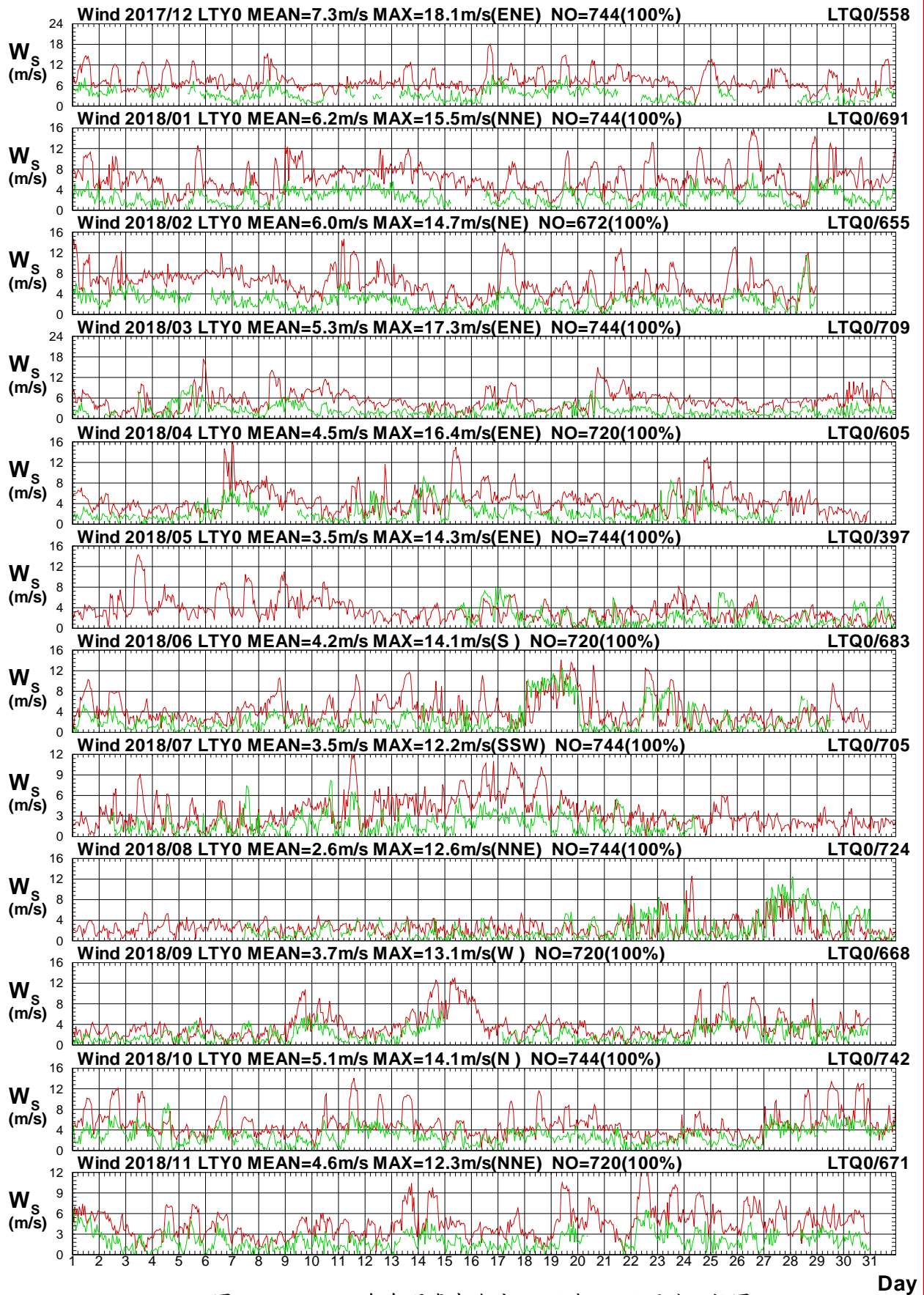


圖1.3.9a 2018年每月臺東海域 Y 站與 Q 站風速比較圖

W17CLTY0.1HA W17CLTQ0.1H0 W181LTY0.1HA W181LTQ0.1H0 W182LTY0.1HA W182LTQ0.1H0
W183LTY0.1HA W183LTQ0.1H0 W184LTY0.1HA W184LTQ0.1H0 W185LTY0.1HA W185LTQ0.1H0

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Wind Direction in Ta-Tung Seas of LTY0 at 2018

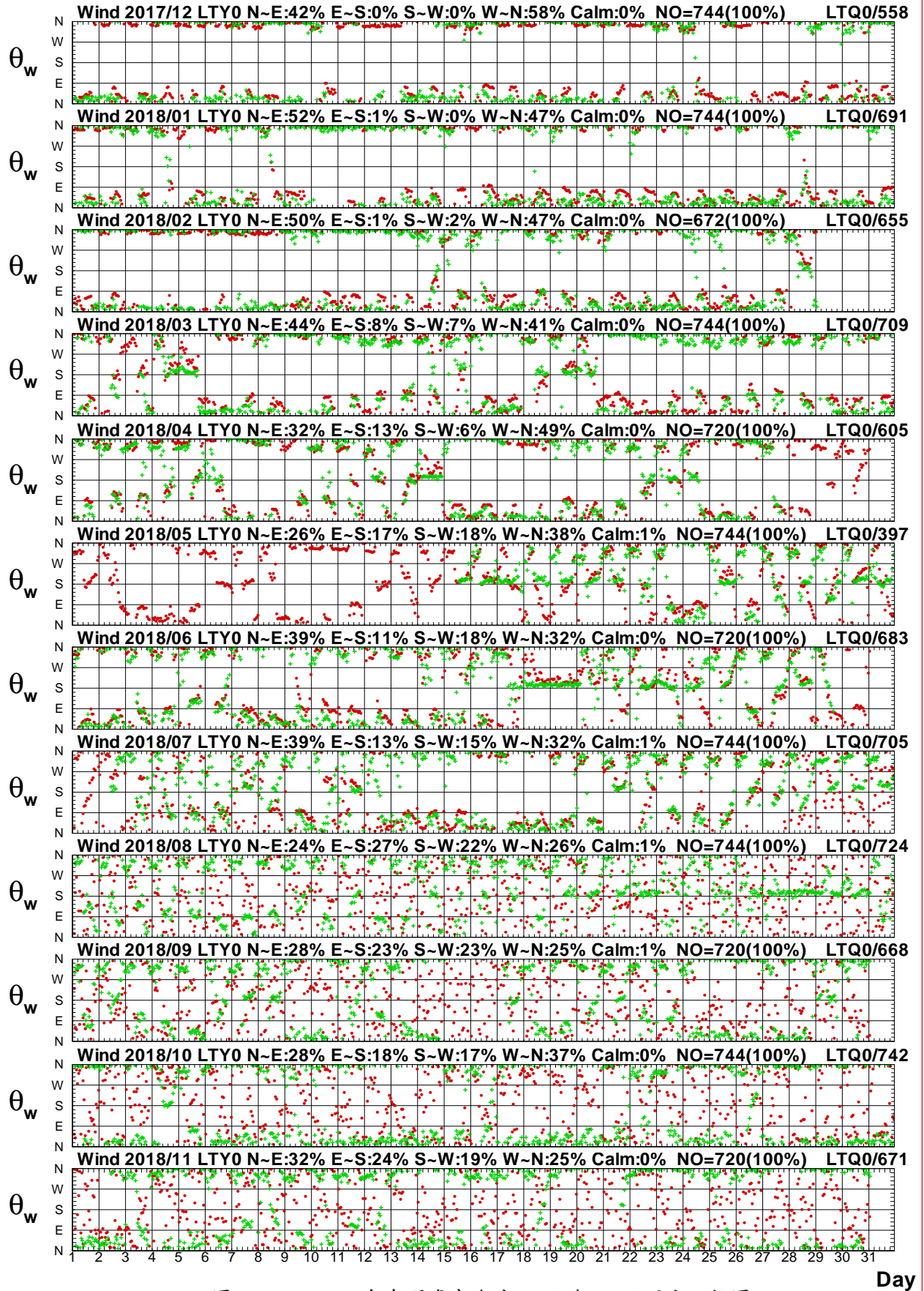


圖1.3.9b 2018年每月臺東海域 Y 站與 Q 站風向比較圖

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 W183LTY0.1HA W183LTQ0.1H0 W184LTY0.1HA W184LTQ0.1H0 W185LTY0.1HA W185LTQ0.1H0

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Wind Speed in Ta-Tung Seas of LTY0 at 2018

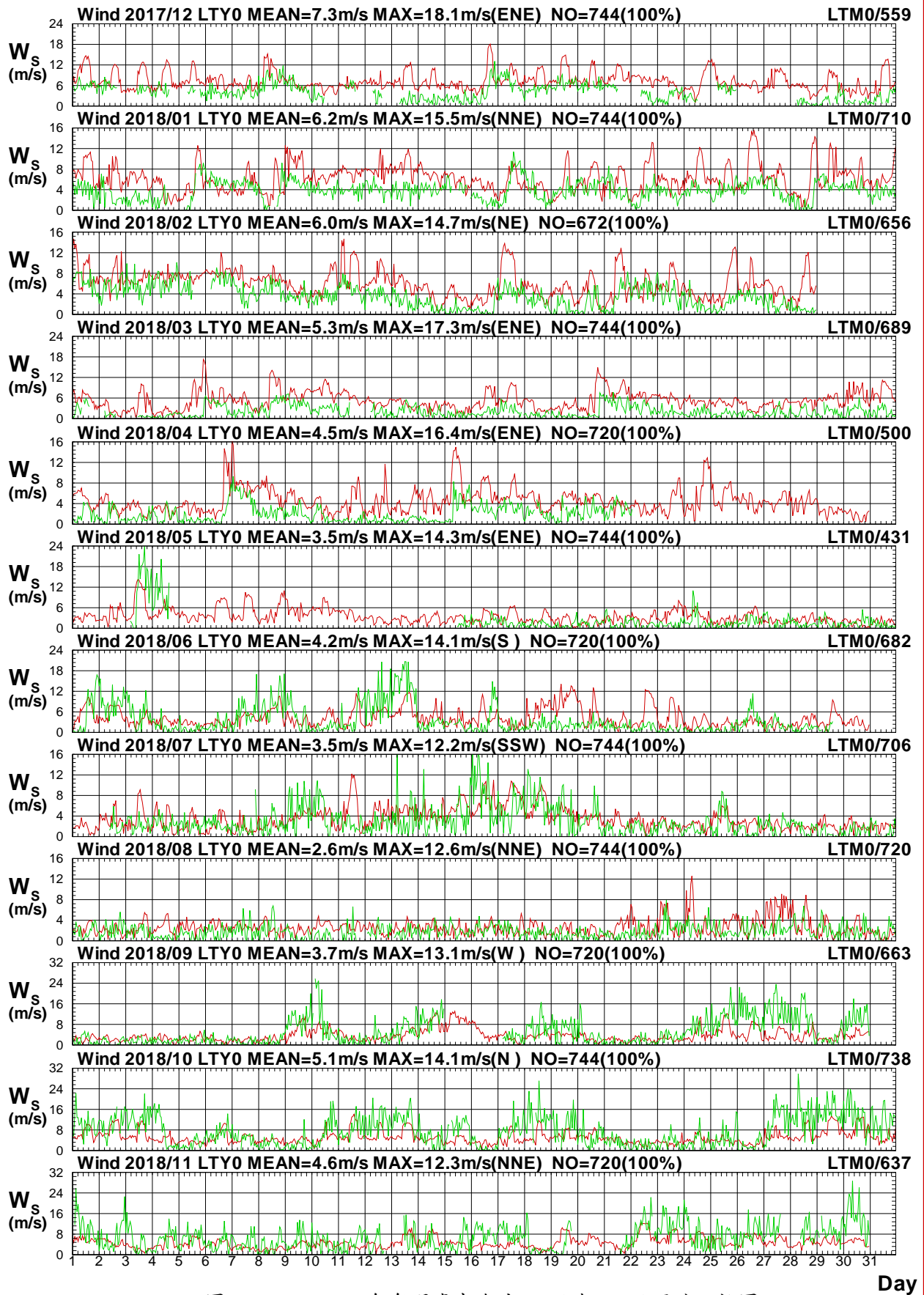


圖 1.3.10a 2018年每月臺東海域 Y 站與 M 站風速比較圖

W17CLTY0.1HA W17CLTM0.1H0 W181LTY0.1HA W181LTM0.1H0 W182LTY0.1HA W182LTM0.1H0
 W183LTY0.1HA W183LTM0.1H0 W184LTY0.1HA W184LTM0.1H0 W185LTY0.1HA W185LTM0.1H0

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Wind Direction in Ta-Tung Seas of LTY0 at 2018

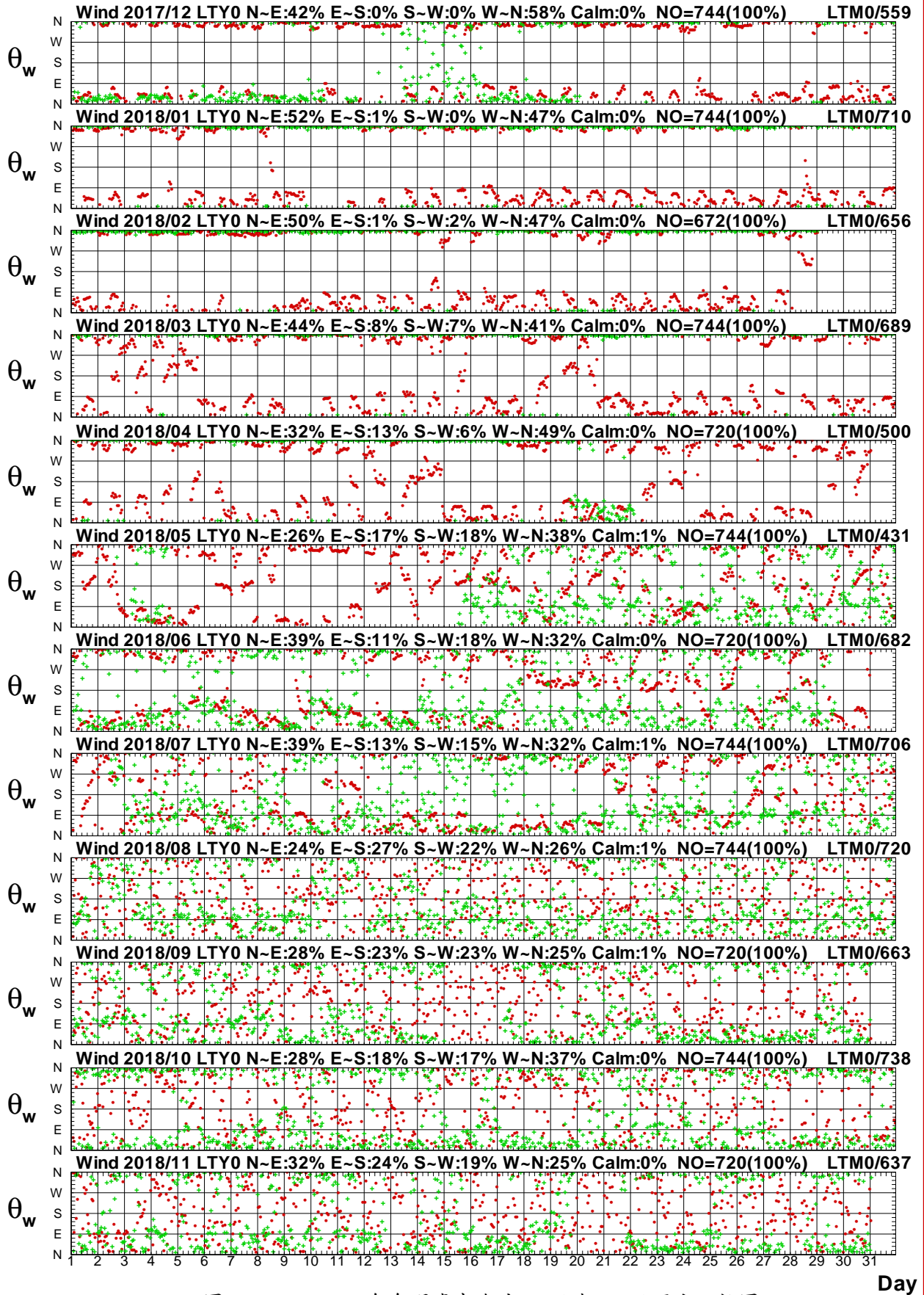


圖 1.3.10b 2018年每月臺東海域 Y 站與 M 站風向比較圖

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W183LTY0.1HA W183LTM0.1H0 W184LTY0.1HA W184LTM0.1H0 W185LTY0.1HA W185LTM0.1H0

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Wind Speed in Ta-Tung Seas of LTY0 at 2018

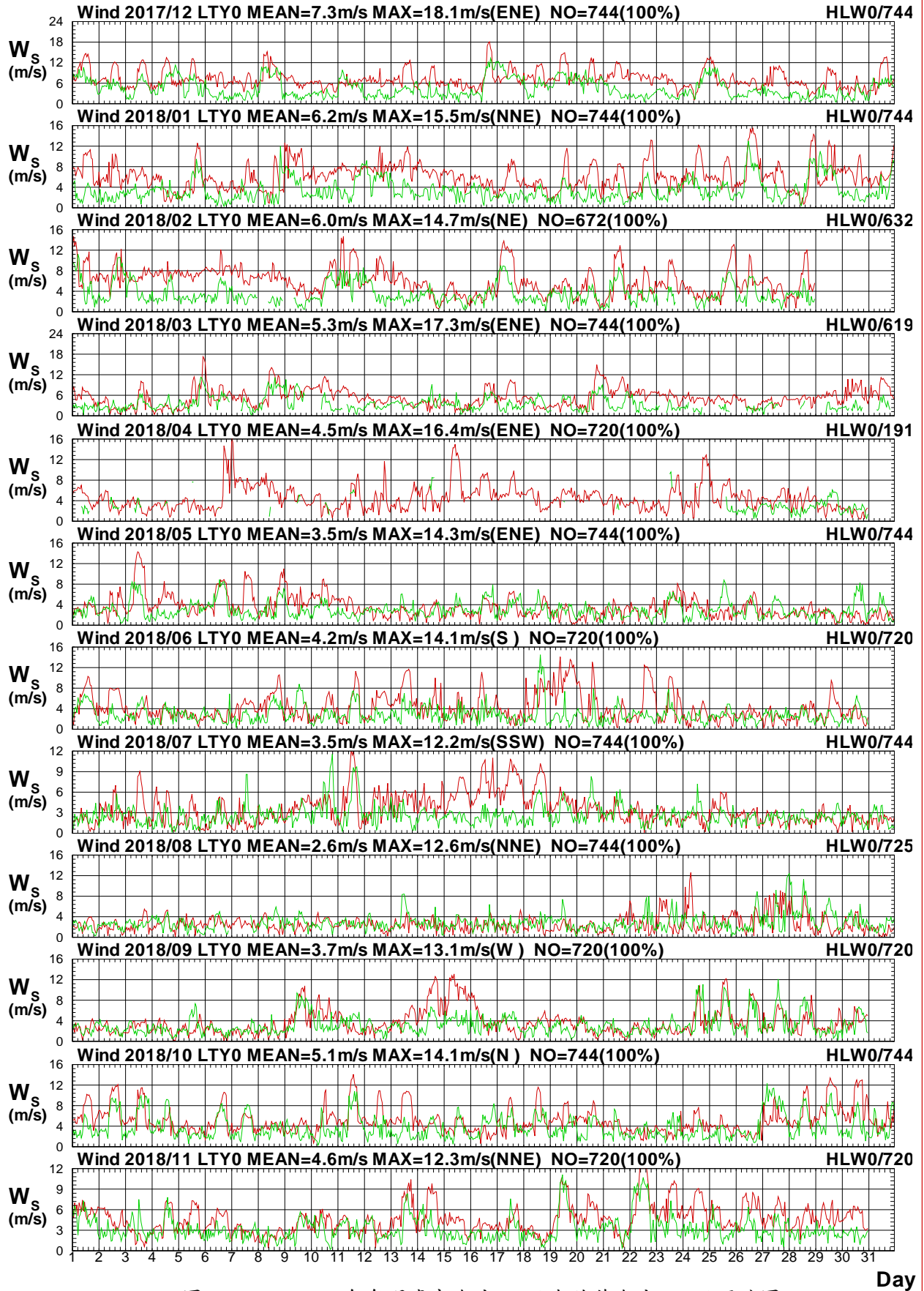


圖 1.3.11a 2018年每月臺東海域 Y 站與花蓮海域 W 站風速圖

W17CLTY0.1HA W17CHLW0.1HO W181LTY0.1HA W181HLW0.1HO W182LTY0.1HA W182HLW0.1HO
 W183LTY0.1HA W183HLW0.1HO W184LTY0.1HA W184HLW0.1HO W185LTY0.1HA W185HLW0.1HO
 Institute of Harbor & Marine Technology

Wind Direction in Ta-Tung Seas of LTY0 at 2018

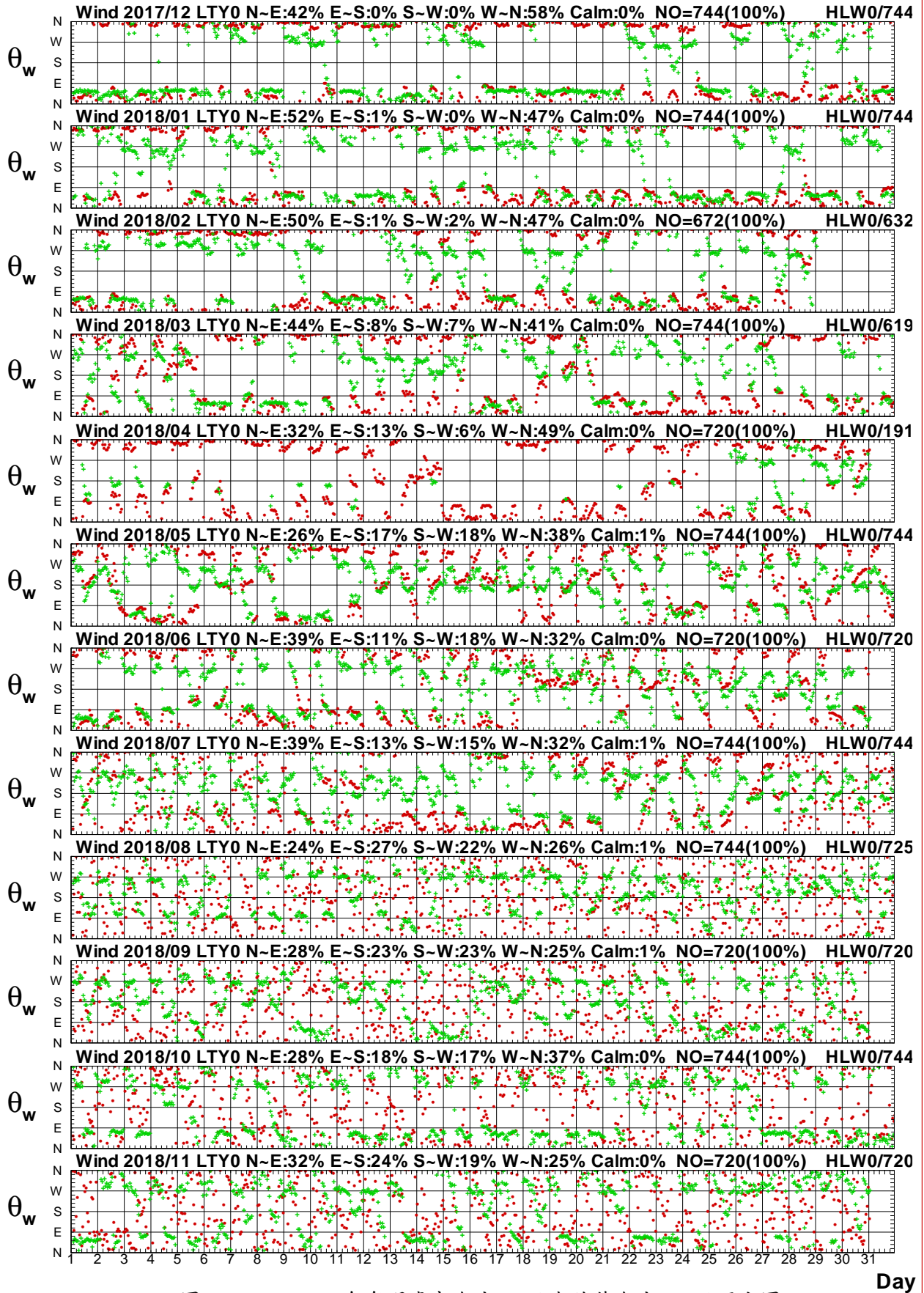


圖 1.3.11b 2018年每月臺東海域 Y 站與花蓮海域 W 站風向圖

W17CLTY0.1HA W17CHLW0.1HO W181LTY0.1HA W181HLW0.1HO W182LTY0.1HA W182HLW0.1HO
 W183LTY0.1HA W183HLW0.1HO W184LTY0.1HA W184HLW0.1HO W185LTY0.1HA W185HLW0.1HO

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Wind Speed in Ta-Tung Seas of LTY0 at 2018

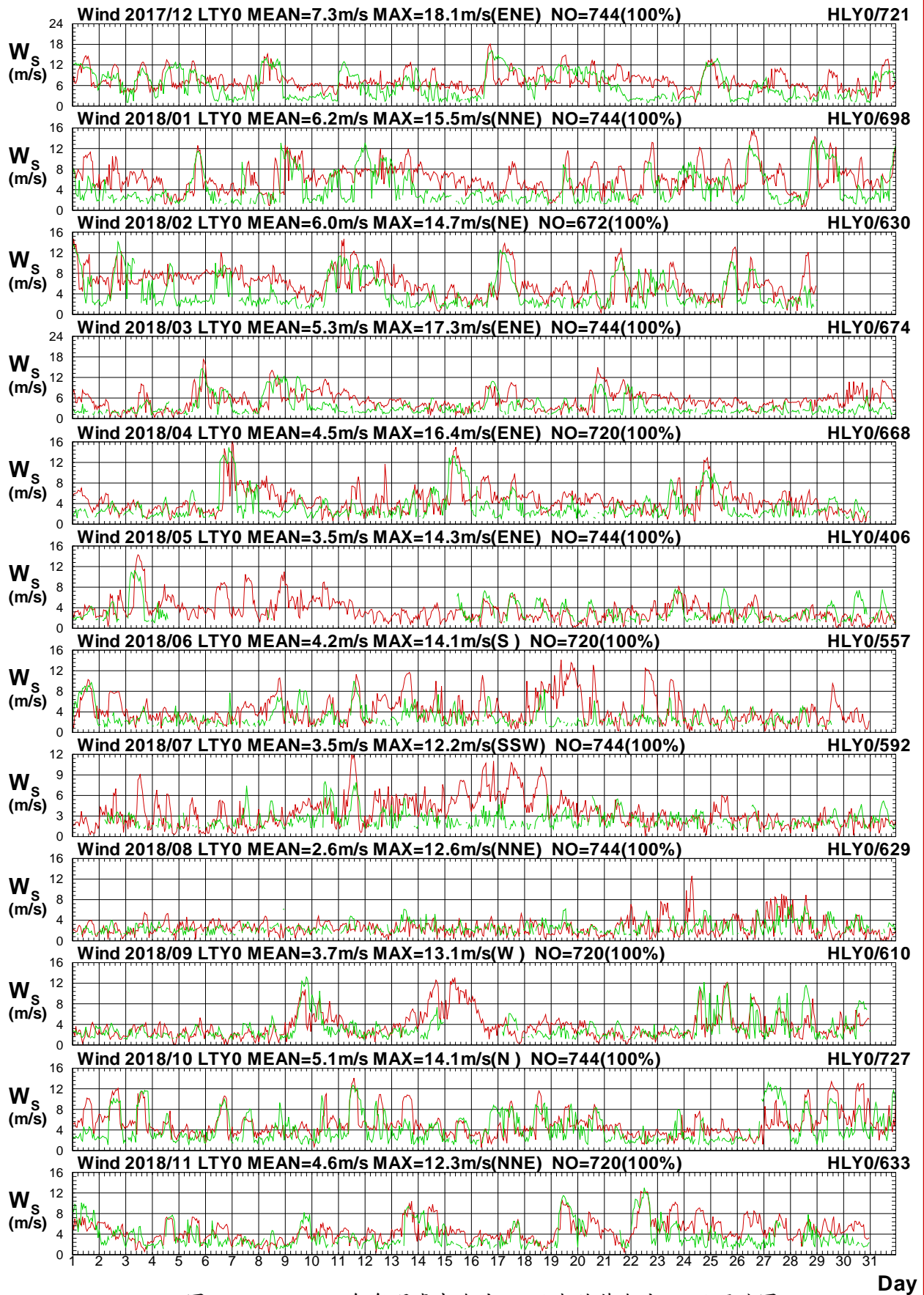


圖 1.3.12a 2018年每月臺東海域 Y 站與花蓮海域 Y 站風速圖

W17CLTY0.1HA W17CHLY0.1H0 W181LTY0.1HA W181HLY0.1H0 W182LTY0.1HA W182HLY0.1H0
W183LTY0.1HA W183HLY0.1H0 W184LTY0.1HA W184HLY0.1H0 W185LTY0.1HA W185HLY0.1H0

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Wind Direction in Ta-Tung Seas of LTY0 at 2018

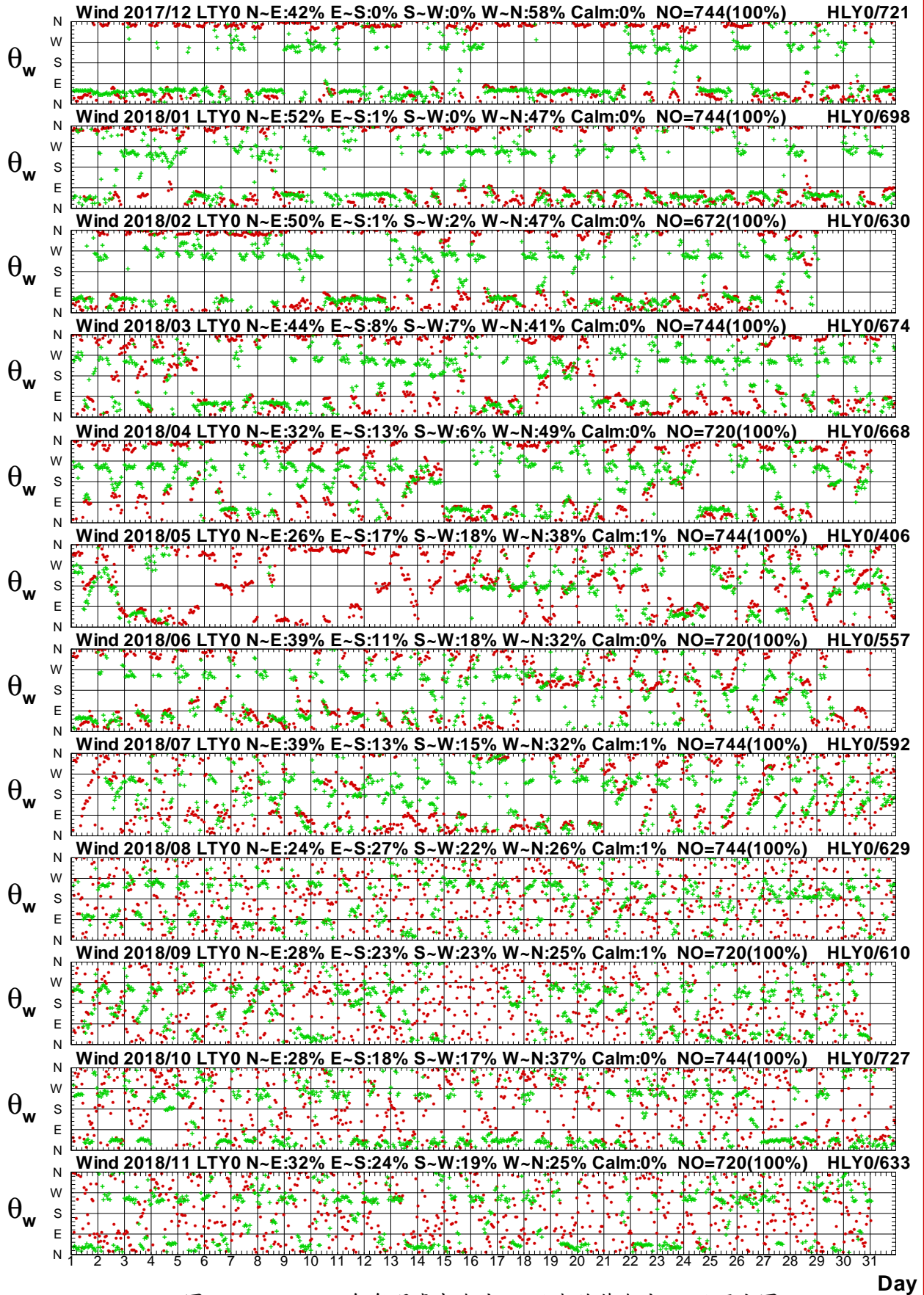


圖 1.3.12b 2018 年每月臺東海域 Y 站與花蓮海域 Y 站風向圖

W17CLTY0.1HA W17CHLY0.1H0 W181LTY0.1HA W181HLY0.1H0 W182LTY0.1HA W182HLY0.1H0
 W183LTY0.1HA W183HLY0.1H0 W184LTY0.1HA W184HLY0.1H0 W185LTY0.1HA W185HLY0.1H0

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Wind Speed in Ta-Tung Seas of LTY0 at 2018

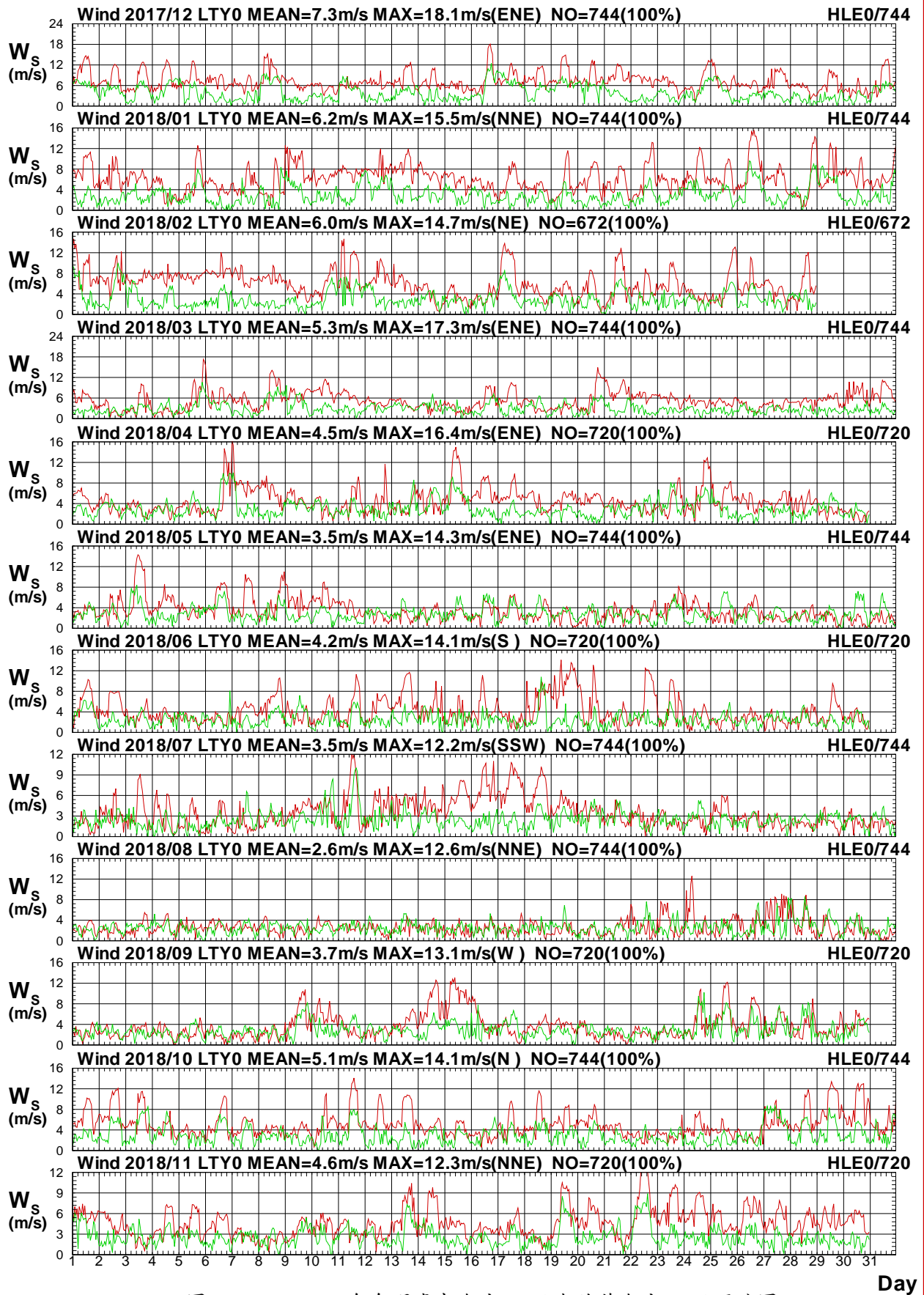


圖 1.3.13a 2018 年每月臺東海域 Y 站與花蓮海域 E 站風速圖

W17CLTY0.1HA W17CHLE0.1H0 W181LTY0.1HA W181HLE0.1H0 W182LTY0.1HA W182HLE0.1H0
 W183LTY0.1HA W183HLE0.1H0 W184LTY0.1HA W184HLE0.1H0 W185LTY0.1HA W185HLE0.1H0

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Wind Direction in Ta-Tung Seas of LTY0 at 2018

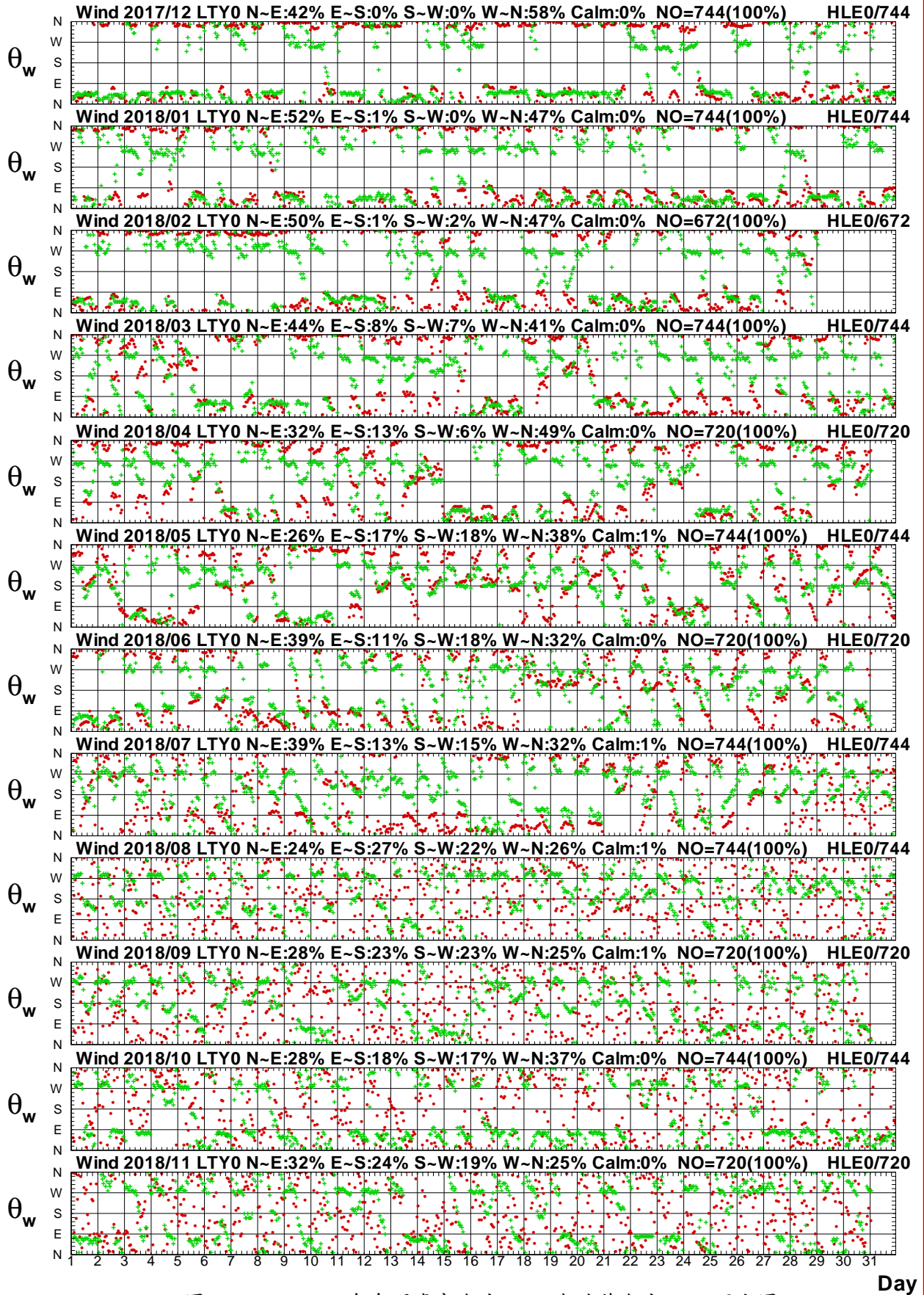


圖 1.3.13b 2018 年每月臺東海域 Y 站與花蓮海域 E 站風向圖

W17CLTY0.1HA W17CHLE0.1H0 W181LTY0.1HA W181HLE0.1H0 W182LTY0.1HA W182HLE0.1H0
W183LTY0.1HA W183HLE0.1H0 W184LTY0.1HA W184HLE0.1H0 W185LTY0.1HA W185HLE0.1H0

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Wind Speed in Ta-Tung Seas of LTY0 at 2018

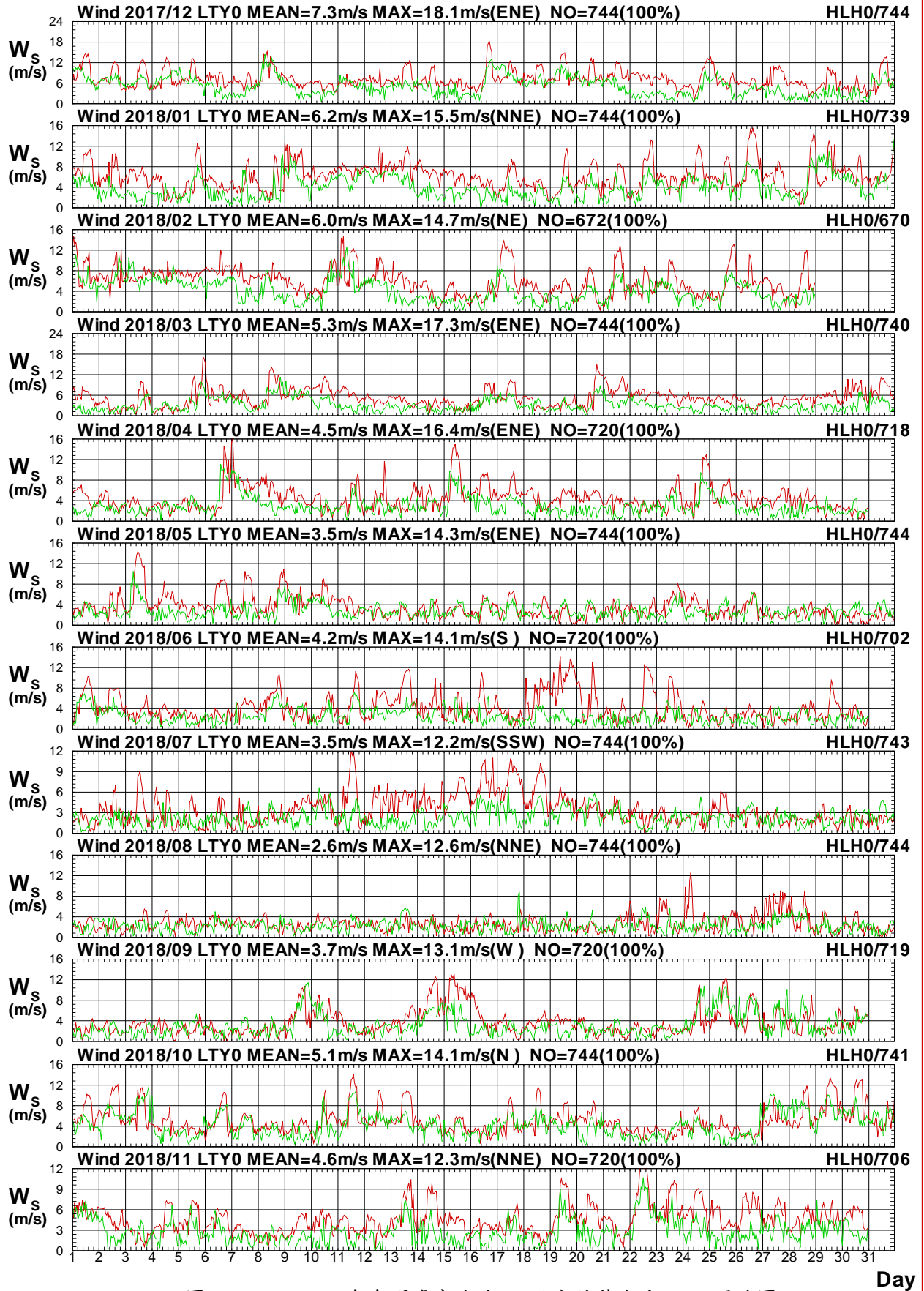


圖 1.3.14a 2018年每月臺東海域 Y 站與花蓮海域 H 站風速圖

W17CLTY0.1HA W17CHLH0.1H0 W181LTY0.1HA W181HLH0.1H0 W182LTY0.1HA W182HLH0.1H0
 W183LTY0.1HA W183HLH0.1H0 W184LTY0.1HA W184HLH0.1H0 W185LTY0.1HA W185HLH0.1H0

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Wind Direction in Ta-Tung Seas of LTY0 at 2018

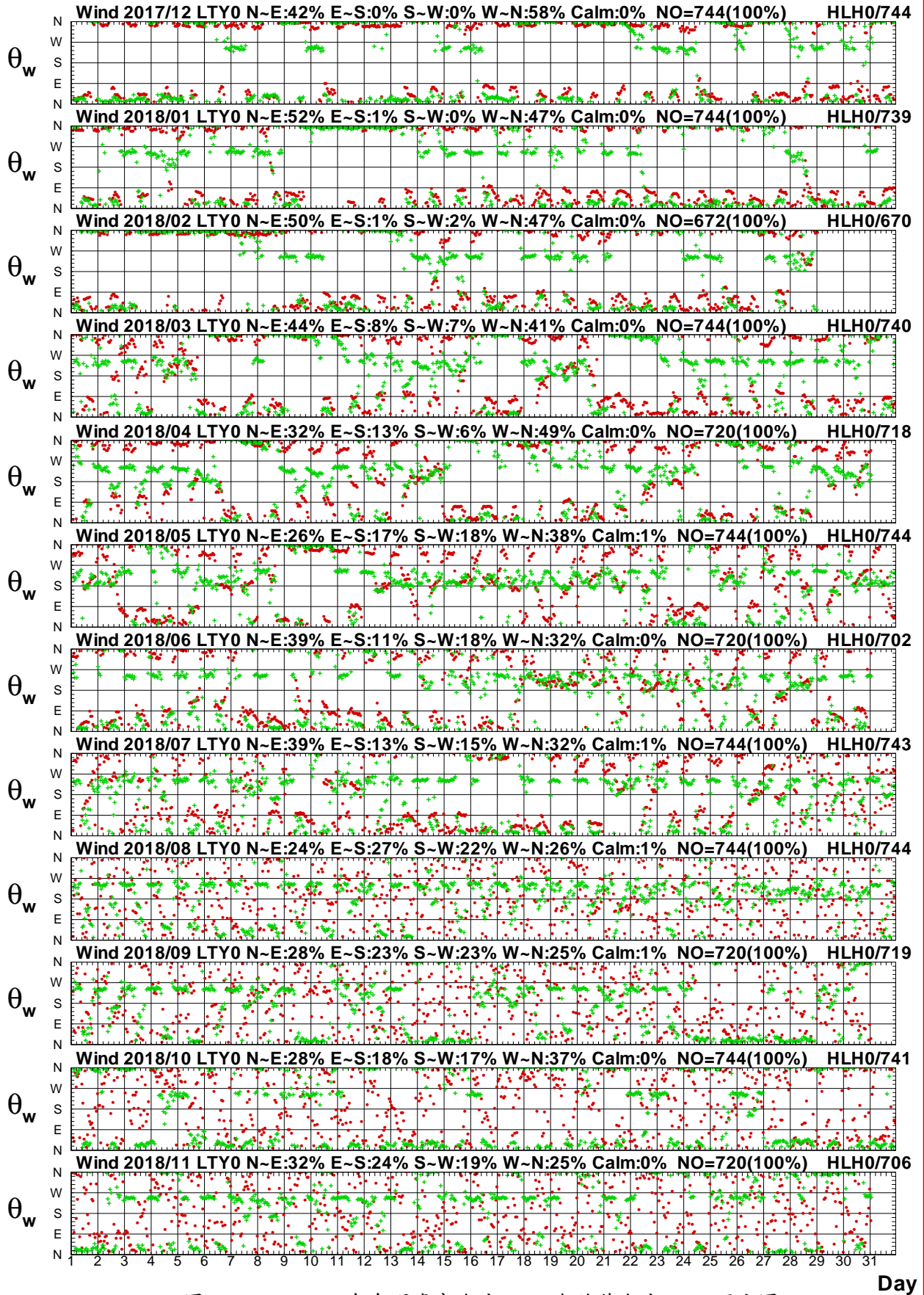


圖 1.3.14b 2018 年每月臺東海域 Y 站與花蓮海域 H 站風向圖

W17CLTY0.1HA W17CHLH0.1H0 W181LTY0.1HA W181HLH0.1H0 W182LTY0.1HA W182HLH0.1H0
 W183LTY0.1HA W183HLH0.1H0 W184LTY0.1HA W184HLH0.1H0 W185LTY0.1HA W185HLH0.1H0

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Wind Speed in Ta-Tung Seas of LTY0 at 2018

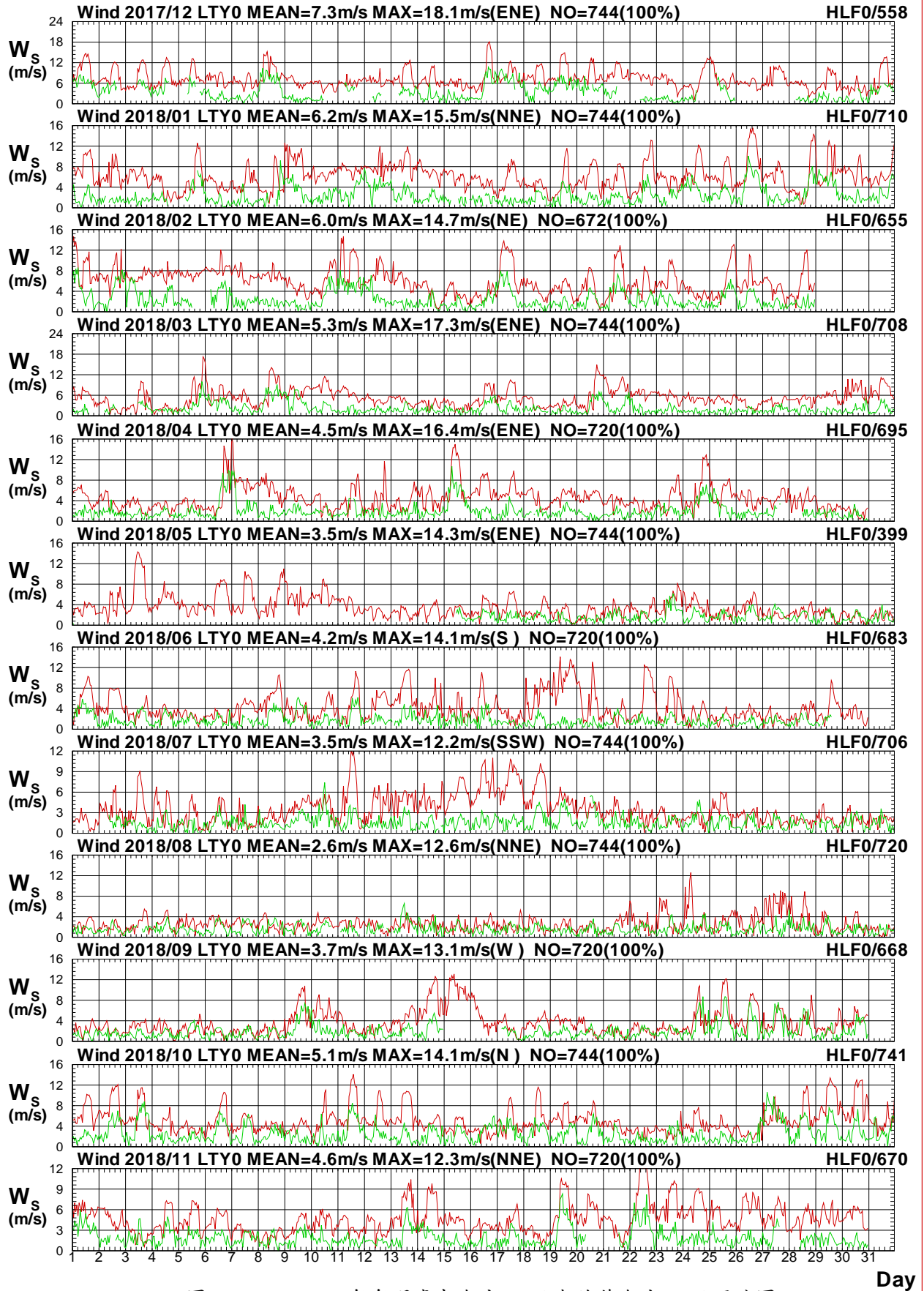


圖1.3.15a 2018年每月臺東海域 Y 站與花蓮海域 F 站風速圖

W17CLTY0.1HA W17CHLF0.1HO W181LTY0.1HA W181HLF0.1HO W182LTY0.1HA W182HLF0.1HO
W183LTY0.1HA W183HLF0.1HO W184LTY0.1HA W184HLF0.1HO W185LTY0.1HA W185HLF0.1HO

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Wind Direction in Ta-Tung Seas of LTY0 at 2018

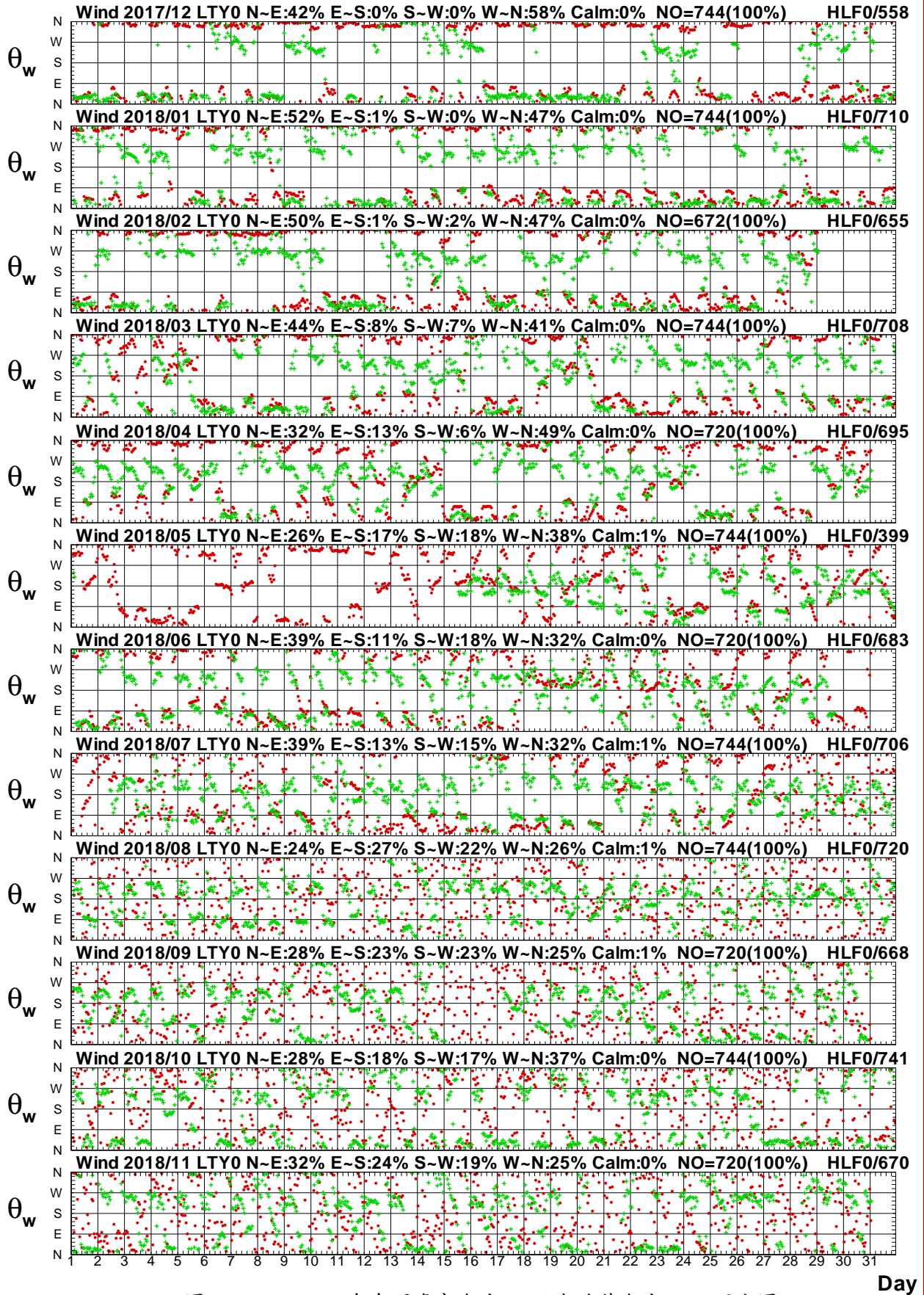


圖1.3.15b 2018年每月臺東海域 Y 站與花蓮海域 F 站風向圖

W17CLTY0.1HA W17CHLF0.1H0 W181LTY0.1HA W181HLF0.1H0 W182LTY0.1HA W182HLF0.1H0
 W183LTY0.1HA W183HLF0.1H0 W184LTY0.1HA W184HLF0.1H0 W185LTY0.1HA W185HLF0.1H0

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Wind Speed in Ta-Tung Seas of LTY0 at 2018

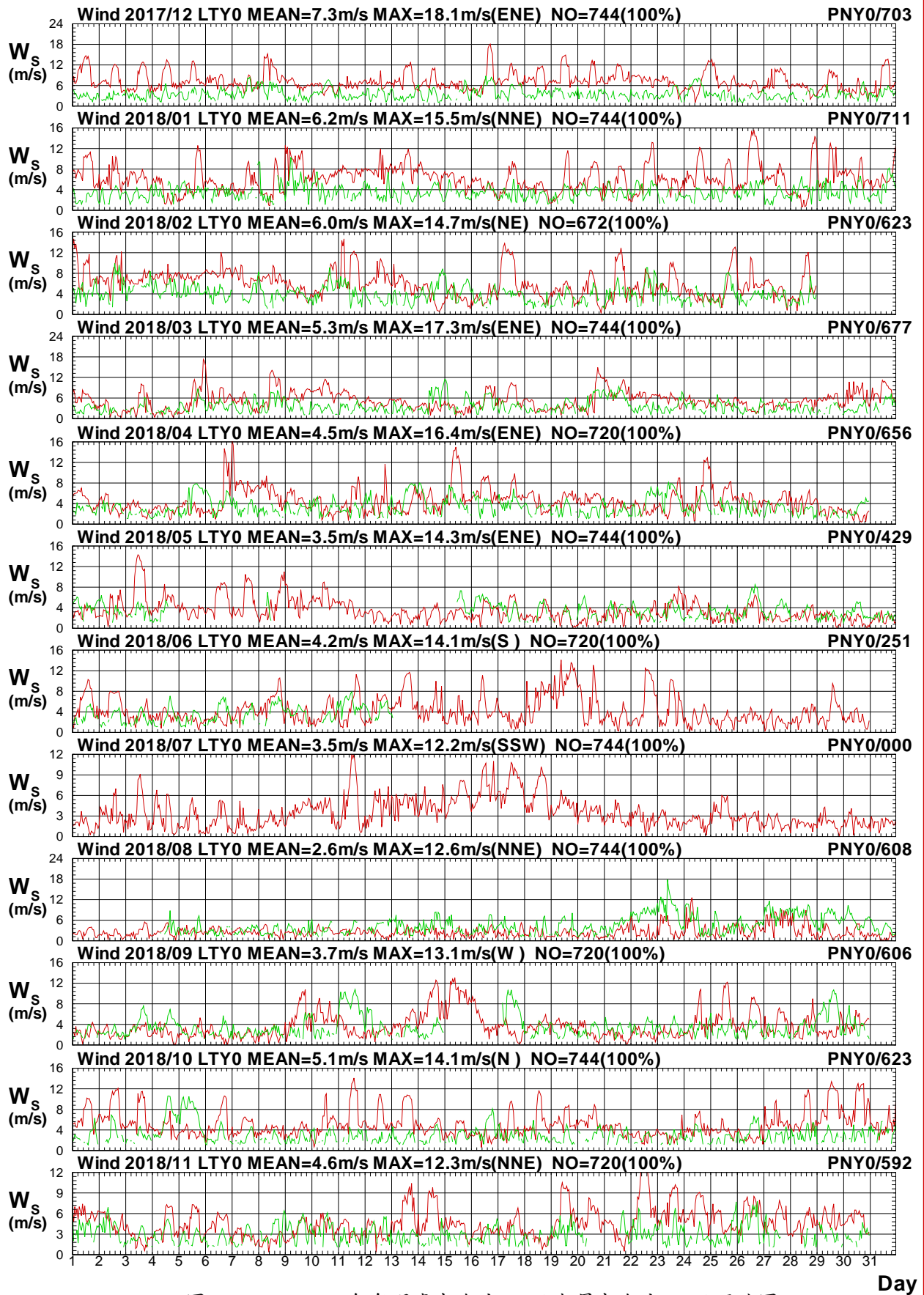


圖 1.3.16a 2018 年每月臺東海域 Y 站與屏東海域 Y 站風速圖

W17CLTY0.1HA W17CPNY0.1H0 W181LTY0.1HA W181PNY0.1H0 W182LTY0.1HA W182PNY0.1H0
 W183LTY0.1HA W183PNY0.1H0 W184LTY0.1HA W184PNY0.1H0 W185LTY0.1HA W185PNY0.1H0

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Wind Direction in Ta-Tung Seas of LTY0 at 2018

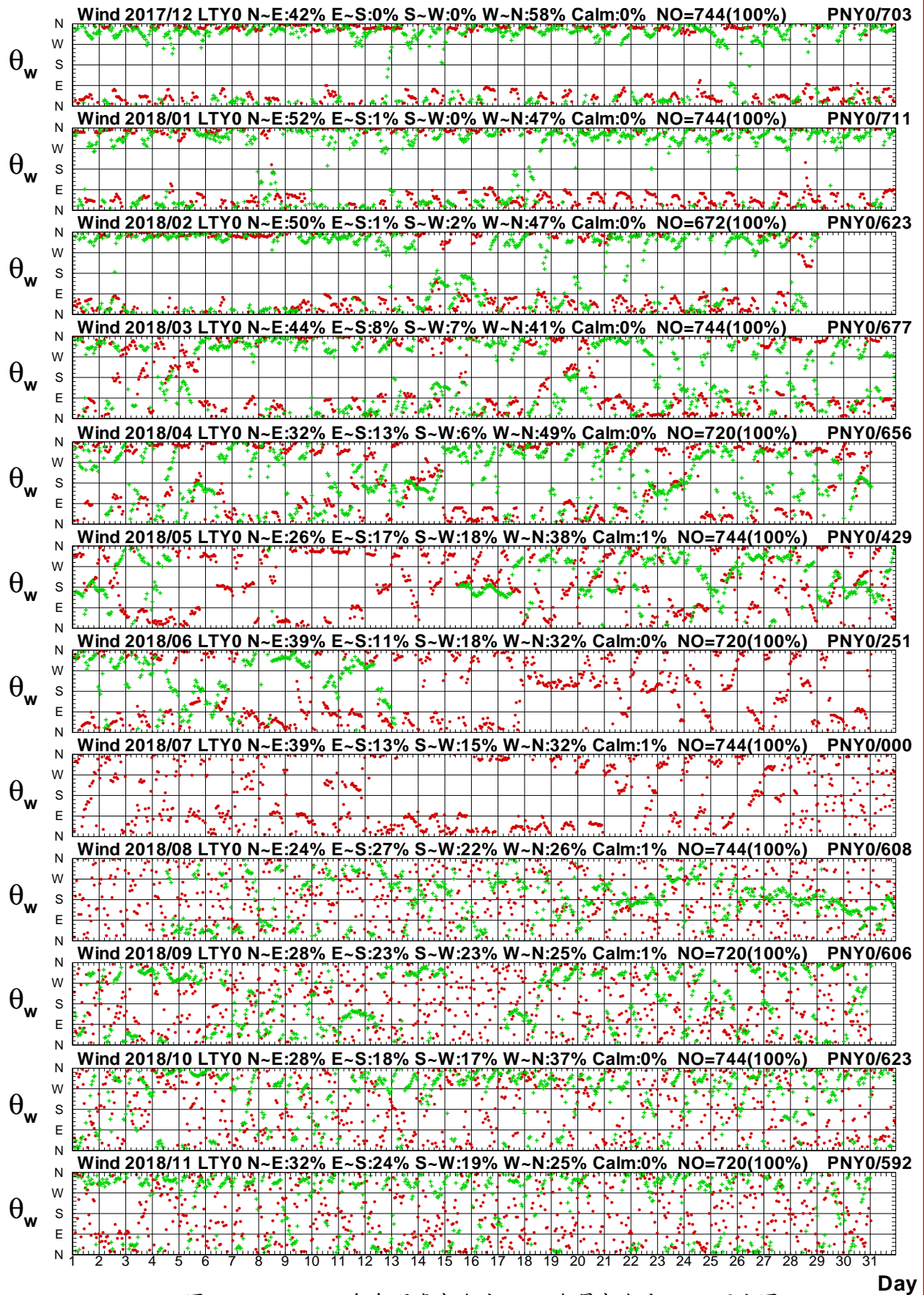


圖 1.3.16b 2018 年每月臺東海域 Y 站與屏東海域 Y 站風向圖

W17CLTY0.1HA W17CPNY0.1H0 W181LTY0.1HA W181PNY0.1H0 W182LTY0.1HA W182PNY0.1H0
 W183LTY0.1HA W183PNY0.1H0 W184LTY0.1HA W184PNY0.1H0 W185LTY0.1HA W185PNY0.1H0

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Wind Speed in Ta-Tung Seas of LTY0 at 2018

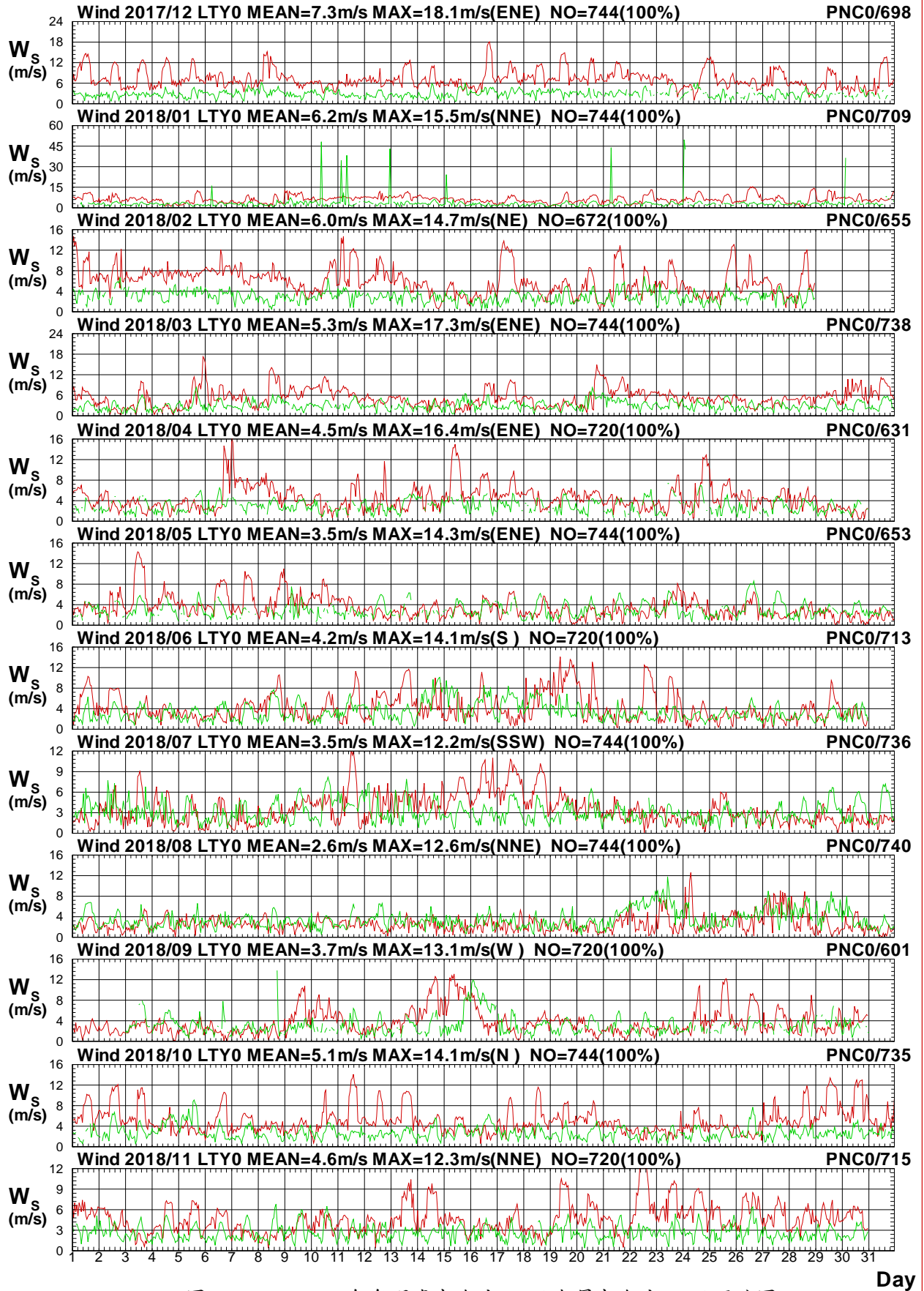


圖1.3.17a 2018年每月臺東海域 Y 站與屏東海域 C 站風速圖

W17CLTY0.1HA W17CPNC0.1H0 W181LTY0.1HA W181PNC0.1H0 W182LTY0.1HA W182PNC0.1H0
 W183LTY0.1HA W183PNC0.1H0 W184LTY0.1HA W184PNC0.1H0 W185LTY0.1HA W185PNC0.1H0

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Wind Direction in Ta-Tung Seas of LTY0 at 2018

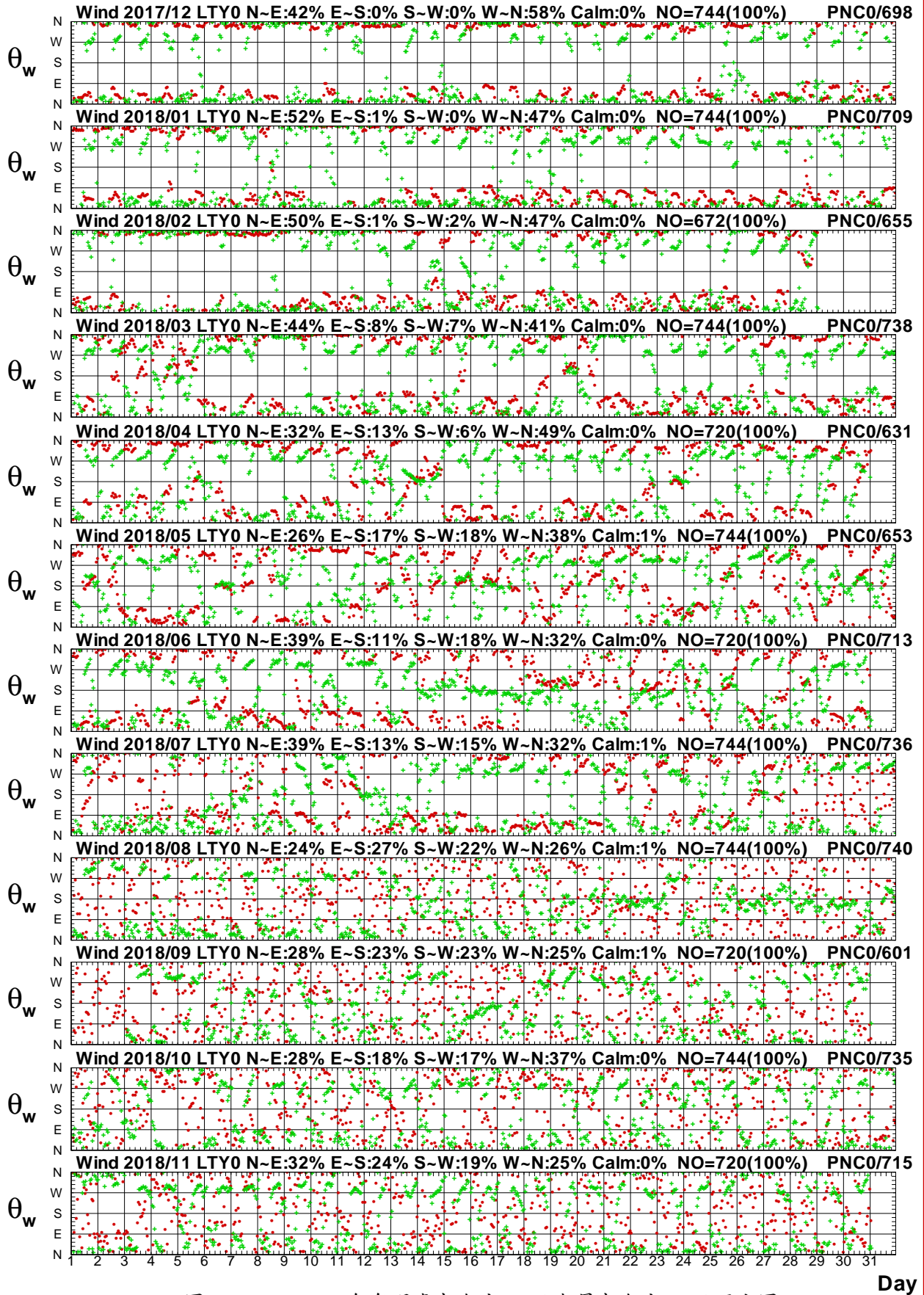


圖1.3.17b 2018年每月臺東海域 Y 站與屏東海域 C 站風向圖

W17CLTY0.1HA W17CPNC0.1H0 W181LTY0.1HA W181PNC0.1H0 W182LTY0.1HA W182PNC0.1H0
 W183LTY0.1HA W183PNC0.1H0 W184LTY0.1HA W184PNC0.1H0 W185LTY0.1HA W185PNC0.1H0

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Wind Speed in Ta-Tung Seas of LTY0 at 2018

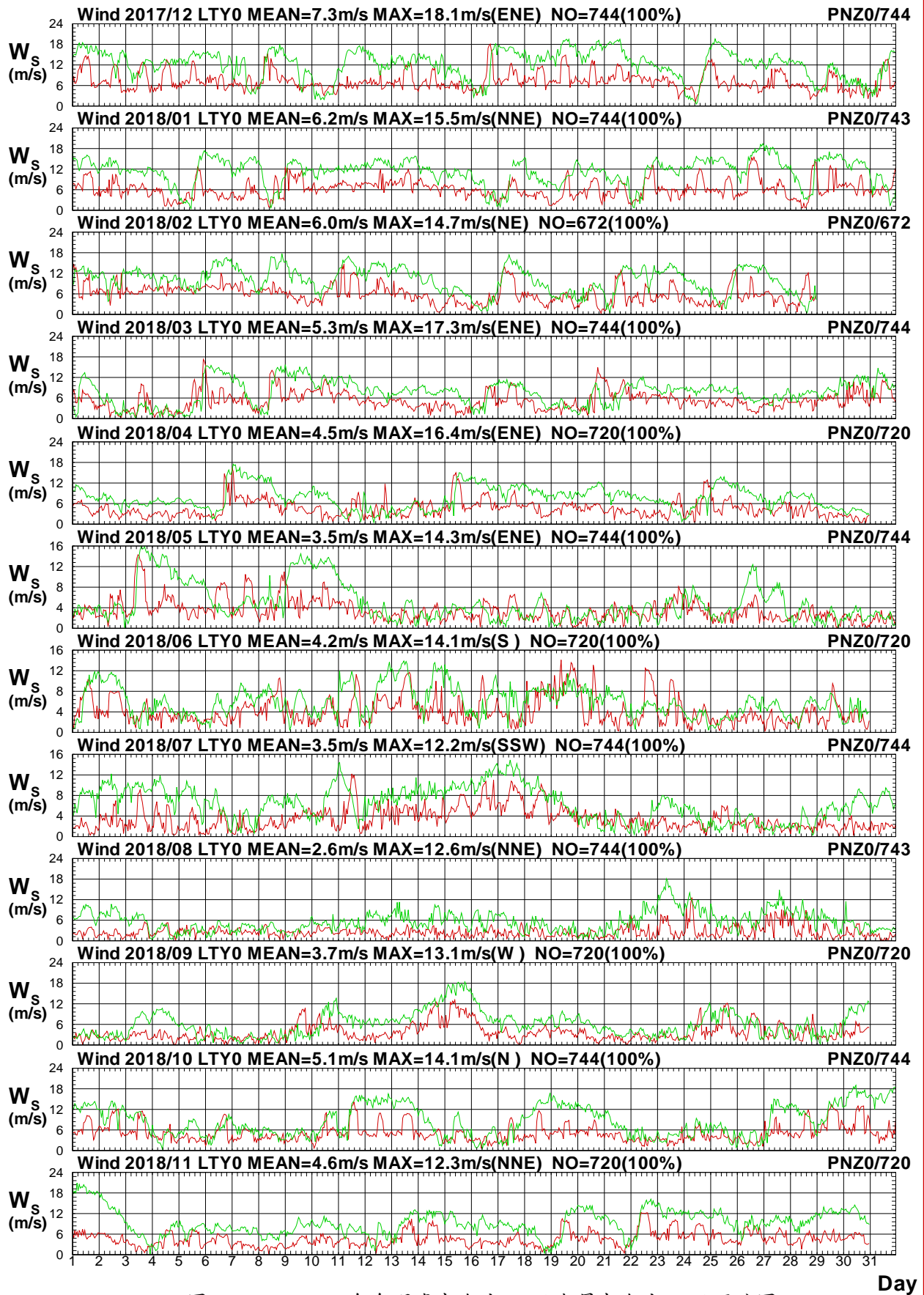


圖1.3.18a 2018年每月臺東海域 Y 站與屏東海域 Z 站風速圖

W17CLTY0.1HA W17CPNZ0.1H0 W181LTY0.1HA W181PNZ0.1H0 W182LTY0.1HA W182PNZ0.1H0
W183LTY0.1HA W183PNZ0.1H0 W184LTY0.1HA W184PNZ0.1H0 W185LTY0.1HA W185PNZ0.1H0

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Wind Direction in Ta-Tung Seas of LTY0 at 2018

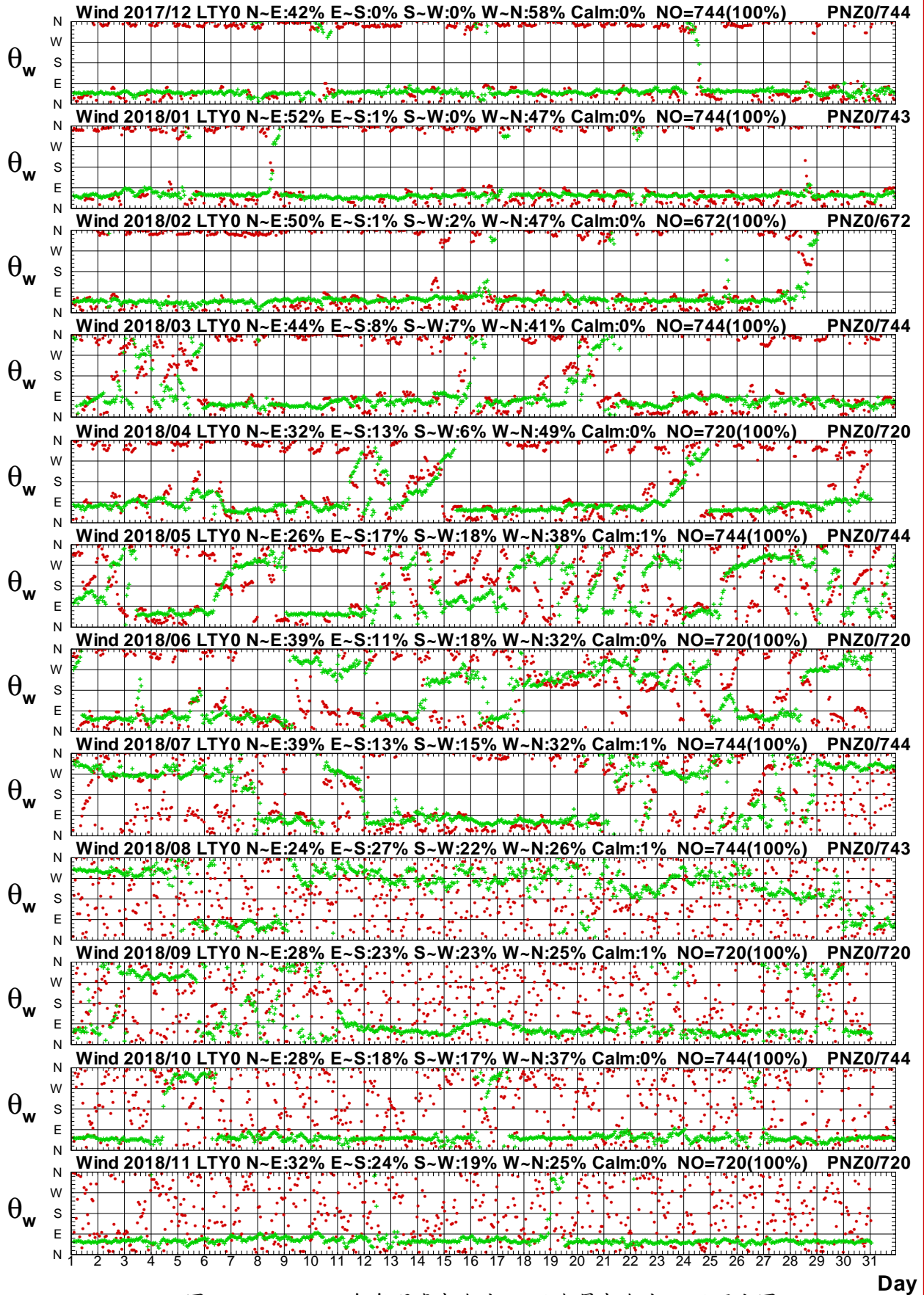


圖1.3.18b 2018年每月臺東海域 Y 站與屏東海域 Z 站風向圖

W17CLTY0.1HA W17CPNZ0.1H0 W181LTY0.1HA W181PNZ0.1H0 W182LTY0.1HA W182PNZ0.1H0
W183LTY0.1HA W183PNZ0.1H0 W184LTY0.1HA W184PNZ0.1H0 W185LTY0.1HA W185PNZ0.1H0

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Wind Speed in Ta-Tung Seas of LTY0 at 2018

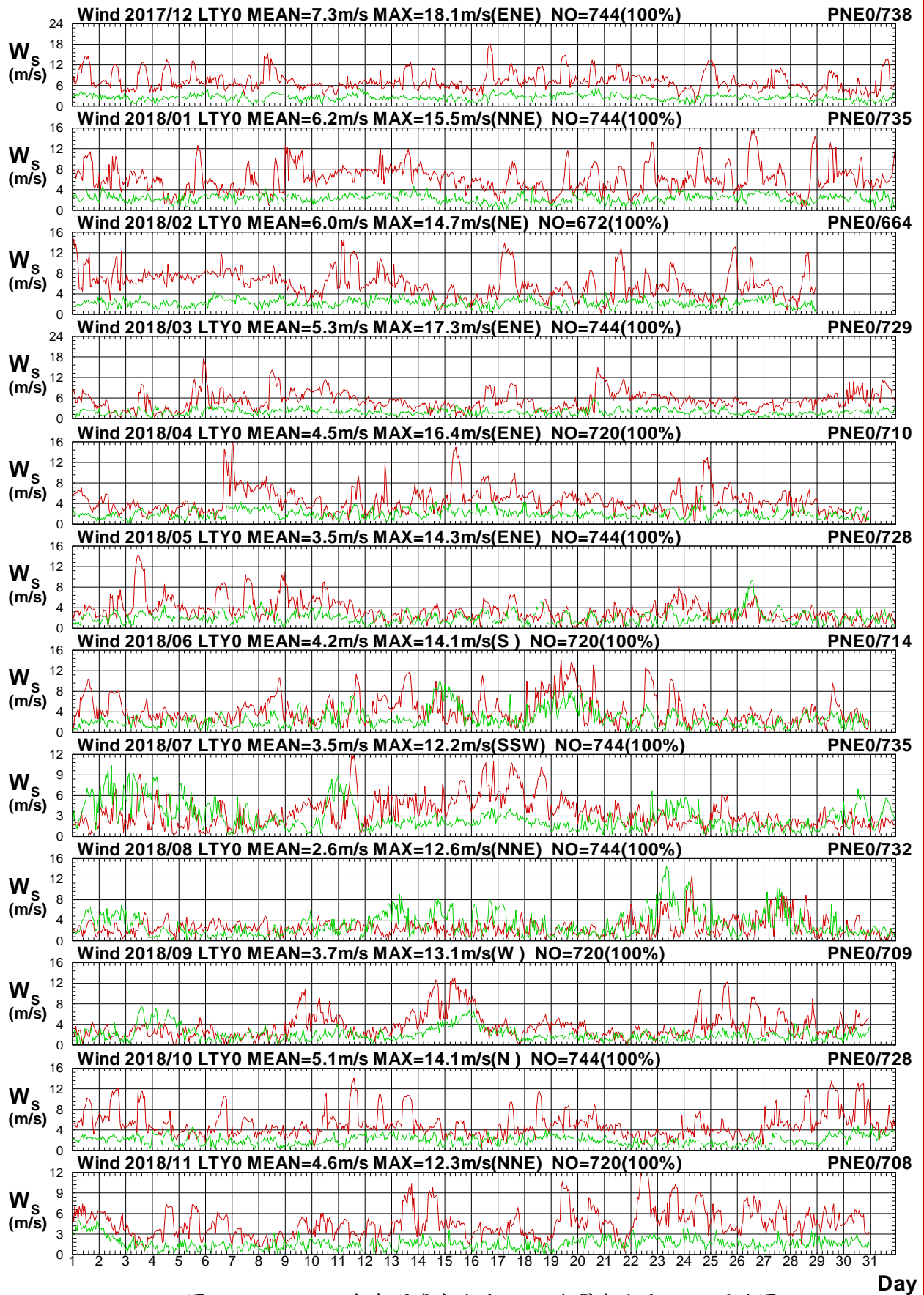


圖1.3.19a 2018年每月臺東海域 Y 站與屏東海域 E 站風速圖

W17CLTY0.1HA W17CPNE0.1H0 W181LTY0.1HA W181PNE0.1H0 W182LTY0.1HA W182PNE0.1H0
W183LTY0.1HA W183PNE0.1H0 W184LTY0.1HA W184PNE0.1H0 W185LTY0.1HA W185PNE0.1H0

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Wind Direction in Ta-Tung Seas of LTY0 at 2018

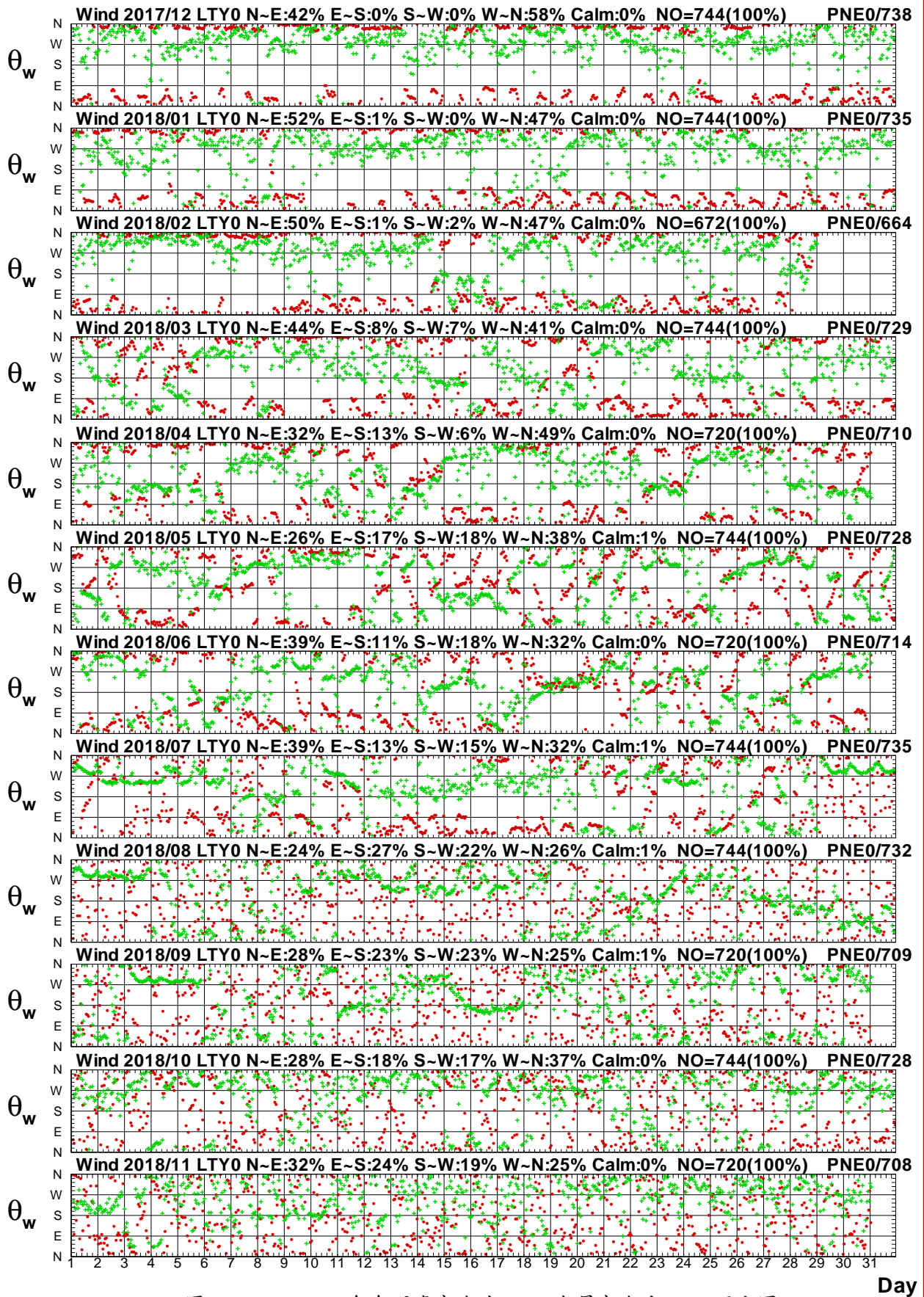


圖1.3.19b 2018年每月臺東海域 Y 站與屏東海域 E 站風向圖

W17CLTY0.1HA W17CPNE0.1H0 W181LTY0.1HA W181PNE0.1H0 W182LTY0.1HA W182PNE0.1H0
W183LTY0.1HA W183PNE0.1H0 W184LTY0.1HA W184PNE0.1H0 W185LTY0.1HA W185PNE0.1H0

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Wind Speed in Ta-Tung Seas of LTY0 at 2018

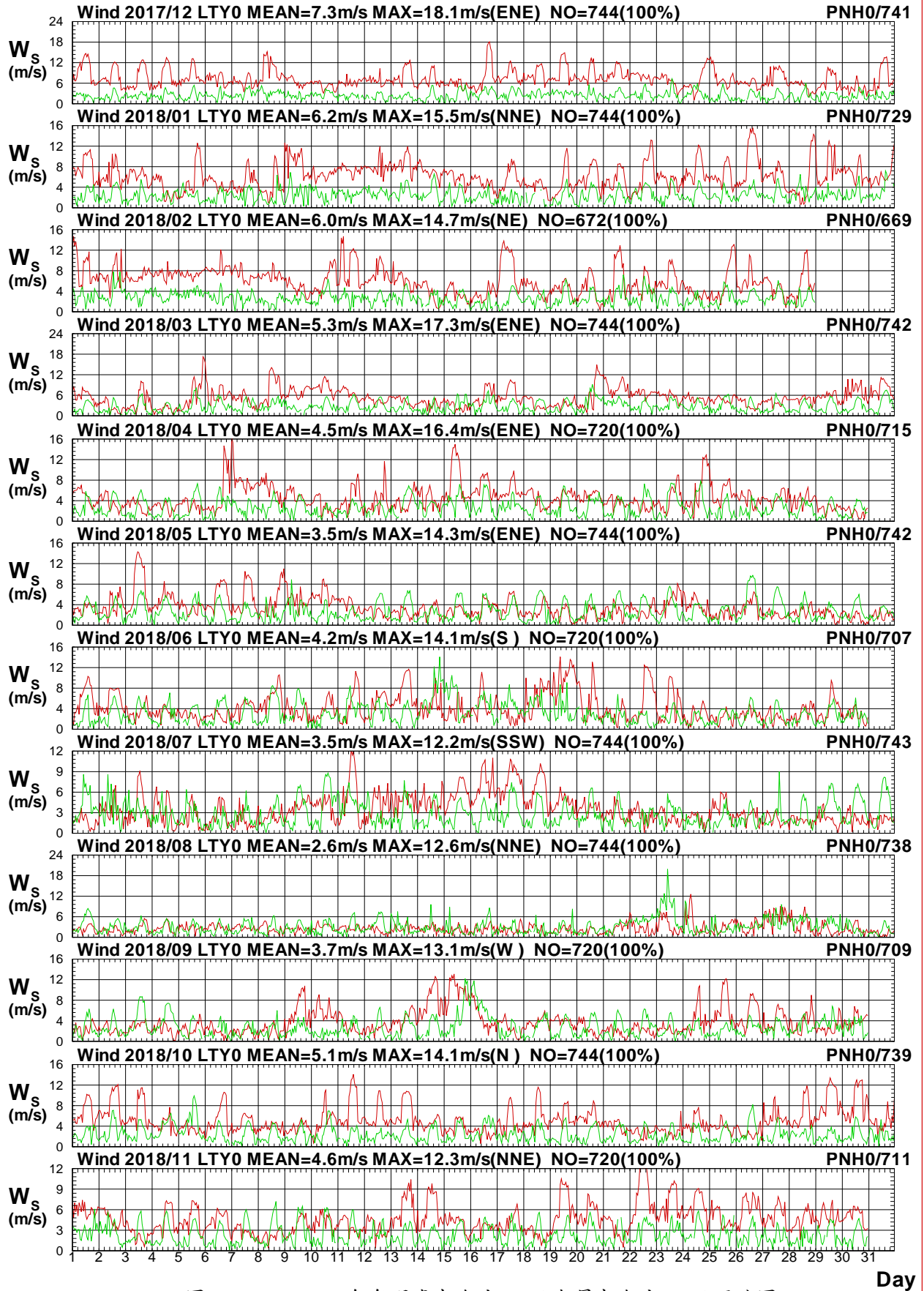


圖 1.3.20a 2018年每月臺東海域 Y 站與屏東海域 H 站風速圖

W17CLTY0.1HA W17CPNH0.1H0 W181LTY0.1HA W181PNH0.1H0 W182LTY0.1HA W182PNH0.1H0
 W183LTY0.1HA W183PNH0.1H0 W184LTY0.1HA W184PNH0.1H0 W185LTY0.1HA W185PNH0.1H0

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Wind Direction in Ta-Tung Seas of LTY0 at 2018

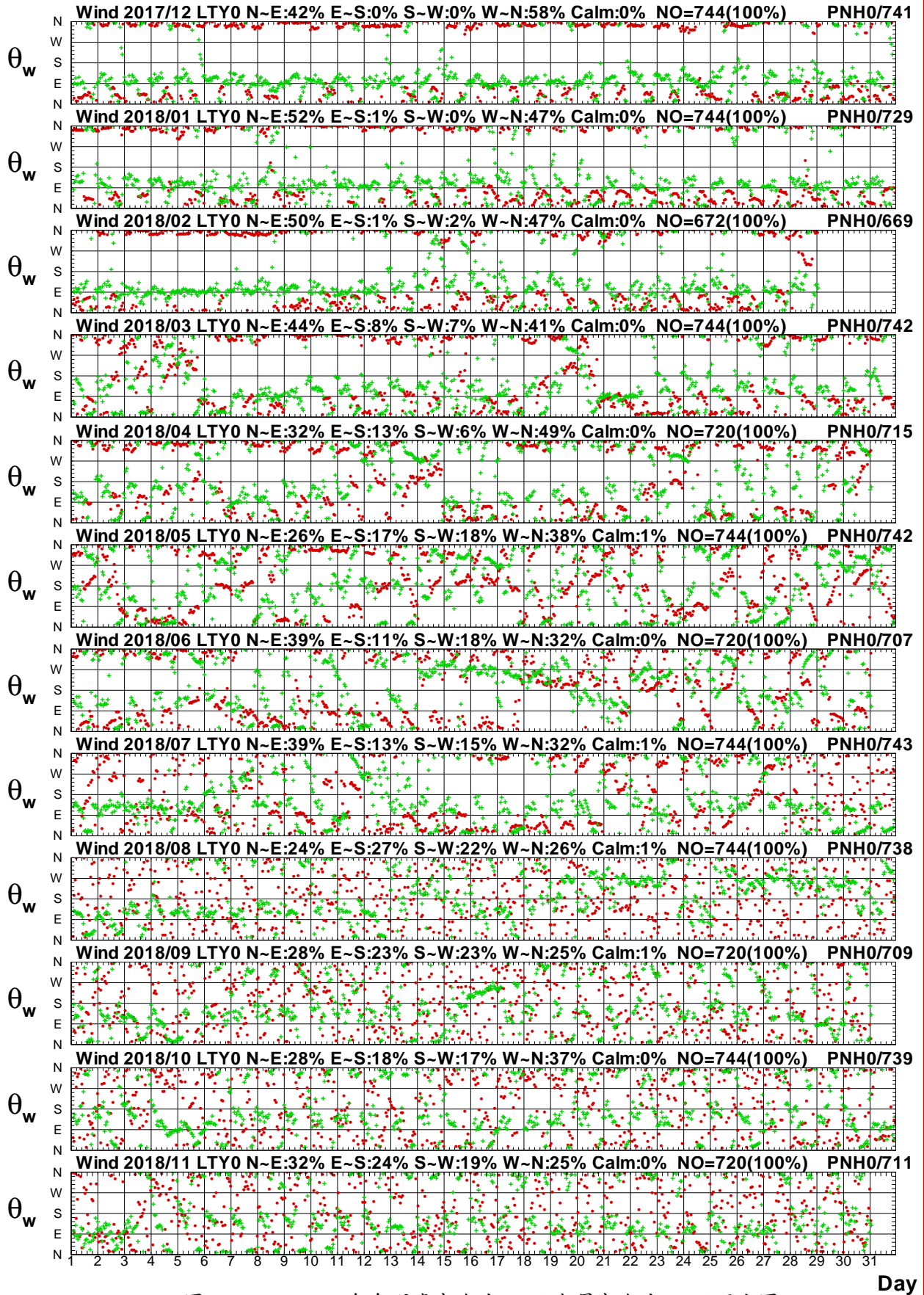


圖 1.3.20b 2018 年每月臺東海域 Y 站與屏東海域 H 站風向圖

W17CLTY0.1HA W17CPNH0.1H0 W181LTY0.1HA W181PNH0.1H0 W182LTY0.1HA W182PNH0.1H0
 W183LTY0.1HA W183PNH0.1H0 W184LTY0.1HA W184PNH0.1H0 W185LTY0.1HA W185PNH0.1H0

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Wind Speed in Ta-Tung Seas of LTY0 at 2018

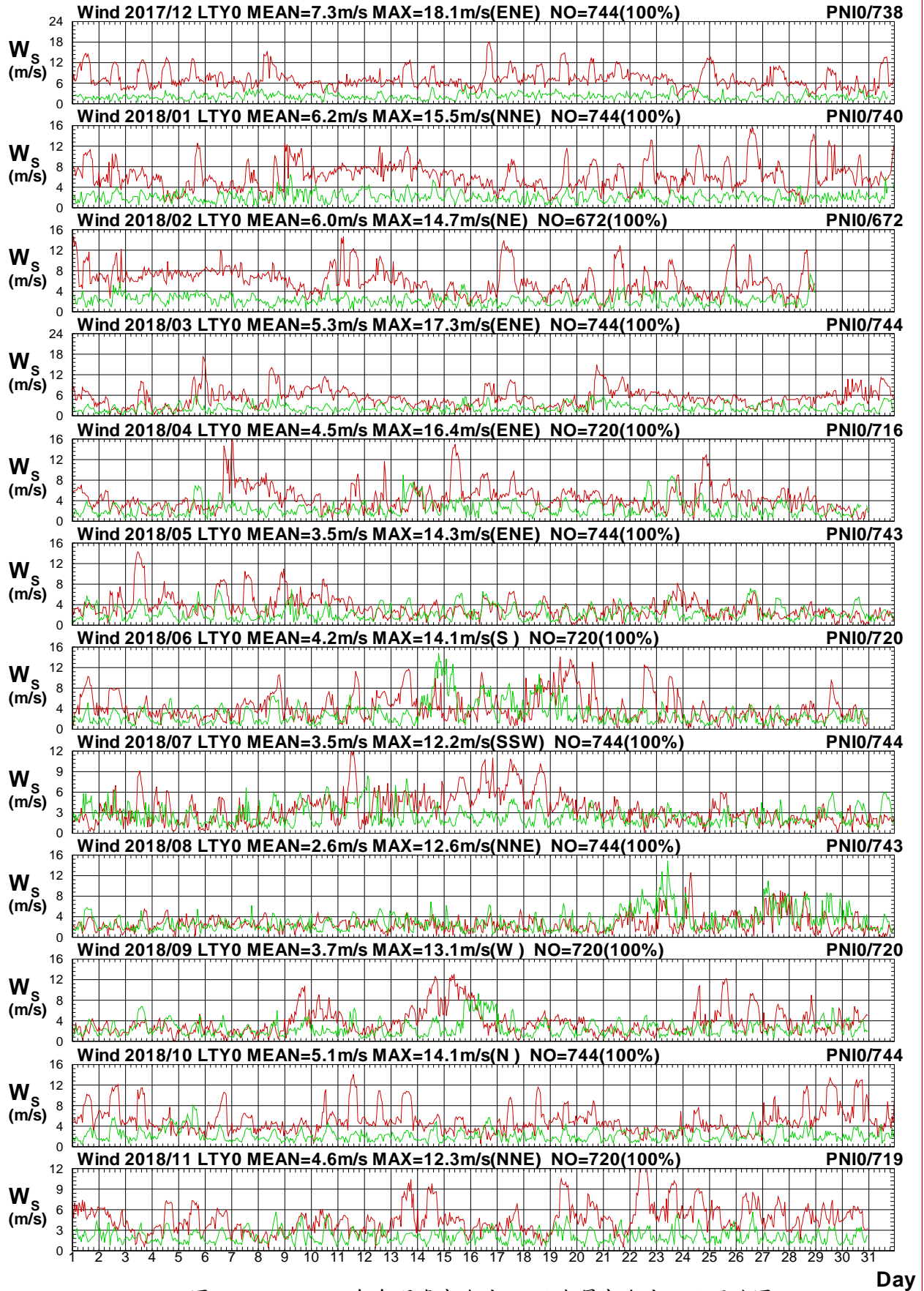


圖1.3.21a 2018年每月臺東海域 Y 站與屏東海域 I 站風速圖

W17CLTY0.1HA W17CPNI0.1H0 W181LTY0.1HA W181PNI0.1H0 W182LTY0.1HA W182PNI0.1H0
 W183LTY0.1HA W183PNI0.1H0 W184LTY0.1HA W184PNI0.1H0 W185LTY0.1HA W185PNI0.1H0

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Wind Direction in Ta-Tung Seas of LTY0 at 2018

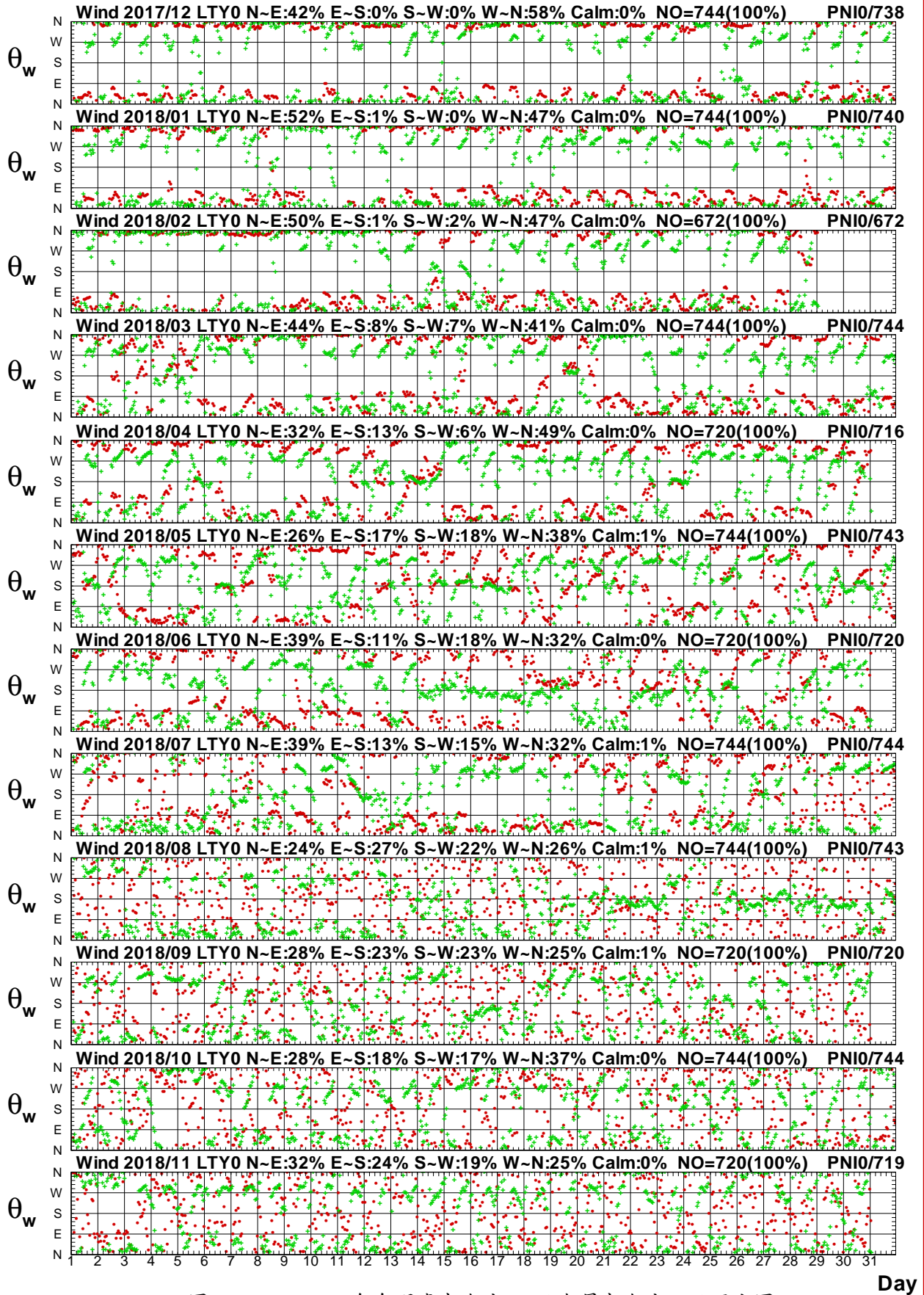


圖1.3.21b 2018年每月臺東海域 Y 站與屏東海域 I 站風向圖

W17CLTY0.1HA W17CPNI0.1H0 W181LTY0.1HA W181PNI0.1H0 W182LTY0.1HA W182PNI0.1H0
 W183LTY0.1HA W183PNI0.1H0 W184LTY0.1HA W184PNI0.1H0 W185LTY0.1HA W185PNI0.1H0

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Wind Speed in Ta-Tung Seas of LTY0 at 2018

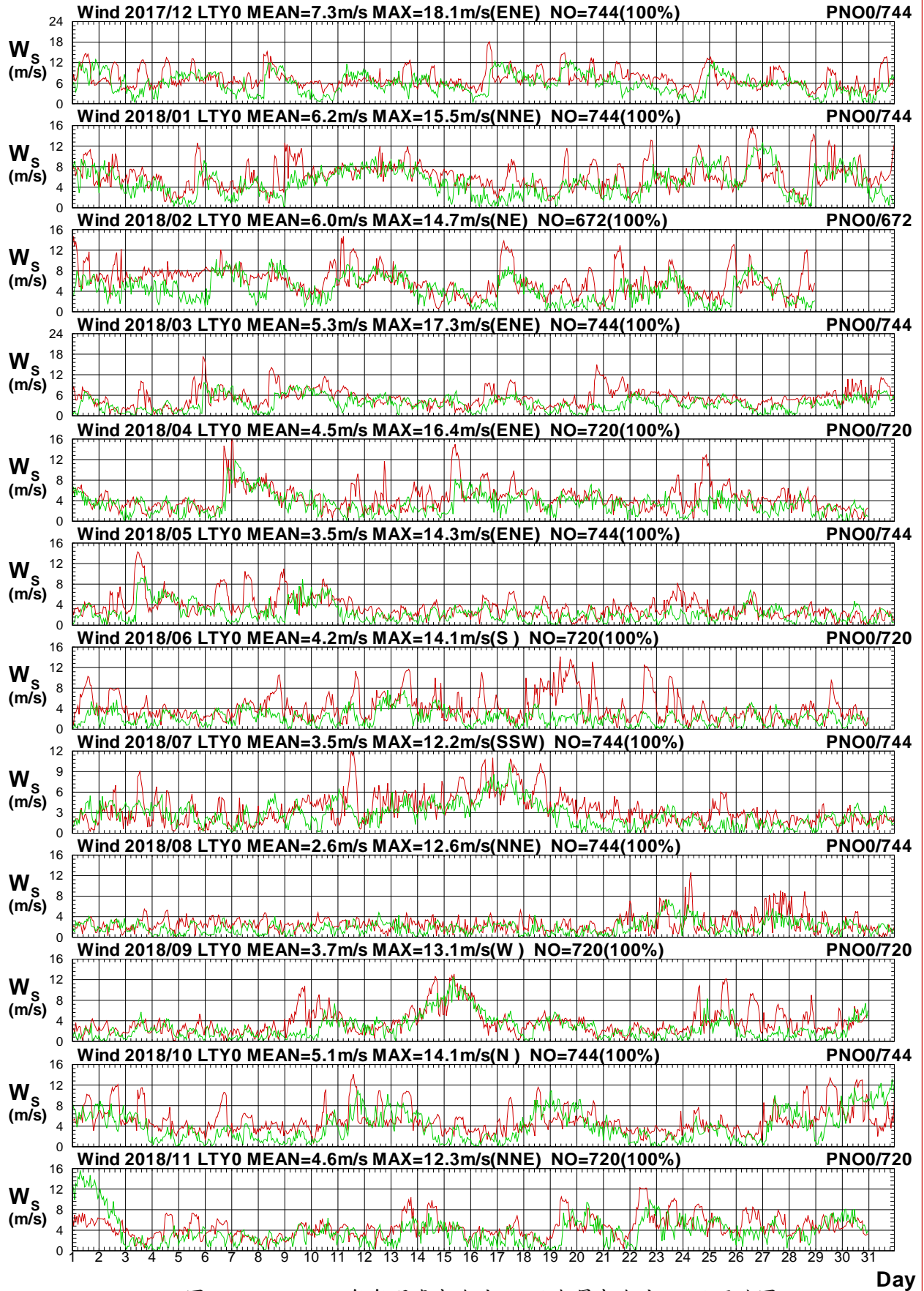


圖 1.3.22a 2018年每月臺東海域 Y 站與屏東海域 O 站風速圖

W17CLTY0.1HA W17CPNO0.1H0 W181LTY0.1HA W181PNO0.1H0 W182LTY0.1HA W182PNO0.1H0
 W183LTY0.1HA W183PNO0.1H0 W184LTY0.1HA W184PNO0.1H0 W185LTY0.1HA W185PNO0.1H0

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Wind Direction in Ta-Tung Seas of LTY0 at 2018

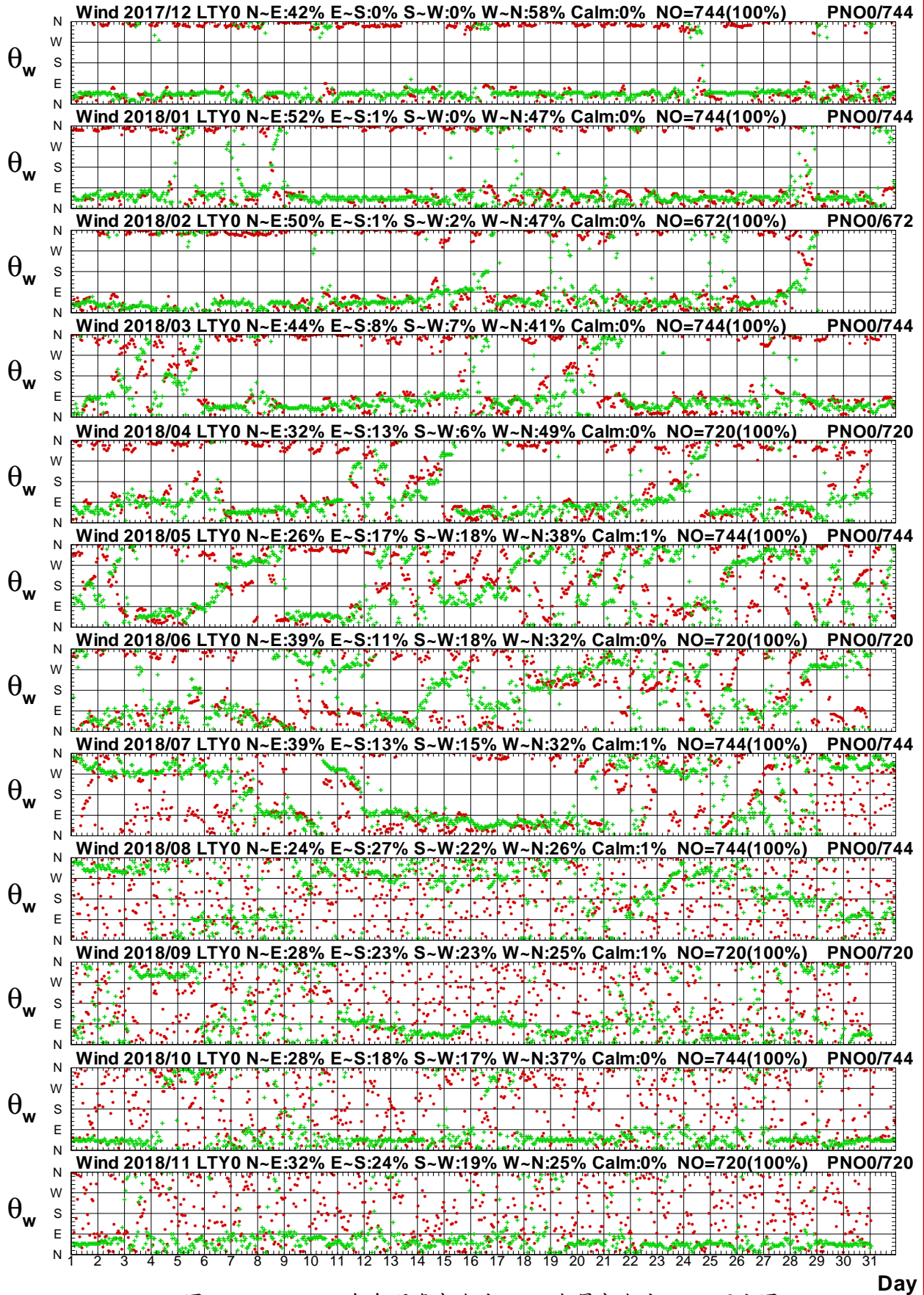


圖1.3.22b 2018年每月臺東海域 Y 站與屏東海域 O 站風向圖

W17CLTY0.1HA W17CPNO0.1H0 W181LTY0.1HA W181PNO0.1H0 W182LTY0.1HA W182PNO0.1H0
W183LTY0.1HA W183PNO0.1H0 W184LTY0.1HA W184PNO0.1H0 W185LTY0.1HA W185PNO0.1H0

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Wind Speed in Ta-Tung Seas of LTY0 at 2018

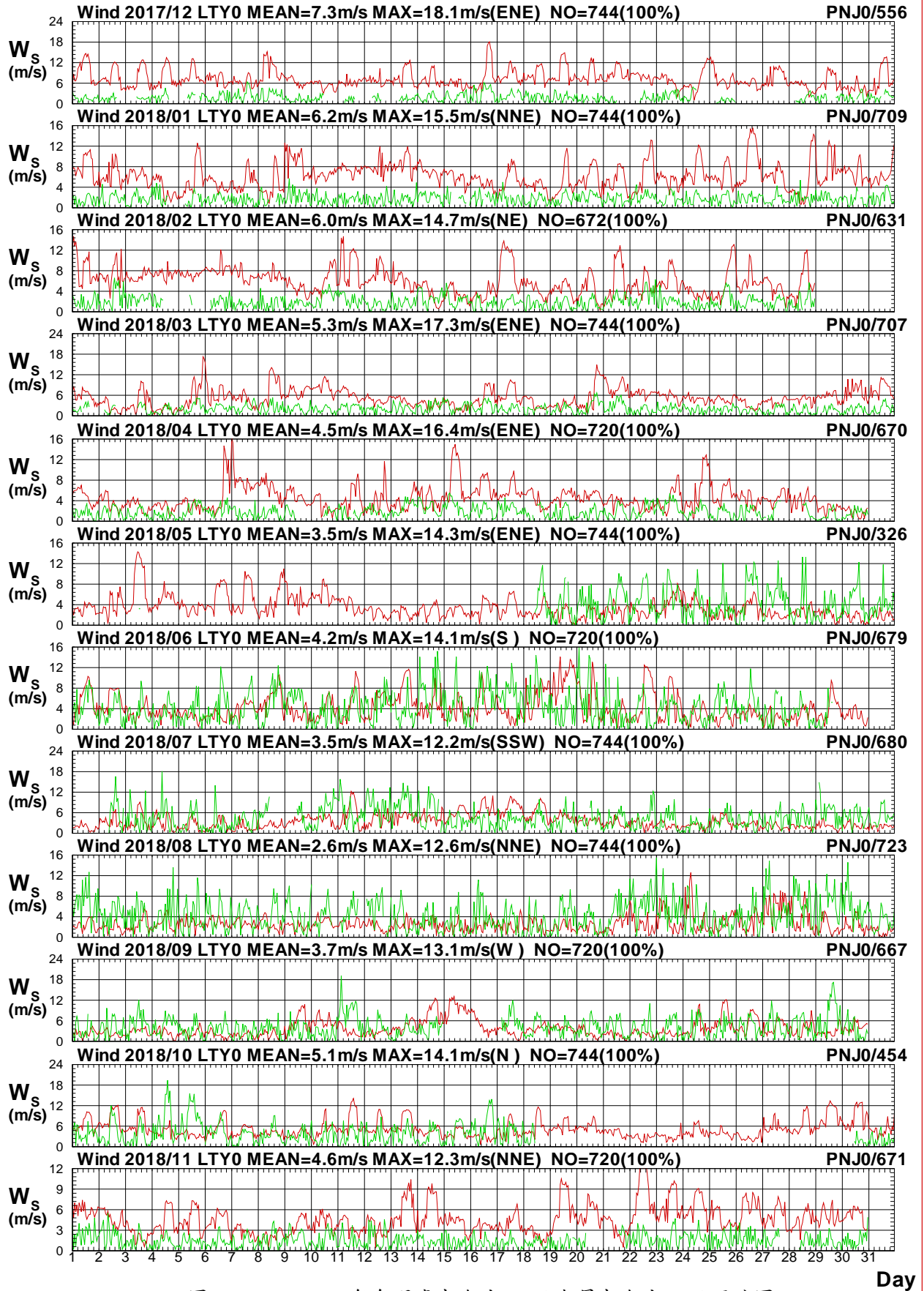


圖 1.3.23a 2018年每月臺東海域 Y 站與屏東海域 J 站風速圖

W17CLTY0.1HA W17CPNJ0.1H0 W181LTY0.1HA W181PNJ0.1H0 W182LTY0.1HA W182PNJ0.1H0
 W183LTY0.1HA W183PNJ0.1H0 W184LTY0.1HA W184PNJ0.1H0 W185LTY0.1HA W185PNJ0.1H0

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Wind Direction in Ta-Tung Seas of LTY0 at 2018

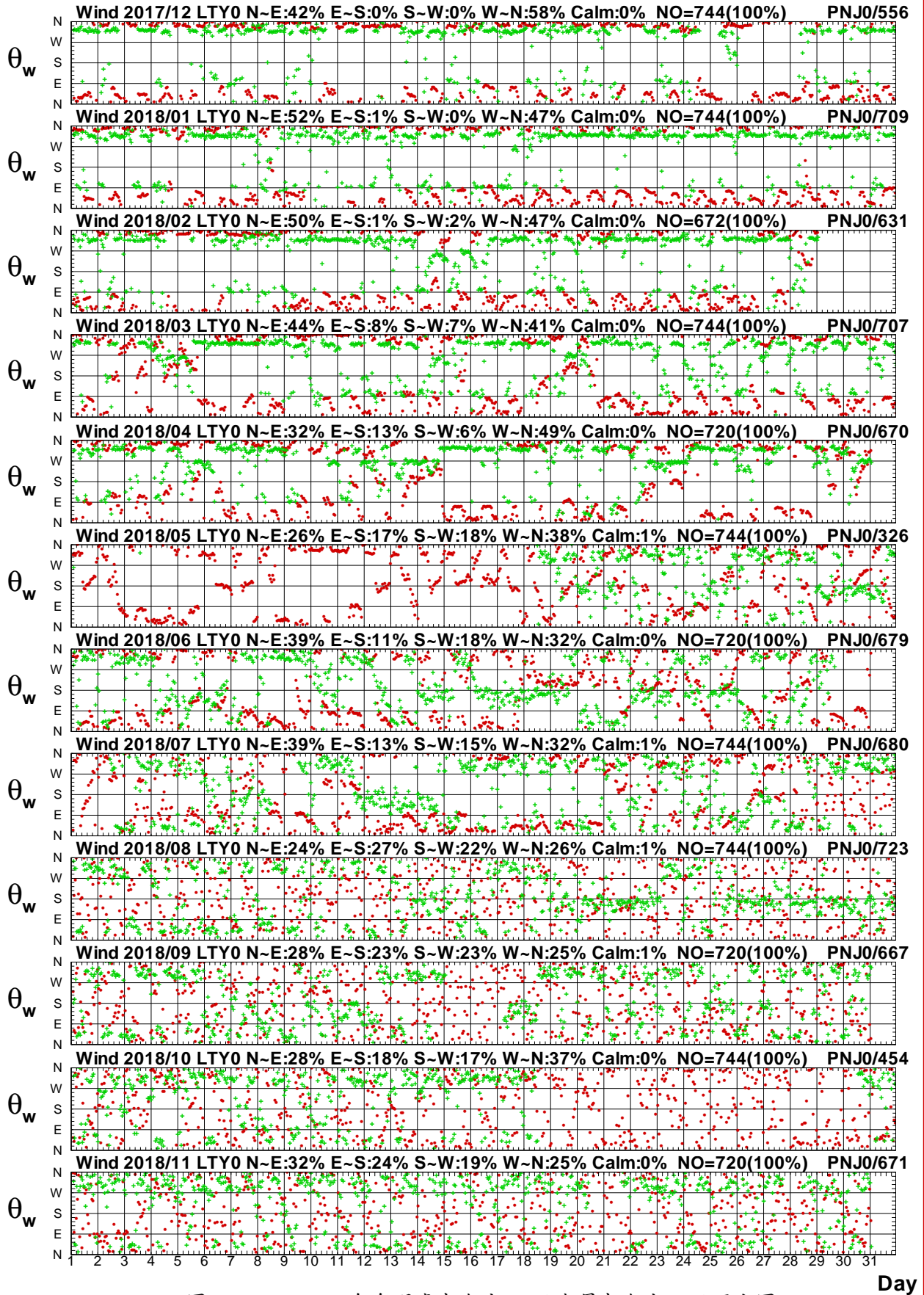


圖1.3.23b 2018年每月臺東海域 Y 站與屏東海域 J 站風向圖

W17CLTY0.1HA W17CPNJ0.1H0 W181LTY0.1HA W181PNJ0.1H0 W182LTY0.1HA W182PNJ0.1H0
 W183LTY0.1HA W183PNJ0.1H0 W184LTY0.1HA W184PNJ0.1H0 W185LTY0.1HA W185PNJ0.1H0

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Wind Speed in Ta-Tung Seas of LTY0 at 2018

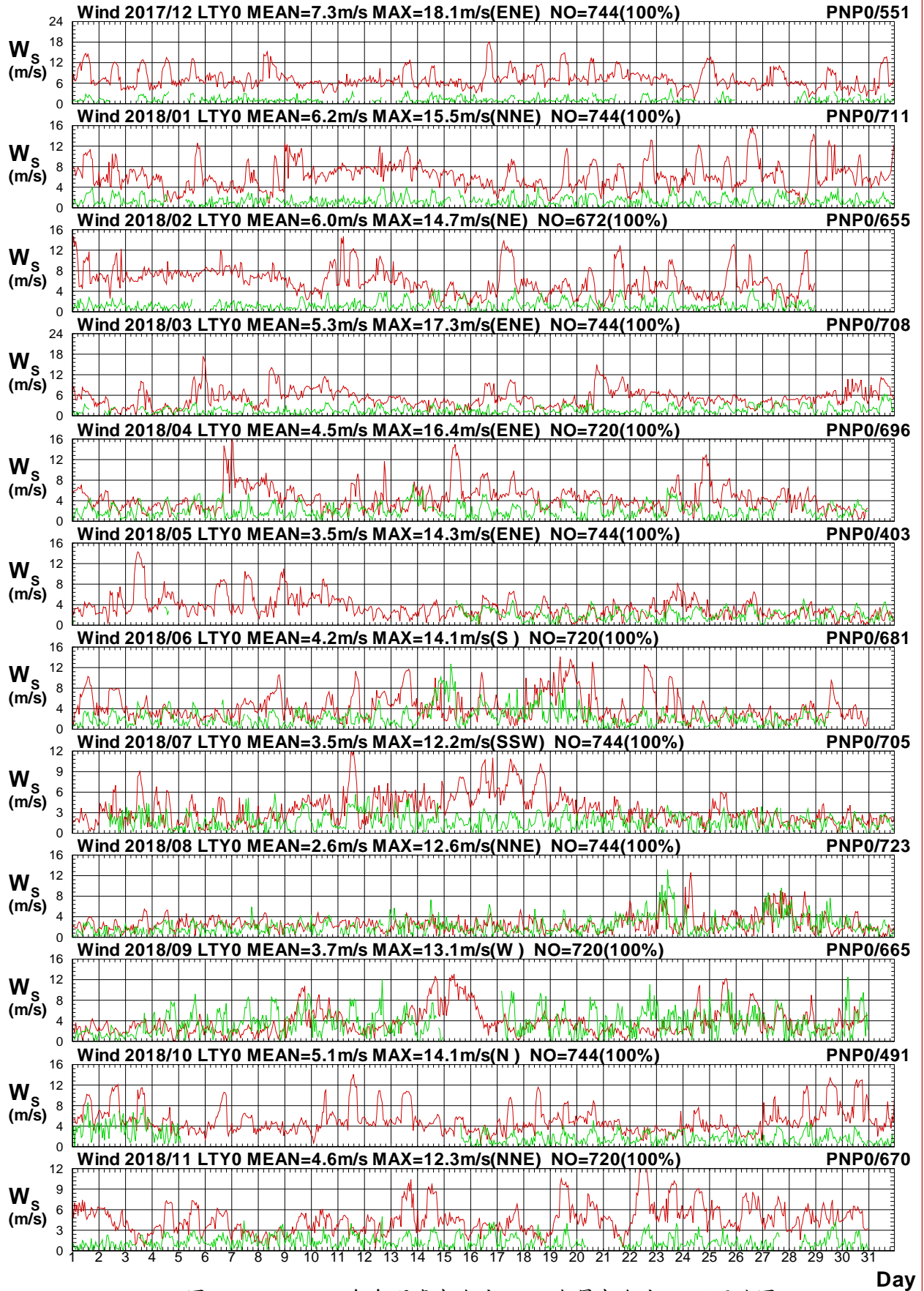


圖1.3.24a 2018年每月臺東海域 Y 站與屏東海域 P 站風速圖

W17CLTY0.1HA W17CPNP0.1H0 W181LTY0.1HA W181PNP0.1H0 W182LTY0.1HA W182PNP0.1H0
 W183LTY0.1HA W183PNP0.1H0 W184LTY0.1HA W184PNP0.1H0 W185LTY0.1HA W185PNP0.1H0

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Wind Direction in Ta-Tung Seas of LTY0 at 2018

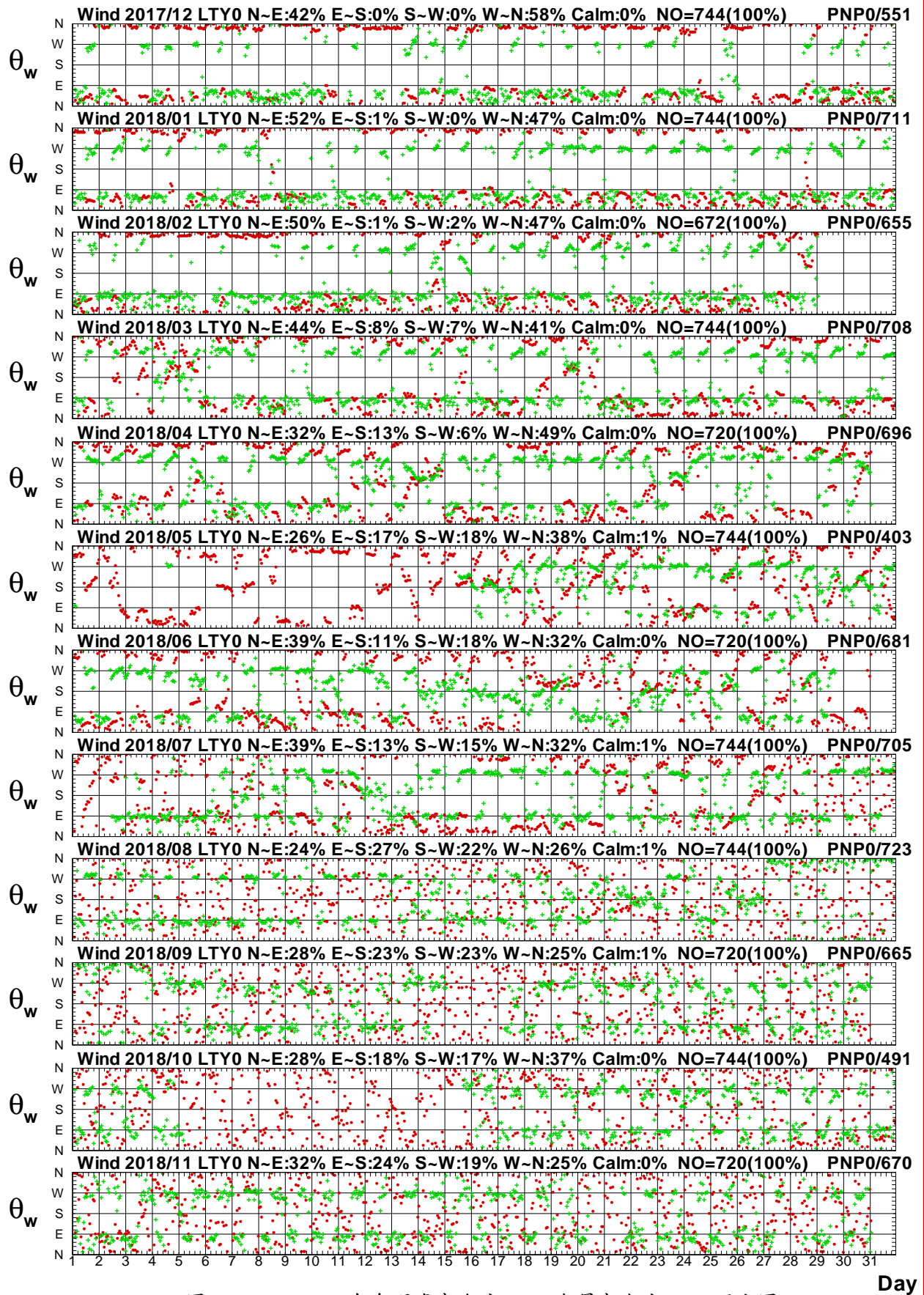


圖1.3.24b 2018年每月臺東海域 Y 站與屏東海域 P 站風向圖

W17CLTY0.1HA W17CPNP0.1H0 W181LTY0.1HA W181PNP0.1H0 W182LTY0.1HA W182PNP0.1H0
W183LTY0.1HA W183PNP0.1H0 W184LTY0.1HA W184PNP0.1H0 W185LTY0.1HA W185PNP0.1H0

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1.4 2018年臺東海域風力**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 Ta-Tung Seas of LTW0 at 2018

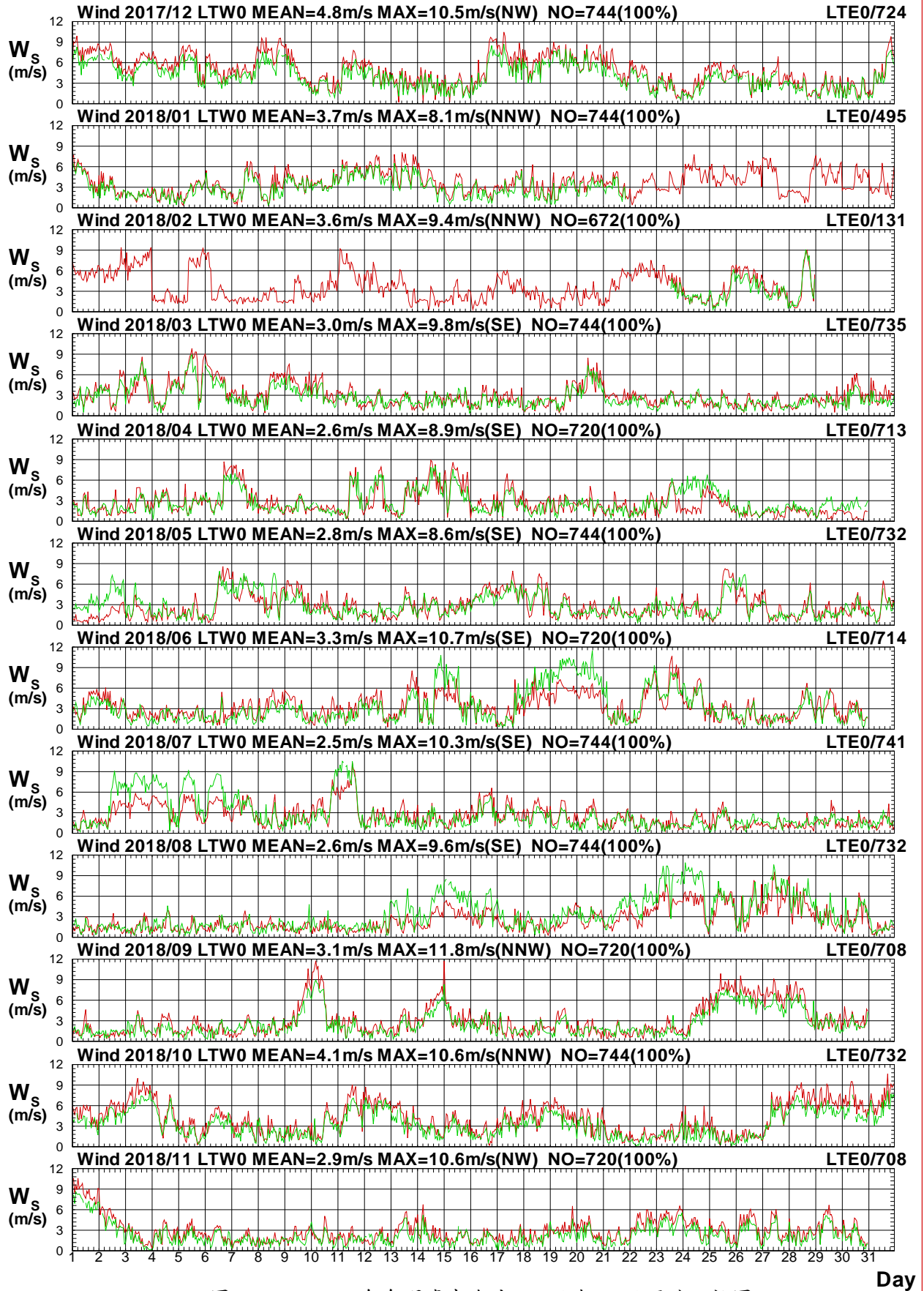


圖1.4.1a 2018年每月臺東海域 W 站與 E 站風速比較圖

W17CLTW0.1HA W17CLTE0.1HO W181LTW0.1HA W181LTE0.1HO W182LTW0.1HA W182LTE0.1HO
 W183LTW0.1HA W183LTE0.1HO W184LTW0.1HA W184LTE0.1HO W185LTW0.1HA W185LTE0.1HO

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Wind Direction in Ta-Tung Seas of LTW0 at 2018

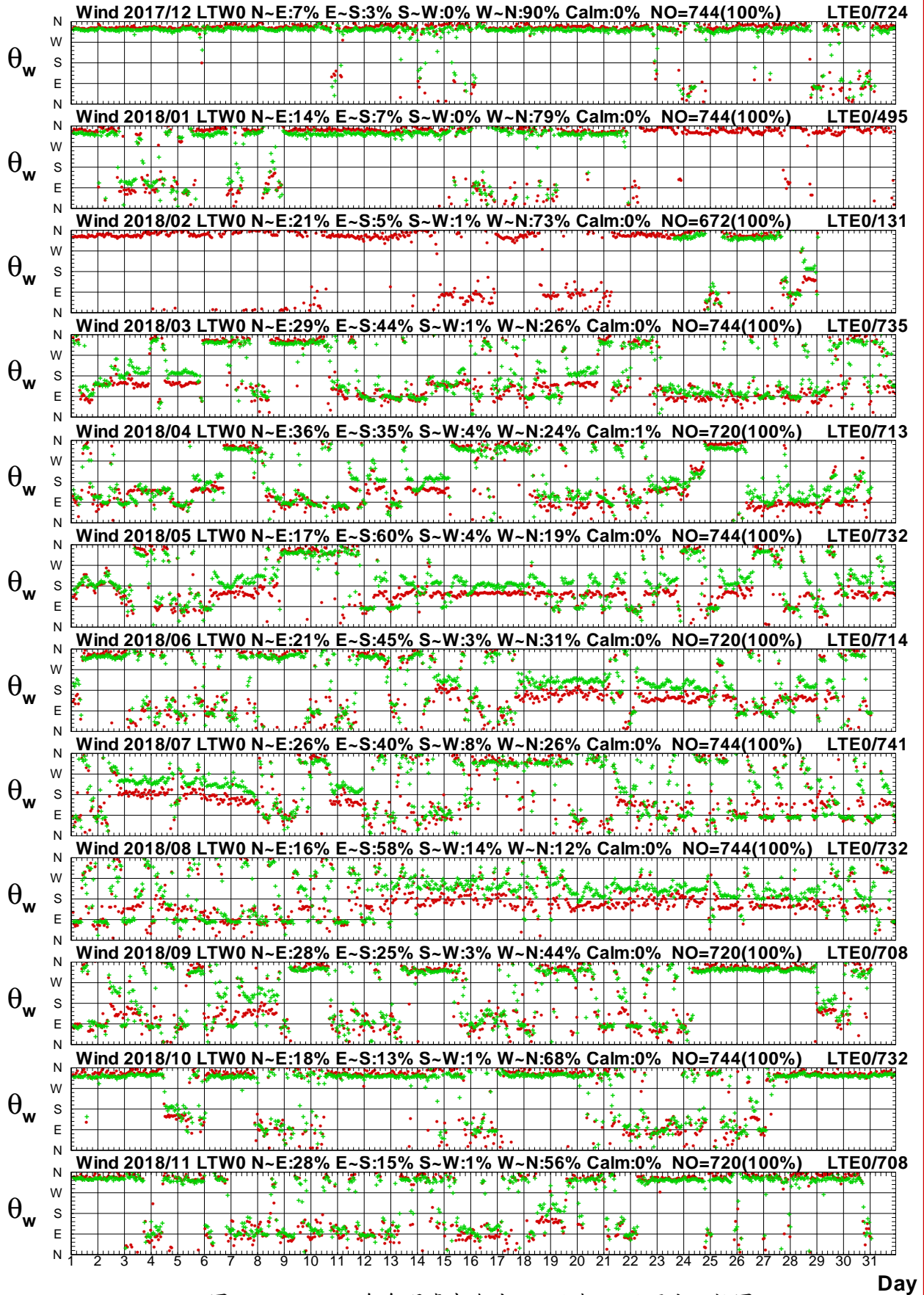


圖1.4.1b 2018年每月臺東海域 W 站與 E 站風向比較圖

W17CLTW0.1HA W17CLTE0.1HO W181LTW0.1HA W181LTE0.1HO W182LTW0.1HA W182LTE0.1HO
 W183LTW0.1HA W183LTE0.1HO W184LTW0.1HA W184LTE0.1HO W185LTW0.1HA W185LTE0.1HO

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Wind Speed in Ta-Tung Seas of LTW0 at 2018

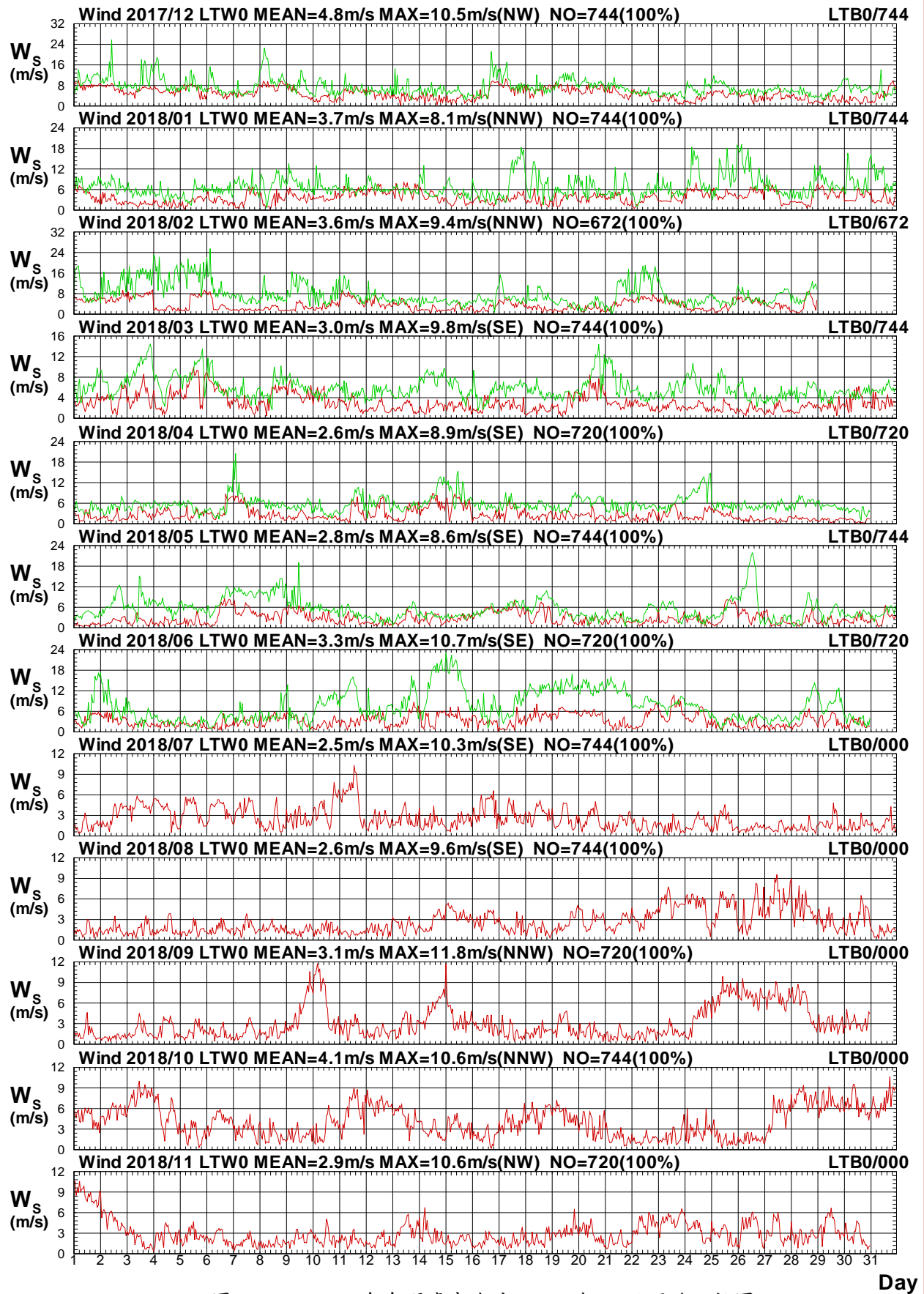


圖1.4.2a 2018年每月臺東海域 W 站與 B 站風速比較圖

W17CLTW0.1HA W17CLTB0.1HO W181LTW0.1HA W181LTB0.1HO W182LTW0.1HA W182LTB0.1HO
 W183LTW0.1HA W183LTB0.1HO W184LTW0.1HA W184LTB0.1HO W185LTW0.1HA W185LTB0.1HO

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Wind Direction in Ta-Tung Seas of LTW0 at 2018

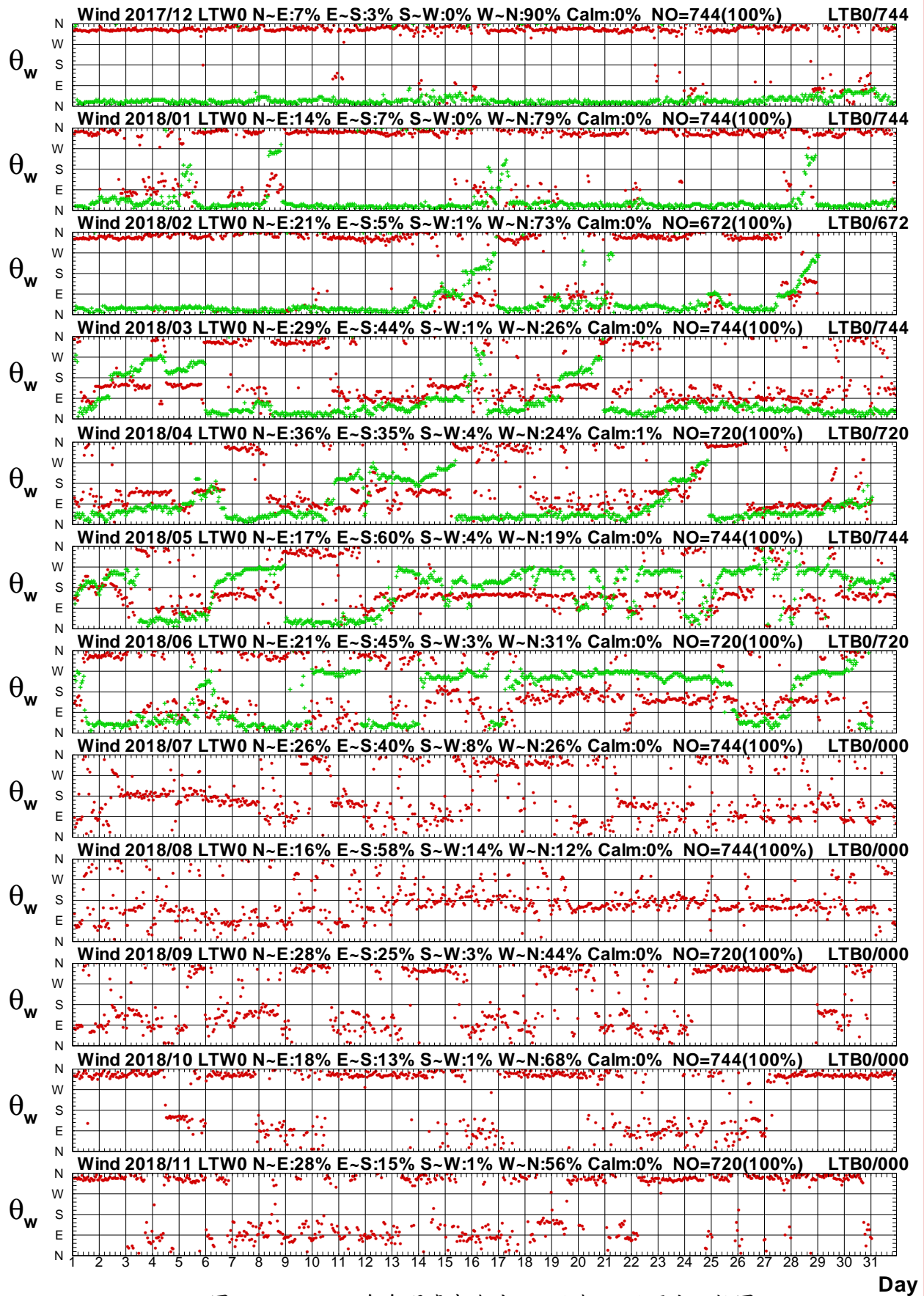


圖1.4.2b 2018年每月臺東海域 W 站與 B 站風向比較圖

W17CLTW0.1HA W17CLTB0.1HO W181LTW0.1HA W181LTB0.1HO W182LTW0.1HA W182LTB0.1HO
W183LTW0.1HA W183LTB0.1HO W184LTW0.1HA W184LTB0.1HO W185LTW0.1HA W185LTB0.1HO

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Wind Speed in Ta-Tung Seas of LTW0 at 2018

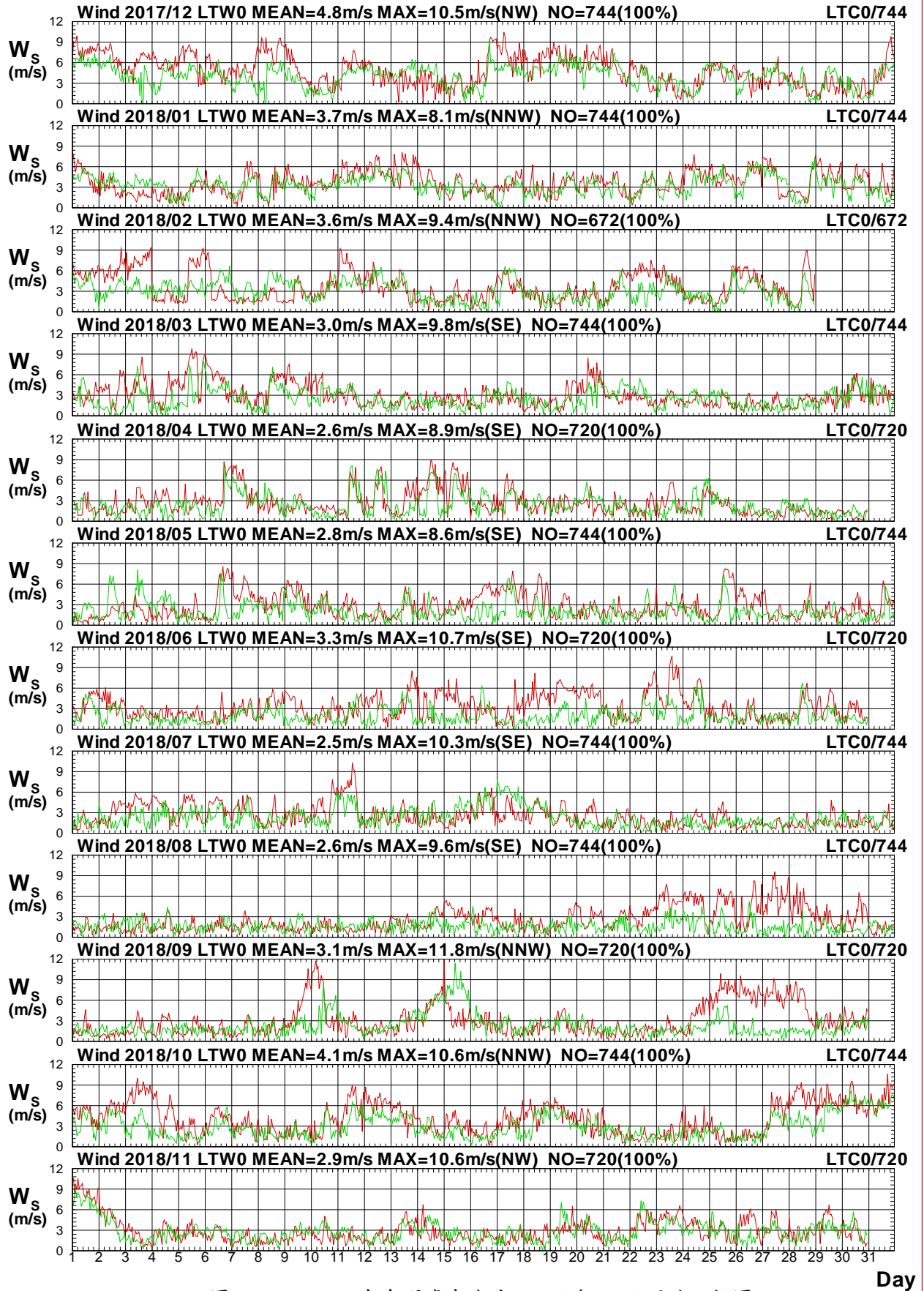


圖1.4.3a 2018年每月臺東海域 W 站與 C 站風速比較圖

W17CLTW0.1HA W17CLTC0.1H0 W181LTW0.1HA W181LTC0.1H0 W182LTW0.1HA W182LTC0.1H0
 W183LTW0.1HA W183LTC0.1H0 W184LTW0.1HA W184LTC0.1H0 W185LTW0.1HA W185LTC0.1H0

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Wind Direction in Ta-Tung Seas of LTW0 at 2018

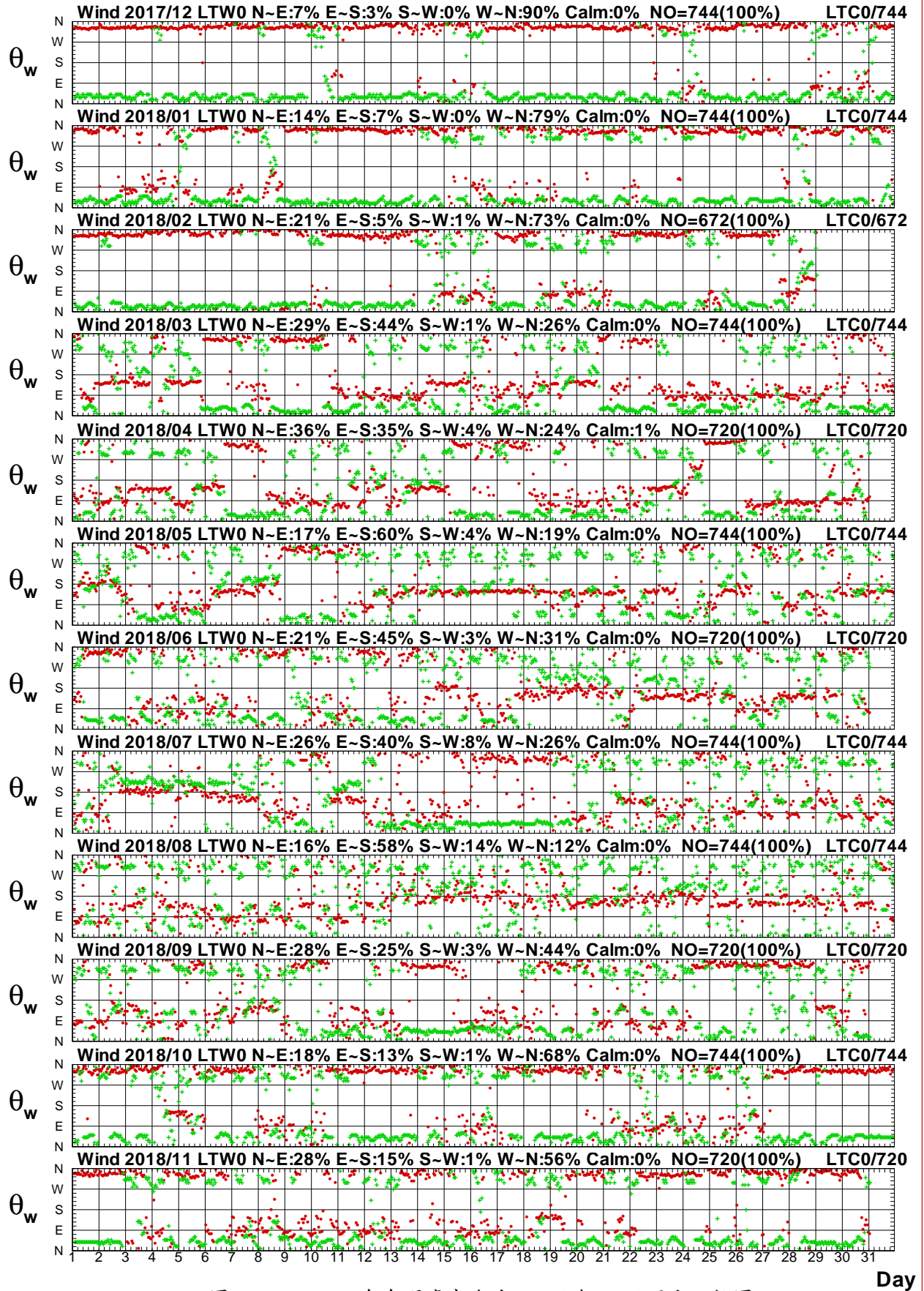


圖1.4.3b 2018年每月臺東海域 W 站與 C 站風向比較圖

W17CLTW0.1HA W17CLTC0.1HO W181LTW0.1HA W181LTC0.1HO W182LTW0.1HA W182LTC0.1HO
 W183LTW0.1HA W183LTC0.1HO W184LTW0.1HA W184LTC0.1HO W185LTW0.1HA W185LTC0.1HO

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Wind Speed in Ta-Tung Seas of LTW0 at 2018

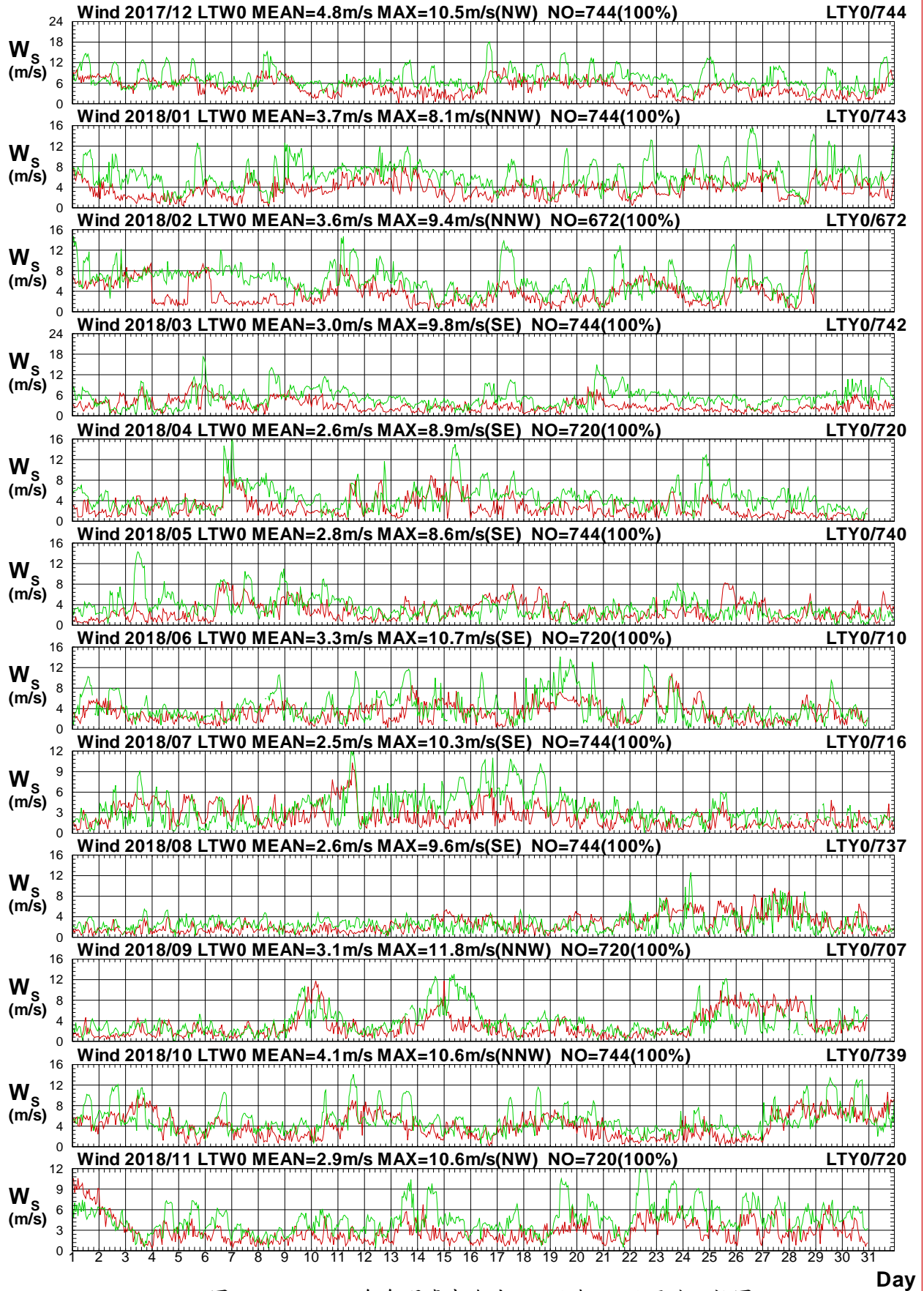


圖1.4.4a 2018年每月臺東海域 W 站與 Y 站風速比較圖

W17CLTW0.1HA W17CLTY0.1HO W181LTW0.1HA W181LTY0.1HO W182LTW0.1HA W182LTY0.1HO
 W183LTW0.1HA W183LTY0.1HO W184LTW0.1HA W184LTY0.1HO W185LTW0.1HA W185LTY0.1HO

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Wind Direction in Ta-Tung Seas of LTW0 at 2018

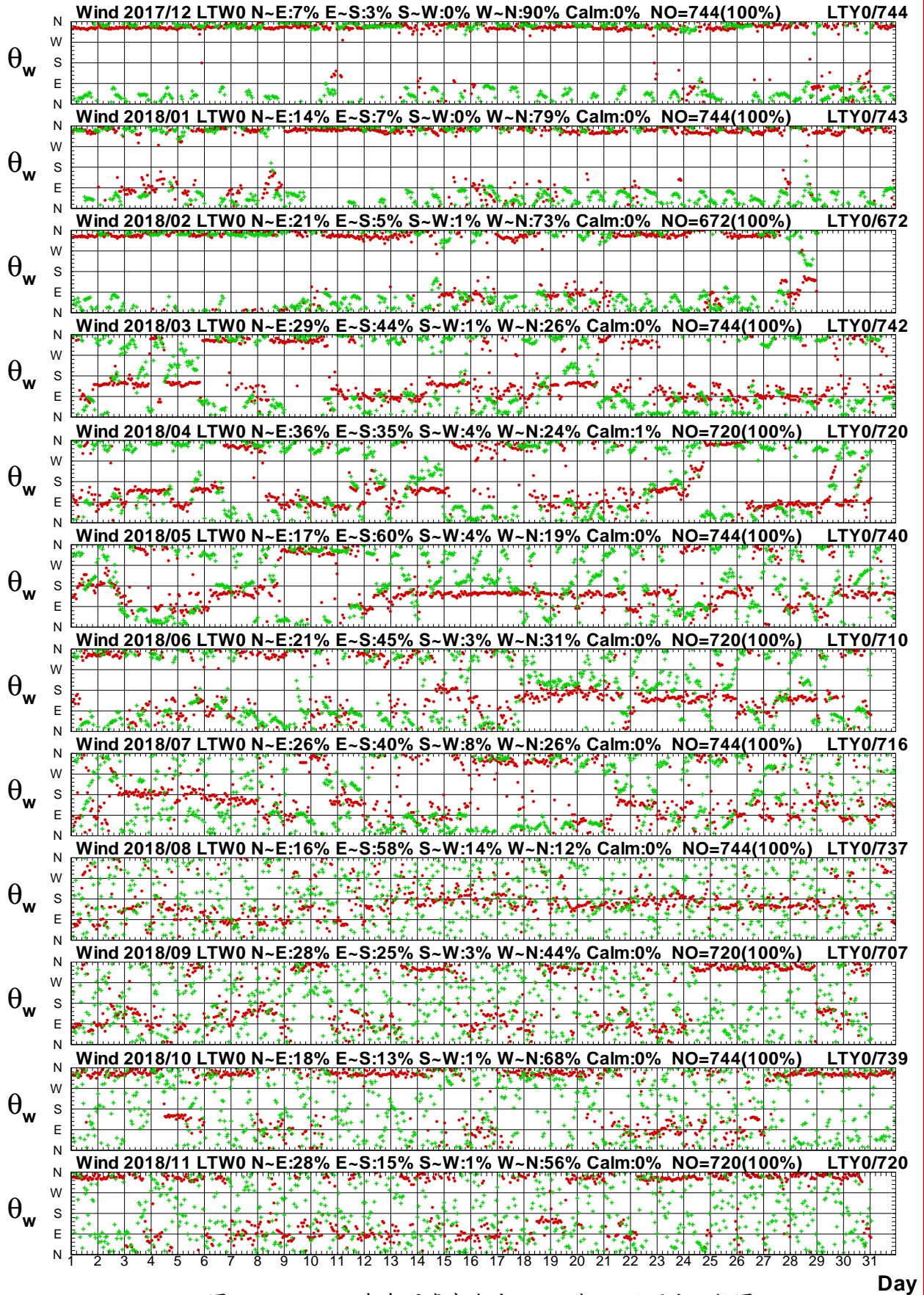


圖1.4.4b 2018年每月臺東海域 W 站與 Y 站風向比較圖

W17CLTW0.1HA W17CLTY0.1HO W181LTW0.1HA W181LTY0.1HO W182LTW0.1HA W182LTY0.1HO
 W183LTW0.1HA W183LTY0.1HO W184LTW0.1HA W184LTY0.1HO W185LTW0.1HA W185LTY0.1HO

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Wind Speed in Ta-Tung Seas of LTW0 at 2018

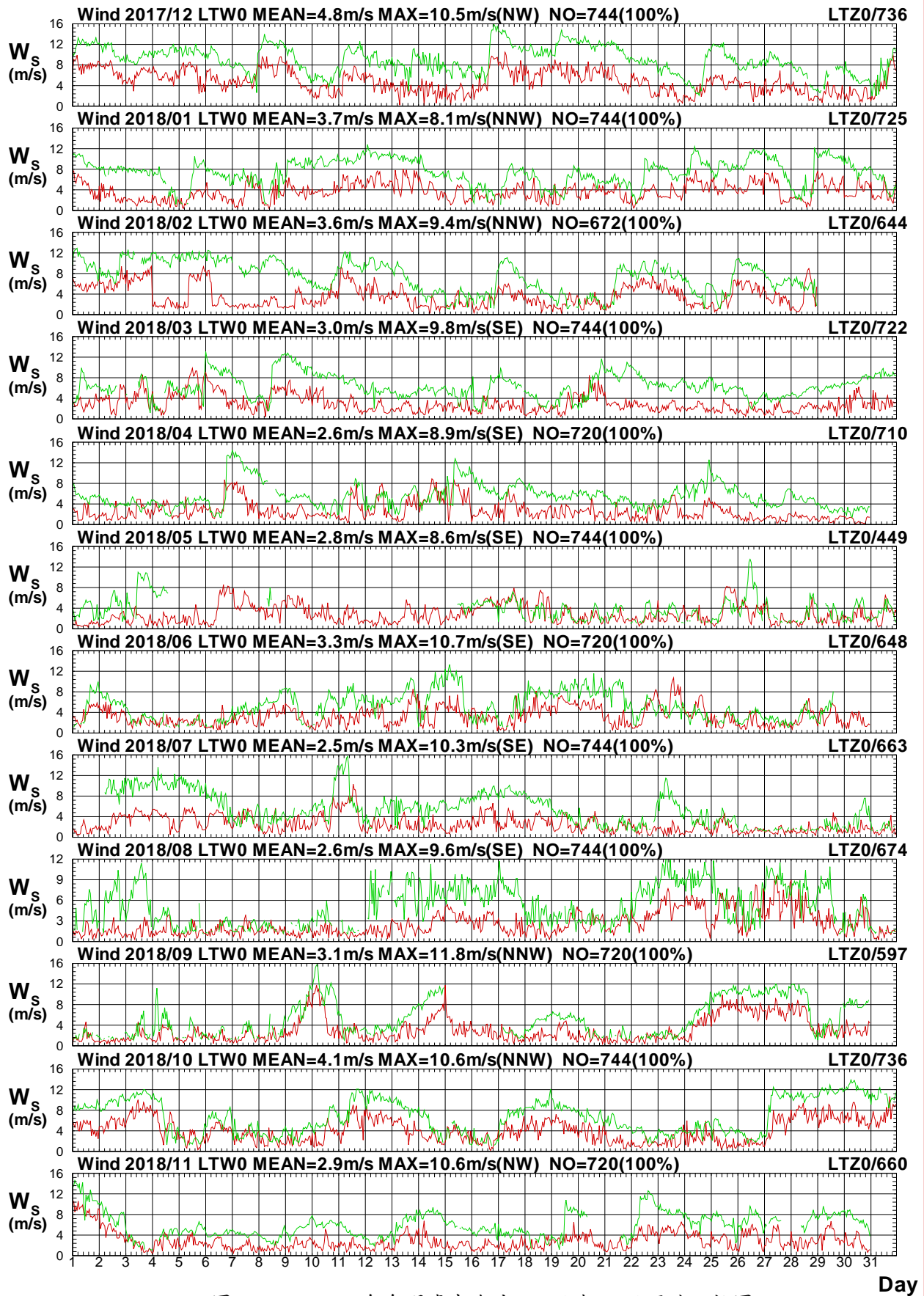


圖1.4.5a 2018年每月臺東海域 W 站與 Z 站風速比較圖

W17CLTW0.1HA W17CLTZ0.1H0 W181LTW0.1HA W181LTZ0.1H0 W182LTW0.1HA W182LTZ0.1H0
 W183LTW0.1HA W183LTZ0.1H0 W184LTW0.1HA W184LTZ0.1H0 W185LTW0.1HA W185LTZ0.1H0

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Wind Direction in Ta-Tung Seas of LTW0 at 2018

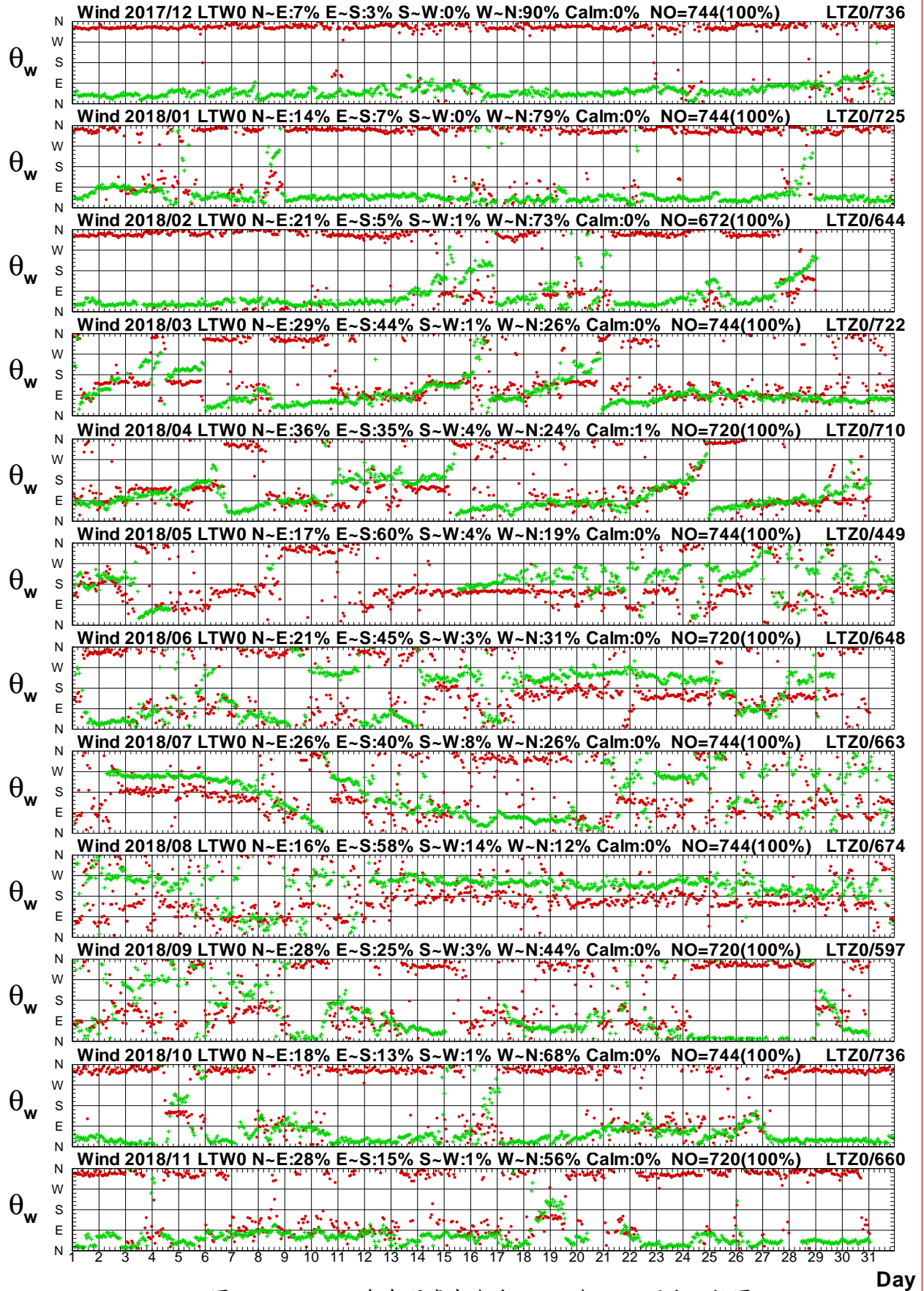


圖1.4.5b 2018年每月臺東海域 W 站與 Z 站風向比較圖

W17CLTW0.1HA W17CLTZ0.1H0 W181LTW0.1HA W181LTZ0.1H0 W182LTW0.1HA W182LTZ0.1H0
 W183LTW0.1HA W183LTZ0.1H0 W184LTW0.1HA W184LTZ0.1H0 W185LTW0.1HA W185LTZ0.1H0

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Wind Speed in Ta-Tung Seas of LTW0 at 2018

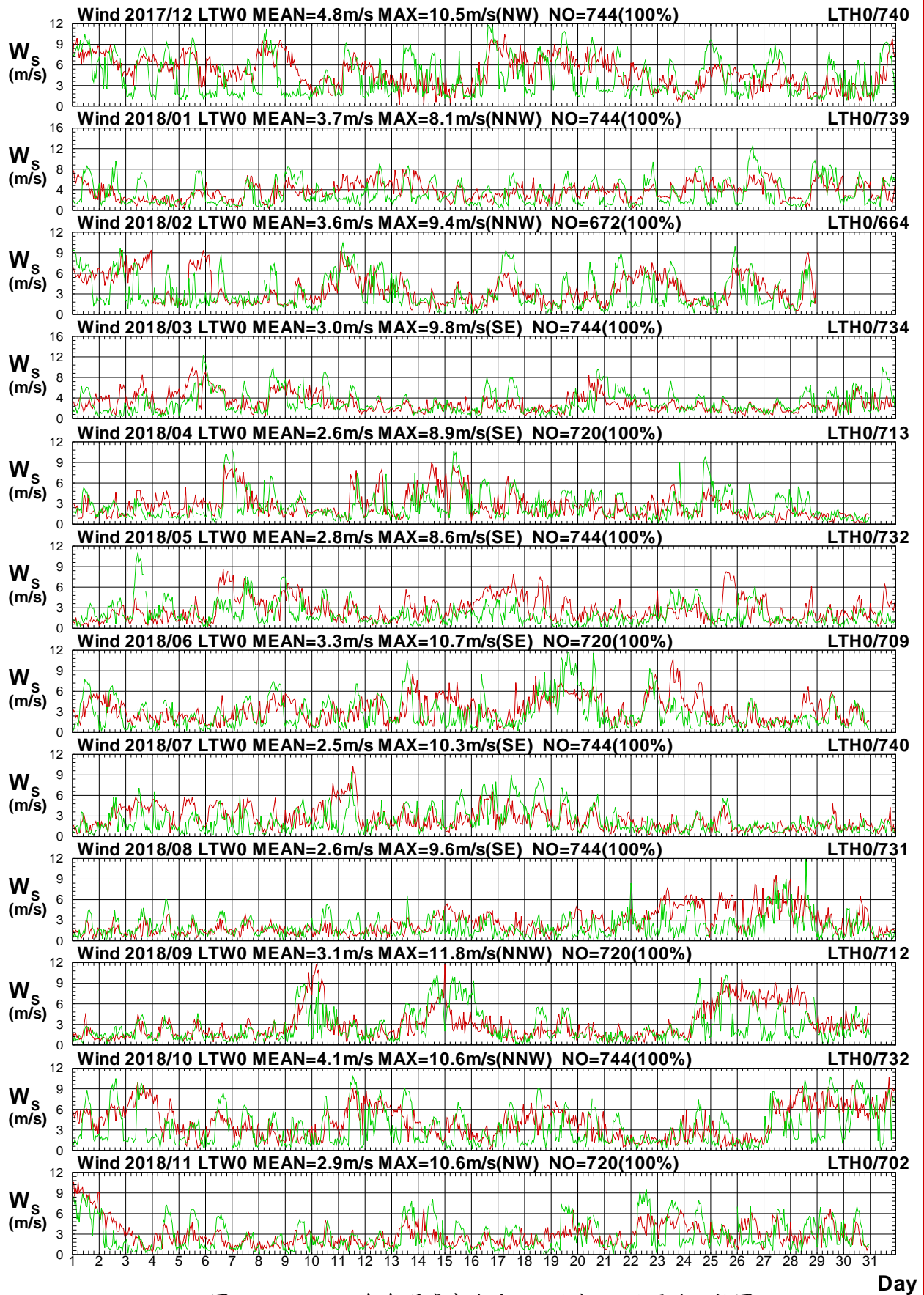


圖1.4.6a 2018年每月臺東海域 W 站與 H 站風速比較圖

W17CLTW0.1HA W17CLTH0.1HO W181LTW0.1HA W181LTH0.1HO W182LTW0.1HA W182LTH0.1HO
W183LTW0.1HA W183LTH0.1HO W184LTW0.1HA W184LTH0.1HO W185LTW0.1HA W185LTH0.1HO

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Wind Direction in Ta-Tung Seas of LTW0 at 2018

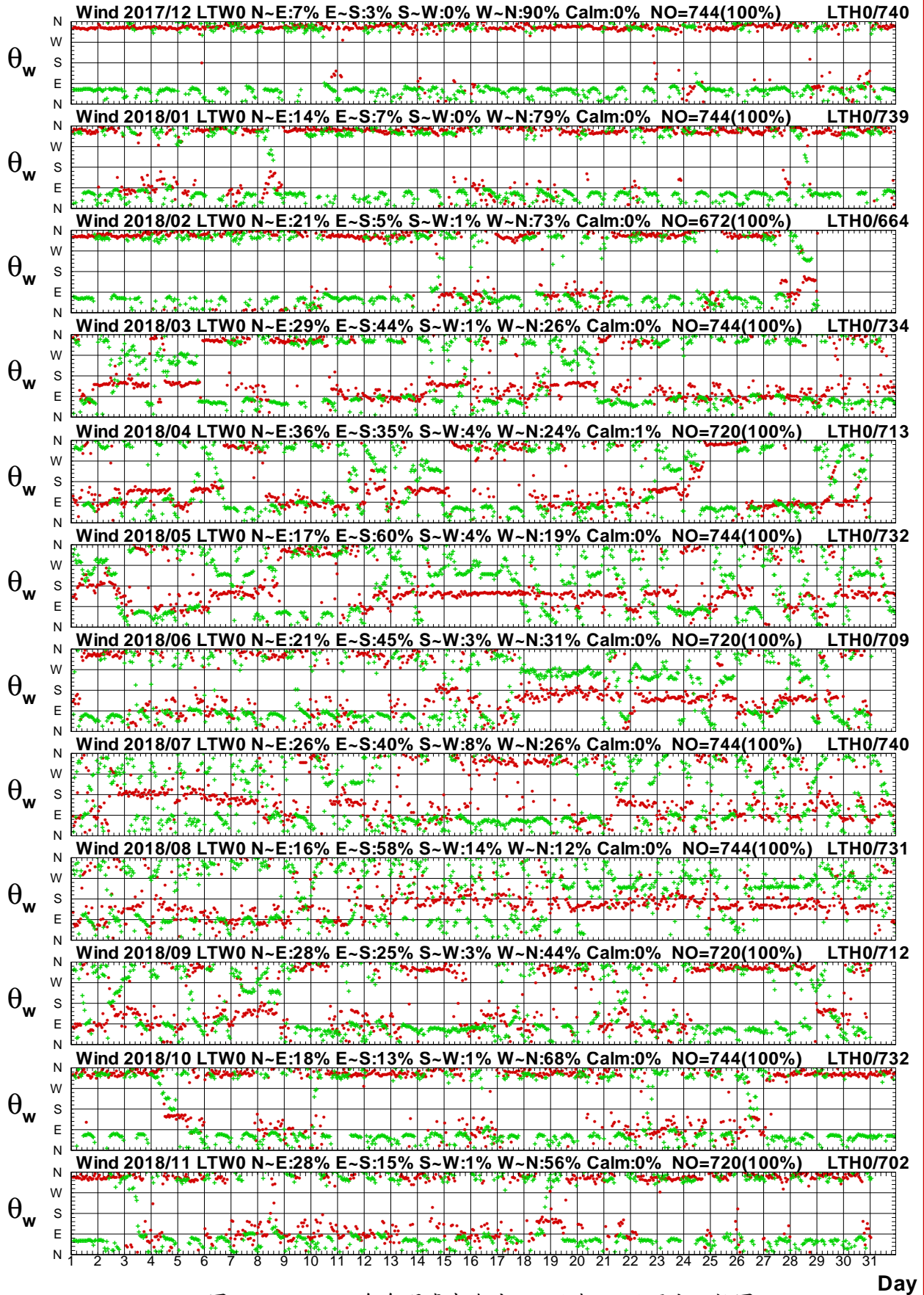


圖1.4.6b 2018年每月臺東海域 W 站與 H 站風向比較圖

W17CLTW0.1HA W17CLTH0.1HO W181LTW0.1HA W181LTH0.1HO W182LTW0.1HA W182LTH0.1HO
W183LTW0.1HA W183LTH0.1HO W184LTW0.1HA W184LTH0.1HO W185LTW0.1HA W185LTH0.1HO

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Wind Speed in Ta-Tung Seas of LTW0 at 2018

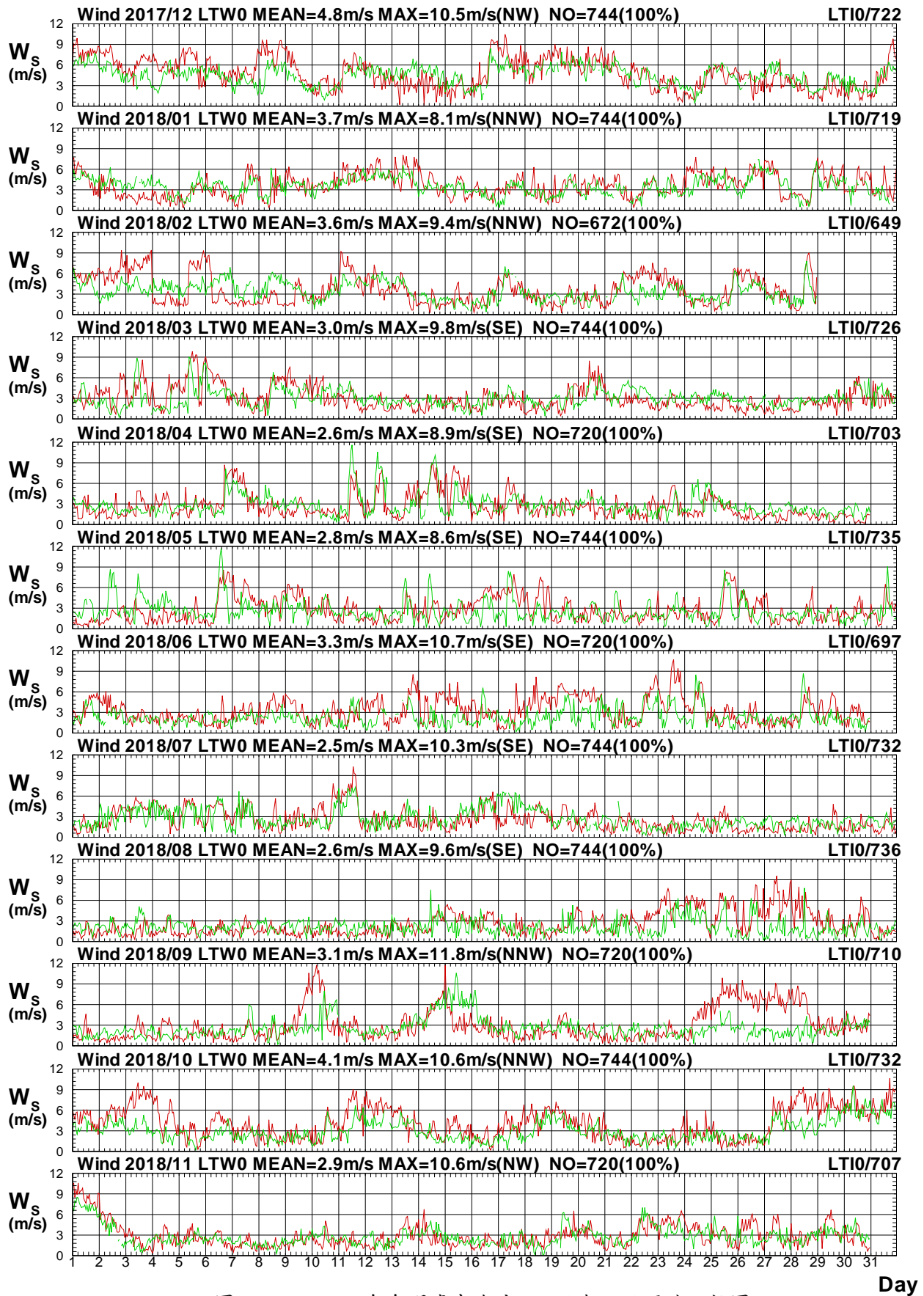


圖1.4.7a 2018年每月臺東海域 W 站與 I 站風速比較圖

W17CLTW0.1HA W17CLTI0.1H0 W181LTW0.1HA W181LTI0.1H0 W182LTW0.1HA W182LTI0.1H0
 W183LTW0.1HA W183LTI0.1H0 W184LTW0.1HA W184LTI0.1H0 W185LTW0.1HA W185LTI0.1H0

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Wind Direction in Ta-Tung Seas of LTW0 at 2018

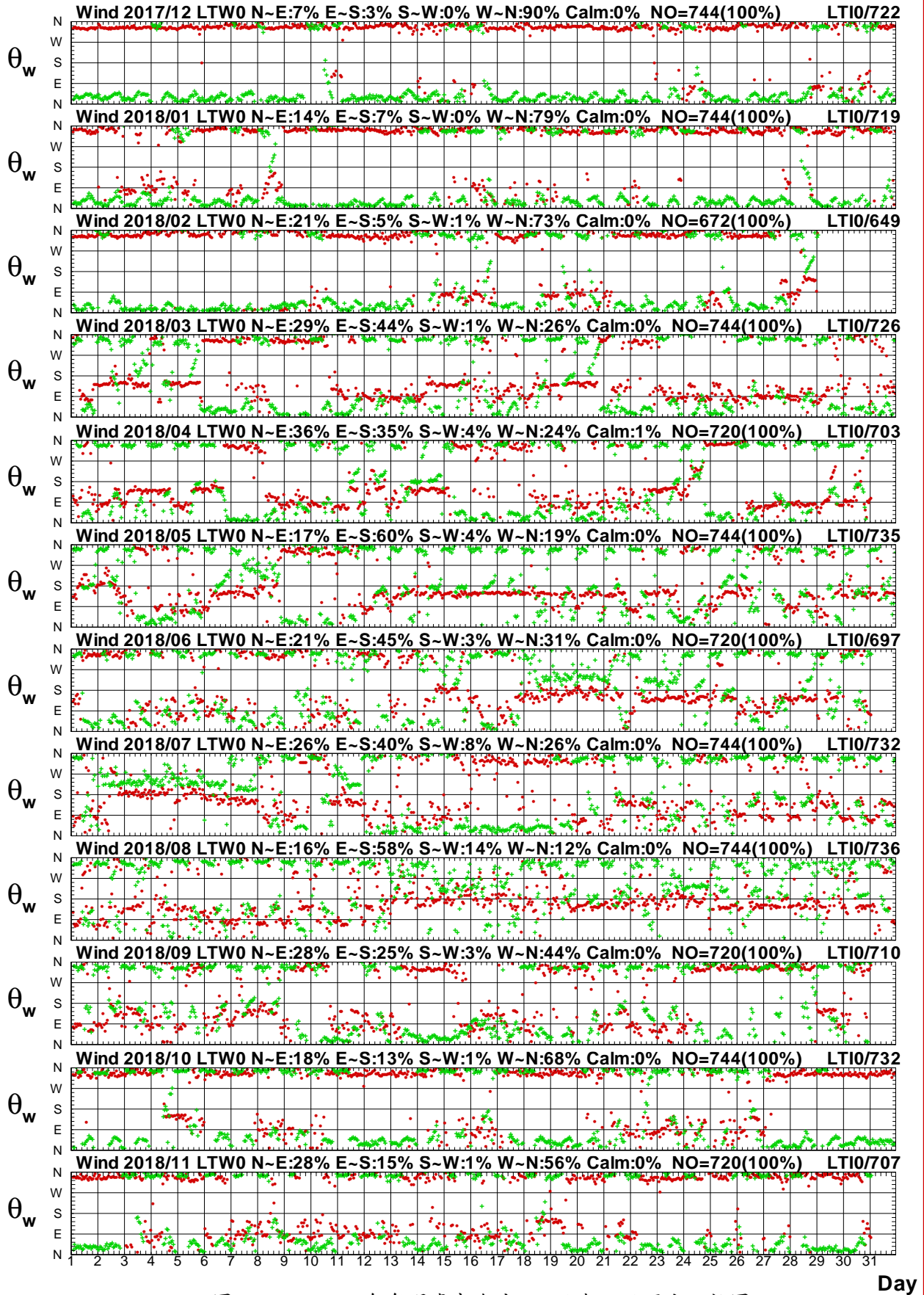


圖1.4.7b 2018年每月臺東海域 W 站與 I 站風向比較圖

W17CLTW0.1HA W17CLTI0.1HO W181LTW0.1HA W181LTI0.1HO W182LTW0.1HA W182LTI0.1HO
W183LTW0.1HA W183LTI0.1HO W184LTW0.1HA W184LTI0.1HO W185LTW0.1HA W185LTI0.1HO

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Wind Speed in Ta-Tung Seas of LTW0 at 2018

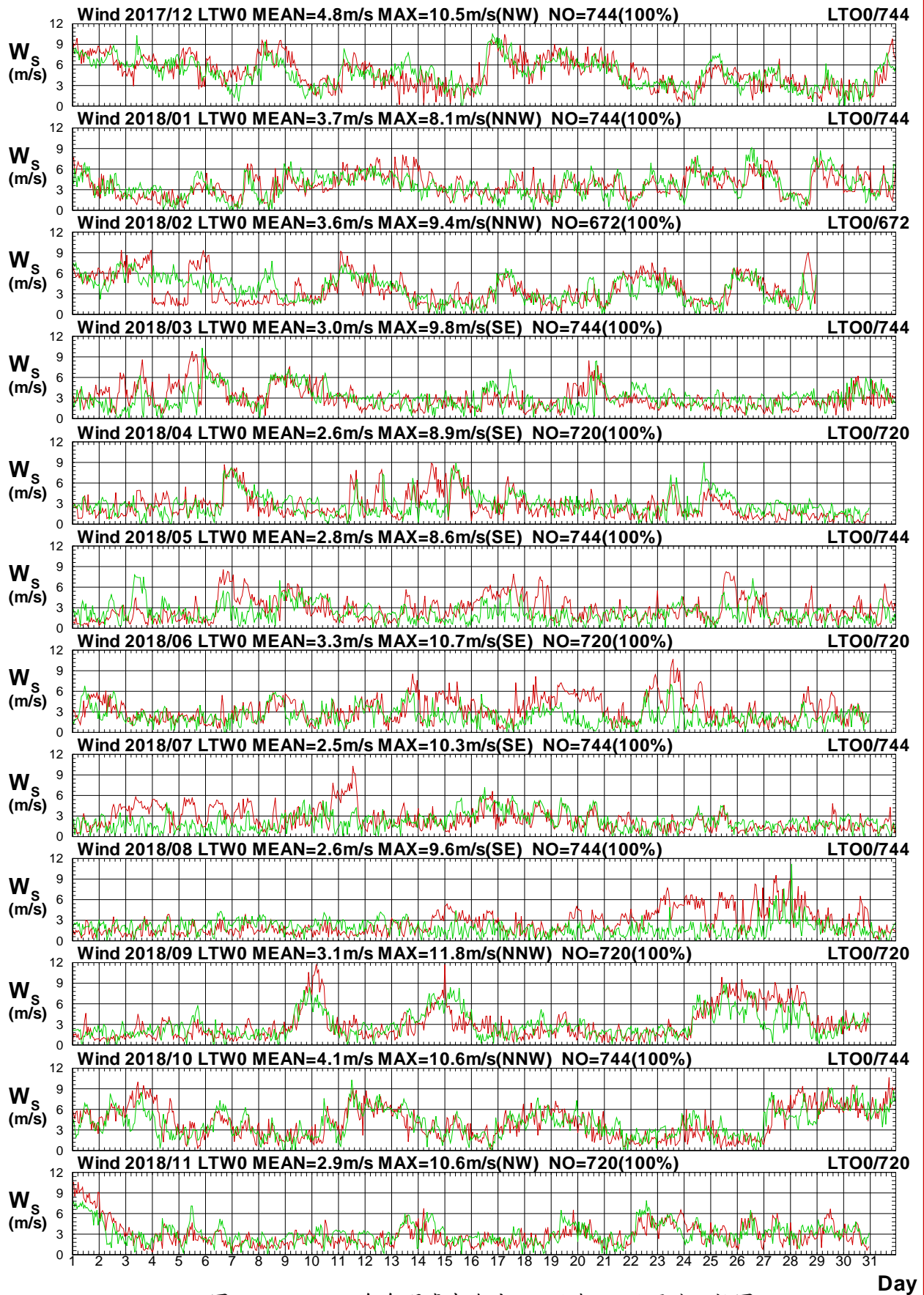


圖1.4.8a 2018年每月臺東海域 W 站與 O 站風速比較圖

W17CLTW0.1HA W17CLTO0.1HO W181LTW0.1HA W181LTO0.1HO W182LTW0.1HA W182LTO0.1HO
W183LTW0.1HA W183LTO0.1HO W184LTW0.1HA W184LTO0.1HO W185LTW0.1HA W185LTO0.1HO

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Wind Direction in Ta-Tung Seas of LTW0 at 2018

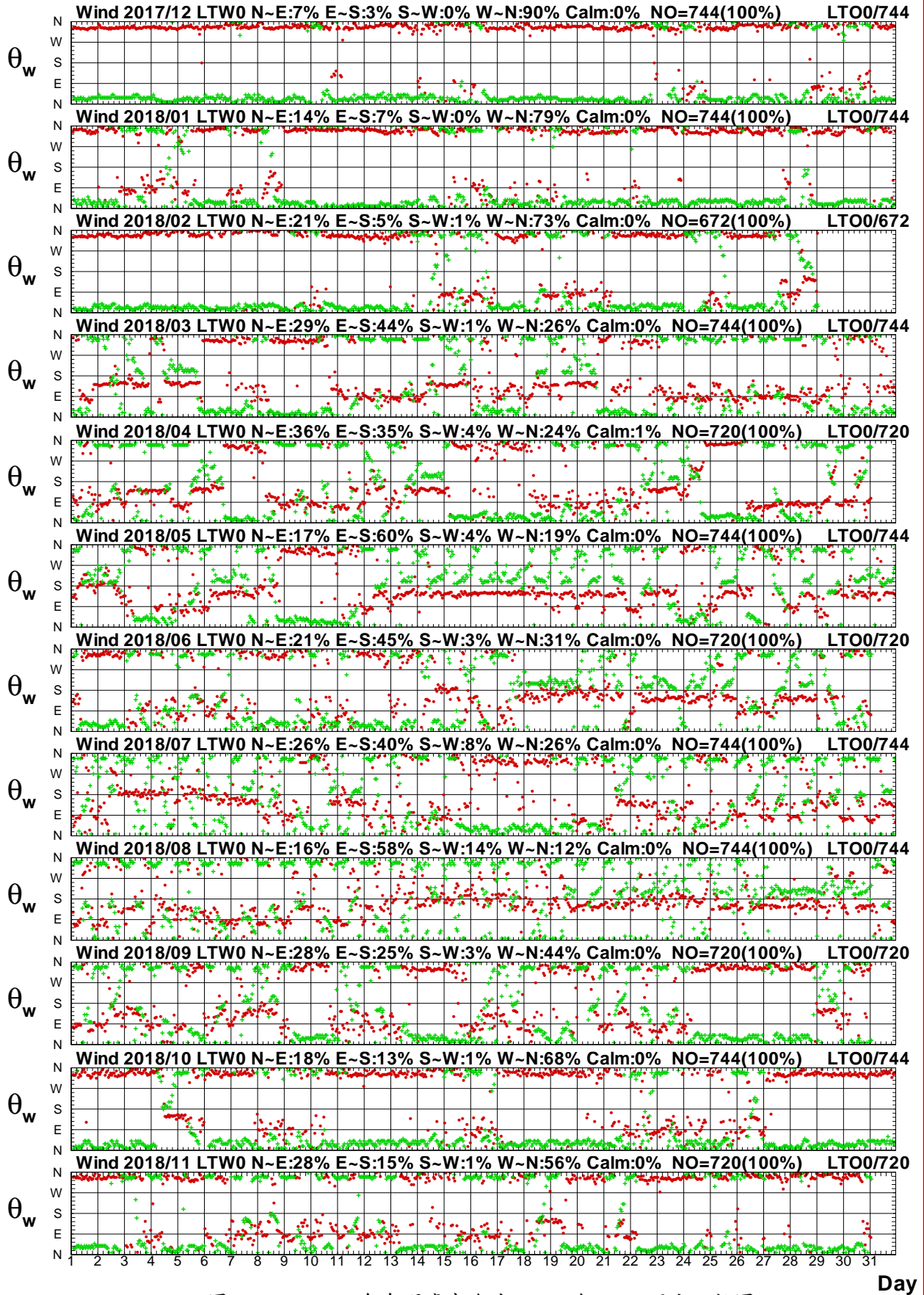


圖1.4.8b 2018年每月臺東海域 W 站與 O 站風向比較圖

W17CLTW0.1HA W17CLTO0.1HO W181LTW0.1HA W181LTO0.1HO W182LTW0.1HA W182LTO0.1HO
 W183LTW0.1HA W183LTO0.1HO W184LTW0.1HA W184LTO0.1HO W185LTW0.1HA W185LTO0.1HO

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Wind Speed in Ta-Tung Seas of LTW0 at 2018

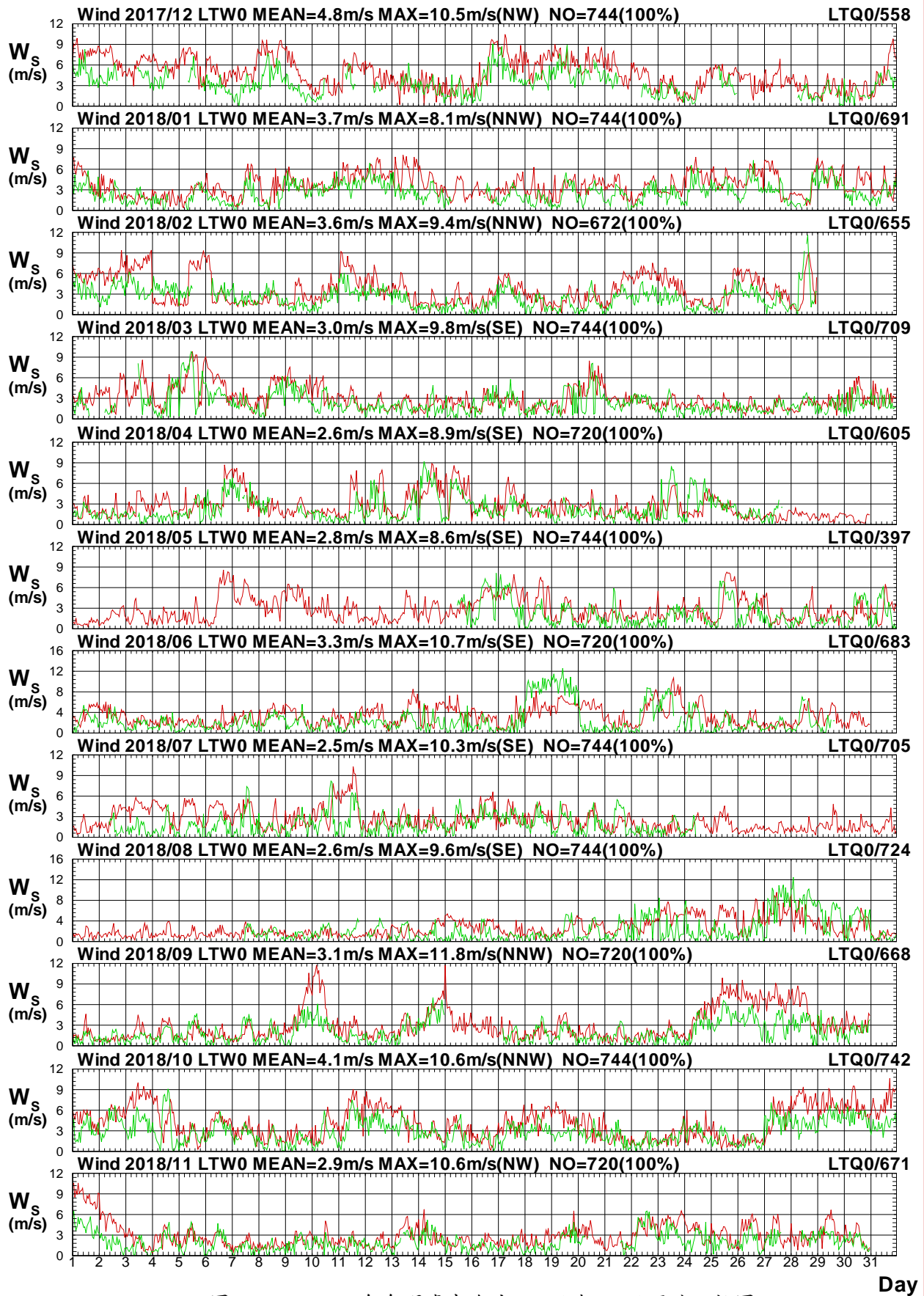


圖1.4.9a 2018年每月臺東海域 W 站與 Q 站風速比較圖

W17CLTW0.1HA W17CLTQ0.1HO W181LTW0.1HA W181LTQ0.1HO W182LTW0.1HA W182LTQ0.1HO
W183LTW0.1HA W183LTQ0.1HO W184LTW0.1HA W184LTQ0.1HO W185LTW0.1HA W185LTQ0.1HO

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Wind Direction in Ta-Tung Seas of LTW0 at 2018

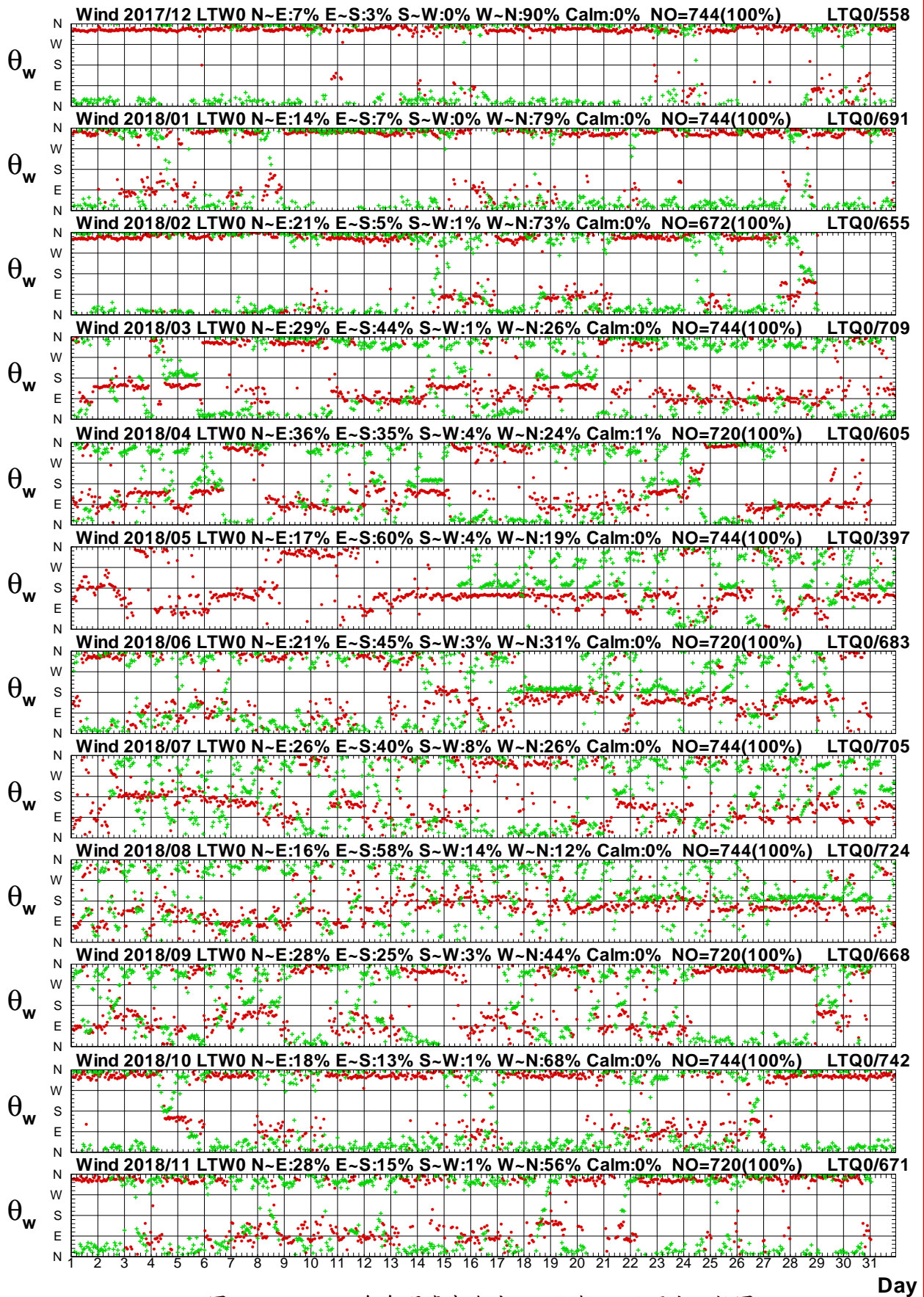


圖1.4.9b 2018年每月臺東海域 W 站與 Q 站風向比較圖

W17CLTW0.1HA W17CLTQ0.1HO W181LTW0.1HA W181LTQ0.1HO W182LTW0.1HA W182LTQ0.1HO
W183LTW0.1HA W183LTQ0.1HO W184LTW0.1HA W184LTQ0.1HO W185LTW0.1HA W185LTQ0.1HO

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Wind Speed in Ta-Tung Seas of LTW0 at 2018

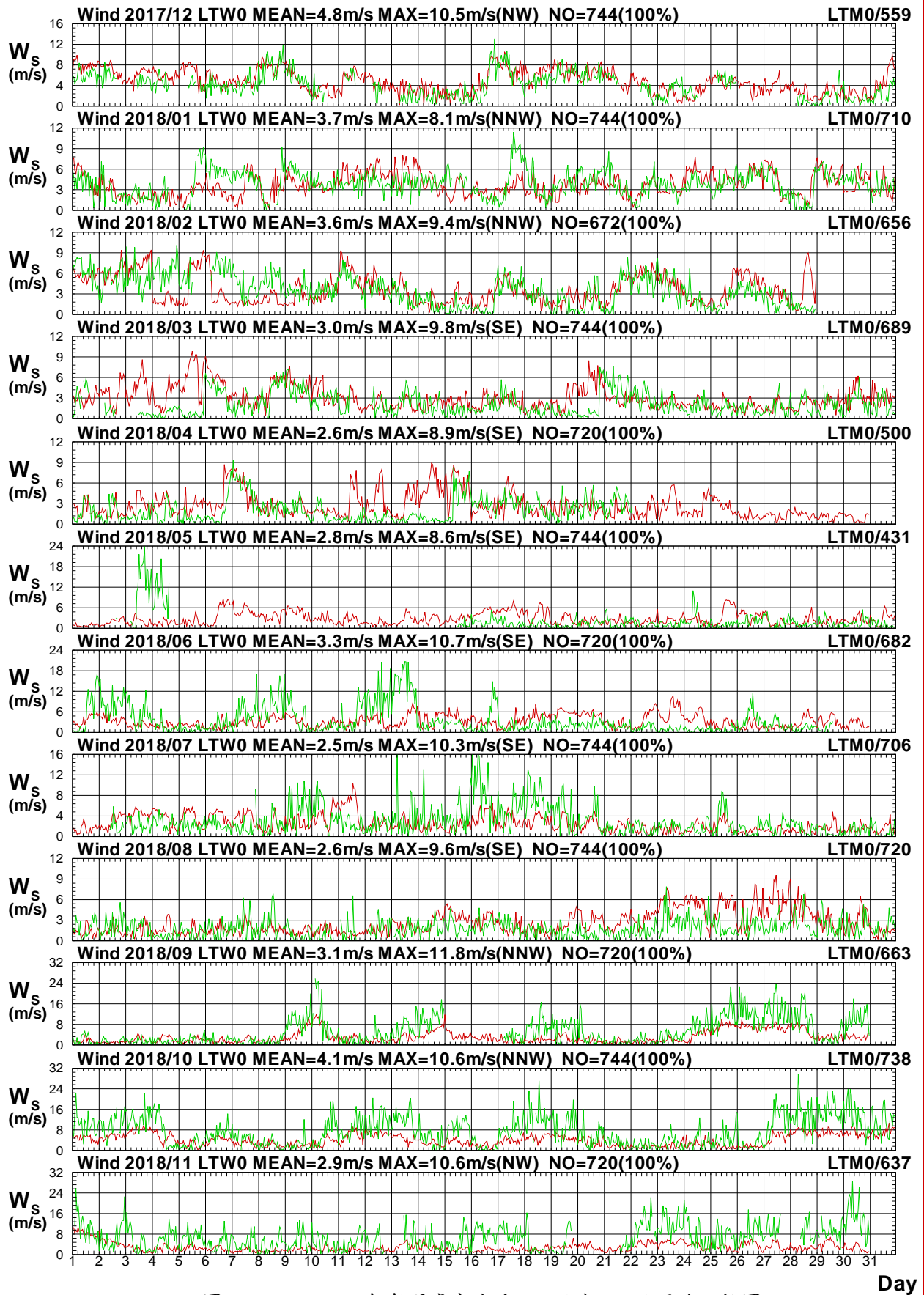


圖1.4.10a 2018年每月臺東海域 W 站與 M 站風速比較圖

W17CLTW0.1HA W17CLTM0.1HO W181LTW0.1HA W181LTM0.1HO W182LTW0.1HA W182LTM0.1HO
W183LTW0.1HA W183LTM0.1HO W184LTW0.1HA W184LTM0.1HO W185LTW0.1HA W185LTM0.1HO

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Wind Direction in Ta-Tung Seas of LTW0 at 2018

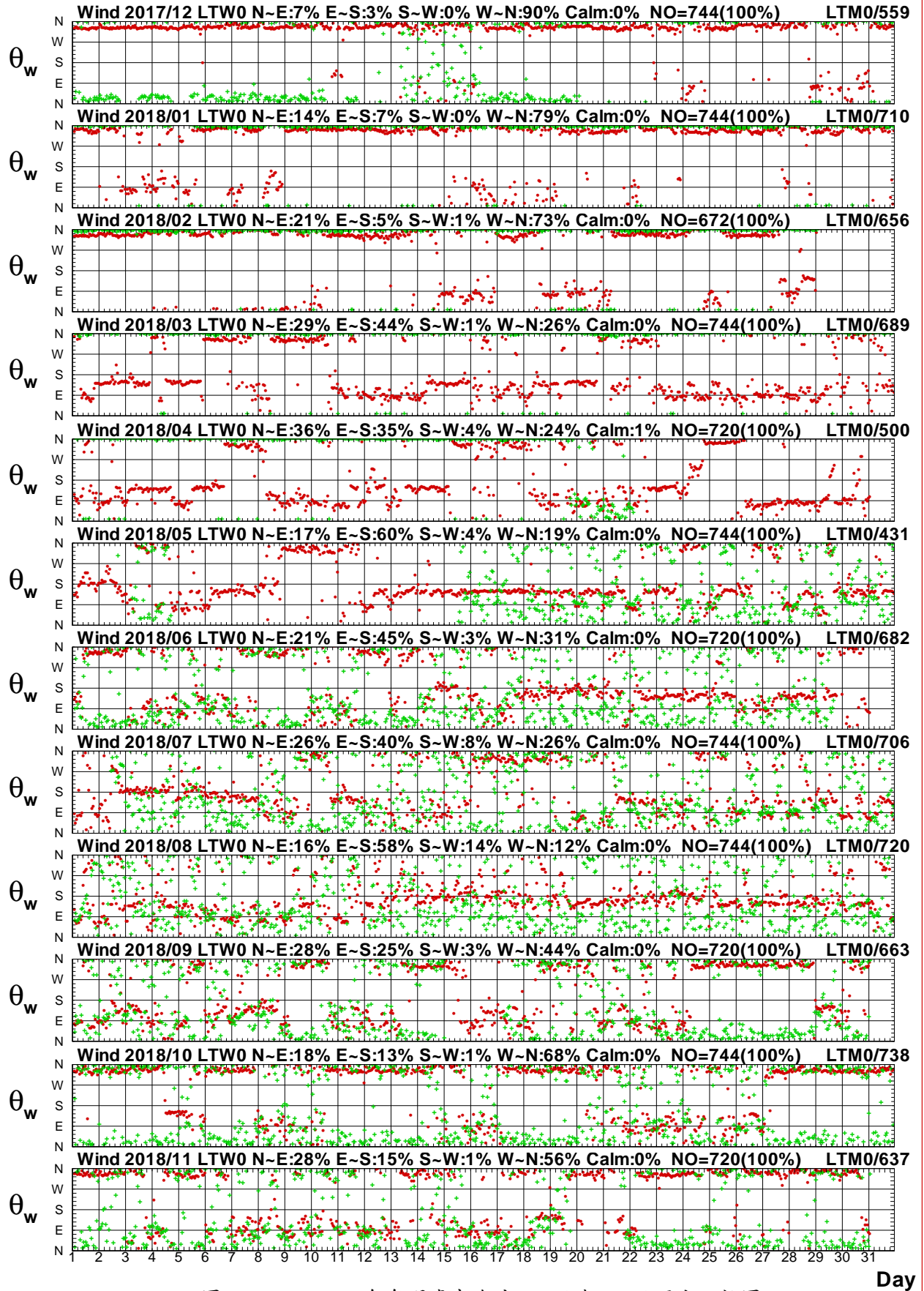


圖1.4.10b 2018年每月臺東海域 W 站與 M 站風向比較圖

W17CLTW0.1HA W17CLTM0.1HO W181LTW0.1HA W181LTM0.1HO W182LTW0.1HA W182LTM0.1HO
 W183LTW0.1HA W183LTM0.1HO W184LTW0.1HA W184LTM0.1HO W185LTW0.1HA W185LTM0.1HO

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Wind Speed in Ta-Tung Seas of LTW0 at 2018

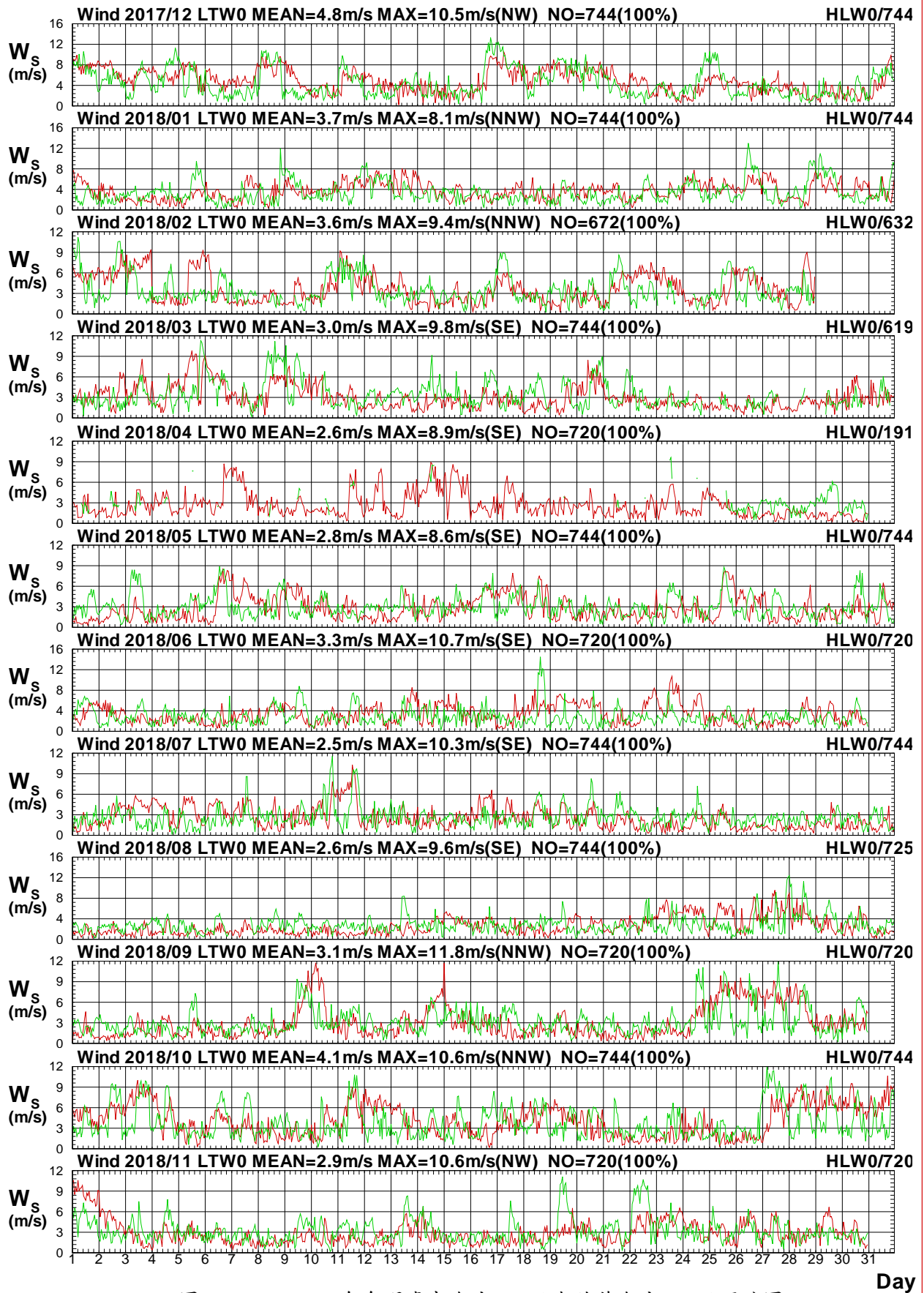


圖1.4.11a 2018年每月臺東海域 W 站與花蓮海域 W 站風速圖

W17CLTW0.1HA W17CHLW0.1H0 W181LTW0.1HA W181HLW0.1H0 W182LTW0.1HA W182HLW0.1H0
 W183LTW0.1HA W183HLW0.1H0 W184LTW0.1HA W184HLW0.1H0 W185LTW0.1HA W185HLW0.1H0

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Wind Direction in Ta-Tung Seas of LTW0 at 2018

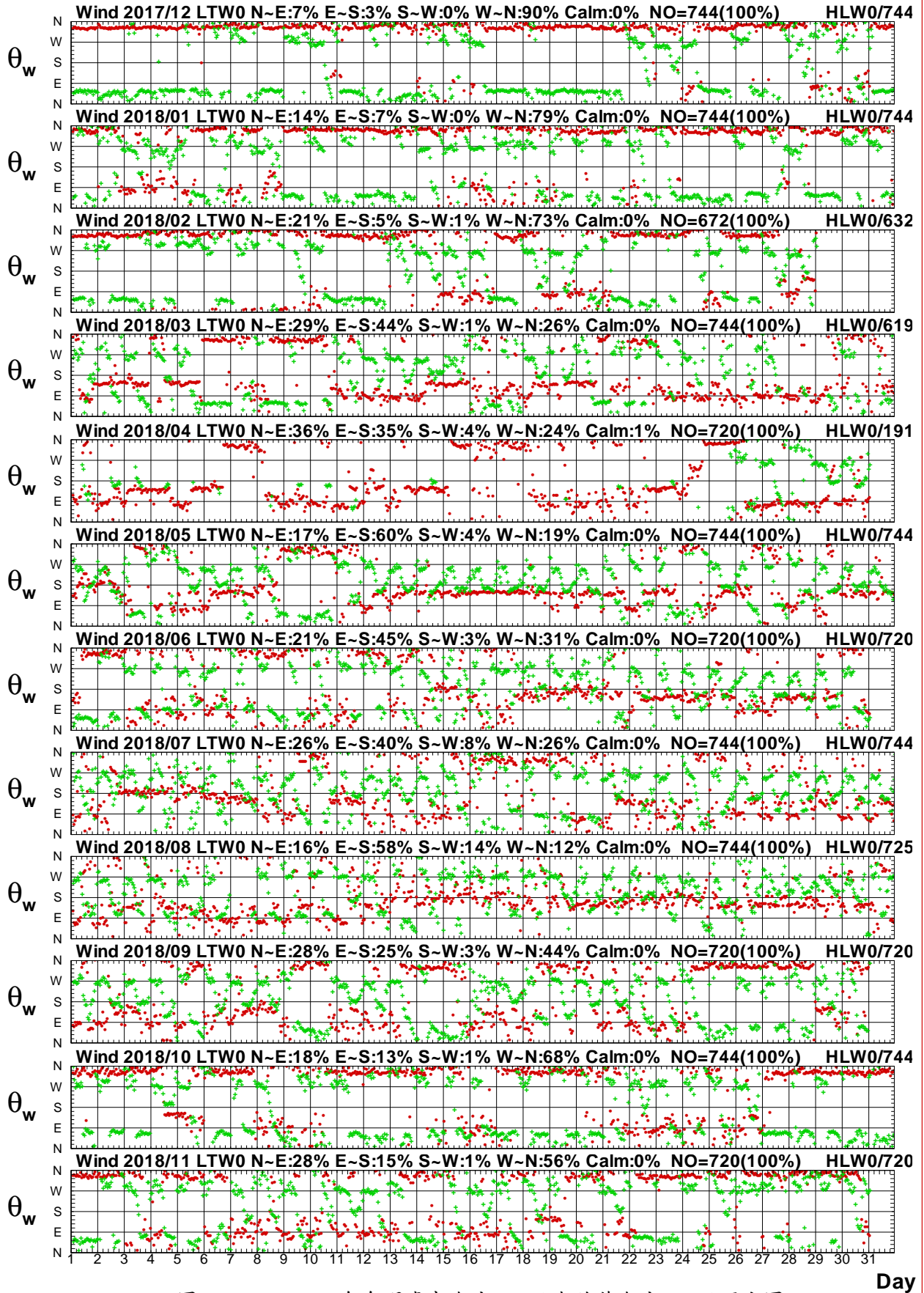


圖1.4.11b 2018年每月臺東海域 W 站與花蓮海域 W 站風向圖

W17CLTW0.1HA W17CHLW0.1H0 W181LTW0.1HA W181HLW0.1H0 W182LTW0.1HA W182HLW0.1H0
 W183LTW0.1HA W183HLW0.1H0 W184LTW0.1HA W184HLW0.1H0 W185LTW0.1HA W185HLW0.1H0

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Wind Speed in Ta-Tung Seas of LTW0 at 2018

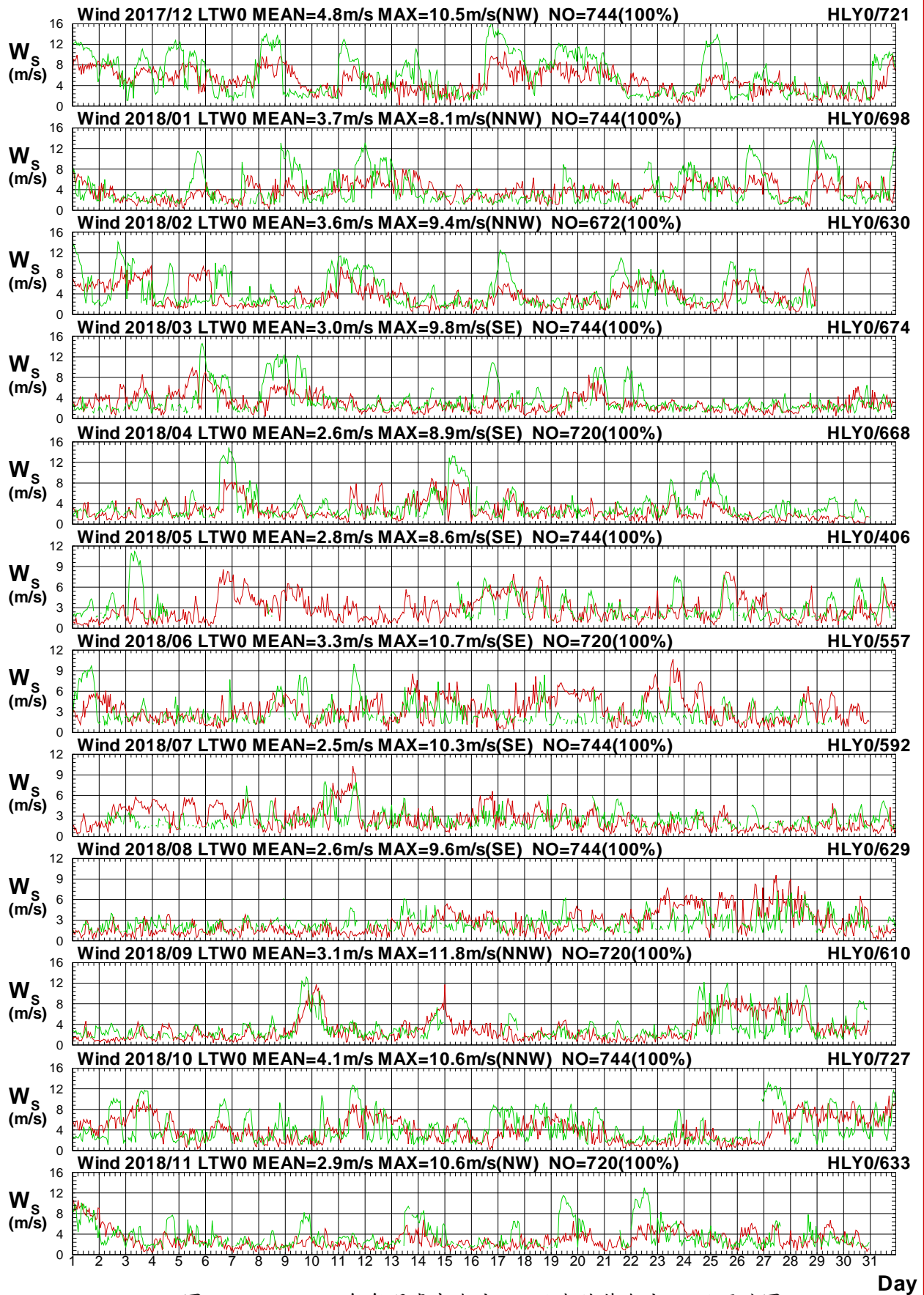


圖 1.4.12a 2018年每月臺東海域 W 站與花蓮海域 Y 站風速圖

W17CLTW0.1HA W17CHLY0.1HO W181LTW0.1HA W181HLY0.1HO W182LTW0.1HA W182HLY0.1HO
 W183LTW0.1HA W183HLY0.1HO W184LTW0.1HA W184HLY0.1HO W185LTW0.1HA W185HLY0.1HO

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Wind Direction in Ta-Tung Seas of LTW0 at 2018

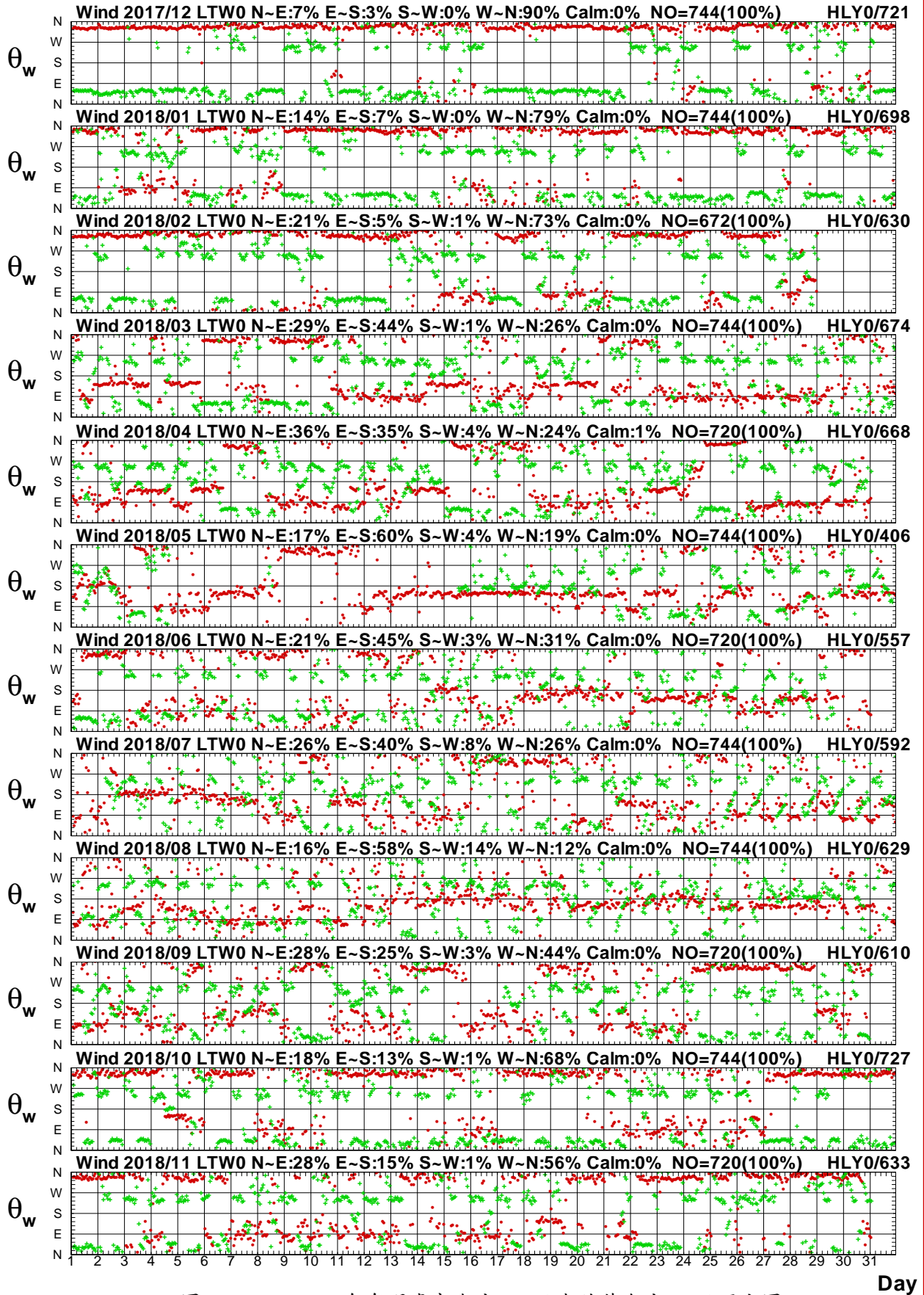


圖 1.4.12b 2018年每月臺東海域 W 站與花蓮海域 Y 站風向圖

W17CLTW0.1HA W17CHLY0.1HO W181LTW0.1HA W181HLY0.1HO W182LTW0.1HA W182HLY0.1HO
W183LTW0.1HA W183HLY0.1HO W184LTW0.1HA W184HLY0.1HO W185LTW0.1HA W185HLY0.1HO

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Wind Speed in Ta-Tung Seas of LTW0 at 2018

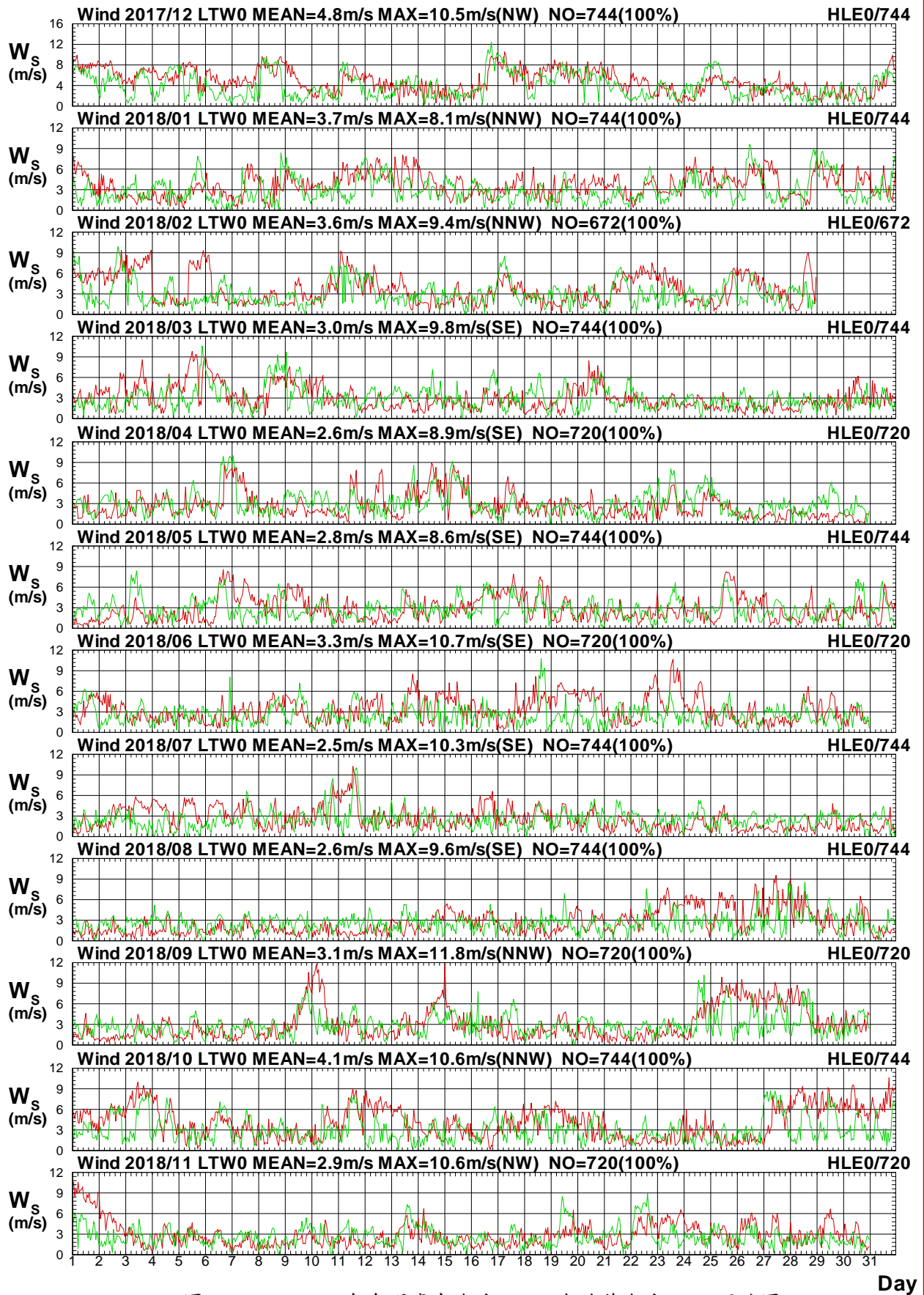


圖1.4.13a 2018年每月臺東海域 W 站與花蓮海域 E 站風速圖

W17CLTW0.1HA W17CHLE0.1HO W181LTW0.1HA W181HLE0.1HO W182LTW0.1HA W182HLE0.1HO
 W183LTW0.1HA W183HLE0.1HO W184LTW0.1HA W184HLE0.1HO W185LTW0.1HA W185HLE0.1HO

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Wind Direction in Ta-Tung Seas of LTW0 at 2018

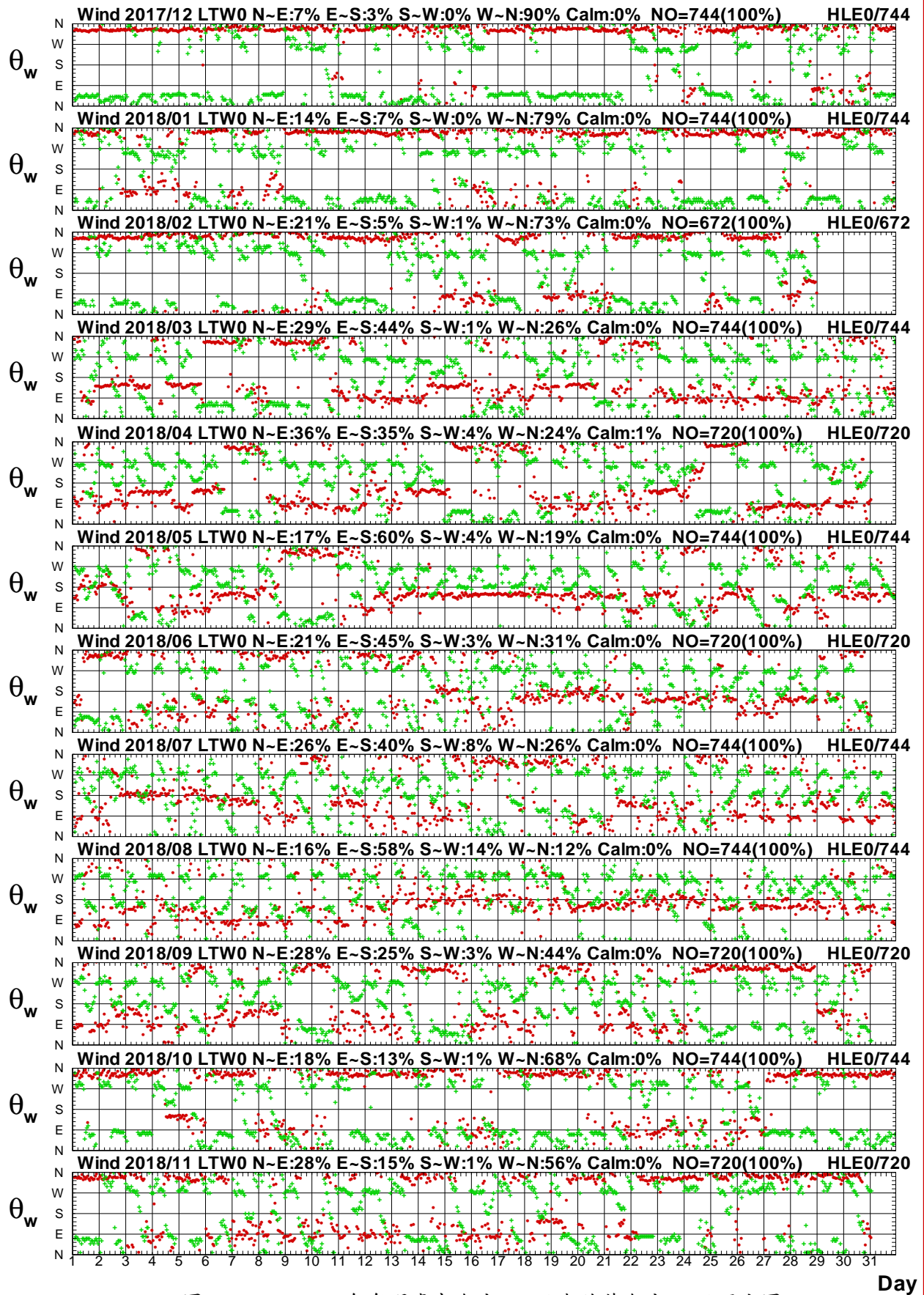


圖 1.4.13b 2018年每月臺東海域 W 站與花蓮海域 E 站風向圖

W17CLTW0.1HA W17CHLE0.1HO W181LTW0.1HA W181HLE0.1HO W182LTW0.1HA W182HLE0.1HO
W183LTW0.1HA W183HLE0.1HO W184LTW0.1HA W184HLE0.1HO W185LTW0.1HA W185HLE0.1HO

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Wind Speed in Ta-Tung Seas of LTW0 at 2018

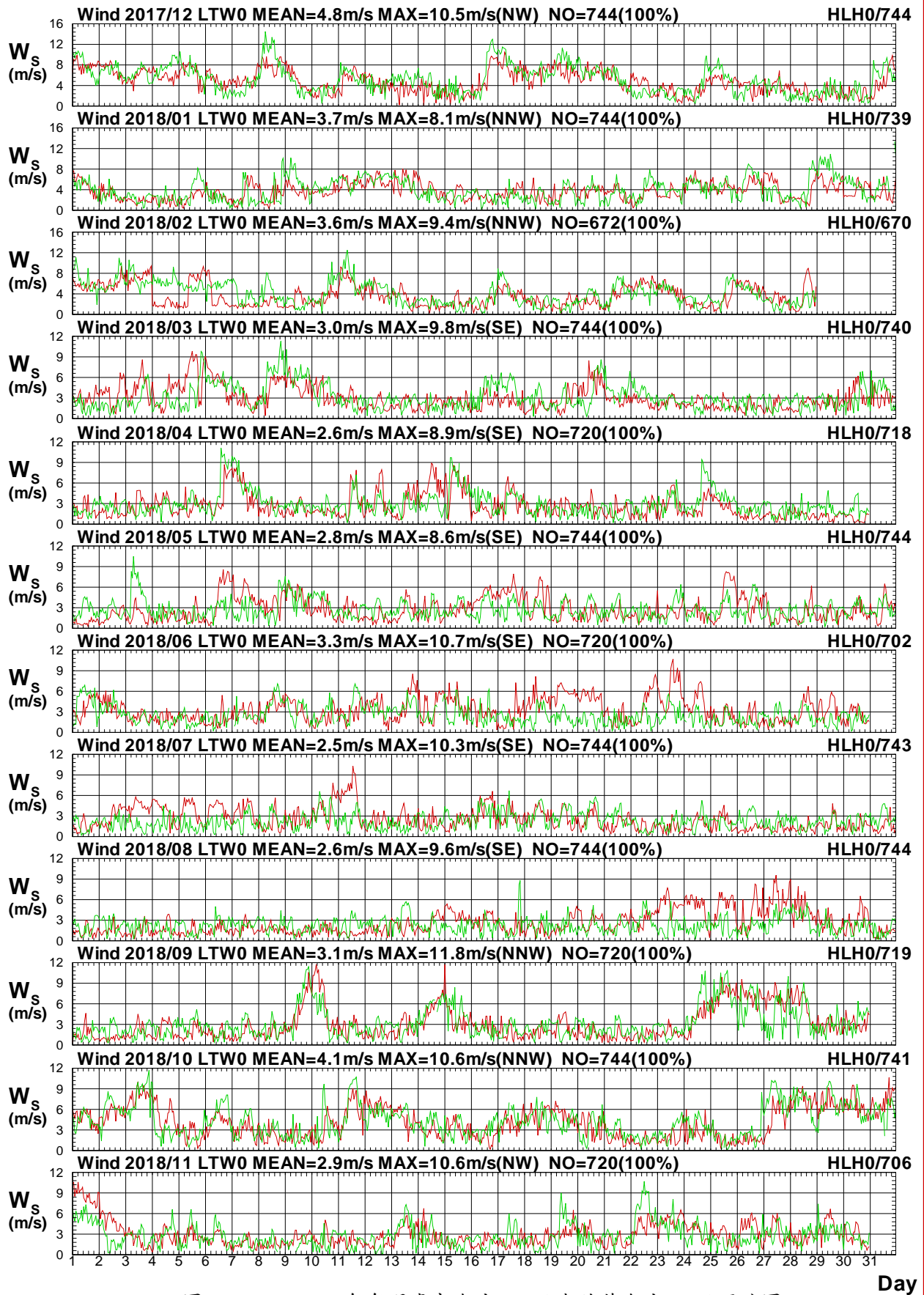


圖 1.4.14a 2018年每月臺東海域 W 站與花蓮海域 H 站風速圖

W17CLTW0.1HA W17CHLH0.1H0 W181LTW0.1HA W181HLH0.1H0 W182LTW0.1HA W182HLH0.1H0
 W183LTW0.1HA W183HLH0.1H0 W184LTW0.1HA W184HLH0.1H0 W185LTW0.1HA W185HLH0.1H0

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Wind Direction in Ta-Tung Seas of LTW0 at 2018

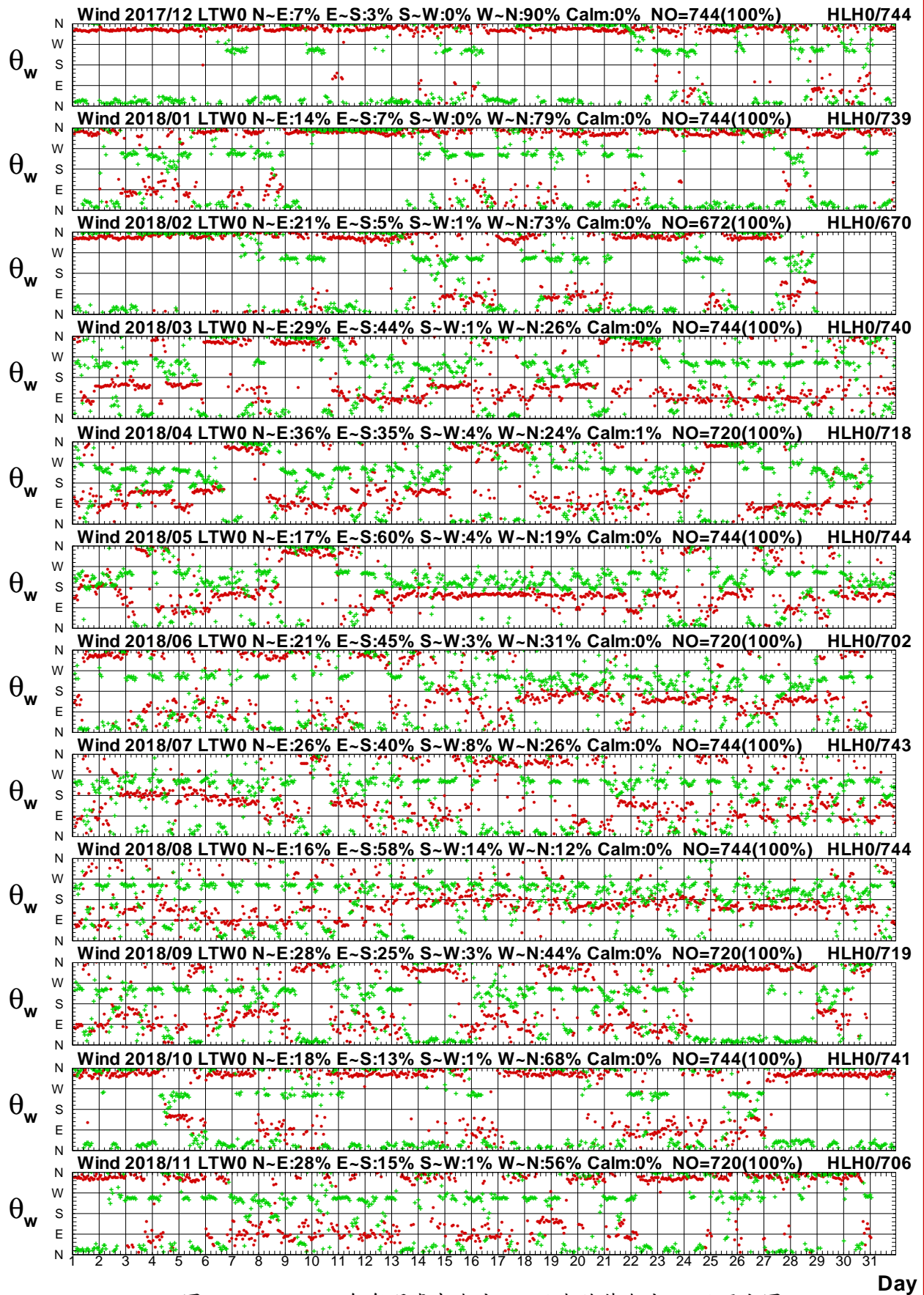


圖 1.4.14b 2018年每月臺東海域 W 站與花蓮海域 H 站風向圖

W17CLTW0.1HA W17CHLH0.1HO W181LTW0.1HA W181HLH0.1HO W182LTW0.1HA W182HLH0.1HO
 W183LTW0.1HA W183HLH0.1HO W184LTW0.1HA W184HLH0.1HO W185LTW0.1HA W185HLH0.1HO

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Wind Speed in Ta-Tung Seas of LTW0 at 2018

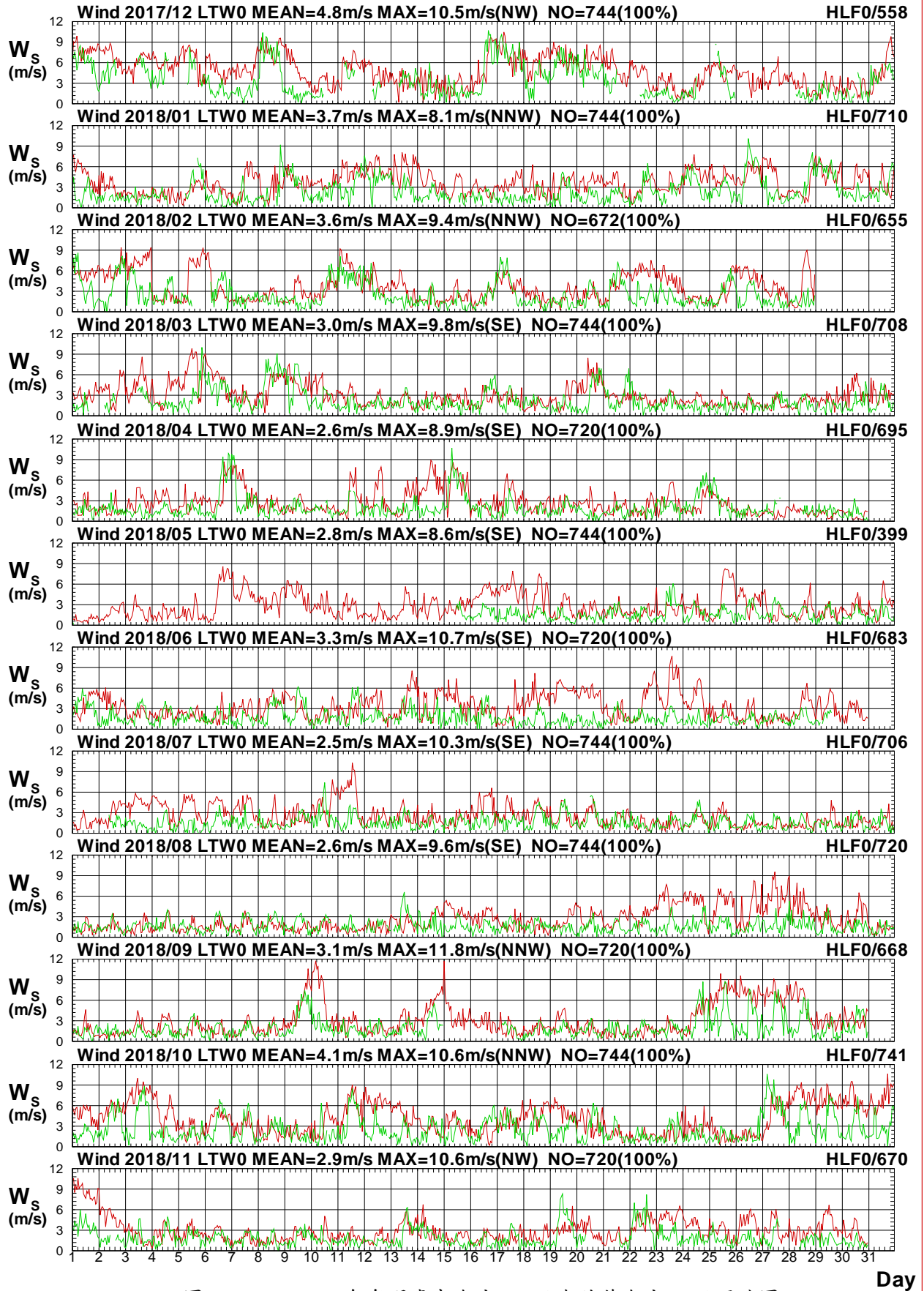


圖1.4.15a 2018年每月臺東海域 W 站與花蓮海域 F 站風速圖

W17CLTW0.1HA W17CHLF0.1HO W181LTW0.1HA W181HLF0.1HO W182LTW0.1HA W182HLF0.1HO
 W183LTW0.1HA W183HLF0.1HO W184LTW0.1HA W184HLF0.1HO W185LTW0.1HA W185HLF0.1HO

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Wind Direction in Ta-Tung Seas of LTW0 at 2018

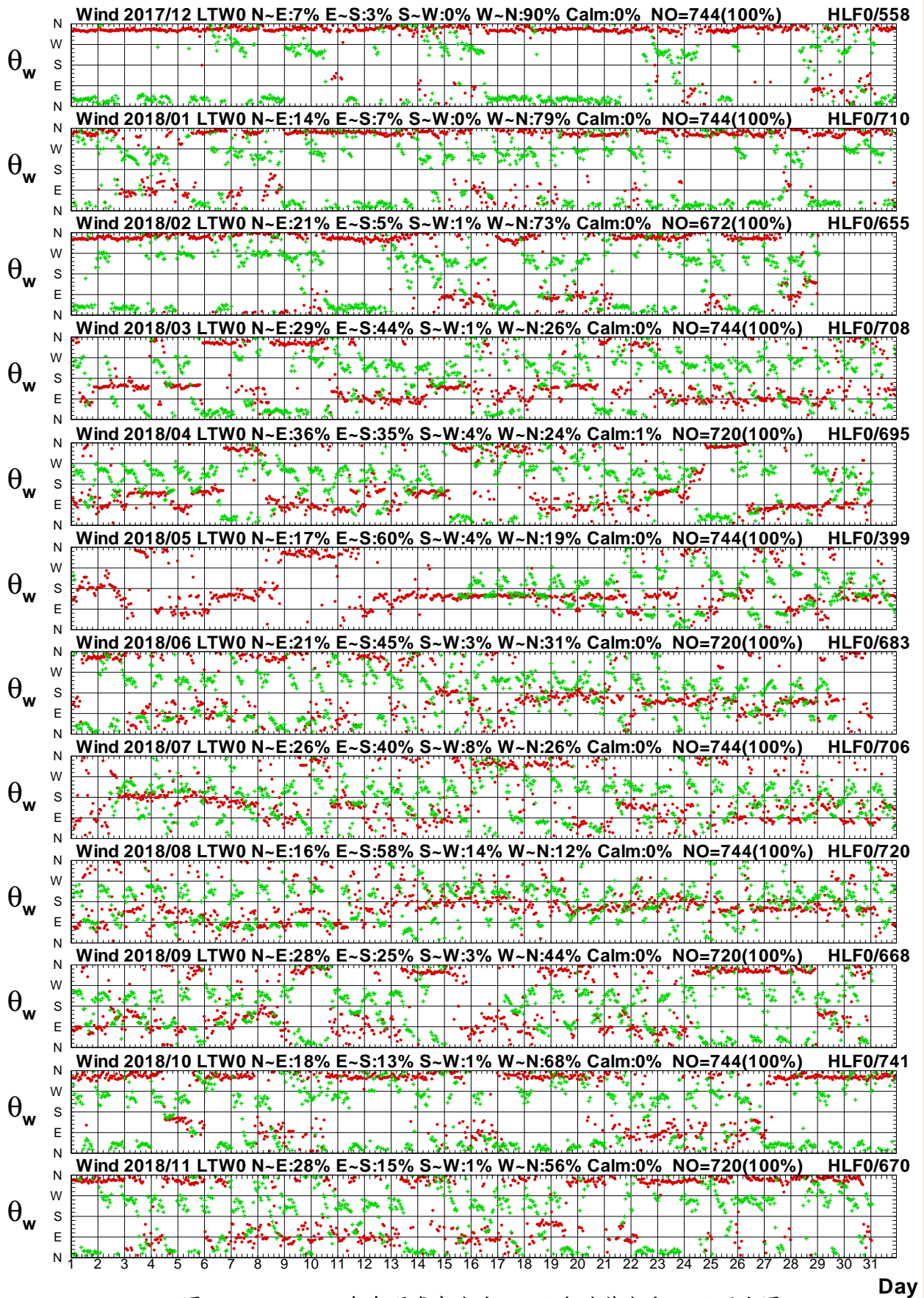


圖 1.4.15b 2018年每月臺東海域 W 站與花蓮海域 F 站風向圖

W17CLTW0.1HA W17CHLF0.1HO W181LTW0.1HA W181HLF0.1HO W182LTW0.1HA W182HLF0.1HO
W183LTW0.1HA W183HLF0.1HO W184LTW0.1HA W184HLF0.1HO W185LTW0.1HA W185HLF0.1HO

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Wind Speed in Ta-Tung Seas of LTW0 at 2018

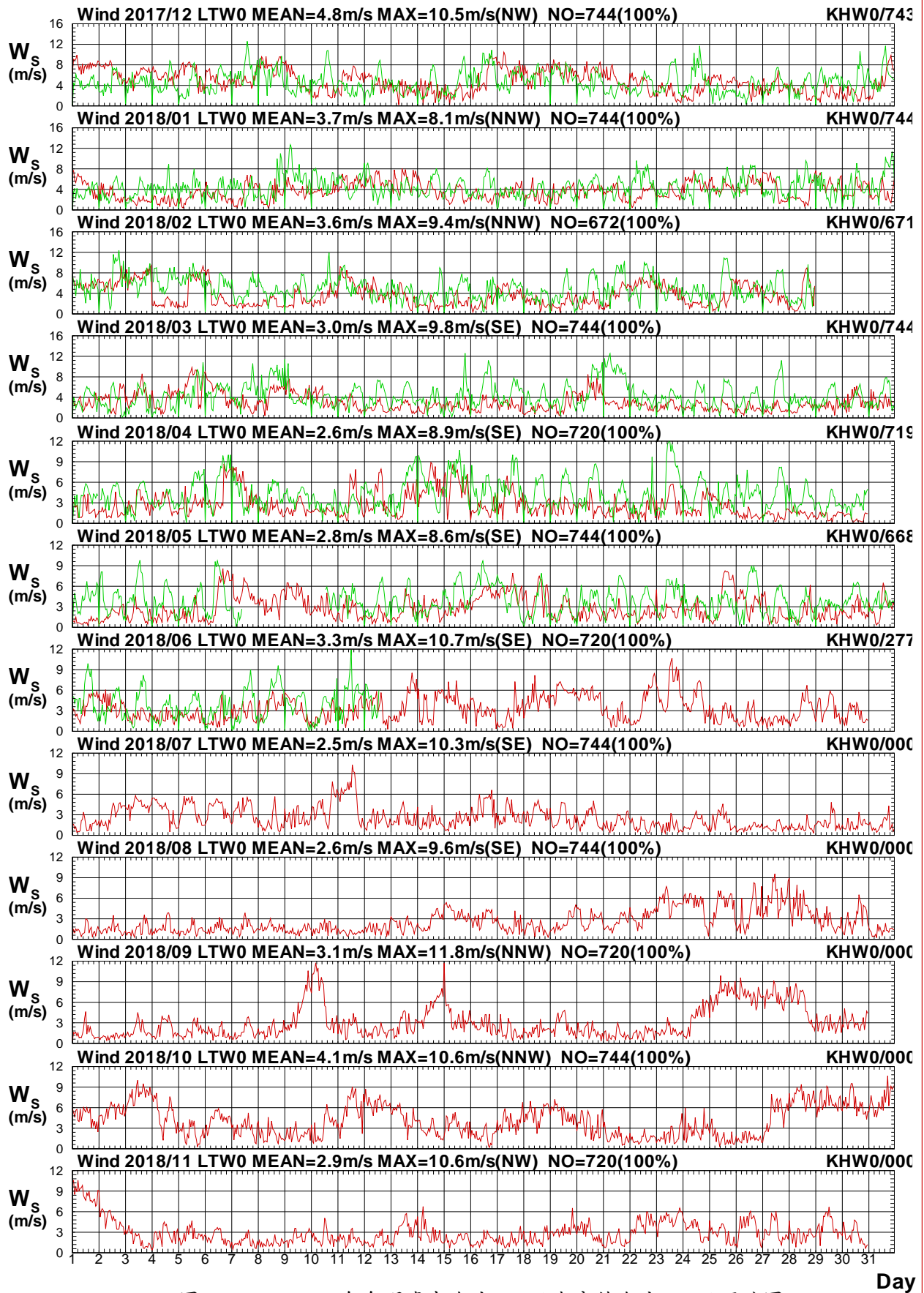


圖1.4.16a 2018年每月臺東海域 W 站與高雄海域 W 站風速圖

W17CLTW0.1HA W17CKHW0.1H0 W181LTW0.1HA W181KHW0.1H0 W182LTW0.1HA W182KHW0.1H0
 W183LTW0.1HA W183KHW0.1H0 W184LTW0.1HA W184KHW0.1H0 W185LTW0.1HA W185KHW0.1H0

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Wind Direction in Ta-Tung Seas of LTW0 at 2018

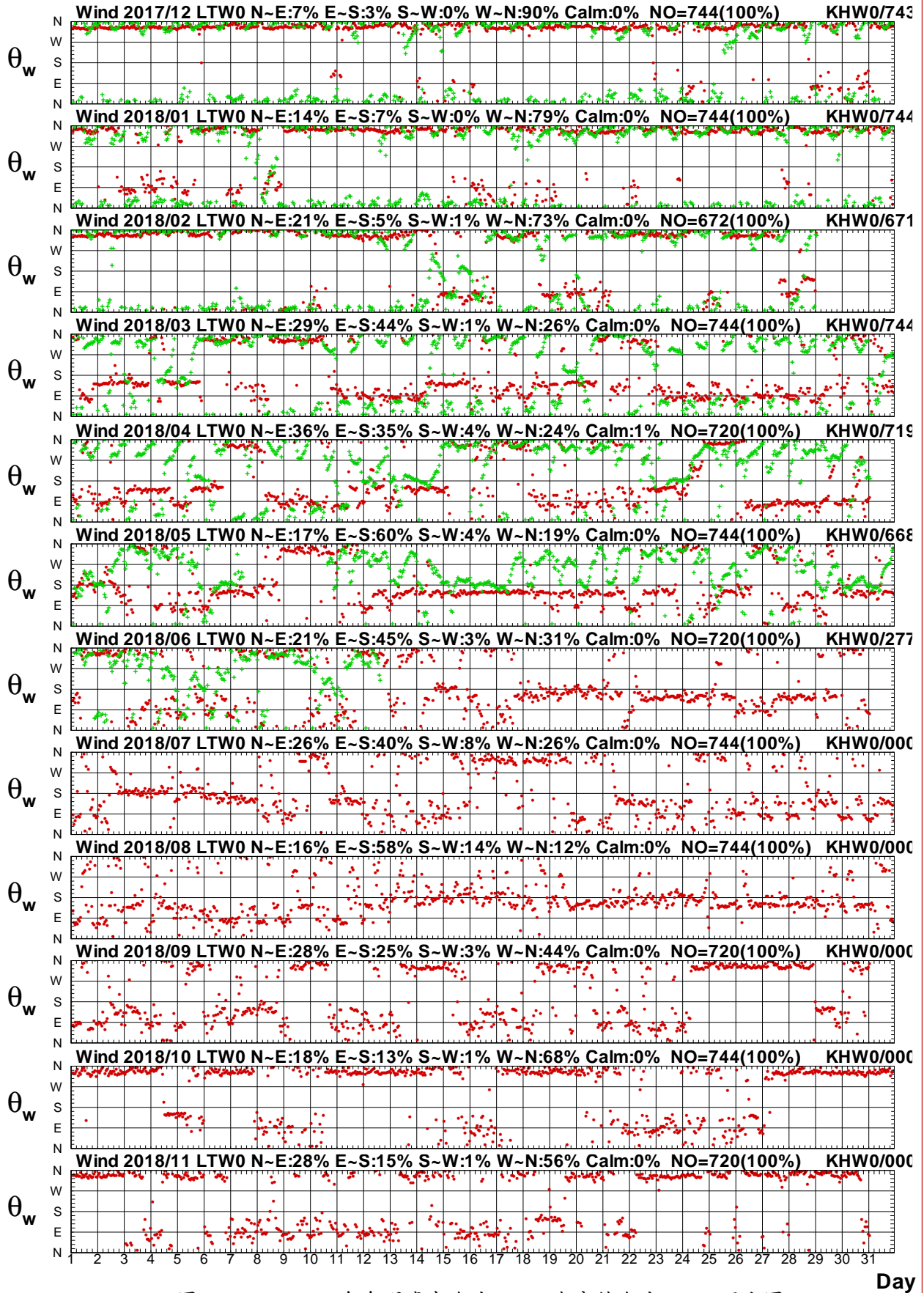


圖1.4.16b 2018年每月臺東海域 W 站與高雄海域 W 站風向圖

W17CLTW0.1HA W17CKHW0.1H0 W181LTW0.1HA W181KHW0.1H0 W182LTW0.1HA W182KHW0.1H0
 W183LTW0.1HA W183KHW0.1H0 W184LTW0.1HA W184KHW0.1H0 W185LTW0.1HA W185KHW0.1H0

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Wind Speed in Ta-Tung Seas of LTW0 at 2018

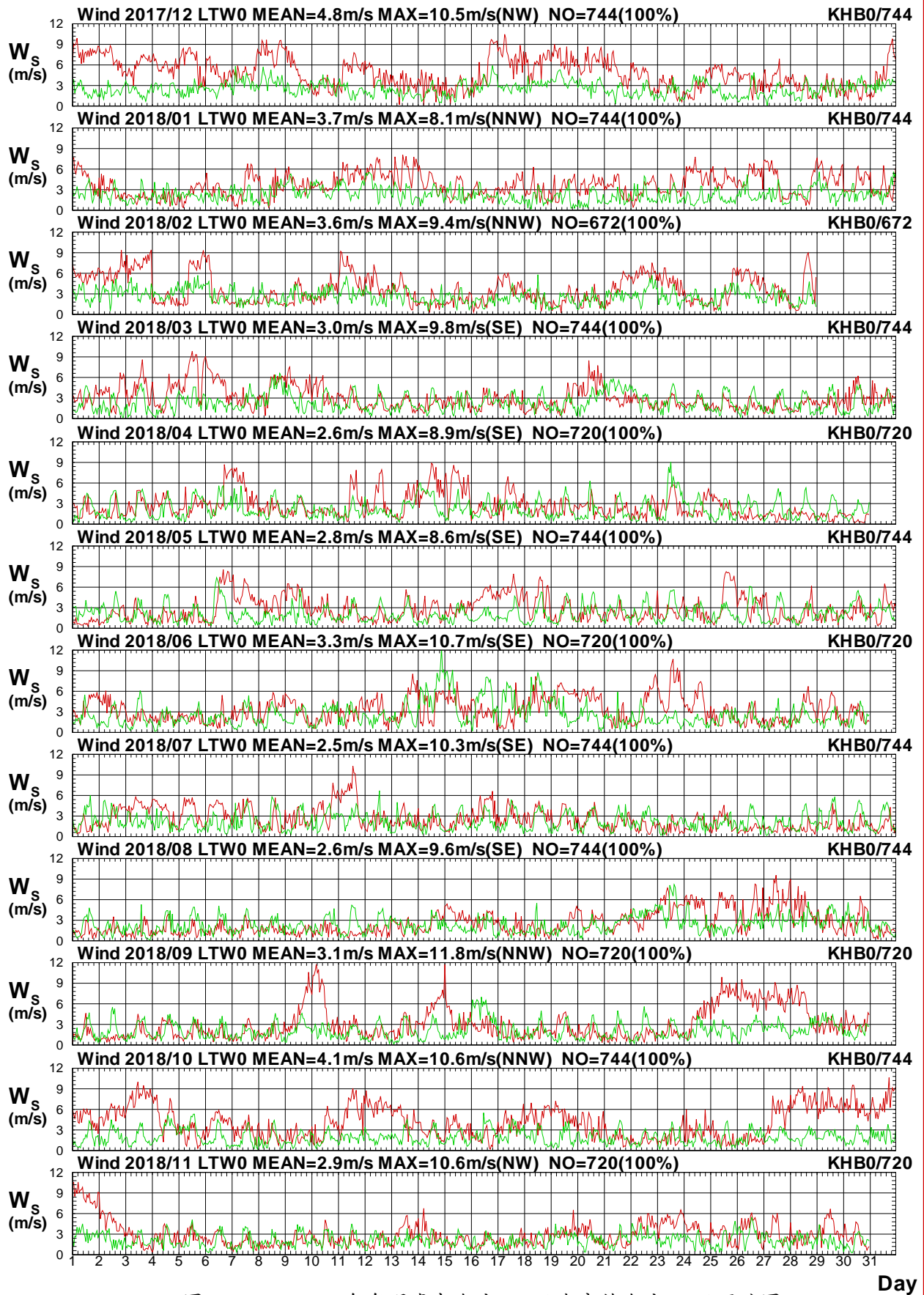


圖1.4.17a 2018年每月臺東海域 W 站與高雄海域 B 站風速圖

W17CLTW0.1HA W17CKHB0.1HO W181LTW0.1HA W181KHB0.1HO W182LTW0.1HA W182KHB0.1HO
 W183LTW0.1HA W183KHB0.1HO W184LTW0.1HA W184KHB0.1HO W185LTW0.1HA W185KHB0.1HO

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Wind Direction in Ta-Tung Seas of LTW0 at 2018

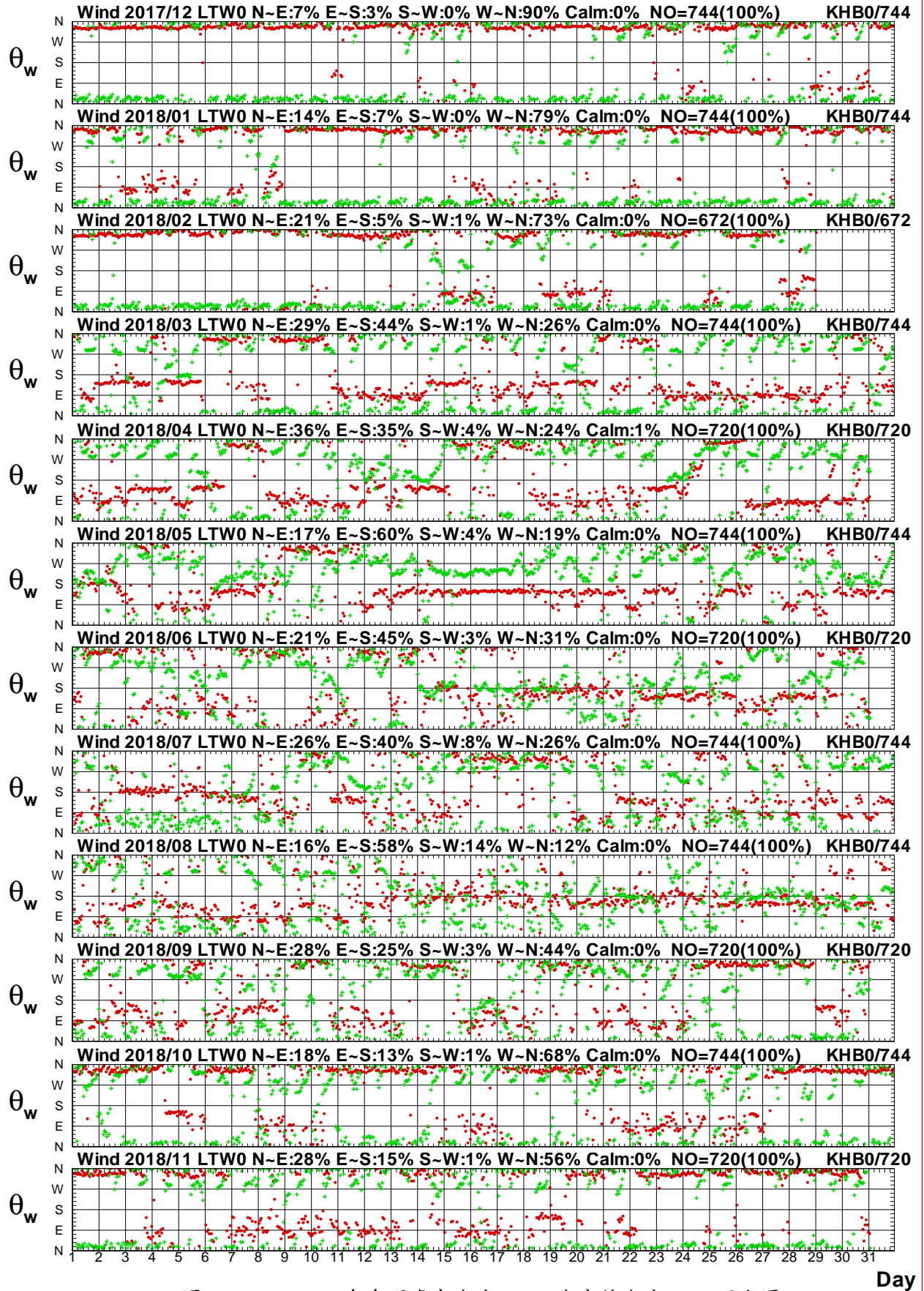


圖 1.4.17b 2018年每月臺東海域 W 站與高雄海域 B 站風向圖

W17CLTW0.1HA W17CKHB0.1HO W181LTW0.1HA W181KHB0.1HO W182LTW0.1HA W182KHB0.1HO
 W183LTW0.1HA W183KHB0.1HO W184LTW0.1HA W184KHB0.1HO W185LTW0.1HA W185KHB0.1HO

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Wind Speed in Ta-Tung Seas of LTW0 at 2018

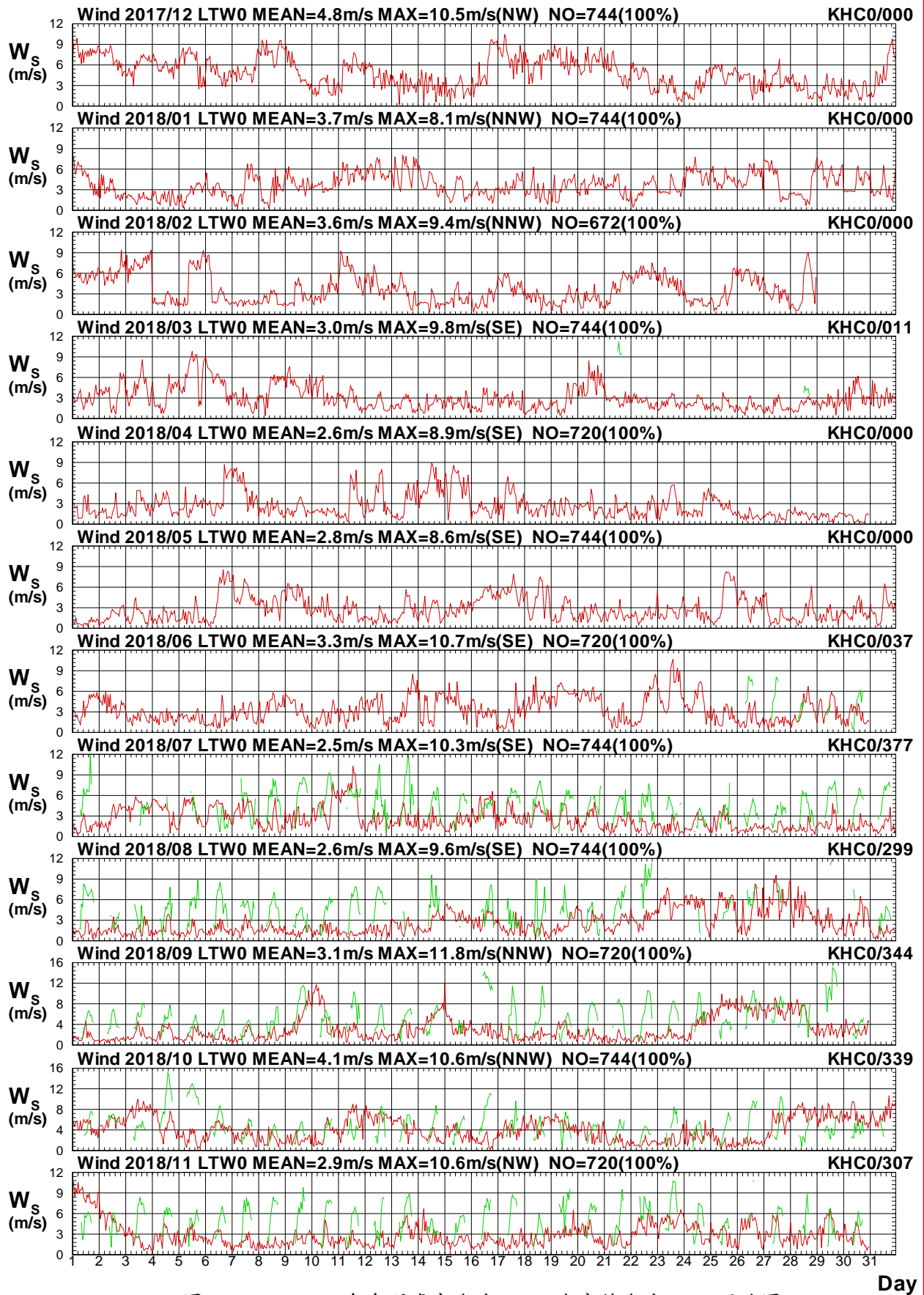


圖 1.4.18a 2018年每月臺東海域 W 站與高雄海域 C 站風速圖

W17CLTW0.1HA W17CKHC0.1HO W181LTW0.1HA W181KHC0.1HO W182LTW0.1HA W182KHC0.1HO
 W183LTW0.1HA W183KHC0.1HO W184LTW0.1HA W184KHC0.1HO W185LTW0.1HA W185KHC0.1HO

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Wind Direction in Ta-Tung Seas of LTW0 at 2018

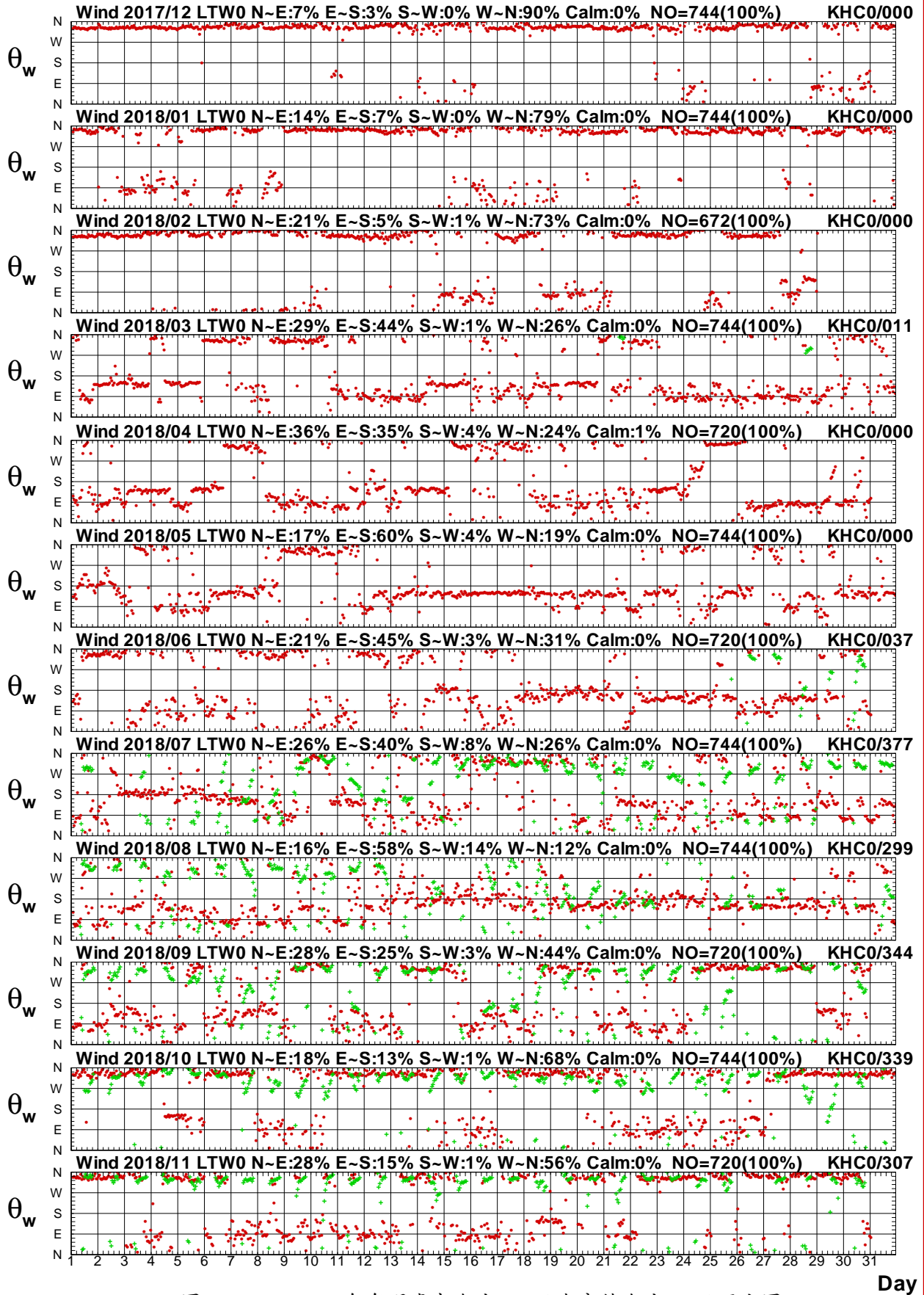


圖 1.4.18b 2018年每月臺東海域 W 站與高雄海域 C 站風向圖

W17CLTW0.1HA W17CKHC0.1H0 W181LTW0.1HA W181KHC0.1H0 W182LTW0.1HA W182KHC0.1H0
 W183LTW0.1HA W183KHC0.1H0 W184LTW0.1HA W184KHC0.1H0 W185LTW0.1HA W185KHC0.1H0

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Wind Speed in Ta-Tung Seas of LTW0 at 2018

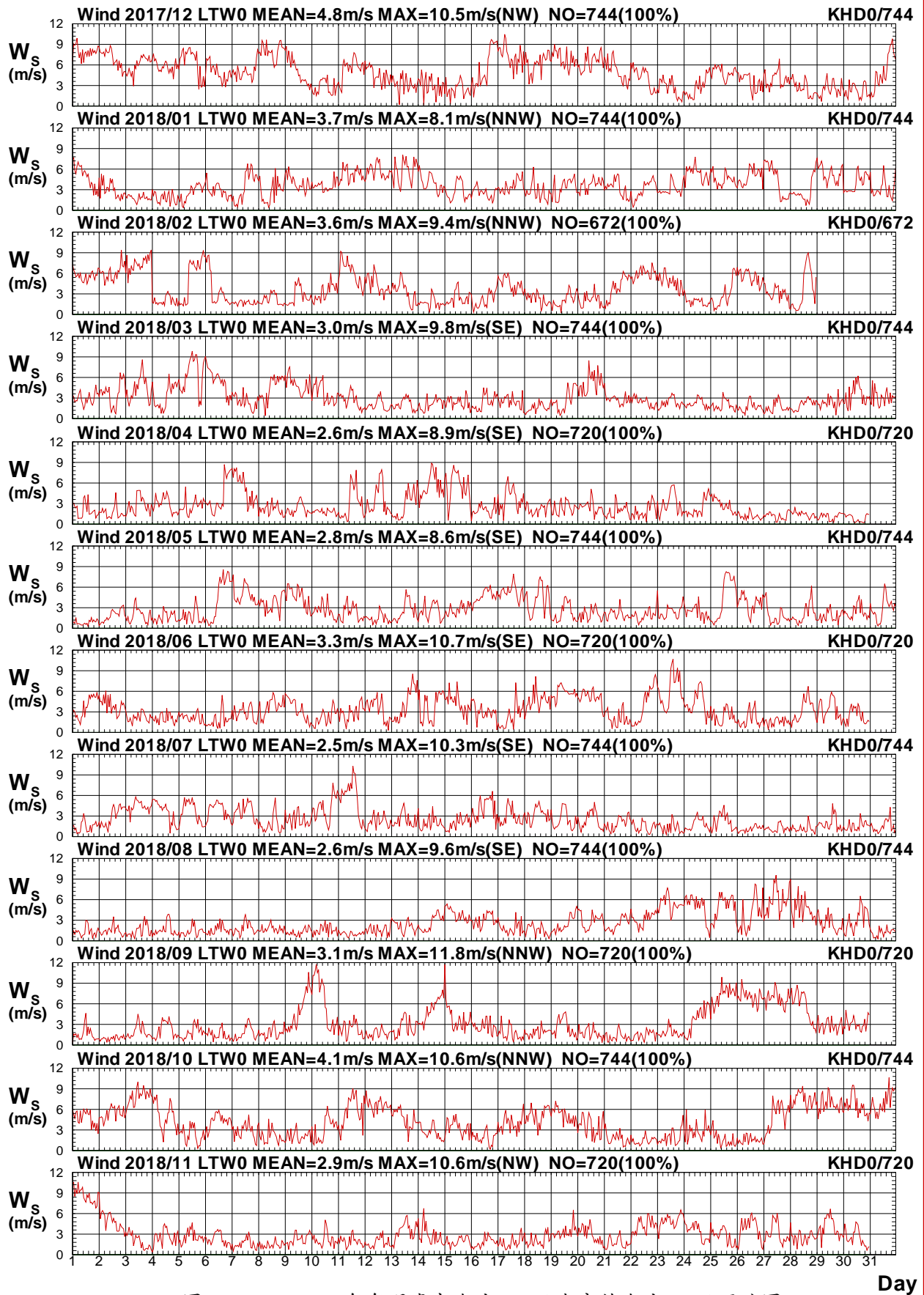


圖 1.4.19a 2018年每月臺東海域 W 站與高雄海域 D 站風速圖

W17CLTW0.1HA W17CKHD0.1HO W181LTW0.1HA W181KHD0.1HO W182LTW0.1HA W182KHD0.1HO
 W183LTW0.1HA W183KHD0.1HO W184LTW0.1HA W184KHD0.1HO W185LTW0.1HA W185KHD0.1HO

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Wind Direction in Ta-Tung Seas of LTW0 at 2018

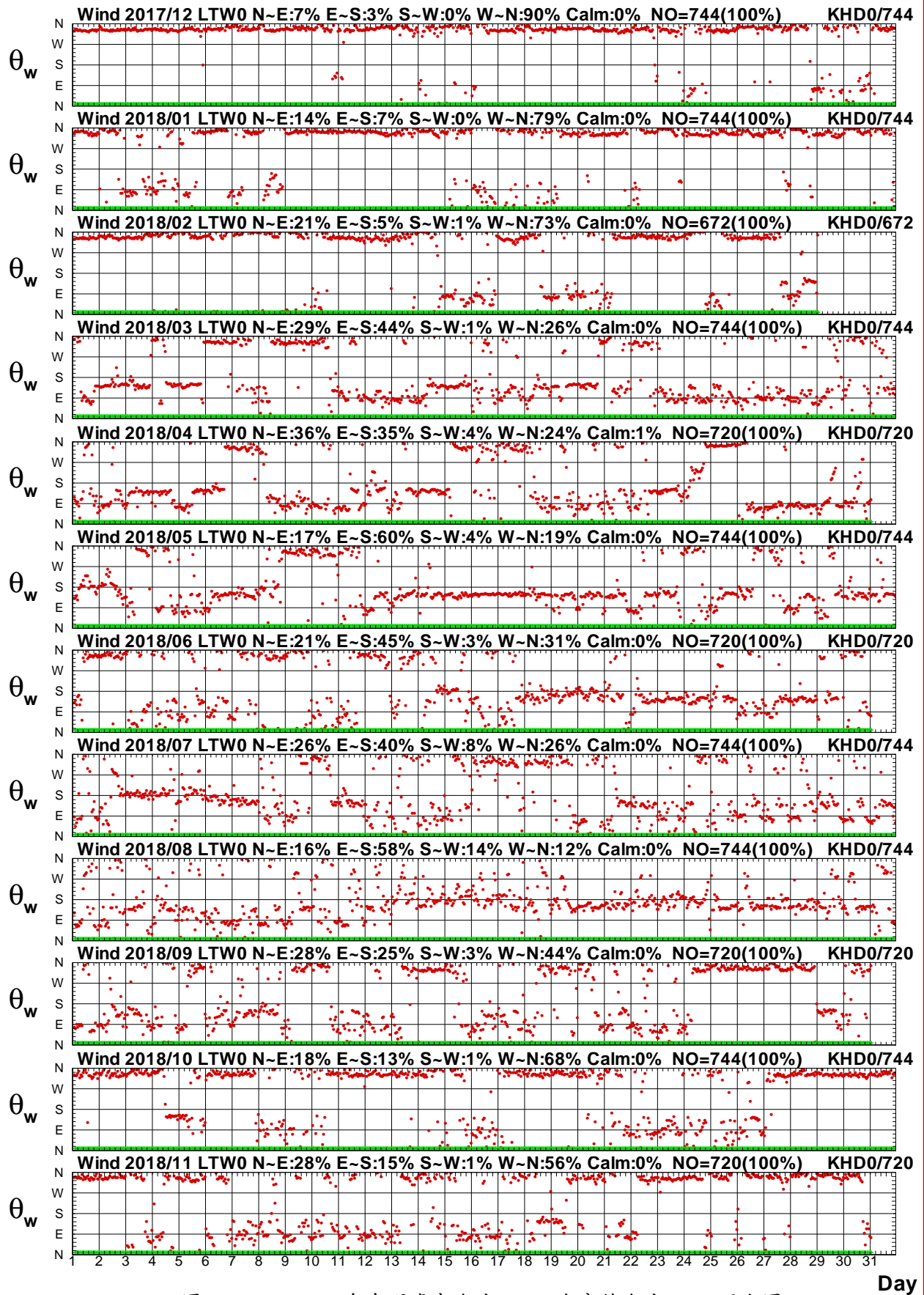


圖 1.4.19b 2018 年每月臺東海域 W 站與高雄海域 D 站風向圖

W17CLTW0.1HA W17CKHD0.1H0 W181LTW0.1HA W181KHD0.1H0 W182LTW0.1HA W182KHD0.1H0
 W183LTW0.1HA W183KHD0.1H0 W184LTW0.1HA W184KHD0.1H0 W185LTW0.1HA W185KHD0.1H0

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Wind Speed in Ta-Tung Seas of LTW0 at 2018

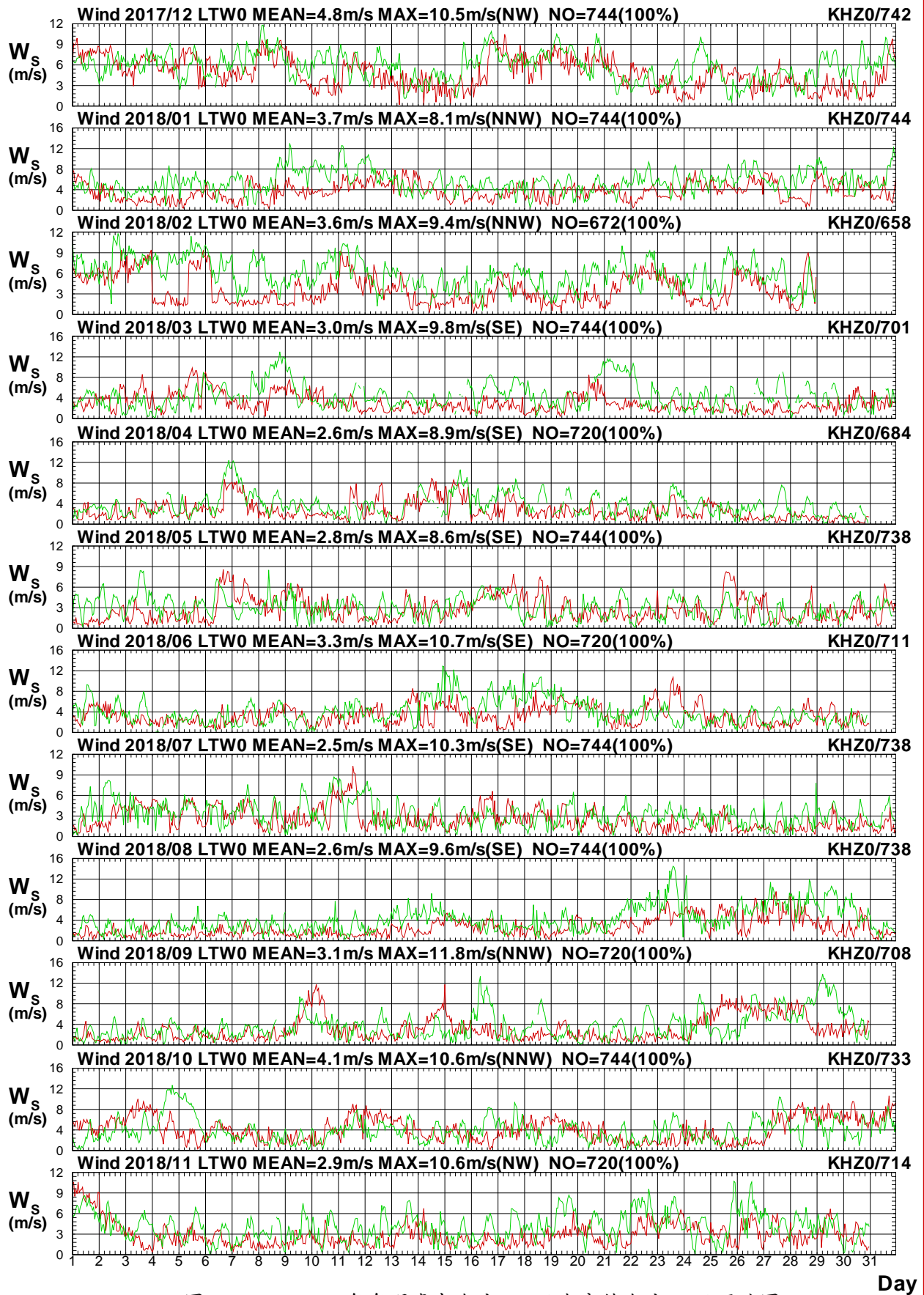


圖1.4.20a 2018年每月臺東海域 W 站與高雄海域 Z 站風速圖

W17CLTW0.1HA W17CKHZ0.1HO W181LTW0.1HA W181KHZ0.1HO W182LTW0.1HA W182KHZ0.1HO
 W183LTW0.1HA W183KHZ0.1HO W184LTW0.1HA W184KHZ0.1HO W185LTW0.1HA W185KHZ0.1HO

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Wind Direction in Ta-Tung Seas of LTW0 at 2018

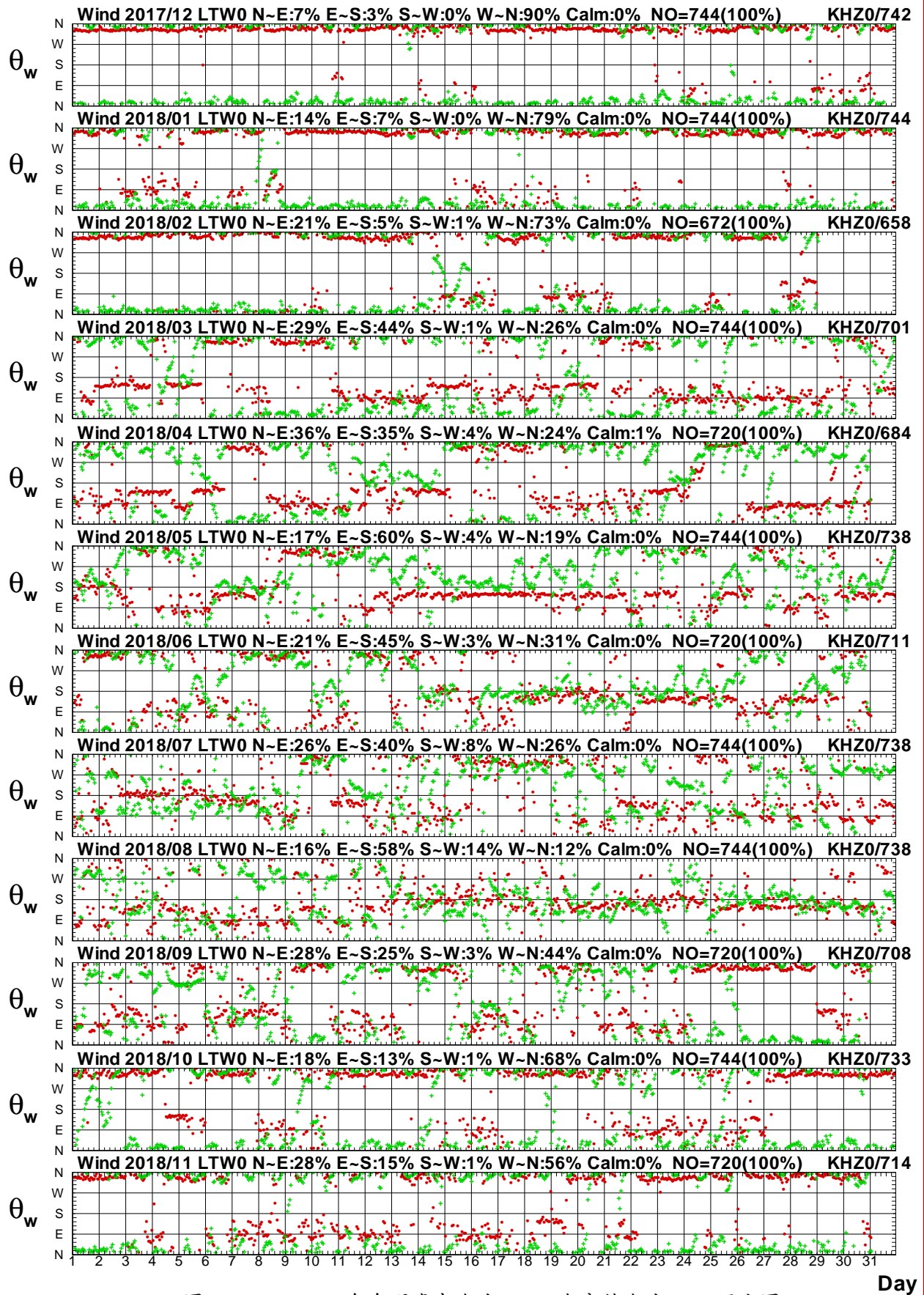


圖 1.4.20b 2018年每月臺東海域 W 站與高雄海域 Z 站風向圖

W17CLTW0.1HA W17CKHZ0.1HO W181LTW0.1HA W181KHZ0.1HO W182LTW0.1HA W182KHZ0.1HO
 W183LTW0.1HA W183KHZ0.1HO W184LTW0.1HA W184KHZ0.1HO W185LTW0.1HA W185KHZ0.1HO

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Wind Speed in Ta-Tung Seas of LTW0 at 2018

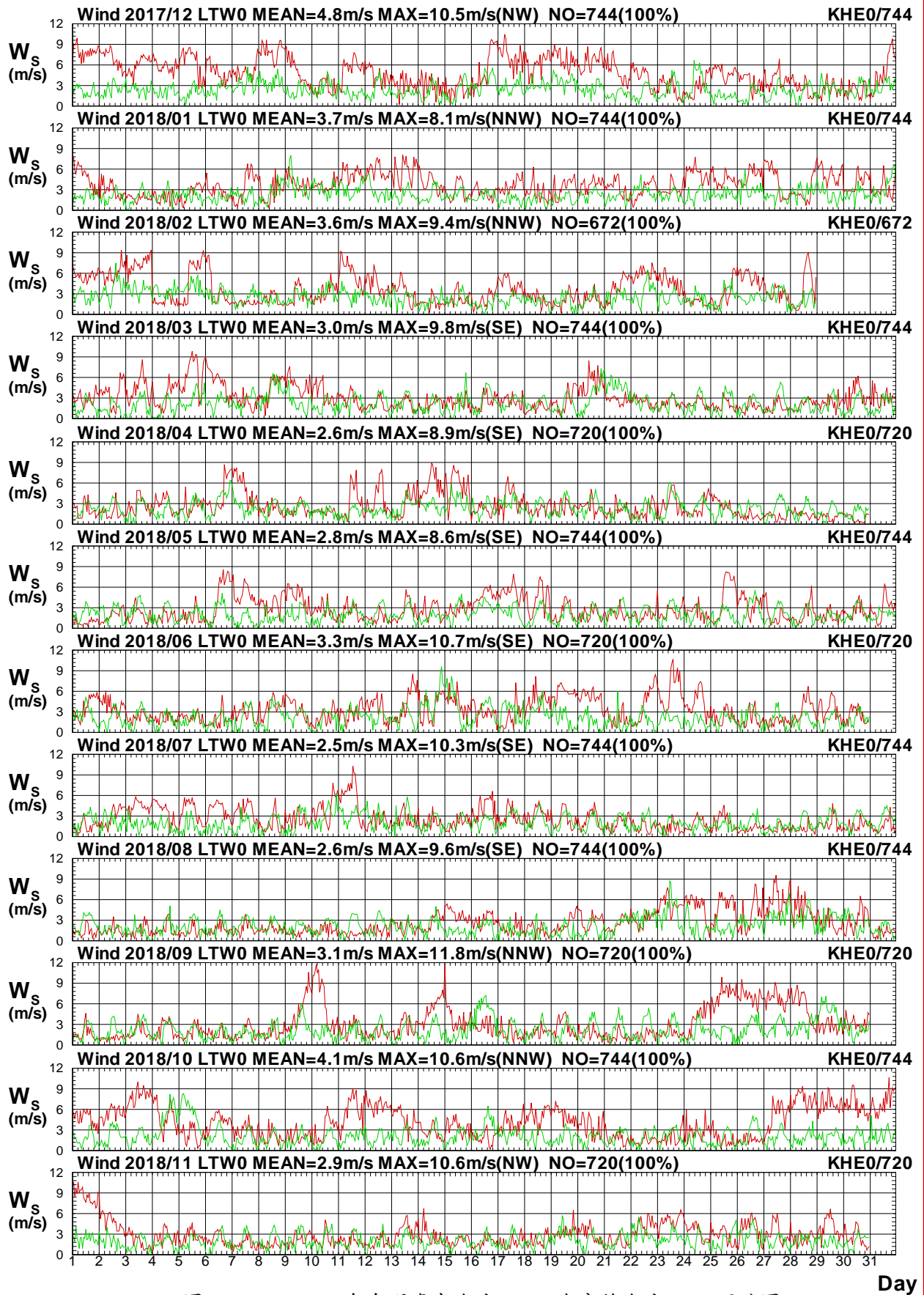


圖1.4.21a 2018年每月臺東海域 W 站與高雄海域 E 站風速圖

W17CLTW0.1HA W17CKHE0.1HO W181LTW0.1HA W181KHE0.1HO W182LTW0.1HA W182KHE0.1HO
W183LTW0.1HA W183KHE0.1HO W184LTW0.1HA W184KHE0.1HO W185LTW0.1HA W185KHE0.1HO

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Wind Direction in Ta-Tung Seas of LTW0 at 2018

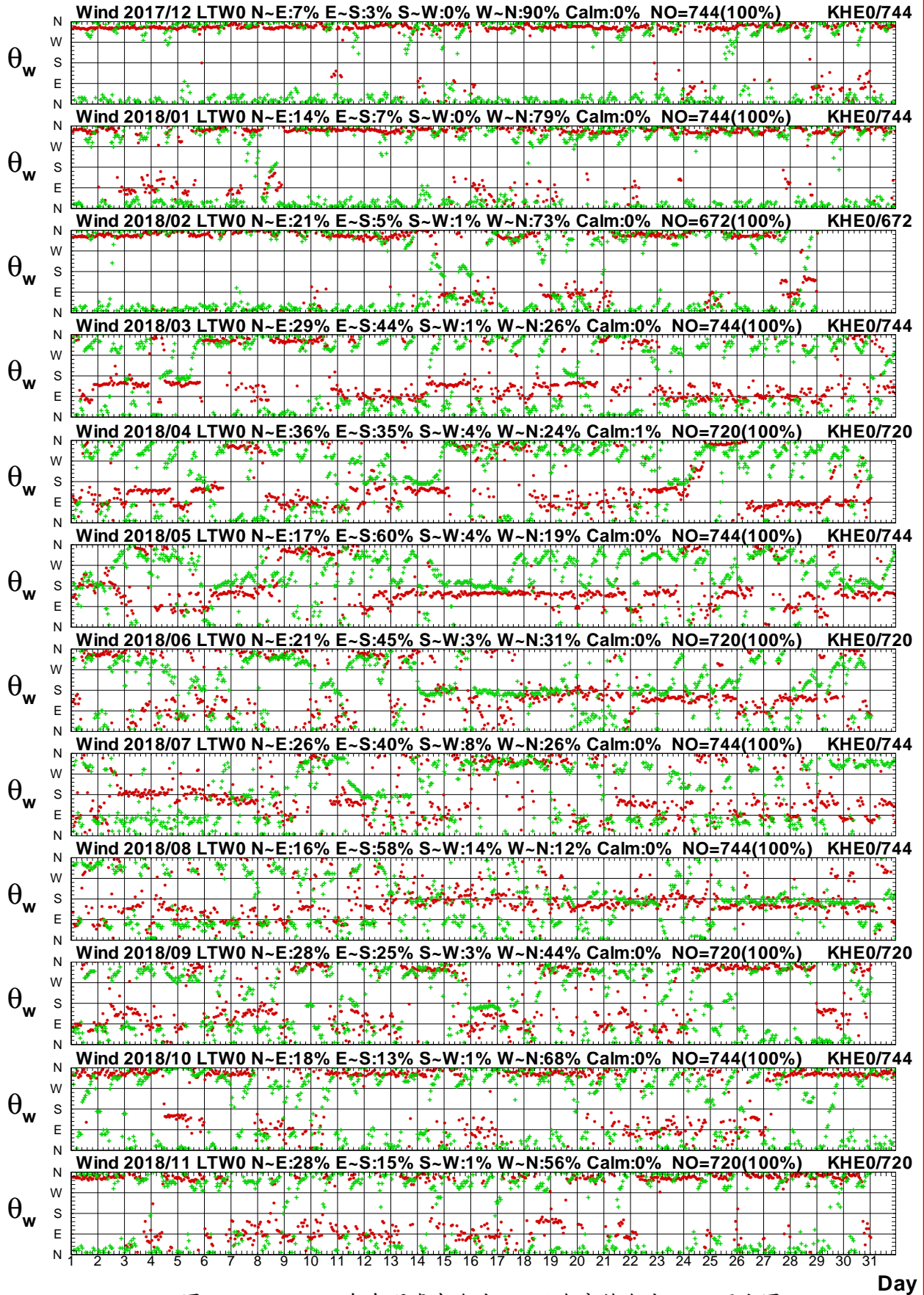


圖 1.4.21b 2018年每月臺東海域 W 站與高雄海域 E 站風向圖

W17CLTW0.1HA W17CKHE0.1HO W181LTW0.1HA W181KHE0.1HO W182LTW0.1HA W182KHE0.1HO
 W183LTW0.1HA W183KHE0.1HO W184LTW0.1HA W184KHE0.1HO W185LTW0.1HA W185KHE0.1HO

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Wind Speed in Ta-Tung Seas of LTW0 at 2018

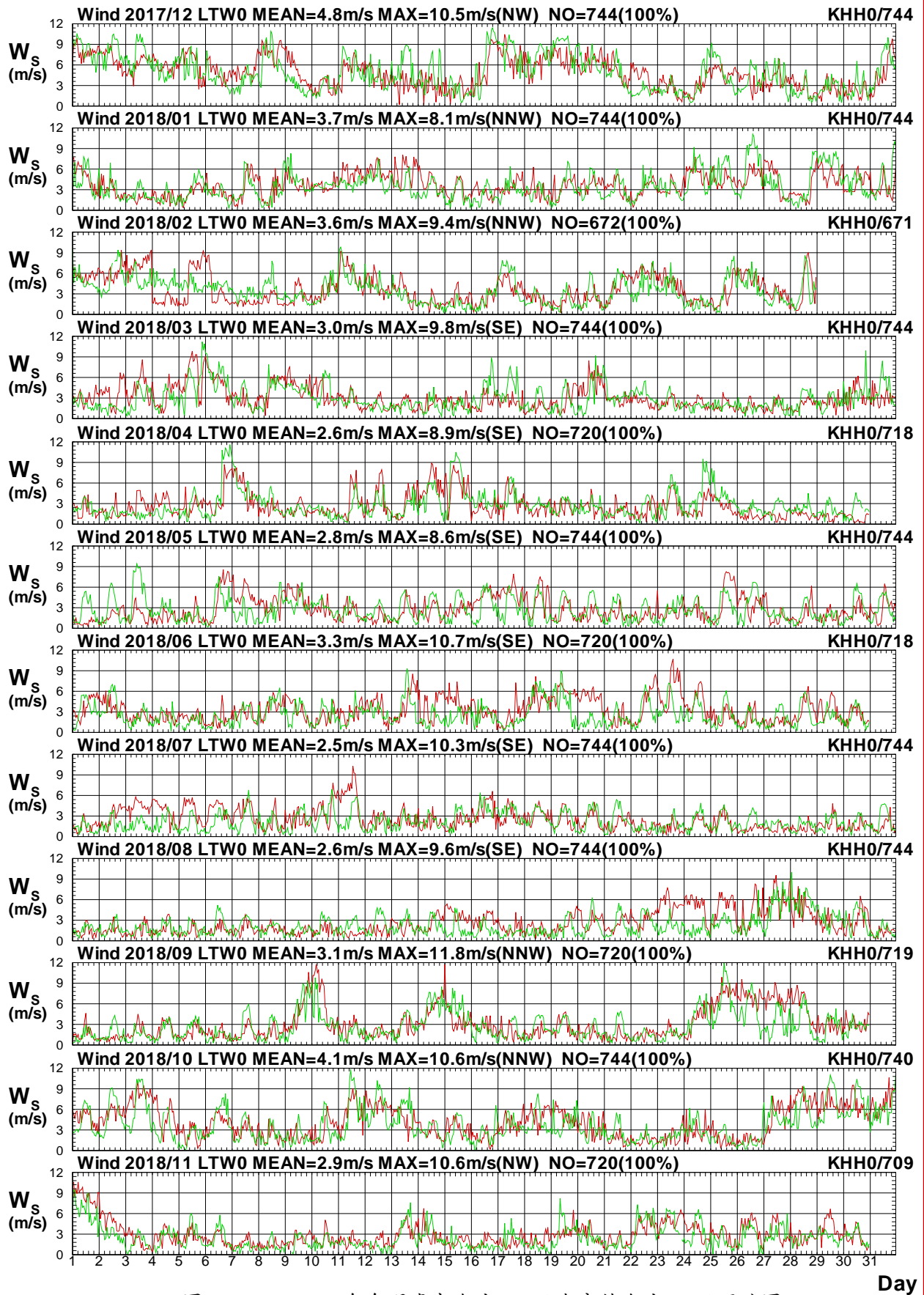


圖 1.4.22a 2018年每月臺東海域 W 站與高雄海域 H 站風速圖

W17CLTW0.1HA W17CKHH0.1HO W181LTW0.1HA W181KHH0.1HO W182LTW0.1HA W182KHH0.1HO
 W183LTW0.1HA W183KHH0.1HO W184LTW0.1HA W184KHH0.1HO W185LTW0.1HA W185KHH0.1HO

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Wind Direction in Ta-Tung Seas of LTW0 at 2018

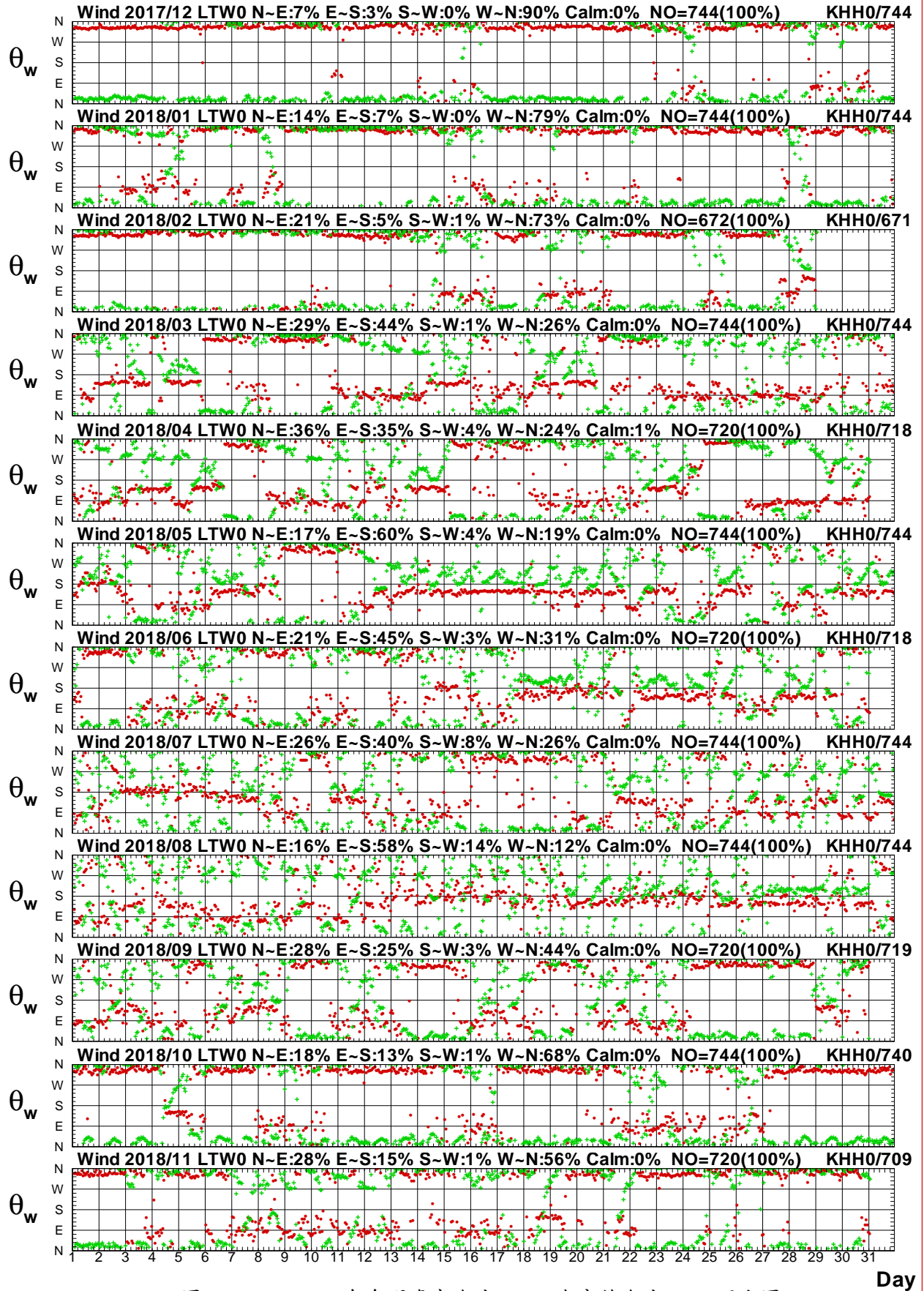


圖 1.4.22b 2018年每月臺東海域 W 站與高雄海域 H 站風向圖

W17CLTW0.1HA W17CKHH0.1H0 W181LTW0.1HA W181KHH0.1H0 W182LTW0.1HA W182KHH0.1H0
 W183LTW0.1HA W183KHH0.1H0 W184LTW0.1HA W184KHH0.1H0 W185LTW0.1HA W185KHH0.1H0

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1.5 2018 年臺東海域風力各測站修補前 風力向量分佈圖

Distribution of Wind Vectors

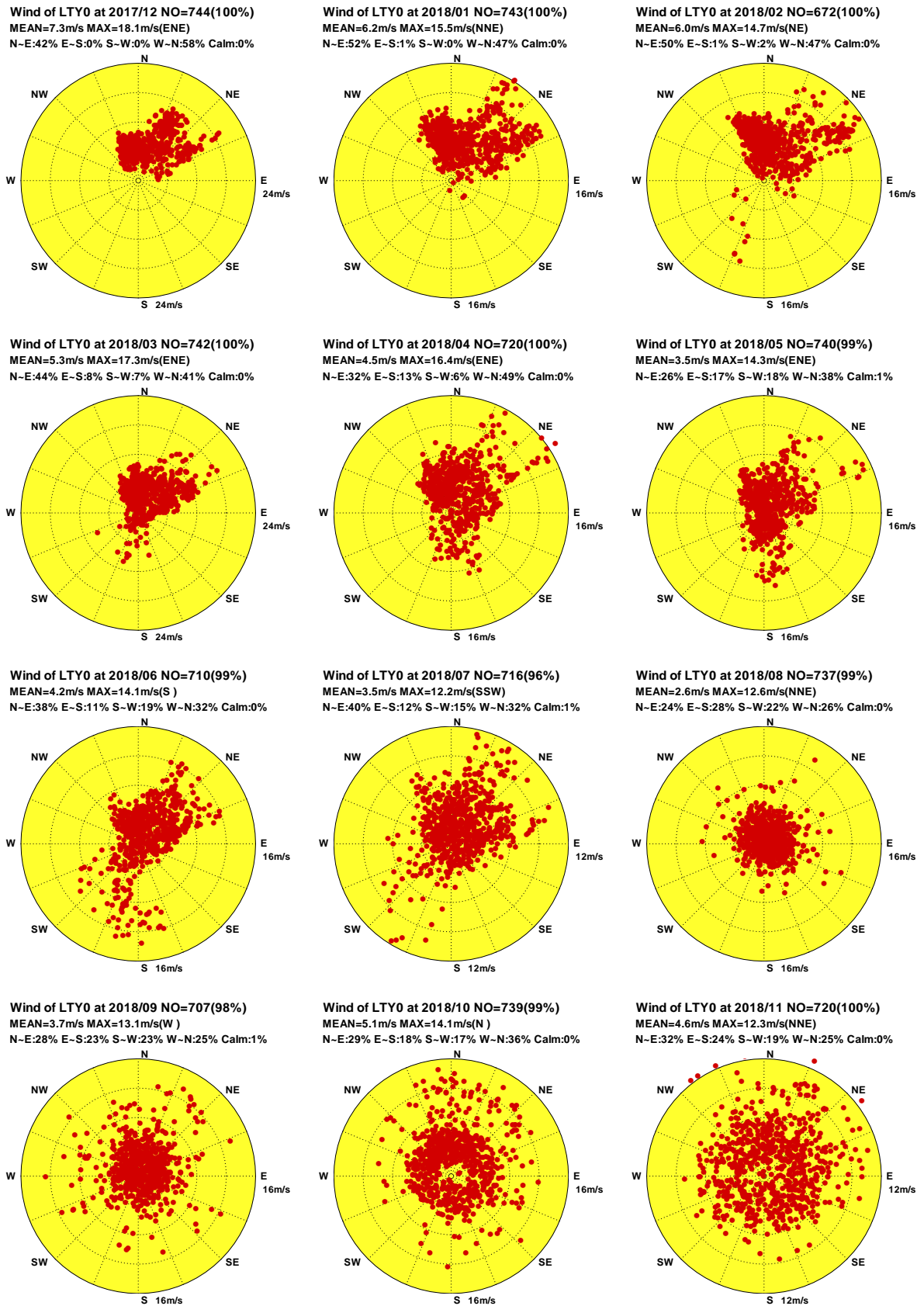


圖1.5.1 2018年臺東海域每月 Y 站修補前觀測風力向量分佈圖

W17CLTY0.1HO W181LTY0.1HO W182LTY0.1HO W183LTY0.1HO W184LTY0.1HO W185LTY0.1HO
 W186LTY0.1HO W187LTY0.1HO W188LTY0.1HO W189LTY0.1HO W18ALTY0.1HO W18BLTY0.1HO

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Distribution of Wind Vectors

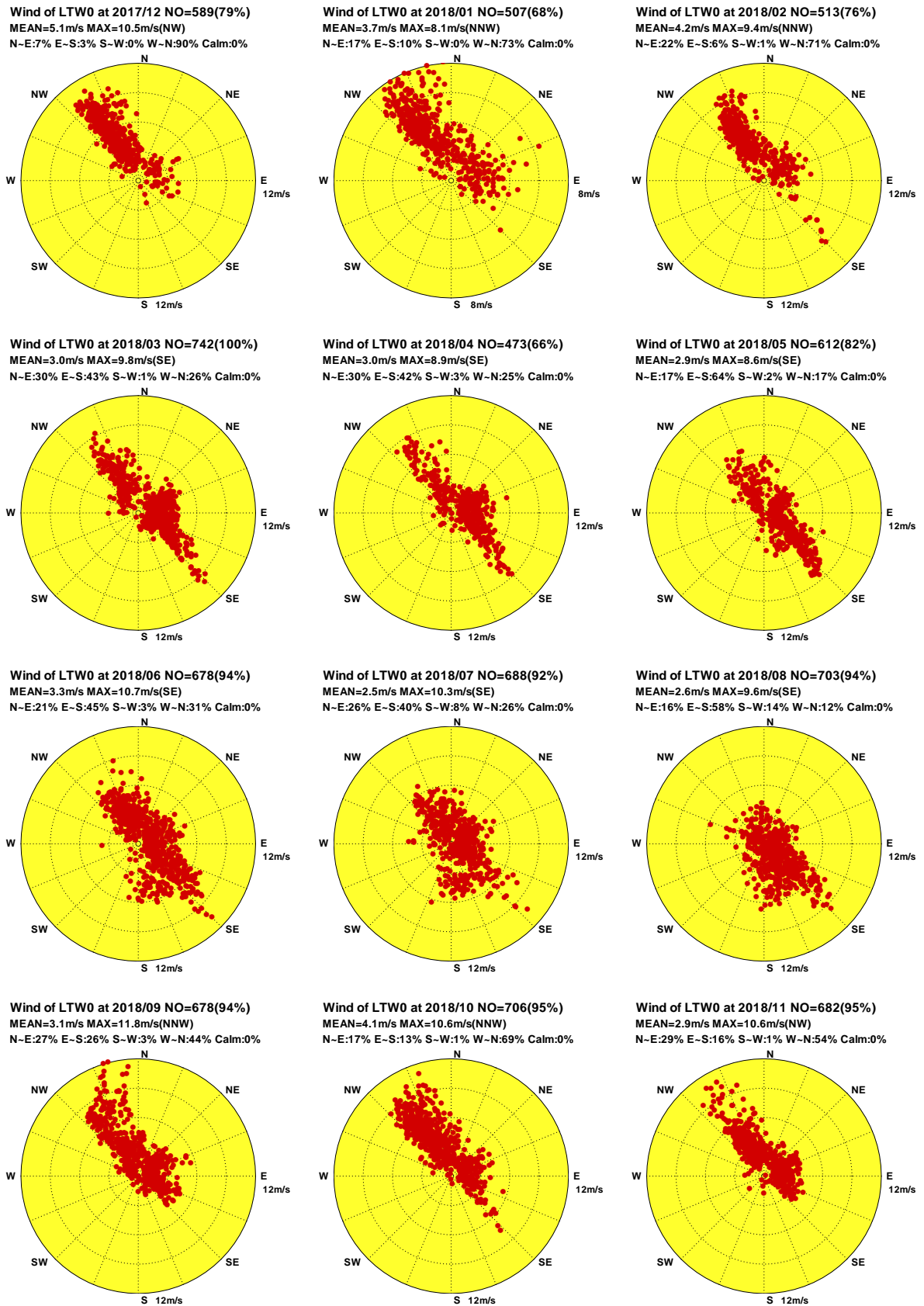


圖 1.5.2 2018 年臺東海域每月 W 站修補前觀測風力向量分佈圖

W17CLTW0.1H0 W181LTW0.1H0 W182LTW0.1H0 W183LTW0.1H0 W184LTW0.1H0 W185LTW0.1H0
W186LTW0.1H0 W187LTW0.1H0 W188LTW0.1H0 W189LTW0.1H0 W18ALTW0.1H0 W18BLTW0.1H0

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Distribution of Wind Vectors

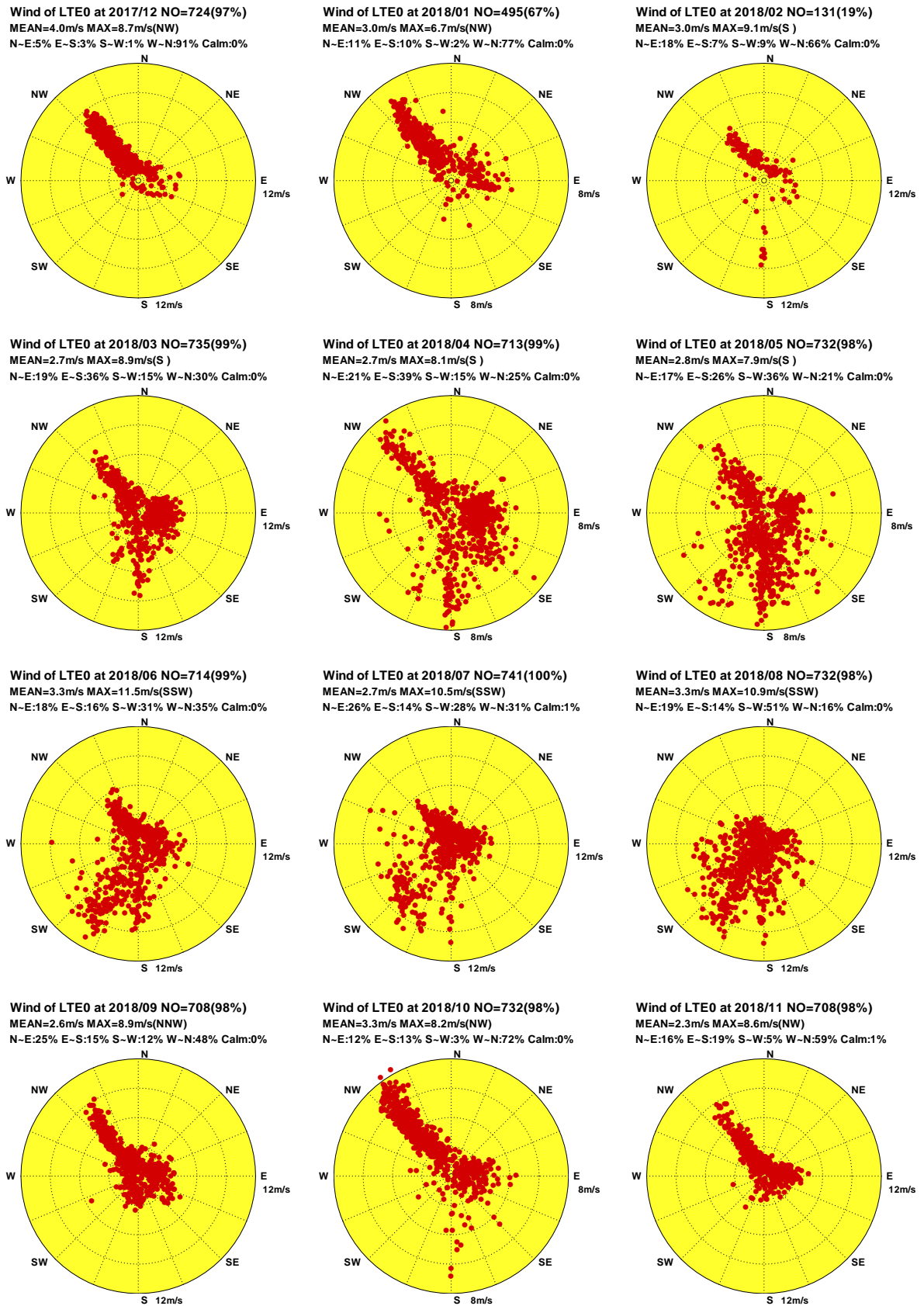


圖1.5.3 2018年臺東海域每月 E 站修補前觀測風力向量分佈圖

W17CLTE0.1HO W181LTE0.1HO W182LTE0.1HO W183LTE0.1HO W184LTE0.1HO W185LTE0.1HO
 W186LTE0.1HO W187LTE0.1HO W188LTE0.1HO W189LTE0.1HO W18ALTE0.1HO W18BLTE0.1HO

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Distribution of Wind Vectors

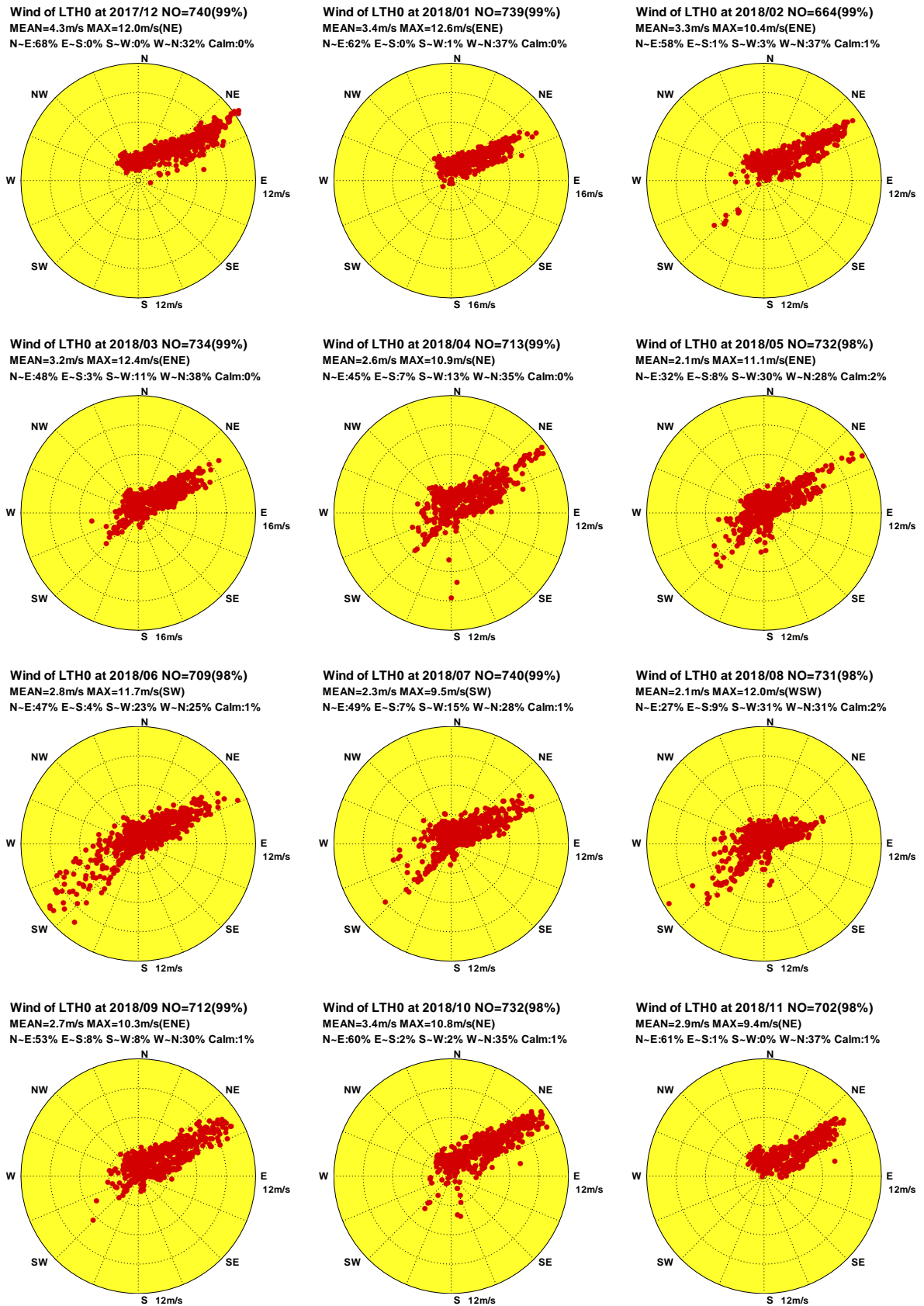


圖1.5.4 2018年臺東海域每月 H 站修補前觀測風力向量分佈圖

W17CLTH0.1H0 W181LTH0.1H0 W182LTH0.1H0 W183LTH0.1H0 W184LTH0.1H0 W185LTH0.1H0
W186LTH0.1H0 W187LTH0.1H0 W188LTH0.1H0 W189LTH0.1H0 W18ALTH0.1H0 W18BLTH0.1H0

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Distribution of Wind Vectors

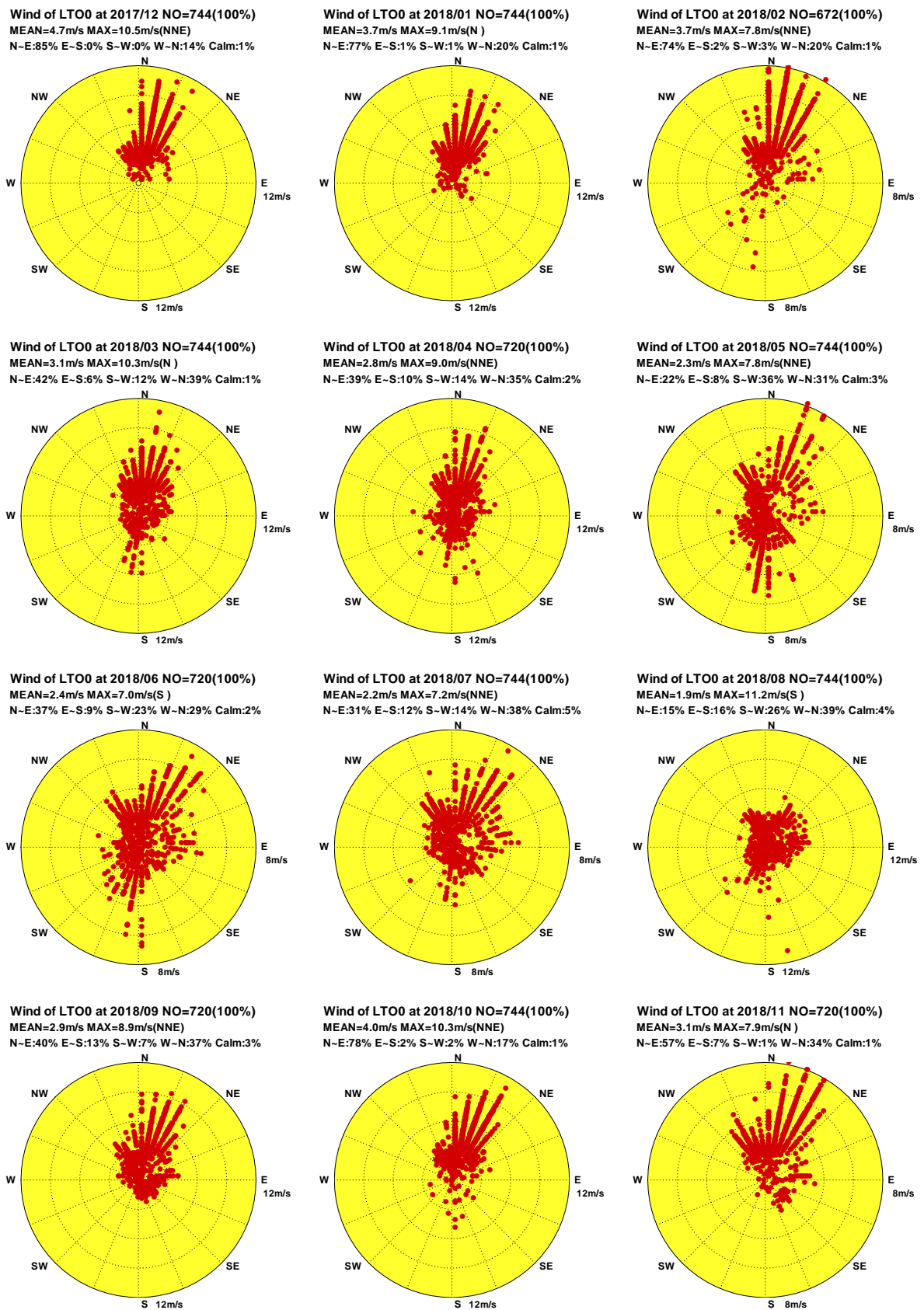


圖1.5.5 2018年臺東海域每月 O 站修補前觀測風力向量分佈圖

W17CLTO0.1H0 W181LTO0.1H0 W182LTO0.1H0 W183LTO0.1H0 W184LTO0.1H0 W185LTO0.1H0
 W186LTO0.1H0 W187LTO0.1H0 W188LTO0.1H0 W189LTO0.1H0 W18ALTO0.1H0 W18BLTO0.1H0

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Distribution of Wind Vectors

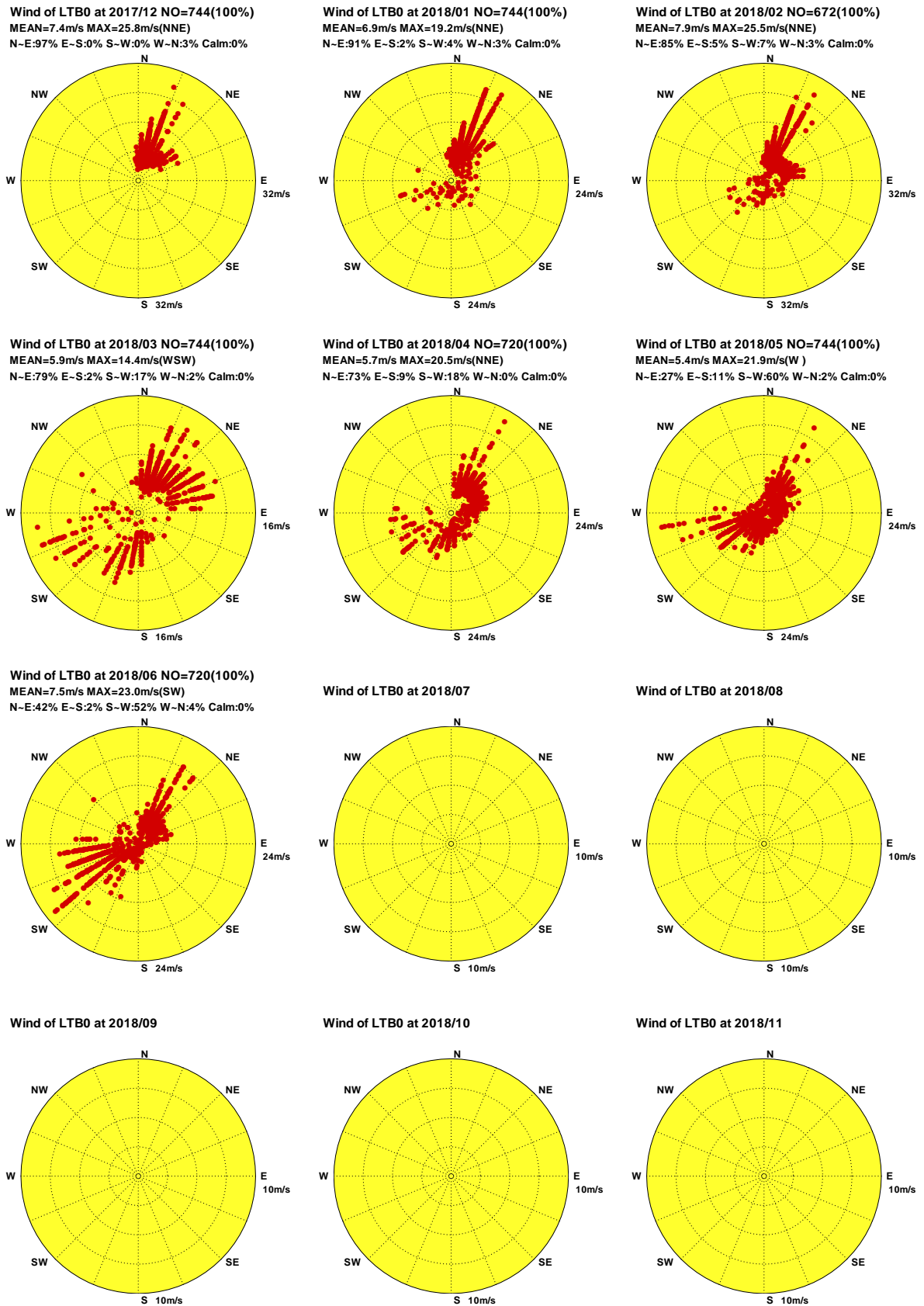


圖1.5.6 2018年臺東海域每月 B 站修補前觀測風力向量分佈圖

W17CLTB0.1H0 W181LTB0.1H0 W182LTB0.1H0 W183LTB0.1H0 W184LTB0.1H0 W185LTB0.1H0
 W186LTB0.1H0 W187LTB0.1H0 W188LTB0.1H0 W189LTB0.1H0 W18ALTB0.1H0 W18BLTB0.1H0

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Distribution of Wind Vectors

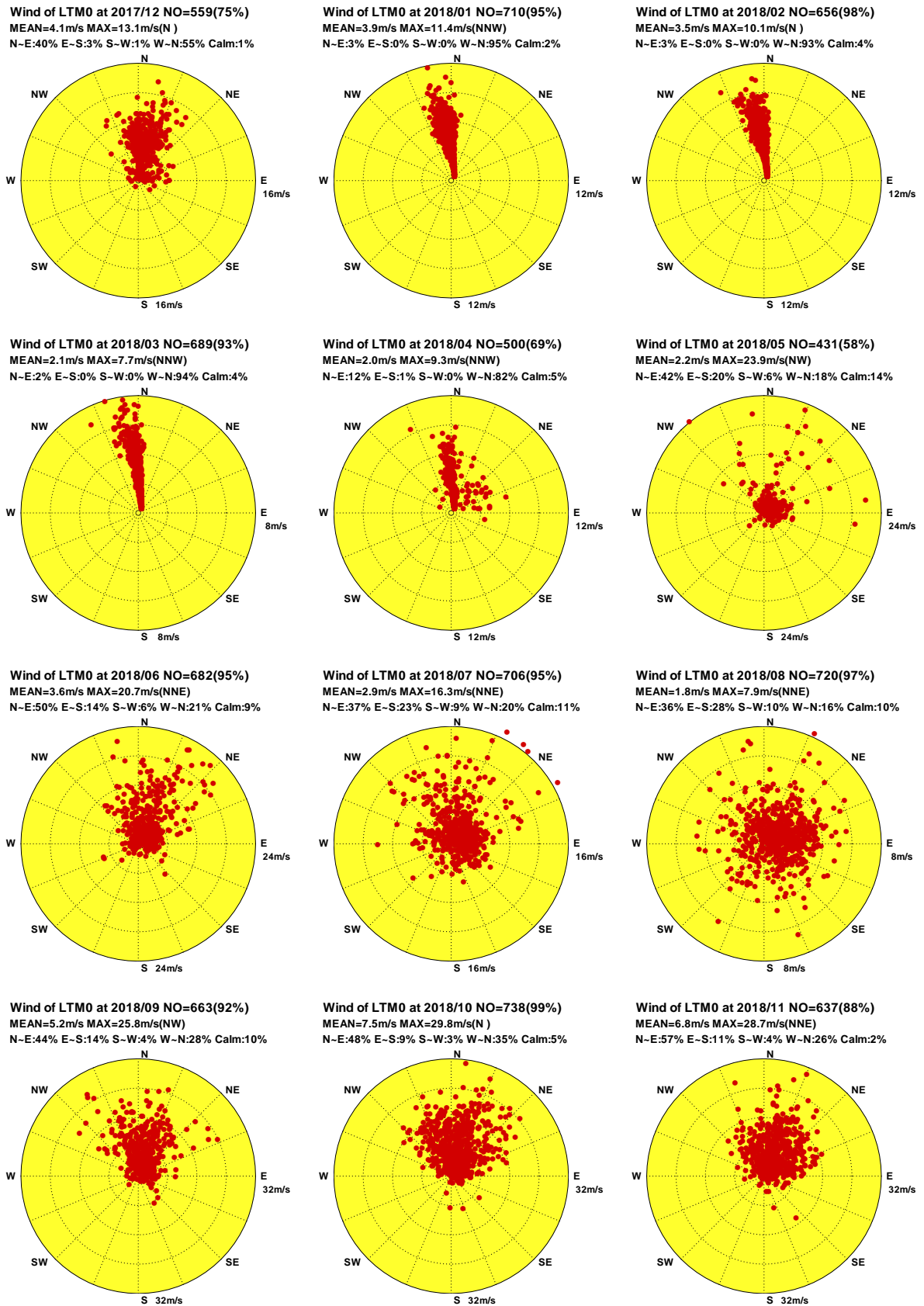


圖1.5.7 2018年臺東海域每月 M 站修補前觀測風力向量分佈圖

W17CLTM0.1H0 W181LTM0.1H0 W182LTM0.1H0 W183LTM0.1H0 W184LTM0.1H0 W185LTM0.1H0
W186LTM0.1H0 W187LTM0.1H0 W188LTM0.1H0 W189LTM0.1H0 W18ALTM0.1H0 W18BLTM0.1H0

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Distribution of Wind Vectors

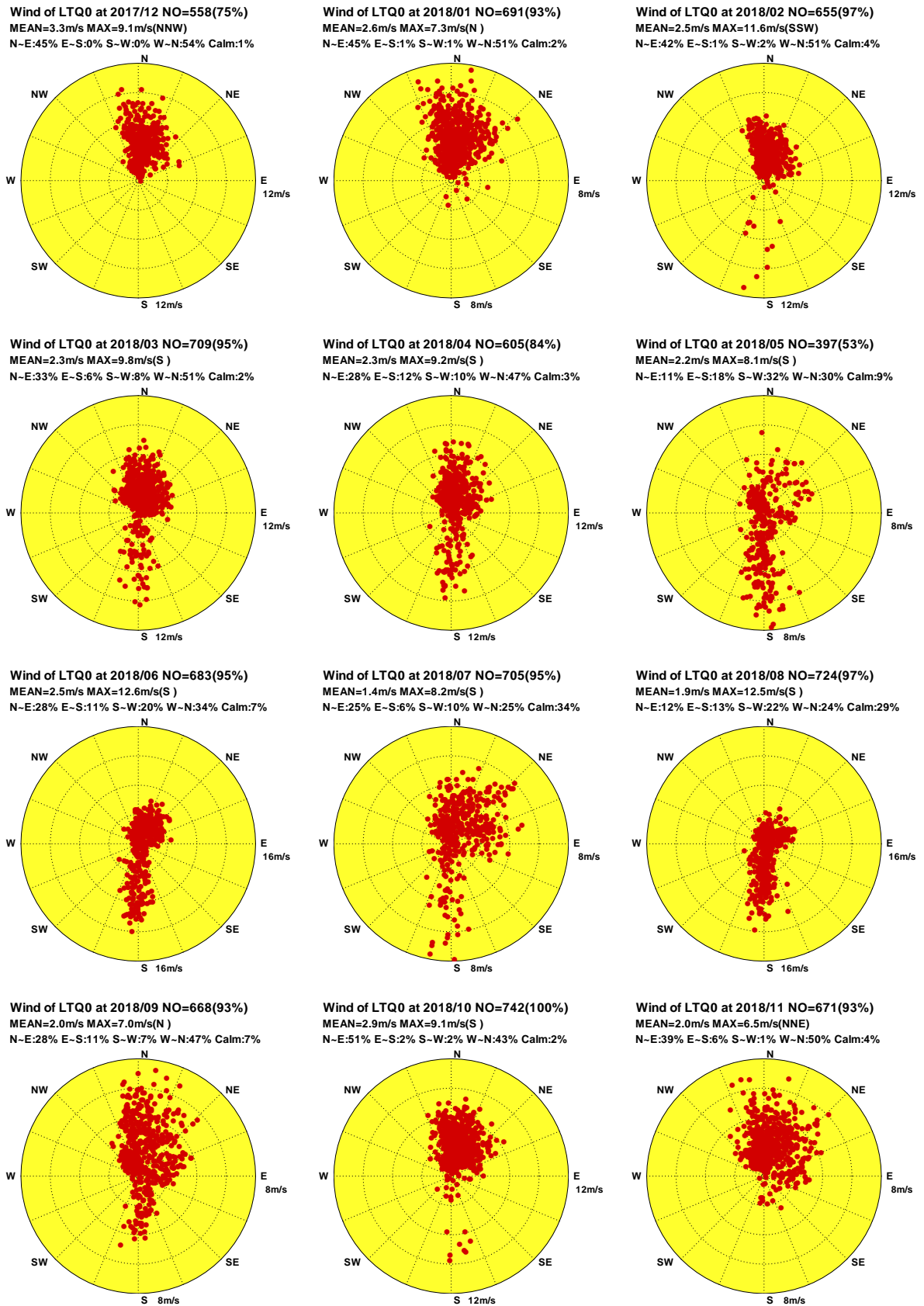


圖1.5.8 2018年臺東海域每月 Q 站修補前觀測風力向量分佈圖

W17CLTQ0.1H0 W181LTQ0.1H0 W182LTQ0.1H0 W183LTQ0.1H0 W184LTQ0.1H0 W185LTQ0.1H0
W186LTQ0.1H0 W187LTQ0.1H0 W188LTQ0.1H0 W189LTQ0.1H0 W18ALTQ0.1H0 W18BLTQ0.1H0

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Distribution of Wind Vectors

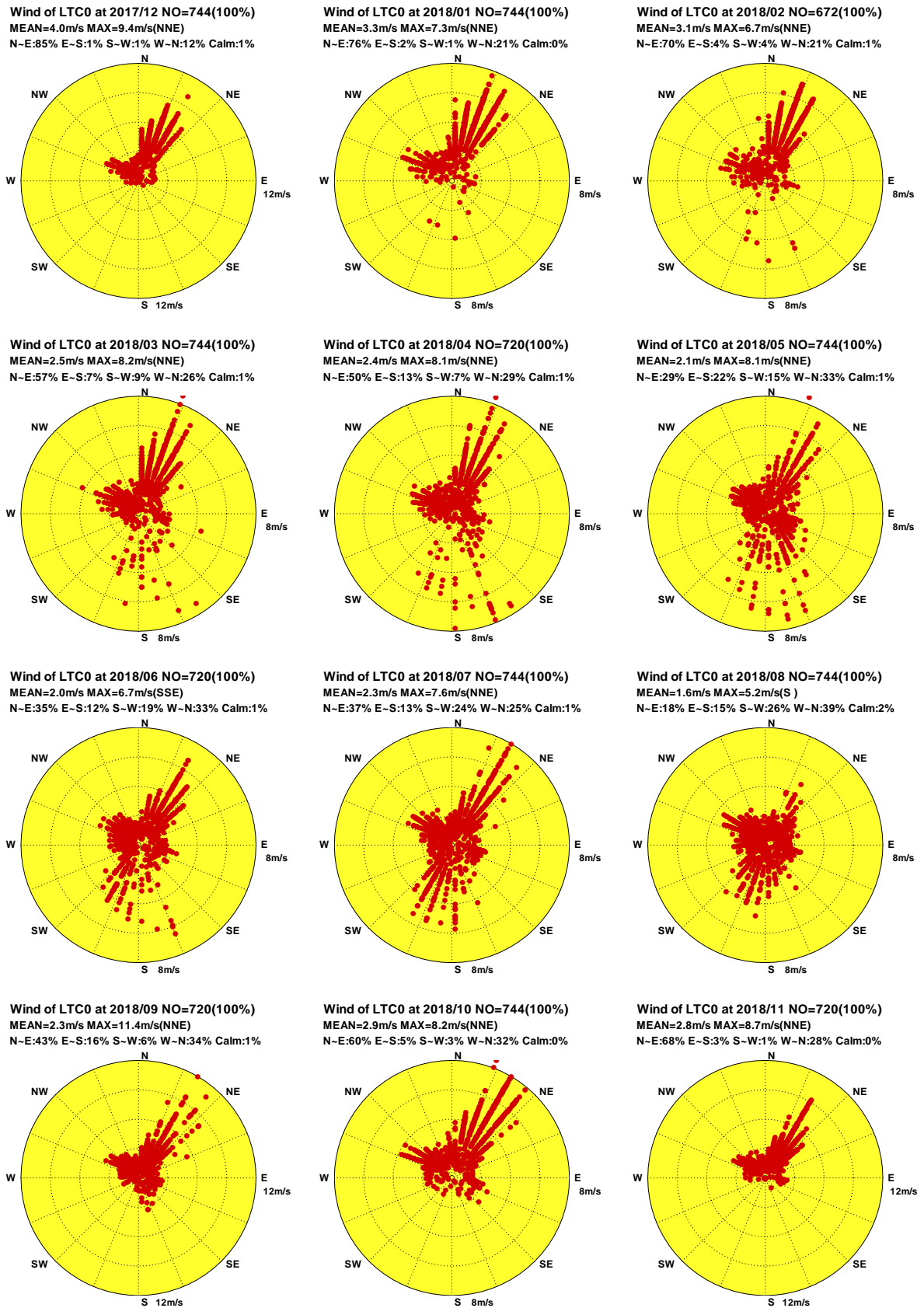


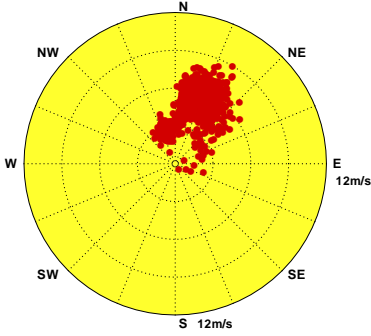
圖1.5.9 2018年臺東海域每月 C 站修補前觀測風力向量分佈圖

W17CLTC0.1H0 W181LTC0.1H0 W182LTC0.1H0 W183LTC0.1H0 W184LTC0.1H0 W185LTC0.1H0
 W186LTC0.1H0 W187LTC0.1H0 W188LTC0.1H0 W189LTC0.1H0 W18ALTC0.1H0 W18BLTC0.1H0

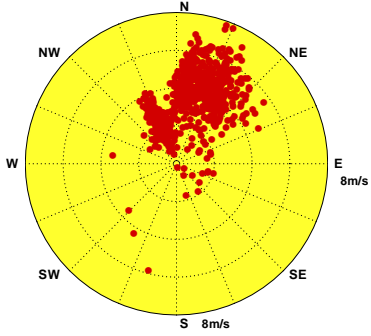
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Distribution of Wind Vectors

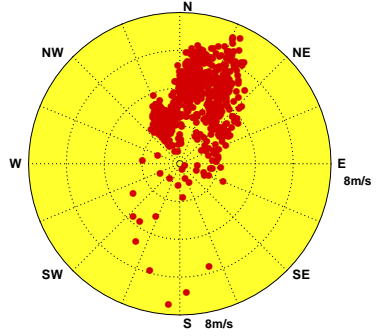
Wind of LTI0 at 2017/12 NO=722(97%)
 MEAN=4.4m/s MAX=8.4m/s(NNE)
 N-E:79% E-S:1% S-W:0% W-N:20% Calm:0%



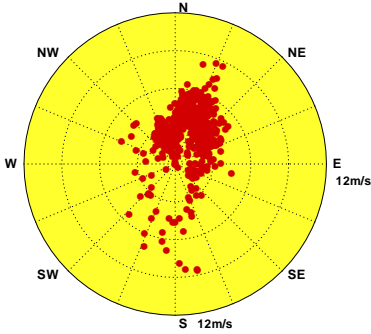
Wind of LTI0 at 2018/01 NO=719(97%)
 MEAN=3.5m/s MAX=7.4m/s(NNE)
 N-E:66% E-S:2% S-W:1% W-N:31% Calm:0%



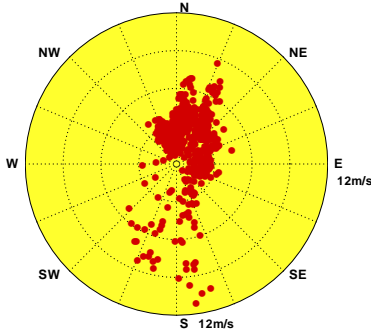
Wind of LTI0 at 2018/02 NO=649(97%)
 MEAN=3.4m/s MAX=7.8m/s(S)
 N-E:61% E-S:3% S-W:2% W-N:34% Calm:0%



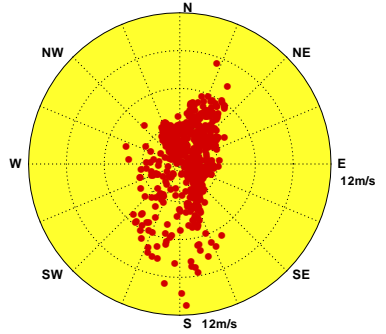
Wind of LTI0 at 2018/03 NO=726(98%)
 MEAN=3.0m/s MAX=9.0m/s(S)
 N-E:44% E-S:7% S-W:4% W-N:45% Calm:0%



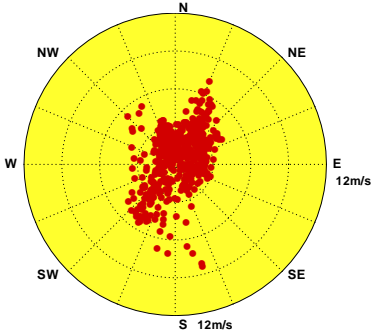
Wind of LTI0 at 2018/04 NO=703(98%)
 MEAN=2.8m/s MAX=11.6m/s(S)
 N-E:37% E-S:14% S-W:5% W-N:44% Calm:0%



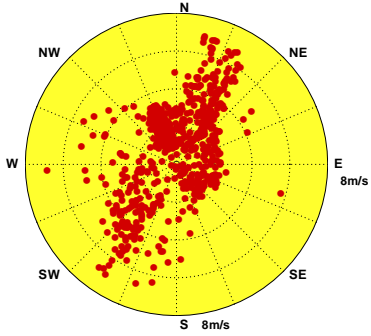
Wind of LTI0 at 2018/05 NO=735(99%)
 MEAN=2.6m/s MAX=11.7m/s(S)
 N-E:24% E-S:22% S-W:11% W-N:43% Calm:0%



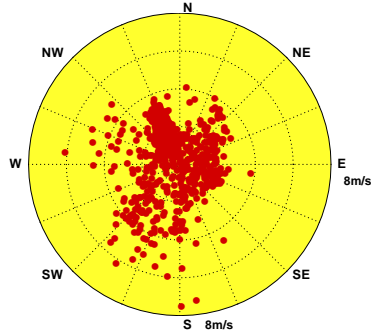
Wind of LTI0 at 2018/06 NO=697(97%)
 MEAN=2.3m/s MAX=8.7m/s(SSE)
 N-E:28% E-S:12% S-W:18% W-N:41% Calm:1%



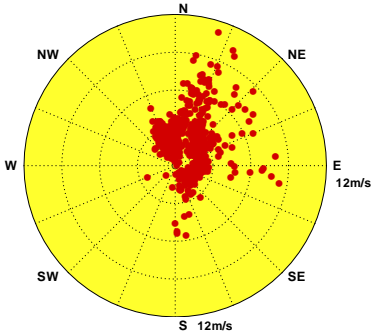
Wind of LTI0 at 2018/07 NO=732(98%)
 MEAN=2.7m/s MAX=7.3m/s(SSW)
 N-E:29% E-S:12% S-W:20% W-N:39% Calm:0%



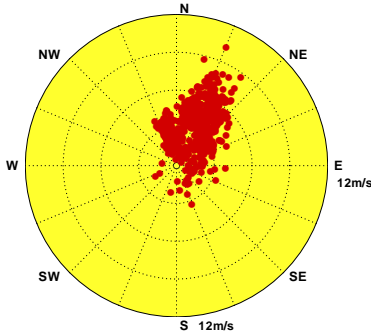
Wind of LTI0 at 2018/08 NO=736(99%)
 MEAN=2.1m/s MAX=7.8m/s(S)
 N-E:12% E-S:14% S-W:22% W-N:51% Calm:1%



Wind of LTI0 at 2018/09 NO=710(99%)
 MEAN=2.6m/s MAX=10.6m/s(NNE)
 N-E:32% E-S:18% S-W:2% W-N:48% Calm:0%



Wind of LTI0 at 2018/10 NO=732(98%)
 MEAN=3.0m/s MAX=9.6m/s(NNE)
 N-E:51% E-S:5% S-W:1% W-N:43% Calm:0%



Wind of LTI0 at 2018/11 NO=707(98%)
 MEAN=2.8m/s MAX=8.5m/s(NNE)
 N-E:59% E-S:4% S-W:0% W-N:37% Calm:0%

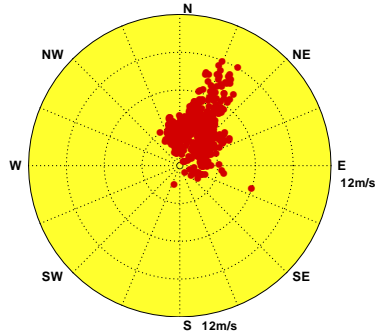


圖 1.5.100 2018年臺東海域每月 I 站修補前觀測風力向量分佈圖

W17CLTI0.1H0 W181LTI0.1H0 W182LTI0.1H0 W183LTI0.1H0 W184LTI0.1H0 W185LTI0.1H0
 W186LTI0.1H0 W187LTI0.1H0 W188LTI0.1H0 W189LTI0.1H0 W18ALTIO.1H0 W18BLTI0.1H0

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Distribution of Wind Vectors

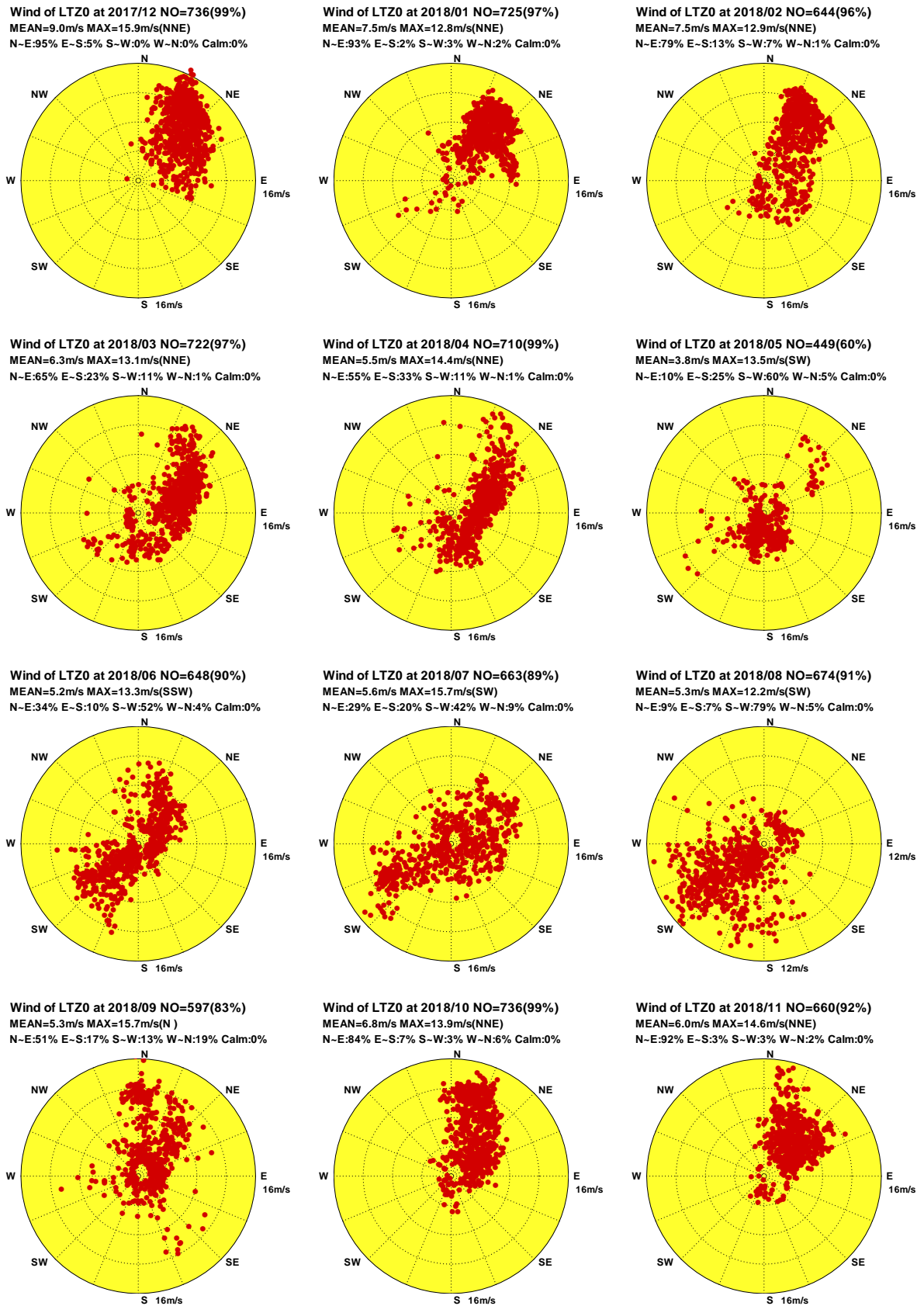


圖1.5.111 2018年臺東海域每月乙站修補前觀測風力向量分佈圖

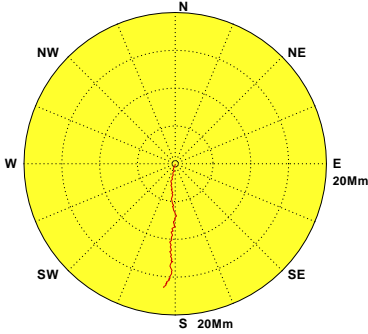
W17CLTZ0.1H0 W181LTZ0.1H0 W182LTZ0.1H0 W183LTZ0.1H0 W184LTZ0.1H0 W185LTZ0.1H0
 W186LTZ0.1H0 W187LTZ0.1H0 W188LTZ0.1H0 W189LTZ0.1H0 W18ALTZ0.1H0 W18BLTZ0.1H0

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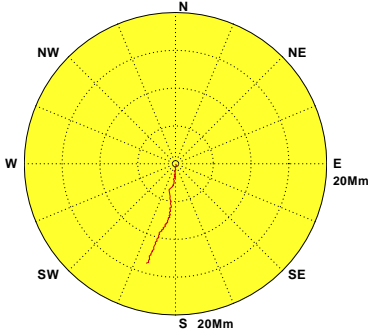
1.6 2018 年臺東海域風力各測站修補前 風力向量行進圖

Progressive Vector Diagram of Wind

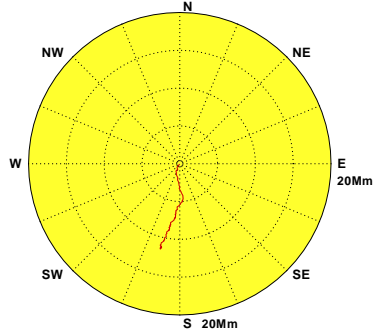
Wind of LTY0 at 2017/12 NO=744(100%)
 MEAN=7.3m/s MAX=18.1m/s(ENE)
 N-E:42% E-S:0% S-W:0% W-N:58% Calm:0%



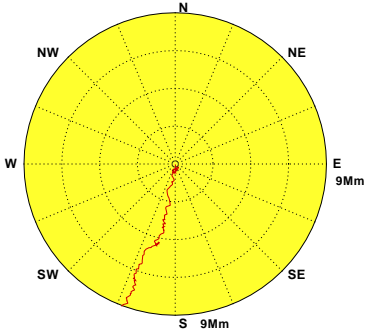
Wind of LTY0 at 2018/01 NO=743(100%)
 MEAN=6.2m/s MAX=15.5m/s(NNE)
 N-E:52% E-S:1% S-W:0% W-N:47% Calm:0%



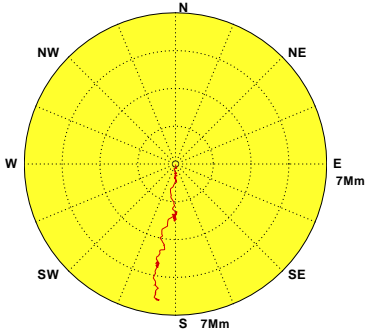
Wind of LTY0 at 2018/02 NO=672(100%)
 MEAN=6.0m/s MAX=14.7m/s(NE)
 N-E:50% E-S:1% S-W:2% W-N:47% Calm:0%



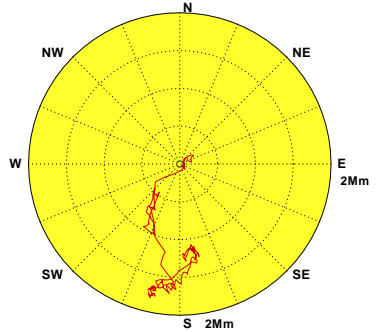
Wind of LTY0 at 2018/03 NO=742(100%)
 MEAN=5.3m/s MAX=17.3m/s(ENE)
 N-E:44% E-S:8% S-W:7% W-N:41% Calm:0%



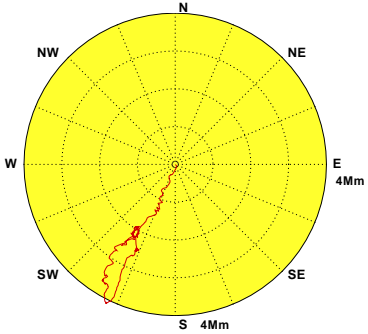
Wind of LTY0 at 2018/04 NO=720(100%)
 MEAN=4.5m/s MAX=16.4m/s(ENE)
 N-E:32% E-S:13% S-W:6% W-N:49% Calm:0%



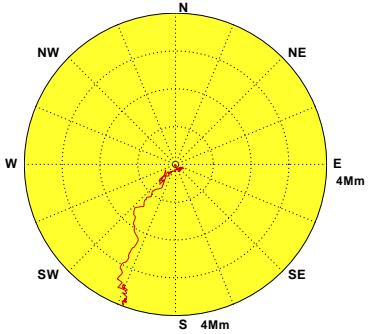
Wind of LTY0 at 2018/05 NO=740(99%)
 MEAN=3.5m/s MAX=14.3m/s(ENE)
 N-E:26% E-S:17% S-W:18% W-N:38% Calm:1%



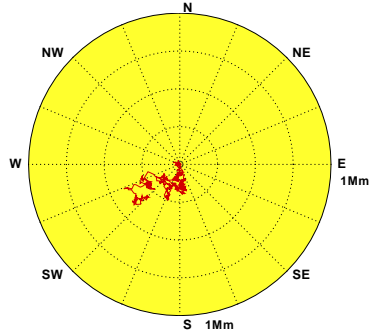
Wind of LTY0 at 2018/06 NO=710(99%)
 MEAN=4.2m/s MAX=14.1m/s(S)
 N-E:38% E-S:11% S-W:19% W-N:32% Calm:0%



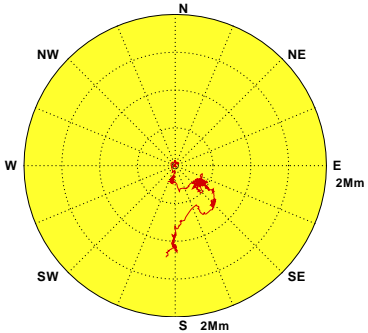
Wind of LTY0 at 2018/07 NO=716(96%)
 MEAN=3.5m/s MAX=12.2m/s(SSW)
 N-E:40% E-S:12% S-W:15% W-N:32% Calm:1%



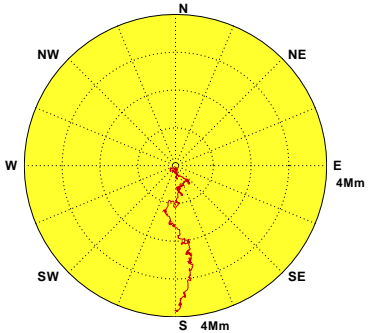
Wind of LTY0 at 2018/08 NO=737(99%)
 MEAN=2.6m/s MAX=12.6m/s(NNE)
 N-E:24% E-S:28% S-W:22% W-N:26% Calm:0%



Wind of LTY0 at 2018/09 NO=707(98%)
 MEAN=3.7m/s MAX=13.1m/s(W)
 N-E:28% E-S:23% S-W:23% W-N:25% Calm:1%



Wind of LTY0 at 2018/10 NO=739(99%)
 MEAN=5.1m/s MAX=14.1m/s(N)
 N-E:29% E-S:18% S-W:17% W-N:36% Calm:0%



Wind of LTY0 at 2018/11 NO=720(100%)
 MEAN=4.6m/s MAX=12.3m/s(NNE)
 N-E:32% E-S:24% S-W:19% W-N:25% Calm:0%

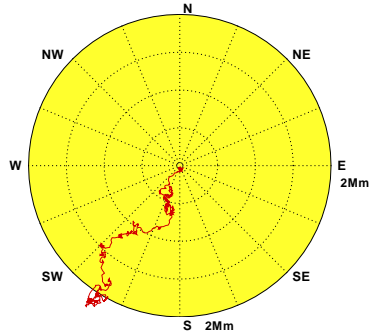


圖1.6.1 2018年臺東海域每月 Y 站修補前觀測風力向量行進圖

W17CLTY0.1H0 W181LTY0.1H0 W182LTY0.1H0 W183LTY0.1H0 W184LTY0.1H0 W185LTY0.1H0
 W186LTY0.1H0 W187LTY0.1H0 W188LTY0.1H0 W189LTY0.1H0 W18ALTY0.1H0 W18BLTY0.1H0

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Progressive Vector Diagram of Wind

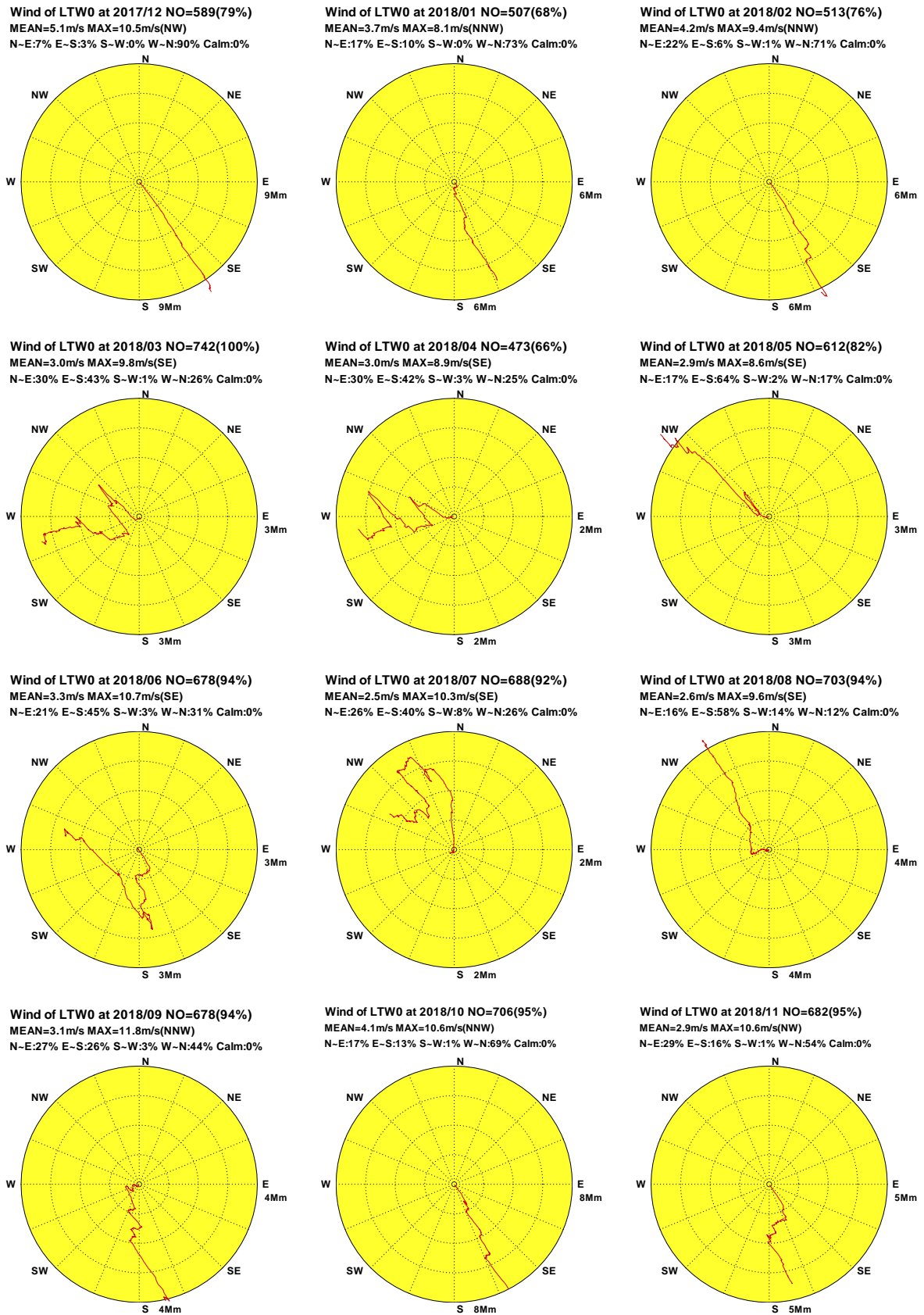


圖 1.6.2 2018 年臺東海域每月 W 站修補前觀測風力向量行進圖

W17CLTW0.1H0 W181LTW0.1H0 W182LTW0.1H0 W183LTW0.1H0 W184LTW0.1H0 W185LTW0.1H0
 W186LTW0.1H0 W187LTW0.1H0 W188LTW0.1H0 W189LTW0.1H0 W18ALTW0.1H0 W18BLTW0.1H0

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Progressive Vector Diagram of Wind

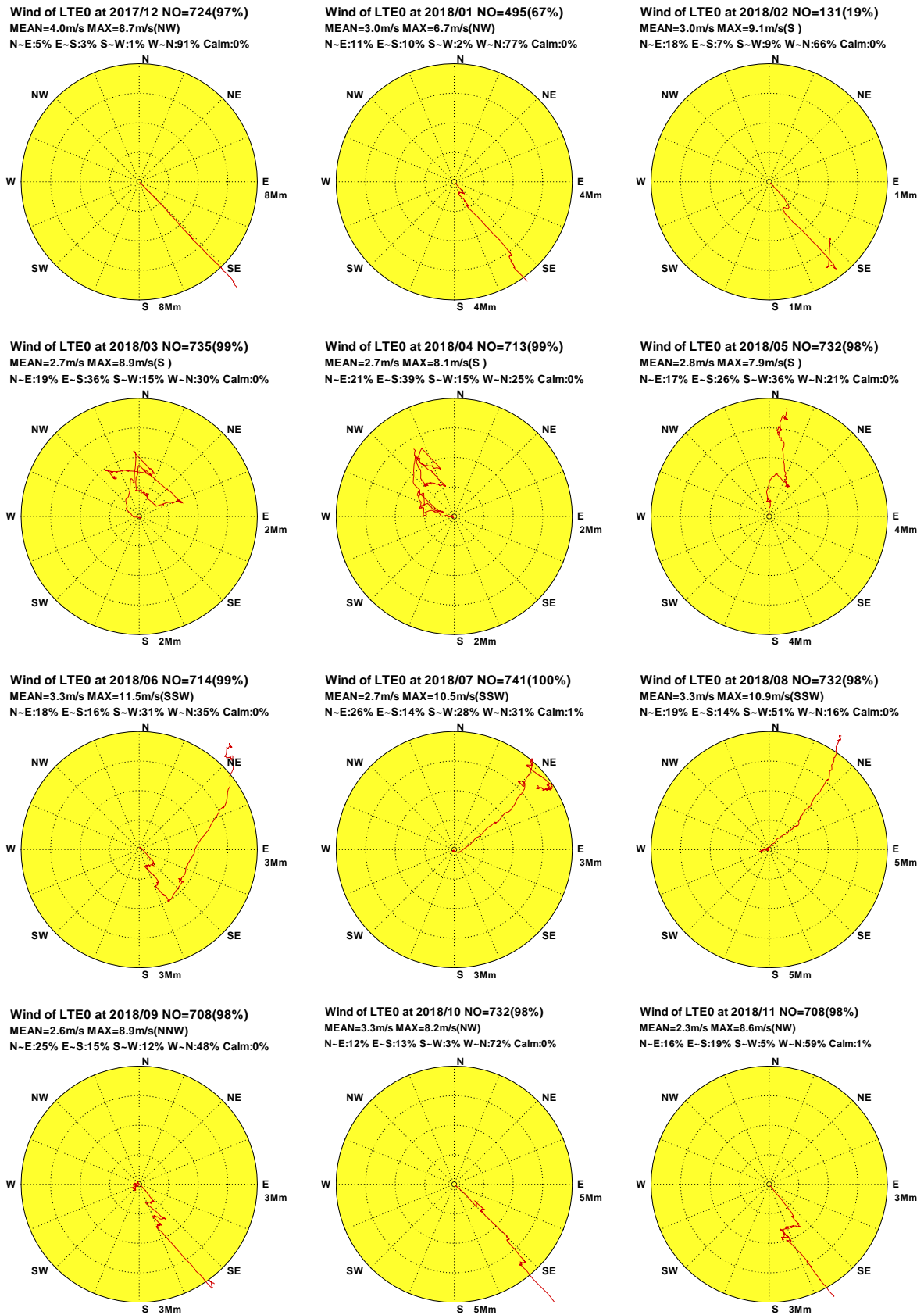


圖1.6.3 2018年臺東海域每月 E 站修補前觀測風力向量行進圖

W17CLTE0.1H0 W181LTE0.1H0 W182LTE0.1H0 W183LTE0.1H0 W184LTE0.1H0 W185LTE0.1H0
W186LTE0.1H0 W187LTE0.1H0 W188LTE0.1H0 W189LTE0.1H0 W18ALTE0.1H0 W18BLTE0.1H0

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Progressive Vector Diagram of Wind

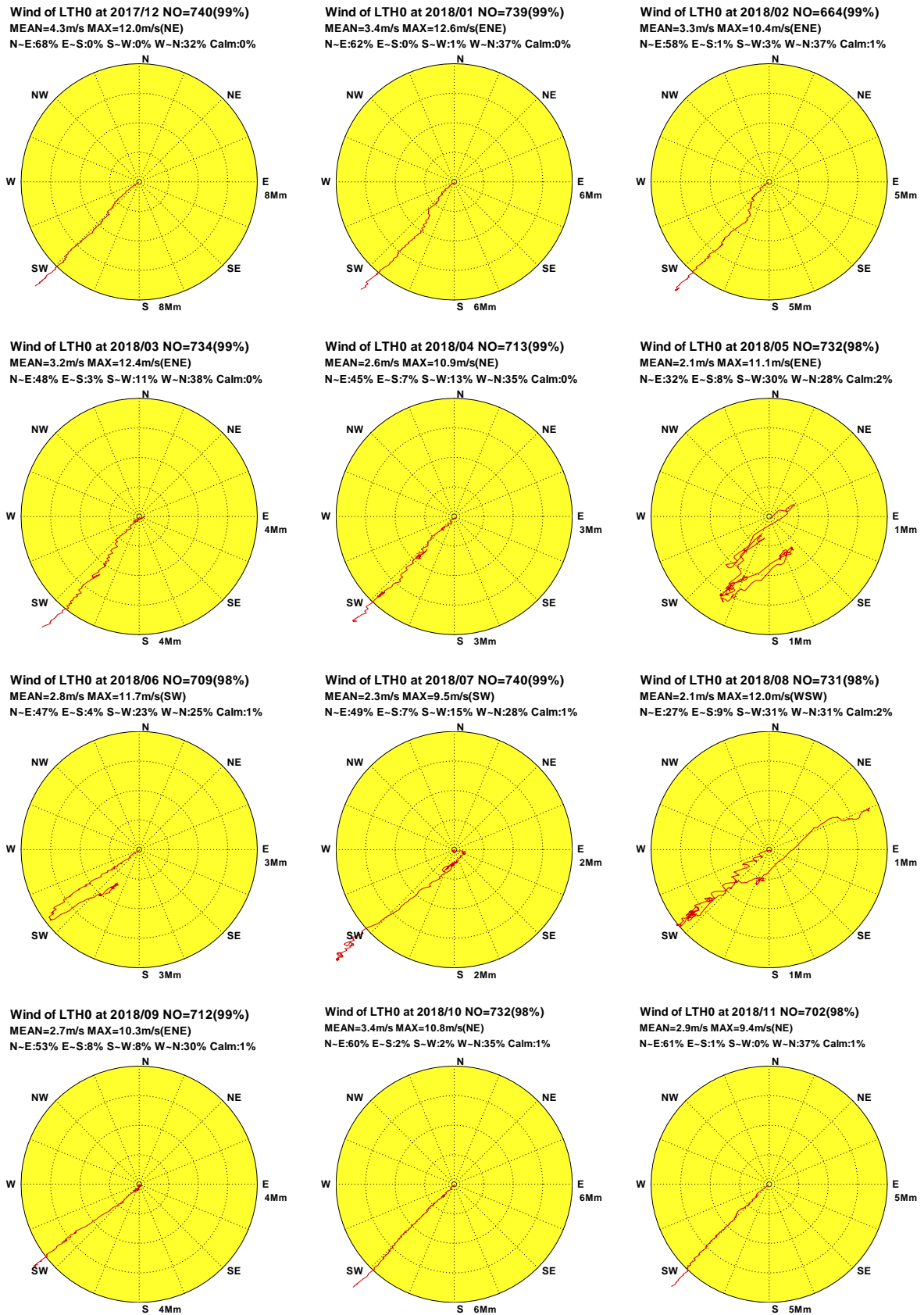


圖1.6.4 2018年臺東海域每月 H 站修補前觀測風力向量行進圖

W17CLTH0.1H0 W181LTH0.1H0 W182LTH0.1H0 W183LTH0.1H0 W184LTH0.1H0 W185LTH0.1H0
W186LTH0.1H0 W187LTH0.1H0 W188LTH0.1H0 W189LTH0.1H0 W18ALTH0.1H0 W18BLTH0.1H0

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Progressive Vector Diagram of Wind

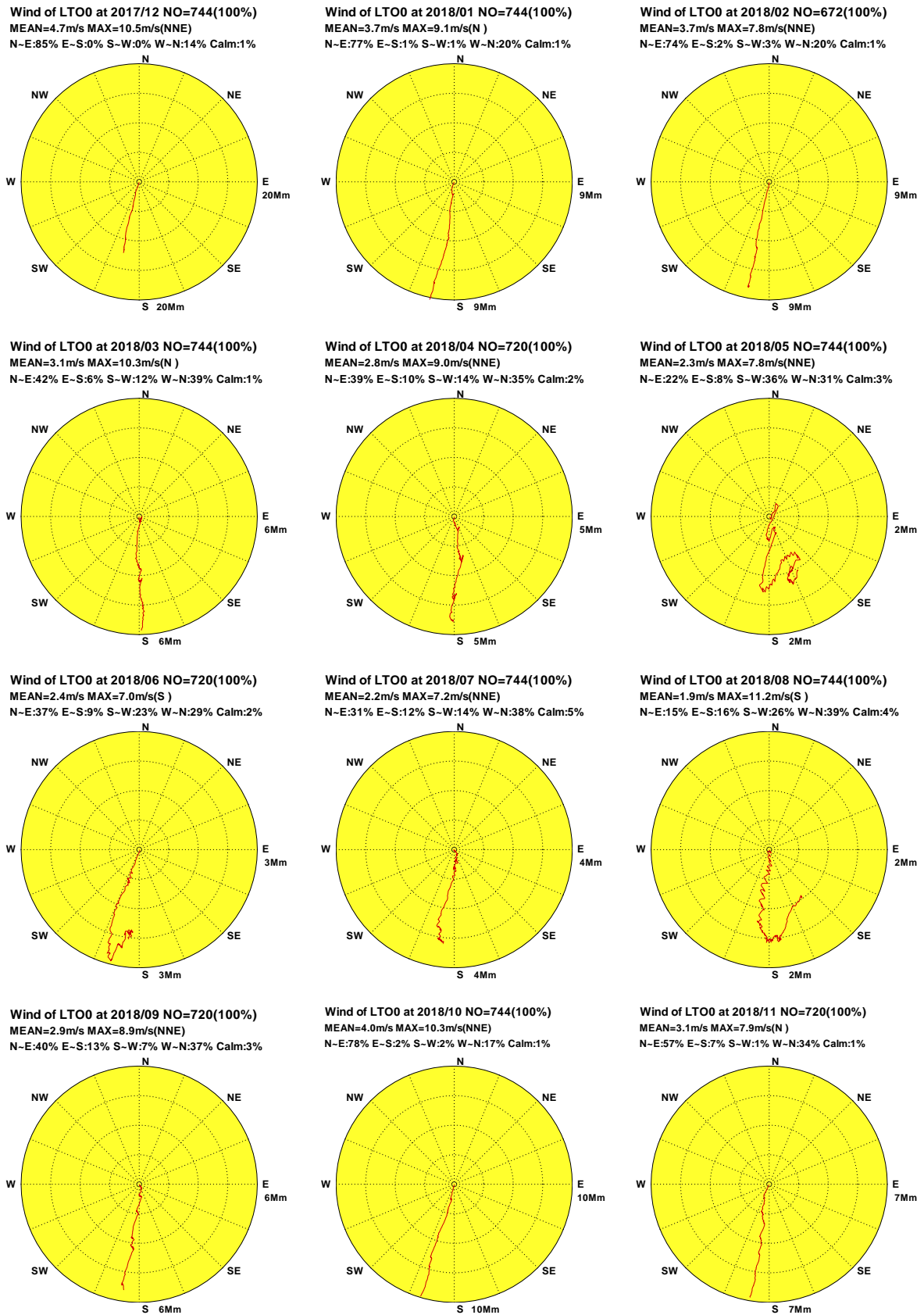


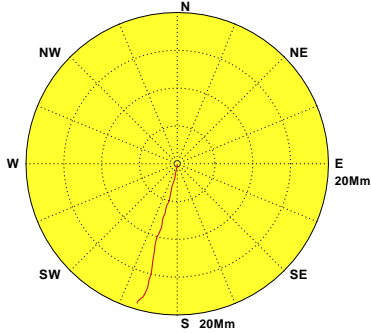
圖1.6.5 2018年臺東海域每月 O 站修補前觀測風力向量行進圖

W17CLTO0.1H0 W181LTO0.1H0 W182LTO0.1H0 W183LTO0.1H0 W184LTO0.1H0 W185LTO0.1H0
W186LTO0.1H0 W187LTO0.1H0 W188LTO0.1H0 W189LTO0.1H0 W18ALTO0.1H0 W18BLTO0.1H0

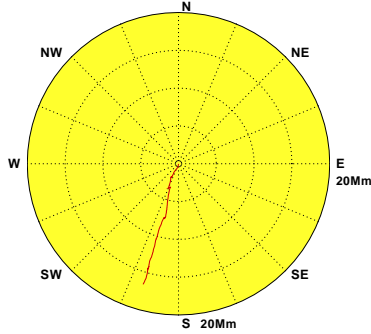
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Progressive Vector Diagram of Wind

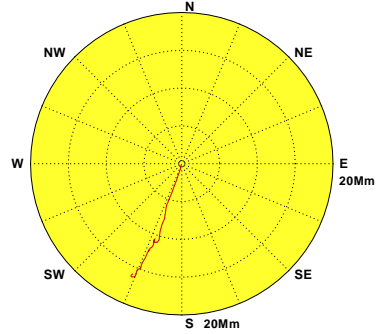
Wind of LTB0 at 2017/12 NO=744(100%)
 MEAN=7.4m/s MAX=25.8m/s(NNE)
 N-E:97% E-S:0% S-W:0% W-N:3% Calm:0%



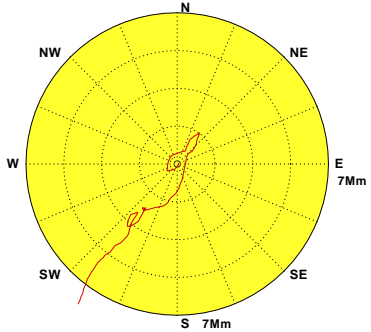
Wind of LTB0 at 2018/01 NO=744(100%)
 MEAN=6.9m/s MAX=19.2m/s(NNE)
 N-E:91% E-S:2% S-W:4% W-N:3% Calm:0%



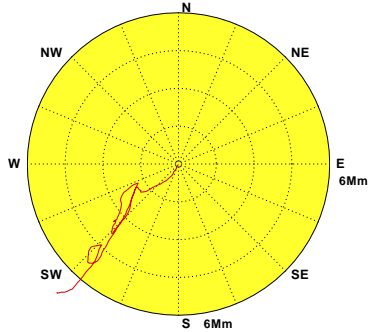
Wind of LTB0 at 2018/02 NO=672(100%)
 MEAN=7.9m/s MAX=25.5m/s(NNE)
 N-E:85% E-S:5% S-W:7% W-N:3% Calm:0%



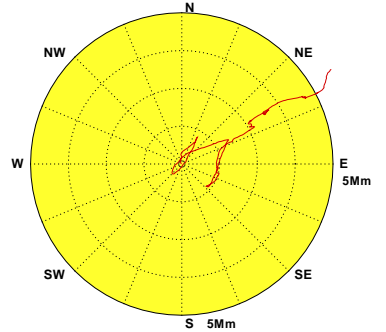
Wind of LTB0 at 2018/03 NO=744(100%)
 MEAN=5.9m/s MAX=14.4m/s(SW)
 N-E:79% E-S:2% S-W:17% W-N:2% Calm:0%



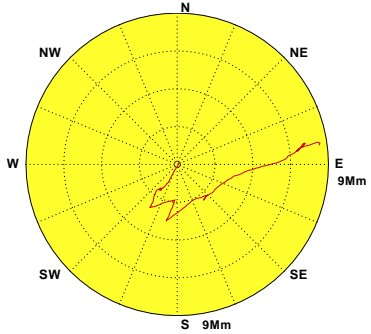
Wind of LTB0 at 2018/04 NO=720(100%)
 MEAN=5.7m/s MAX=20.5m/s(NNE)
 N-E:73% E-S:9% S-W:18% W-N:0% Calm:0%



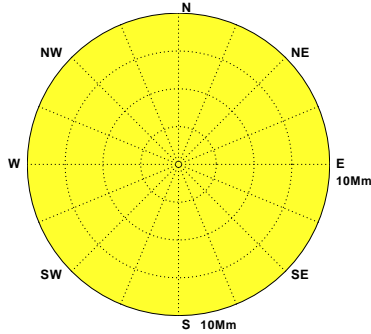
Wind of LTB0 at 2018/05 NO=744(100%)
 MEAN=5.4m/s MAX=21.9m/s(W)
 N-E:27% E-S:11% S-W:60% W-N:2% Calm:0%



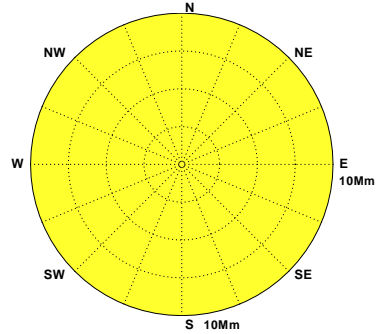
Wind of LTB0 at 2018/06 NO=720(100%)
 MEAN=7.5m/s MAX=23.0m/s(SW)
 N-E:42% E-S:2% S-W:52% W-N:4% Calm:0%



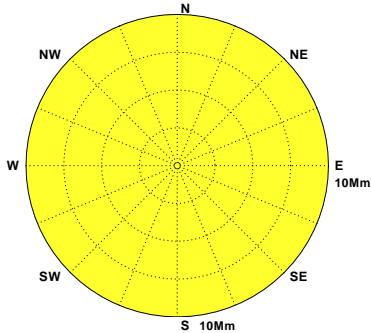
Wind of LTB0 at 2018/07



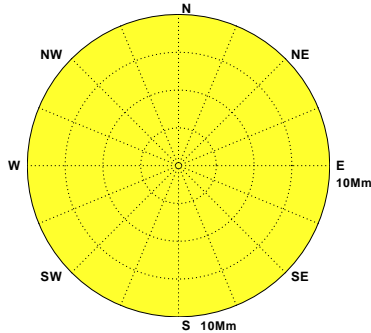
Wind of LTB0 at 2018/08



Wind of LTB0 at 2018/09



Wind of LTB0 at 2018/10



Wind of LTB0 at 2018/11

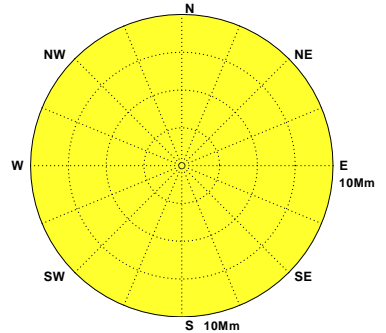


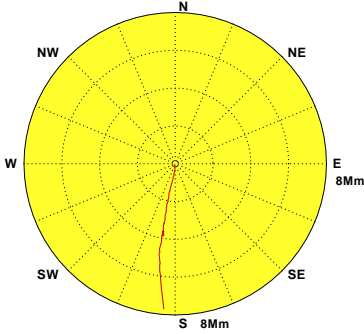
圖1.6.6 2018年臺東海域每月B站修補前觀測風力向量行進圖

W17CLTB0.1H0 W181LTB0.1H0 W182LTB0.1H0 W183LTB0.1H0 W184LTB0.1H0 W185LTB0.1H0
 W186LTB0.1H0 W187LTB0.1H0 W188LTB0.1H0 W189LTB0.1H0 W18ALTB0.1H0 W18BLTB0.1H0

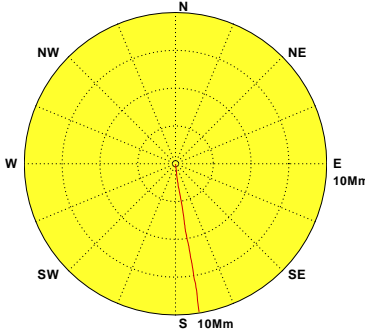
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Progressive Vector Diagram of Wind

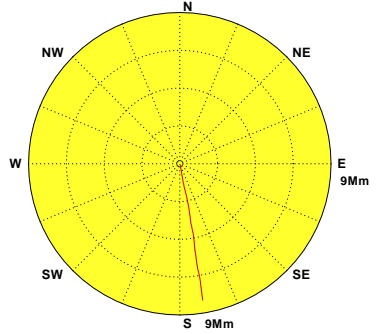
Wind of LTM0 at 2017/12 NO=559(75%)
 MEAN=4.1m/s MAX=13.1m/s(N)
 N-E:40% E-S:3% S-W:1% W-N:55% Calm:1%



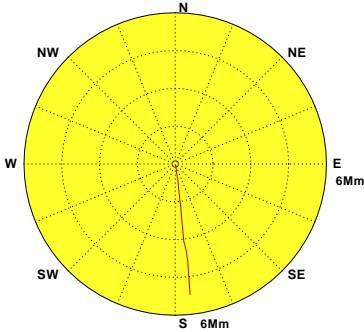
Wind of LTM0 at 2018/01 NO=710(95%)
 MEAN=3.9m/s MAX=11.4m/s(NNW)
 N-E:3% E-S:0% S-W:0% W-N:95% Calm:2%



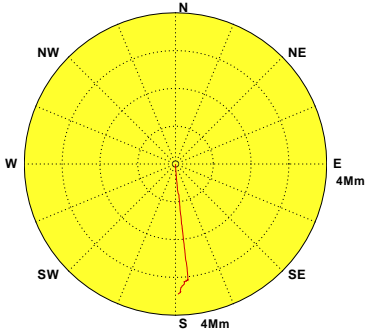
Wind of LTM0 at 2018/02 NO=656(98%)
 MEAN=3.5m/s MAX=10.1m/s(N)
 N-E:3% E-S:0% S-W:0% W-N:93% Calm:4%



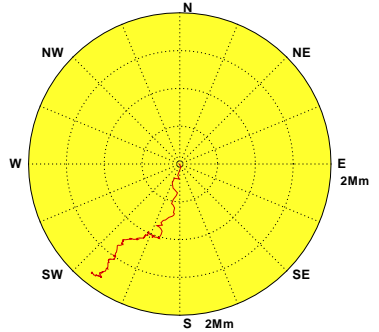
Wind of LTM0 at 2018/03 NO=689(93%)
 MEAN=2.1m/s MAX=7.7m/s(NNW)
 N-E:2% E-S:0% S-W:0% W-N:94% Calm:4%



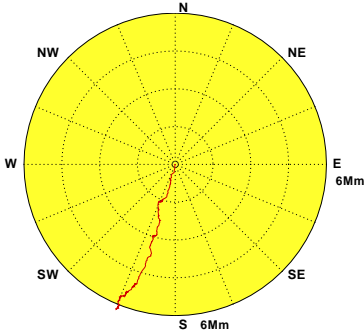
Wind of LTM0 at 2018/04 NO=500(69%)
 MEAN=2.0m/s MAX=9.3m/s(NNW)
 N-E:12% E-S:1% S-W:0% W-N:82% Calm:5%



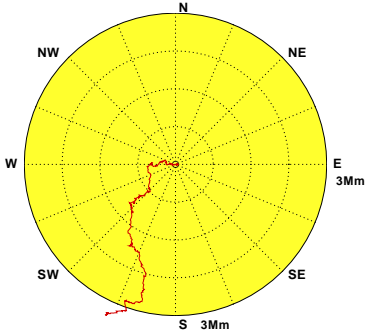
Wind of LTM0 at 2018/05 NO=431(58%)
 MEAN=2.2m/s MAX=23.9m/s(NW)
 N-E:42% E-S:20% S-W:6% W-N:18% Calm:14%



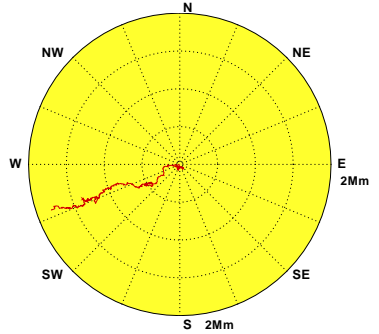
Wind of LTM0 at 2018/06 NO=682(95%)
 MEAN=3.6m/s MAX=20.7m/s(NNE)
 N-E:50% E-S:14% S-W:6% W-N:21% Calm:9%



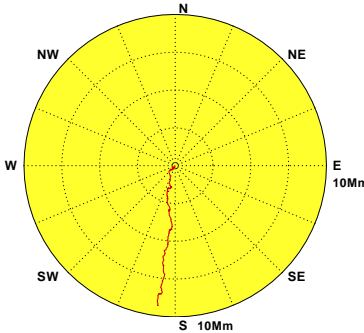
Wind of LTM0 at 2018/07 NO=706(95%)
 MEAN=2.9m/s MAX=16.3m/s(NNE)
 N-E:37% E-S:23% S-W:9% W-N:20% Calm:11%



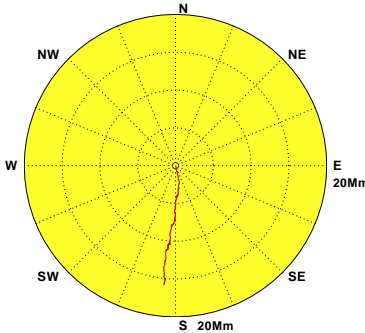
Wind of LTM0 at 2018/08 NO=720(97%)
 MEAN=1.8m/s MAX=7.9m/s(NNE)
 N-E:36% E-S:28% S-W:10% W-N:16% Calm:10%



Wind of LTM0 at 2018/09 NO=663(92%)
 MEAN=5.2m/s MAX=25.8m/s(NW)
 N-E:44% E-S:14% S-W:4% W-N:28% Calm:10%



Wind of LTM0 at 2018/10 NO=738(99%)
 MEAN=7.5m/s MAX=29.8m/s(N)
 N-E:48% E-S:9% S-W:3% W-N:35% Calm:5%



Wind of LTM0 at 2018/11 NO=637(88%)
 MEAN=6.8m/s MAX=28.7m/s(NNE)
 N-E:57% E-S:11% S-W:4% W-N:26% Calm:2%

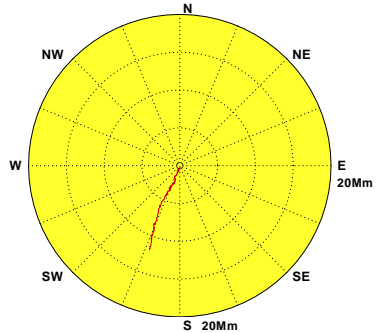


圖1.6.7 2018年臺東海域每月 M 站修補前觀測風力向量行進圖

W17CLTM0.1H0 W181LTM0.1H0 W182LTM0.1H0 W183LTM0.1H0 W184LTM0.1H0 W185LTM0.1H0
 W186LTM0.1H0 W187LTM0.1H0 W188LTM0.1H0 W189LTM0.1H0 W18ALTM0.1H0 W18BLTM0.1H0

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Progressive Vector Diagram of Wind

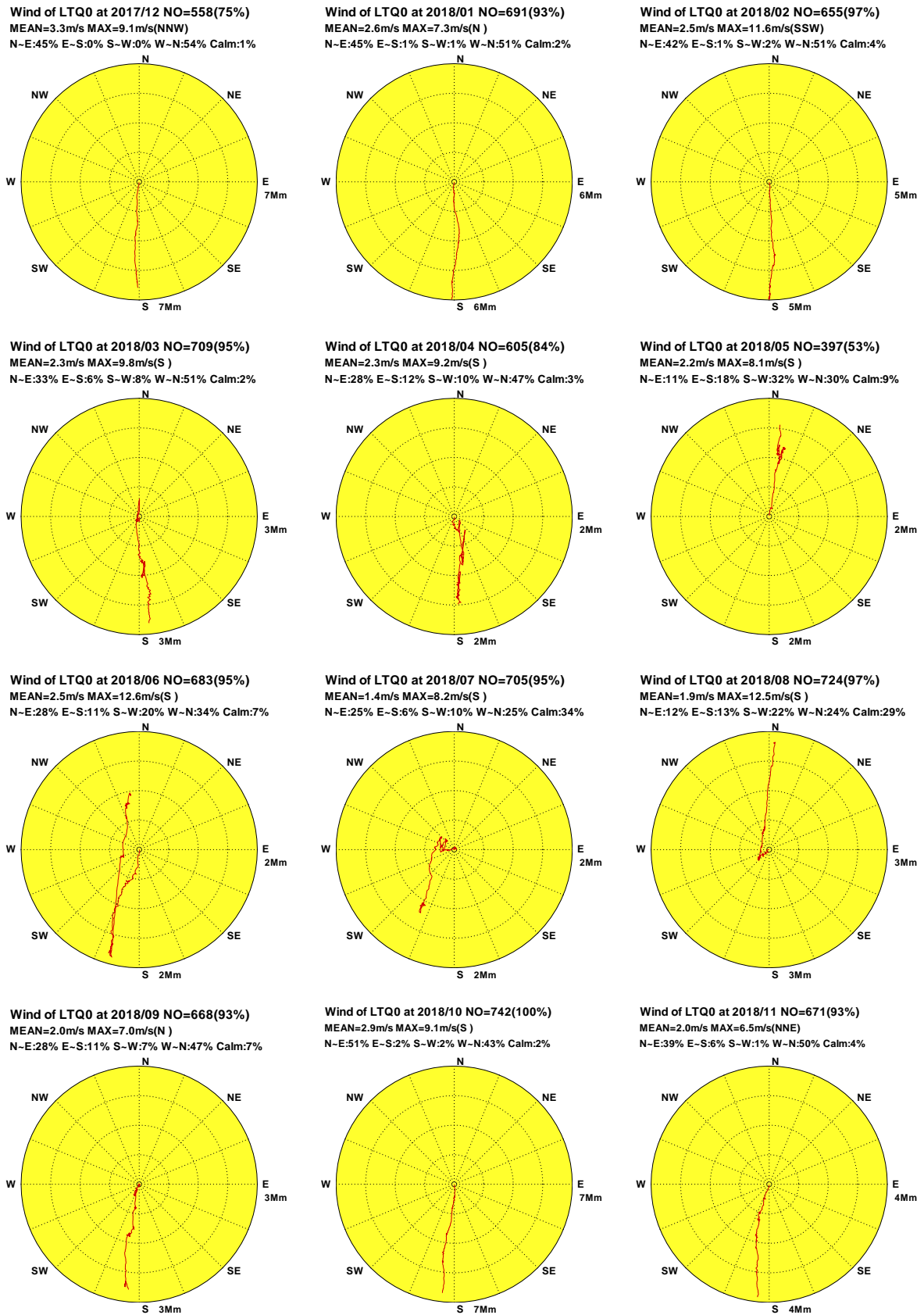


圖1.6.8 2018年臺東海域每月 Q 站修補前觀測風力向量行進圖

W17CLTQ0.1H0 W181LTQ0.1H0 W182LTQ0.1H0 W183LTQ0.1H0 W184LTQ0.1H0 W185LTQ0.1H0
W186LTQ0.1H0 W187LTQ0.1H0 W188LTQ0.1H0 W189LTQ0.1H0 W18ALTQ0.1H0 W18BLTQ0.1H0

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Progressive Vector Diagram of Wind

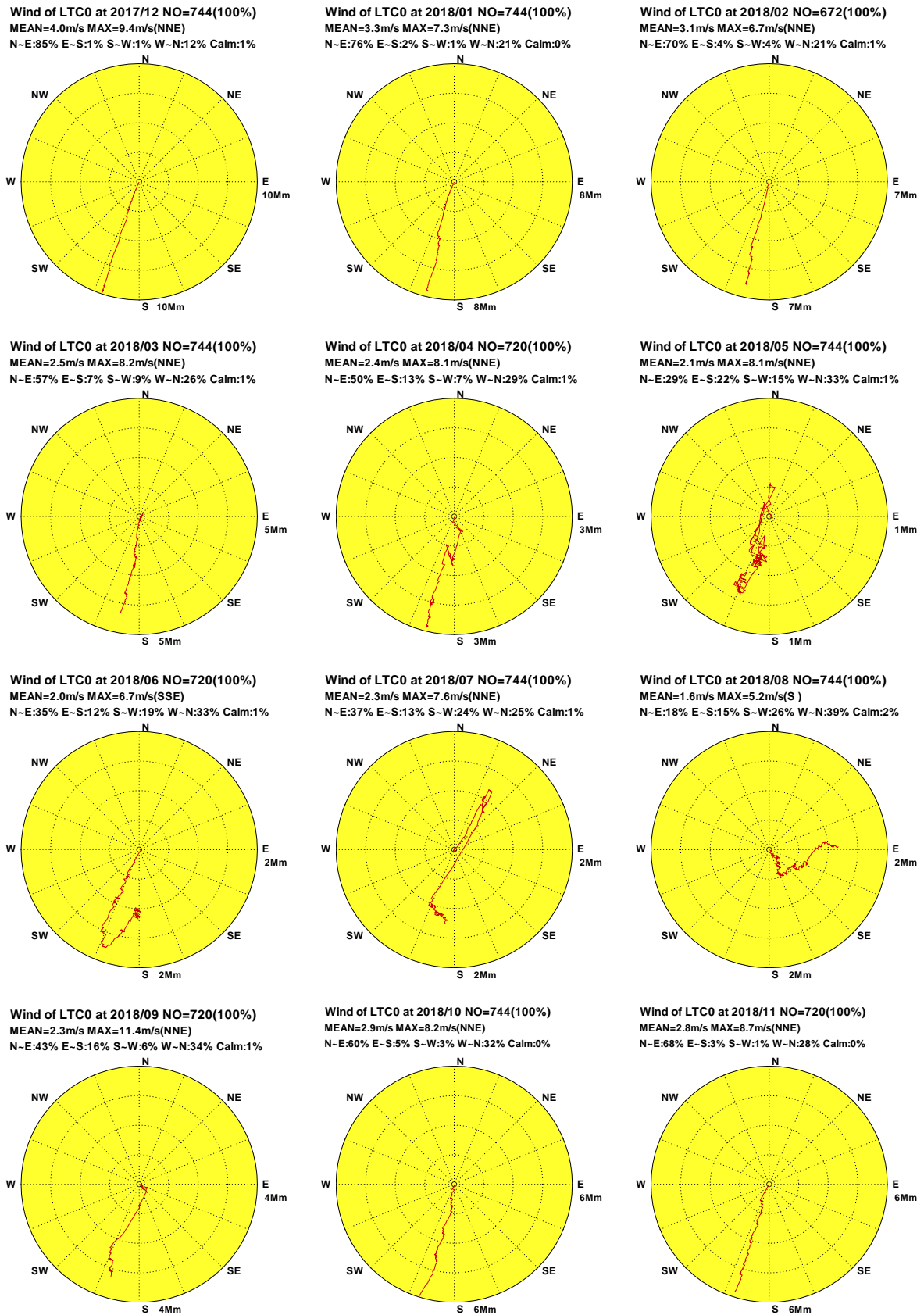


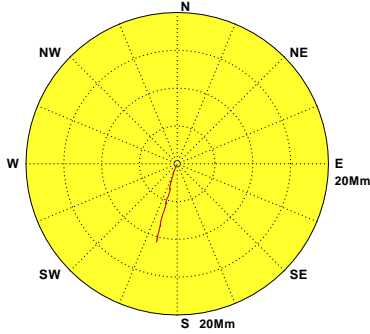
圖1.6.9 2018年臺東海域每月C站修補前觀測風力向量行進圖

W17CLTC0.1H0 W181LTC0.1H0 W182LTC0.1H0 W183LTC0.1H0 W184LTC0.1H0 W185LTC0.1H0
W186LTC0.1H0 W187LTC0.1H0 W188LTC0.1H0 W189LTC0.1H0 W18ALTC0.1H0 W18BLTC0.1H0

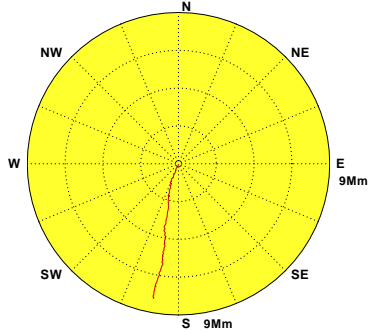
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Progressive Vector Diagram of Wind

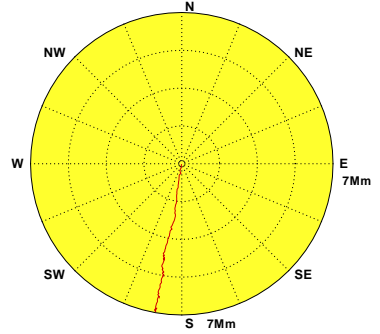
Wind of LTI0 at 2017/12 NO=722(97%)
 MEAN=4.4m/s MAX=8.4m/s(NNE)
 N-E:79% E-S:1% S-W:0% W-N:20% Calm:0%



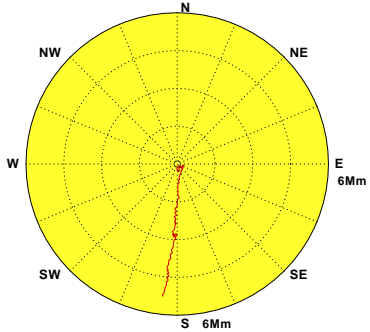
Wind of LTI0 at 2018/01 NO=719(97%)
 MEAN=3.5m/s MAX=7.4m/s(NNE)
 N-E:66% E-S:2% S-W:1% W-N:31% Calm:0%



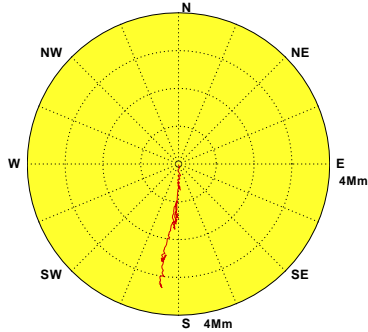
Wind of LTI0 at 2018/02 NO=649(97%)
 MEAN=3.4m/s MAX=7.8m/s(S)
 N-E:61% E-S:3% S-W:2% W-N:34% Calm:0%



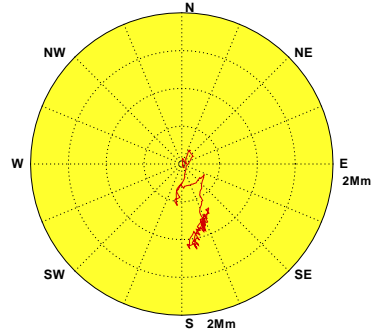
Wind of LTI0 at 2018/03 NO=726(98%)
 MEAN=3.0m/s MAX=9.0m/s(S)
 N-E:44% E-S:7% S-W:4% W-N:45% Calm:0%



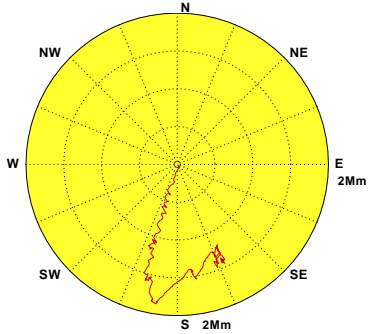
Wind of LTI0 at 2018/04 NO=703(98%)
 MEAN=2.8m/s MAX=11.6m/s(S)
 N-E:37% E-S:14% S-W:5% W-N:44% Calm:0%



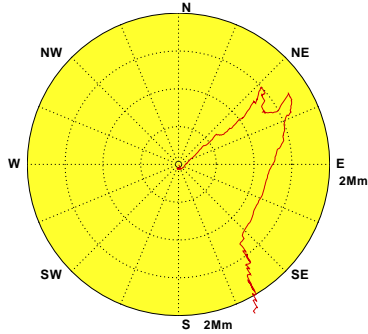
Wind of LTI0 at 2018/05 NO=735(99%)
 MEAN=2.6m/s MAX=11.7m/s(S)
 N-E:24% E-S:22% S-W:11% W-N:43% Calm:0%



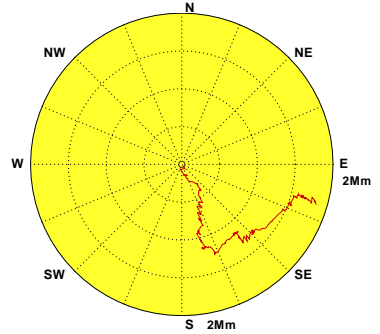
Wind of LTI0 at 2018/06 NO=697(97%)
 MEAN=2.3m/s MAX=8.7m/s(SSE)
 N-E:28% E-S:12% S-W:18% W-N:41% Calm:1%



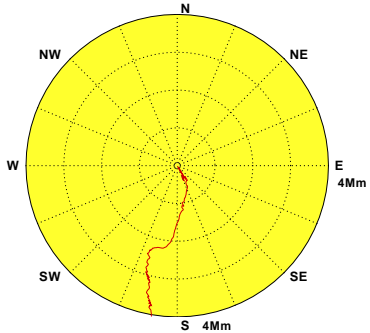
Wind of LTI0 at 2018/07 NO=732(98%)
 MEAN=2.7m/s MAX=7.3m/s(SSW)
 N-E:29% E-S:12% S-W:20% W-N:39% Calm:0%



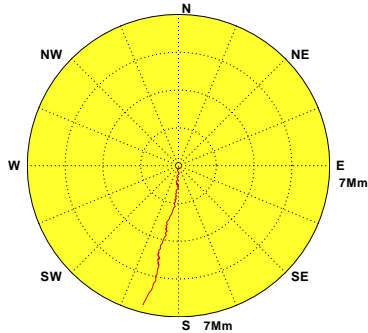
Wind of LTI0 at 2018/08 NO=736(99%)
 MEAN=2.1m/s MAX=7.8m/s(S)
 N-E:12% E-S:14% S-W:22% W-N:51% Calm:1%



Wind of LTI0 at 2018/09 NO=710(99%)
 MEAN=2.6m/s MAX=10.6m/s(NNE)
 N-E:32% E-S:18% S-W:2% W-N:48% Calm:0%



Wind of LTI0 at 2018/10 NO=732(98%)
 MEAN=3.0m/s MAX=9.6m/s(NNE)
 N-E:51% E-S:5% S-W:1% W-N:43% Calm:0%



Wind of LTI0 at 2018/11 NO=707(98%)
 MEAN=2.8m/s MAX=8.5m/s(NNE)
 N-E:59% E-S:4% S-W:0% W-N:37% Calm:0%

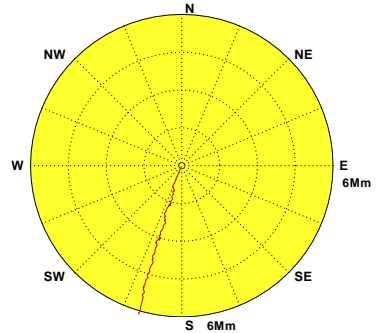


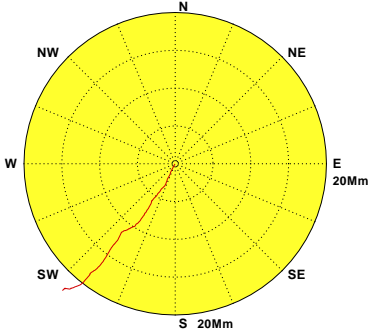
圖 1.6.100 2018年臺東海域每月 I 站修補前觀測風力向量行進圖

W17CLTI0.1H0 W181LTI0.1H0 W182LTI0.1H0 W183LTI0.1H0 W184LTI0.1H0 W185LTI0.1H0
 W186LTI0.1H0 W187LTI0.1H0 W188LTI0.1H0 W189LTI0.1H0 W18ALTIO.1H0 W18BLTI0.1H0

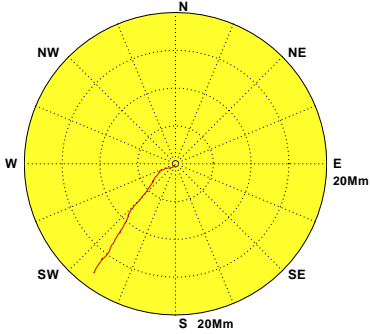
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Progressive Vector Diagram of Wind

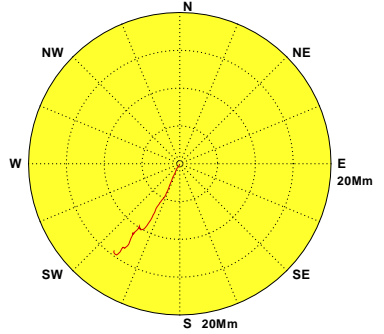
Wind of LTZ0 at 2017/12 NO=736(99%)
 MEAN=9.0m/s MAX=15.9m/s(NNE)
 N-E:95% E-S:5% S-W:0% W-N:0% Calm:0%



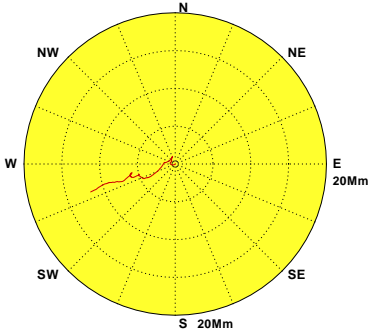
Wind of LTZ0 at 2018/01 NO=725(97%)
 MEAN=7.5m/s MAX=12.8m/s(NNE)
 N-E:93% E-S:2% S-W:3% W-N:2% Calm:0%



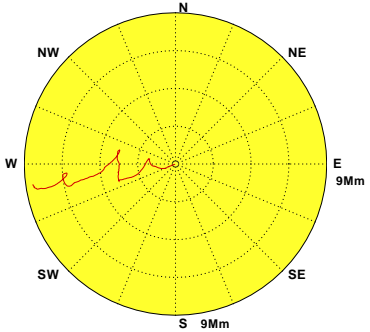
Wind of LTZ0 at 2018/02 NO=644(96%)
 MEAN=7.5m/s MAX=12.9m/s(NNE)
 N-E:79% E-S:13% S-W:7% W-N:1% Calm:0%



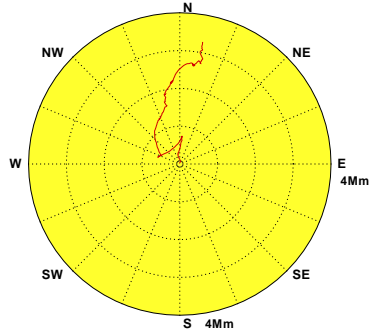
Wind of LTZ0 at 2018/03 NO=722(97%)
 MEAN=6.3m/s MAX=13.1m/s(NNE)
 N-E:65% E-S:23% S-W:11% W-N:1% Calm:0%



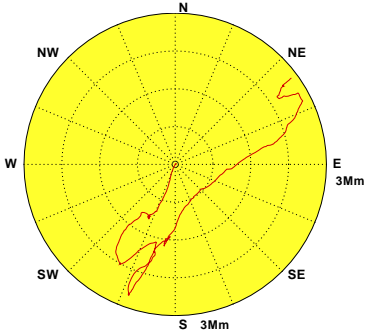
Wind of LTZ0 at 2018/04 NO=710(99%)
 MEAN=5.5m/s MAX=14.4m/s(NNE)
 N-E:55% E-S:33% S-W:11% W-N:1% Calm:0%



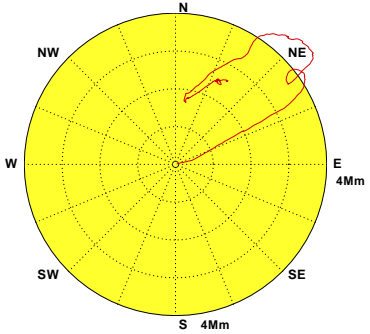
Wind of LTZ0 at 2018/05 NO=449(60%)
 MEAN=3.8m/s MAX=13.5m/s(SW)
 N-E:10% E-S:25% S-W:60% W-N:5% Calm:0%



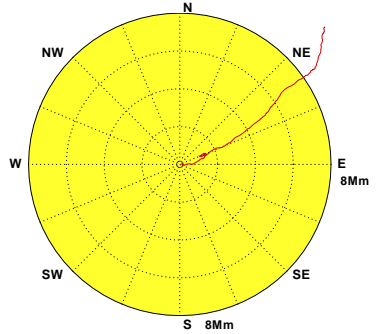
Wind of LTZ0 at 2018/06 NO=648(90%)
 MEAN=5.2m/s MAX=13.3m/s(SSW)
 N-E:34% E-S:10% S-W:52% W-N:4% Calm:0%



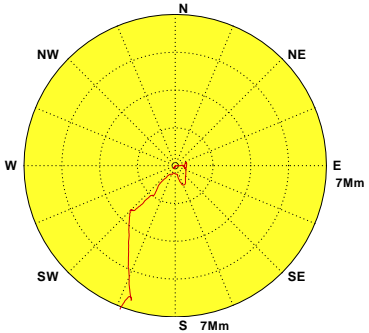
Wind of LTZ0 at 2018/07 NO=663(89%)
 MEAN=5.6m/s MAX=15.7m/s(SW)
 N-E:29% E-S:20% S-W:42% W-N:9% Calm:0%



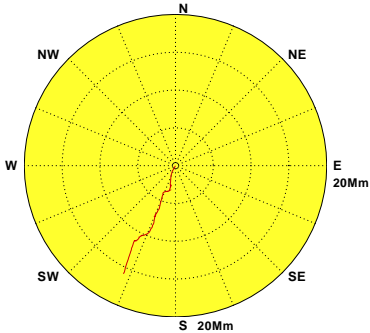
Wind of LTZ0 at 2018/08 NO=674(91%)
 MEAN=5.3m/s MAX=12.2m/s(SW)
 N-E:9% E-S:7% S-W:79% W-N:5% Calm:0%



Wind of LTZ0 at 2018/09 NO=597(83%)
 MEAN=5.3m/s MAX=15.7m/s(N)
 N-E:51% E-S:17% S-W:13% W-N:19% Calm:0%



Wind of LTZ0 at 2018/10 NO=736(99%)
 MEAN=6.8m/s MAX=13.9m/s(NNE)
 N-E:84% E-S:7% S-W:3% W-N:6% Calm:0%



Wind of LTZ0 at 2018/11 NO=660(92%)
 MEAN=6.0m/s MAX=14.6m/s(NNE)
 N-E:92% E-S:3% S-W:3% W-N:2% Calm:0%

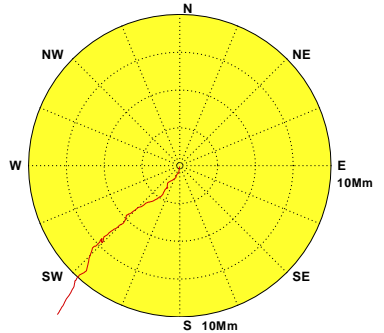


圖1.6.111 2018年臺東海域每月乙站修補前觀測風力向量行進圖

W17CLTZ0.1H0 W181LTZ0.1H0 W182LTZ0.1H0 W183LTZ0.1H0 W184LTZ0.1H0 W185LTZ0.1H0
 W186LTZ0.1H0 W187LTZ0.1H0 W188LTZ0.1H0 W189LTZ0.1H0 W18ALTZ0.1H0 W18BLTZ0.1H0

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第二章 2018 年臺東海域觀測波浪資料年報

臺東海域波浪觀測包括測站 X、測站 Y、測站 Z 及測站 R 等 4 個測站(測站位置如第 0 章圖 VJ1)。本年報取經檢核及補遺之 Y 站資料作為主要測站 1，X 站資料作為主要測站 2。

2.1 2018 年臺東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 年臺東海域各測站修補前

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年臺東海域**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年臺東海域**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年臺東海域**各測站****修補前**每月波高向量分佈圖。

表 2.1.1a 2018年每月臺東海域修補前各測站觀測波浪資料紀錄表

海域	臺東海域	臺東海域	臺東海域	臺東海域	臺東海域	臺東海域	臺東海域	臺東海域	臺東海域	臺東海域	臺東海域	臺東海域
年月/測站	Y	X	Z	R								
2017/12月	727(97.7%)	744(100%)	744(100%)	*	*	*	*	*	*	*	*	*
2018/ 1月	735(98.8%)	744(100%)	743(99.9%)	*	*	*	*	*	*	*	*	*
2018/ 2月	659(98.1%)	672(100%)	672(100%)	*	*	*	*	*	*	*	*	*
2018/ 3月	732(98.4%)	222(29.8%)	744(100%)	*	*	*	*	*	*	*	*	*
2018/ 4月	710(98.6%)	*	714(99.2%)	*	*	*	*	*	*	*	*	*
2018/ 5月	729(98.0%)	404(54.3%)	744(100%)	*	*	*	*	*	*	*	*	*
2018/ 6月	692(96.1%)	720(100%)	720(100%)	*	*	*	*	*	*	*	*	*
2018/ 7月	696(93.5%)	732(98.4%)	744(100%)	*	*	*	*	*	*	*	*	*
2018/ 8月	721(96.9%)	743(99.9%)	742(99.7%)	*	*	*	*	*	*	*	*	*
2018/ 9月	689(95.7%)	472(65.6%)	714(99.2%)	*	*	*	*	*	*	*	*	*
2018/10月	736(98.9%)	740(99.5%)	739(99.3%)	*	*	*	*	*	*	*	*	*
2018/11月	718(99.7%)	539(74.9%)	708(98.3%)	*	*	*	*	*	*	*	*	*
2018/冬季	2121(98.2%)	2160(100%)	2159(99.9%)	*	*	*	*	*	*	*	*	*
2018/春季	2171(98.3%)	626(28.4%)	2202(99.7%)	*	*	*	*	*	*	*	*	*
2018/夏季	2109(95.5%)	2195(99.4%)	2206(99.9%)	*	*	*	*	*	*	*	*	*
2018/秋季	2143(98.1%)	1751(80.2%)	2161(98.9%)	*	*	*	*	*	*	*	*	*
2018/整年	8544(97.5%)	6732(76.8%)	8728(99.6%)	*	*	*	*	*	*	*	*	*
起始年月	2017/12	2017/12	2017/12	*	*	*	*	*	*	*	*	*
結束年月	2018/11	2018/11	2018/11	*	*	*	*	*	*	*	*	*

2-1-3

表 2.1.1b 2018年每月臺東海域修補後各測站波浪資料紀錄表

海域	臺東海域	臺東海域	臺東海域	臺東海域	臺東海域	臺東海域	臺東海域	臺東海域	臺東海域	臺東海域	臺東海域	臺東海域
年月/測站	Y	X										
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	*	*	*	*	*	*	*	*	*	*

2-1-4

表2.1.2 2018年臺東海域主要測站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	最大	<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%	2.15	4.1/ 8.6/ENE	7.1	8.9	.0	17.2	72.7	10.1	5.9	84.9	9.1	.0	100%	51.2	48.0	.8	.0	E /33%
2018/01	100%	1.63	2.8/ 7.1/E	6.3	7.8	.0	44.1	55.9	.0	24.6	75.4	.0	.0	100%	40.3	59.7	.0	.0	E /33%
2018/02	100%	1.54	3.0/ 6.8/E	6.3	7.7	.0	46.7	53.1	.1	25.4	74.6	.0	.0	100%	35.4	63.8	.7	.0	E /35%
2018/03	100%	1.24	3.2/ 8.8/ENE	6.2	8.8	.0	79.8	19.9	.3	32.9	66.3	.8	.0	100%	22.4	75.7	1.9	.0	E /37%
2018/04	100%	1.17	3.1/ 6.9/ENE	6.3	10.0	.0	81.1	18.8	.1	42.8	46.7	10.4	.1	100%	30.7	66.8	2.5	.0	E /33%
2018/05	100%	.77	2.0/ 5.0/ESE	6.0	9.6	24.2	73.0	2.8	.0	49.6	48.3	2.2	.0	100%	23.8	71.4	4.7	.1	ESE/32%
2018/06	100%	.92	2.5/ 6.7/S	5.7	8.9	19.7	68.3	11.9	.0	55.3	43.9	.8	.0	100%	13.9	76.7	9.4	.0	SE /24%
2018/07	100%	1.05	4.0/13.0/ESE	6.5	13.0	9.4	73.4	16.9	.3	35.8	52.2	8.9	3.2	100%	16.3	66.7	16.9	.1	ESE/29%
2018/08	100%	.95	3.3/ 6.8/SSE	6.2	8.9	21.4	65.9	12.6	.1	39.0	59.8	1.2	.0	100%	16.9	72.8	10.2	.0	SSE/22%
2018/09	100%	1.70	10.4/13.1/S	7.6	13.7	19.9	43.1	17.9	19.2	25.0	36.7	22.2	16.1	100%	42.1	56.8	.8	.3	E /29%
2018/10	100%	1.70	5.7/10.8/ENE	6.8	11.3	.0	56.2	30.9	12.9	20.8	61.0	14.5	3.6	100%	76.6	23.3	.1	.0	ENE/51%
2018/11	100%	1.36	3.5/ 8.5/NE	6.4	9.7	.0	66.0	32.4	1.7	30.7	65.1	4.2	.0	100%	57.2	42.5	.3	.0	ENE/44%
2018/冬	100%	1.78	4.1/ 8.6/ENE	6.6	8.9	.0	35.6	60.8	3.5	18.4	78.4	3.1	.0	100%	42.5	56.9	.5	.0	E /34%
2018/春	100%	1.06	3.2/ 8.8/ENE	6.2	10.0	8.2	77.9	13.8	.1	41.8	53.8	4.4	.0	100%	25.6	71.3	3.0	.0	E /32%
2018/夏	100%	.98	4.0/13.0/ESE	6.2	13.0	16.8	69.2	13.9	.1	43.2	52.0	3.7	1.1	100%	15.7	72.0	12.2	.0	ESE/23%
2018/秋	100%	1.59	10.4/13.1/S	7.0	13.7	6.5	55.1	27.1	11.3	25.5	54.3	13.6	6.5	100%	58.8	40.7	.4	.1	ENE/41%
2018/年	100%	1.35	10.4/13.1/S	6.5	13.7	7.9	59.6	28.7	3.7	32.3	59.6	6.2	1.9	100%	35.6	60.3	4.1	.0	E /27%

表2.1.3 2018年臺東海域主要測站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 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	100%	.53	.9/ 6.6/NW	6.4	10.9	42.5	57.5	.0	.0	46.4	36.6	12.5	4.6	100%	.0	.0	40.2	59.8	WNW/32%
2018/01	100%	.41	1.0/ 5.6/NW	7.0	10.1	80.5	19.5	.0	.0	28.1	43.4	27.3	1.2	100%	.0	.0	55.5	44.5	WNW/24%
2018/02	100%	.47	1.3/ 3.8/SW	6.3	10.1	67.0	33.0	.0	.0	44.8	36.5	18.3	.4	100%	.0	.6	48.2	51.2	NW /27%
2018/03	100%	.47	1.5/ 4.3/SW	6.7	11.1	75.3	24.7	.0	.0	21.9	62.6	14.5	.9	100%	9.0	.7	82.5	7.8	SSW/34%
2018/04	100%	.55	.9/ 8.4/ENE	7.5	15.2	31.1	68.9	.0	.0	15.1	57.5	14.0	13.3	100%	30.7	16.9	52.2	.1	s /33%
2018/05	100%	.46	1.5/ 4.7/SSW	5.9	31.7	50.7	49.2	.1	.0	57.1	28.2	13.0	1.6	100%	.4	1.2	80.0	18.4	SSW/40%
2018/06	100%	.74	3.3/10.1/S	6.8	10.4	48.8	39.4	11.5	.3	33.2	24.4	41.3	1.1	100%	.0	.6	91.0	8.5	SSW/43%
2018/07	100%	.68	8.5/ 6.7/NNW	7.5	38.2	40.7	48.7	9.9	.7	31.6	23.1	39.1	6.2	100%	1.7	4.2	90.2	3.9	SW /49%
2018/08	100%	.90	3.2/ 6.0/S	7.5	10.8	27.8	58.5	13.4	.3	22.8	24.5	48.3	4.4	100%	.0	.1	99.7	.1	SSW/51%
2018/09	100%	.74	3.4/12.1/N	9.2	16.1	52.8	33.9	13.2	.1	13.9	32.8	16.5	36.8	100%	.3	18.5	75.0	6.3	SSW/29%
2018/10	100%	.41	1.1/15.0/SSW	7.0	16.2	76.1	23.9	.0	.0	58.7	20.3	3.6	17.3	100%	.1	.4	37.8	61.7	NW /30%
2018/11	100%	.41	.8/ 4.7/NW	6.7	12.7	84.4	15.6	.0	.0	27.2	53.5	16.9	2.4	100%	12.9	5.8	65.8	15.4	SSW/28%
2018/冬	100%	.47	1.3/ 3.8/SW	6.6	10.9	63.2	36.8	.0	.0	39.6	38.9	19.4	2.1	100%	.0	.2	48.0	51.9	WNW/25%
2018/春	100%	.49	1.5/ 4.7/SSW	6.7	31.7	52.6	47.4	.0	.0	31.6	49.4	13.9	5.2	100%	13.2	6.2	71.8	8.9	SSW/33%
2018/夏	100%	.77	8.5/ 6.7/NNW	7.3	38.2	39.0	49.0	11.6	.4	29.2	24.0	42.9	3.9	100%	.6	1.6	93.7	4.1	SSW/42%
2018/秋	100%	.52	3.4/12.1/N	7.6	16.2	71.2	24.5	4.3	.0	33.6	35.3	12.3	18.8	100%	4.4	8.2	59.3	28.2	SSW/20%
2018/年	100%	.56	8.5/ 6.7/NNW	7.0	38.2	56.4	39.5	4.0	.1	33.4	36.9	22.1	7.5	100%	4.6	4.0	68.3	23.1	SSW/27%

Wave H_s in Ta-Tung Seas of LTY0 at 2018

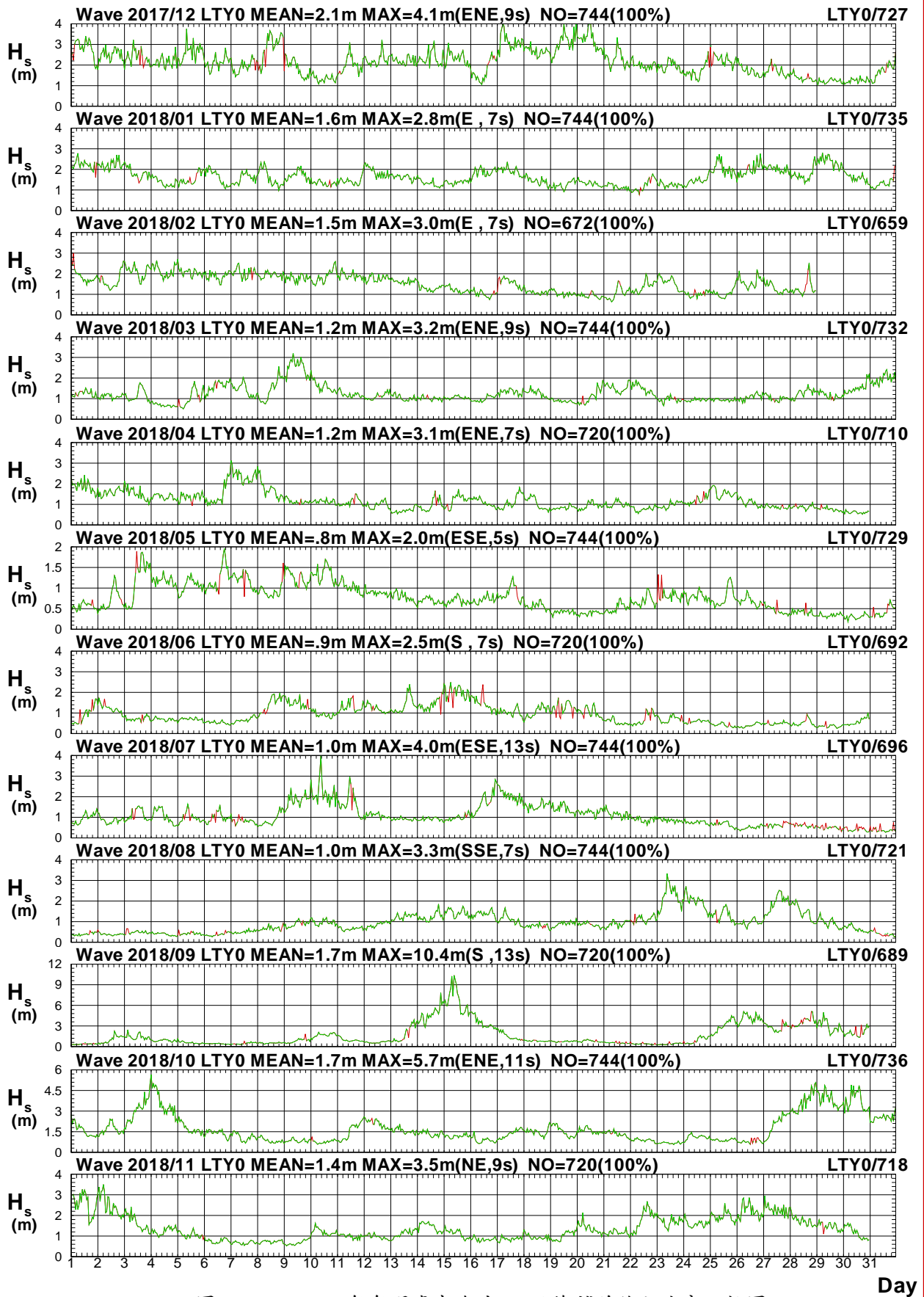


圖2.1.1a 2018年每月臺東海域 Y 站修補前後之波高比較圖

V17CLTY0.1HA V17CLTY0.1H0 V181LTY0.1HA V181LTY0.1H0 V182LTY0.1HA V182LTY0.1H0
 V183LTY0.1HA V183LTY0.1H0 V184LTY0.1HA V184LTY0.1H0 V185LTY0.1HA V185LTY0.1H0

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Wave T_p in Ta-Tung Seas of LTY0 at 2018

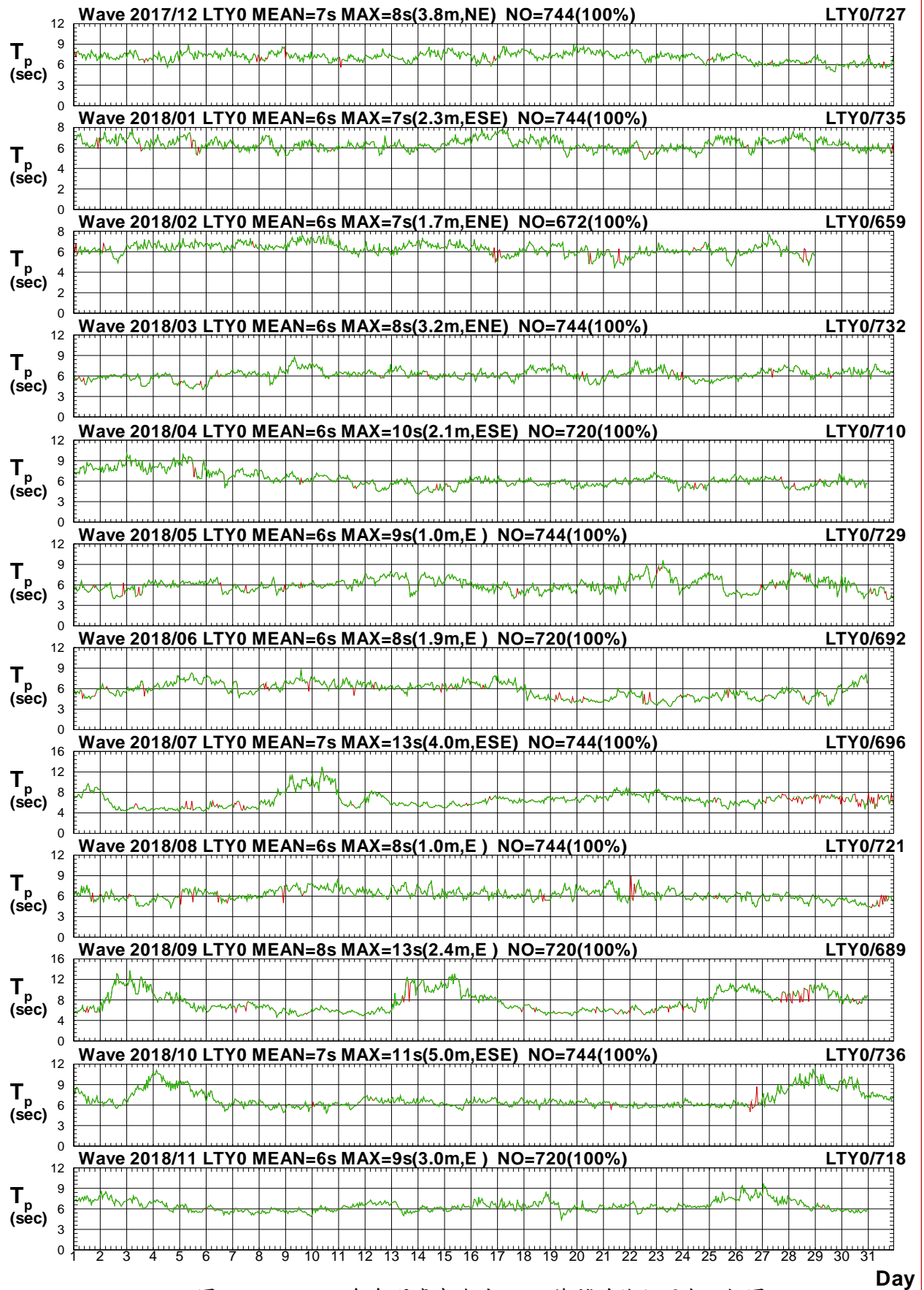


圖2.1.1b 2018年每月臺東海域 Y 站修補前後之週期比較圖

V17CLTY0.1HA V17CLTY0.1H0 V181LTY0.1HA V181LTY0.1H0 V182LTY0.1HA V182LTY0.1H0
 V183LTY0.1HA V183LTY0.1H0 V184LTY0.1HA V184LTY0.1H0 V185LTY0.1HA V185LTY0.1H0

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Wave Direction in Ta-Tung Seas of LTY0 at 2018

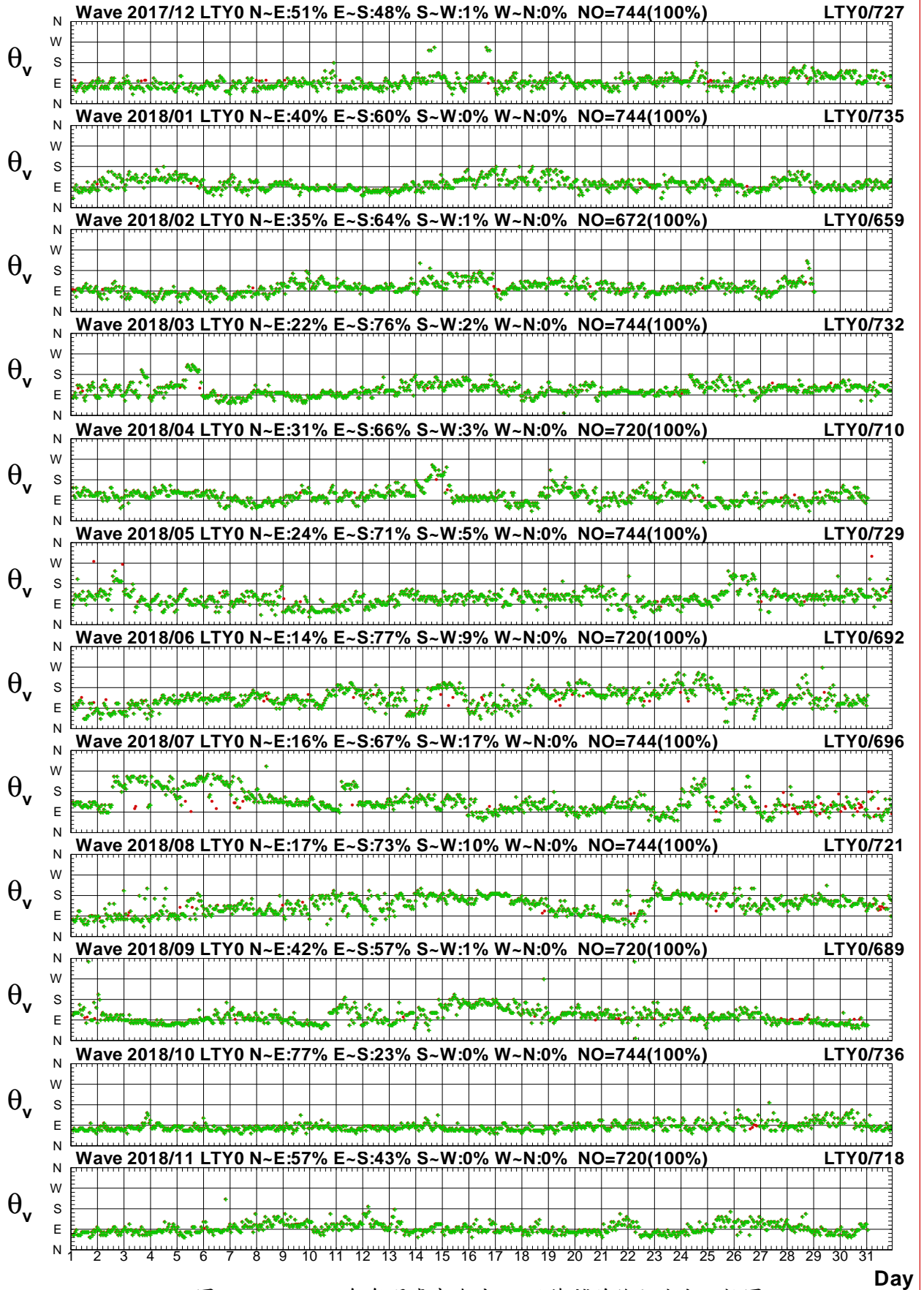


圖2.1.1c 2018年每月臺東海域 Y 站修補前後之波向比較圖

V17CLTY0.1HA V17CLTY0.1H0 V181LTY0.1HA V181LTY0.1H0 V182LTY0.1HA V182LTY0.1H0
 V183LTY0.1HA V183LTY0.1H0 V184LTY0.1HA V184LTY0.1H0 V185LTY0.1HA V185LTY0.1H0

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Wave H_s in Ta-Tung Seas of LTX0 at 2018

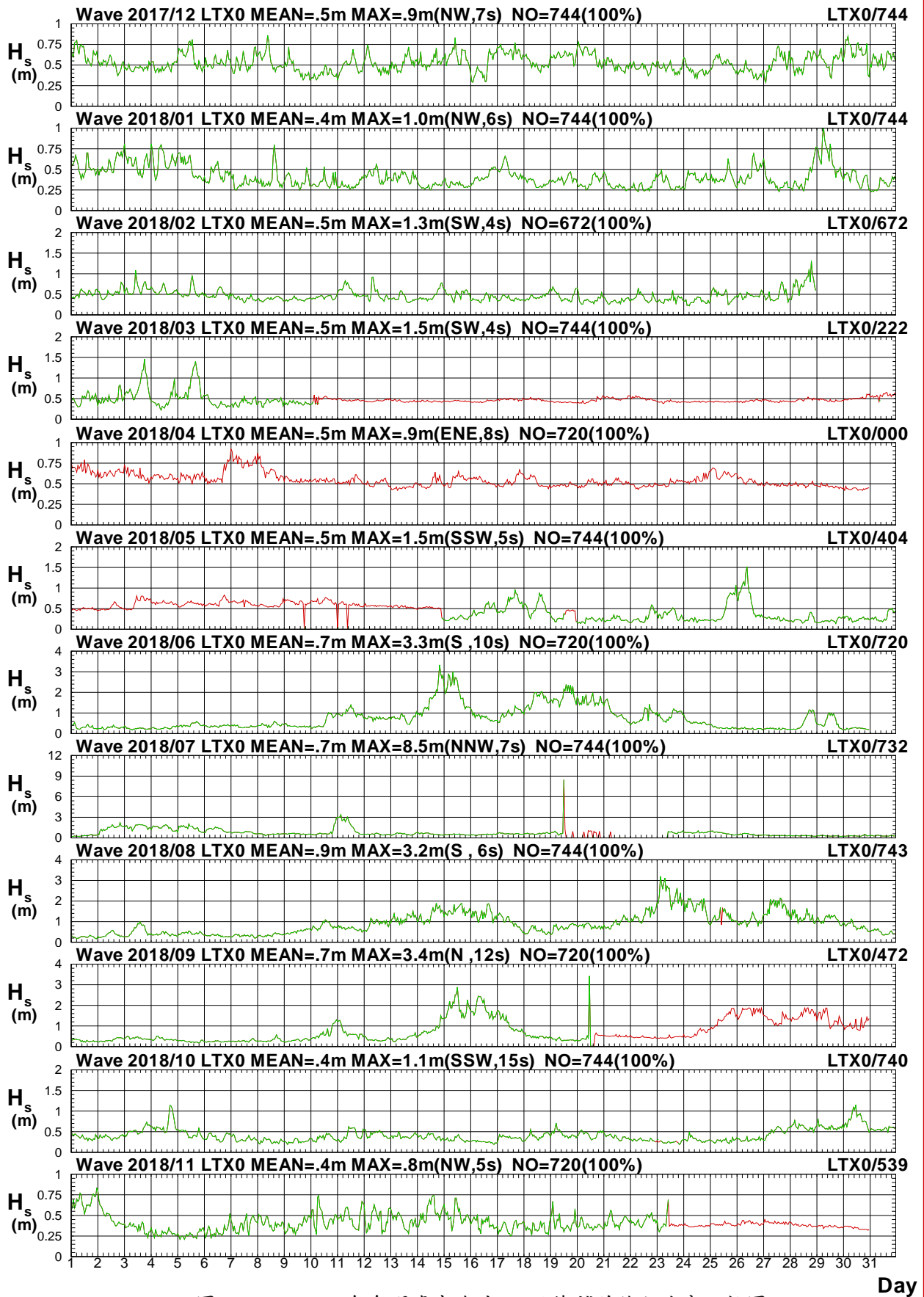


圖2.1.2a 2018年每月臺東海域 X 站修補前後之波高比較圖

V17CLTX0.1HA V17CLTX0.1H0 V181LTX0.1HA V181LTX0.1H0 V182LTX0.1HA V182LTX0.1H0
 V183LTX0.1HA V183LTX0.1H0 V184LTX0.1HA V184LTX0.1H0 V185LTX0.1HA V185LTX0.1H0

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Wave T_p in Ta-Tung Seas of LTX0 at 2018

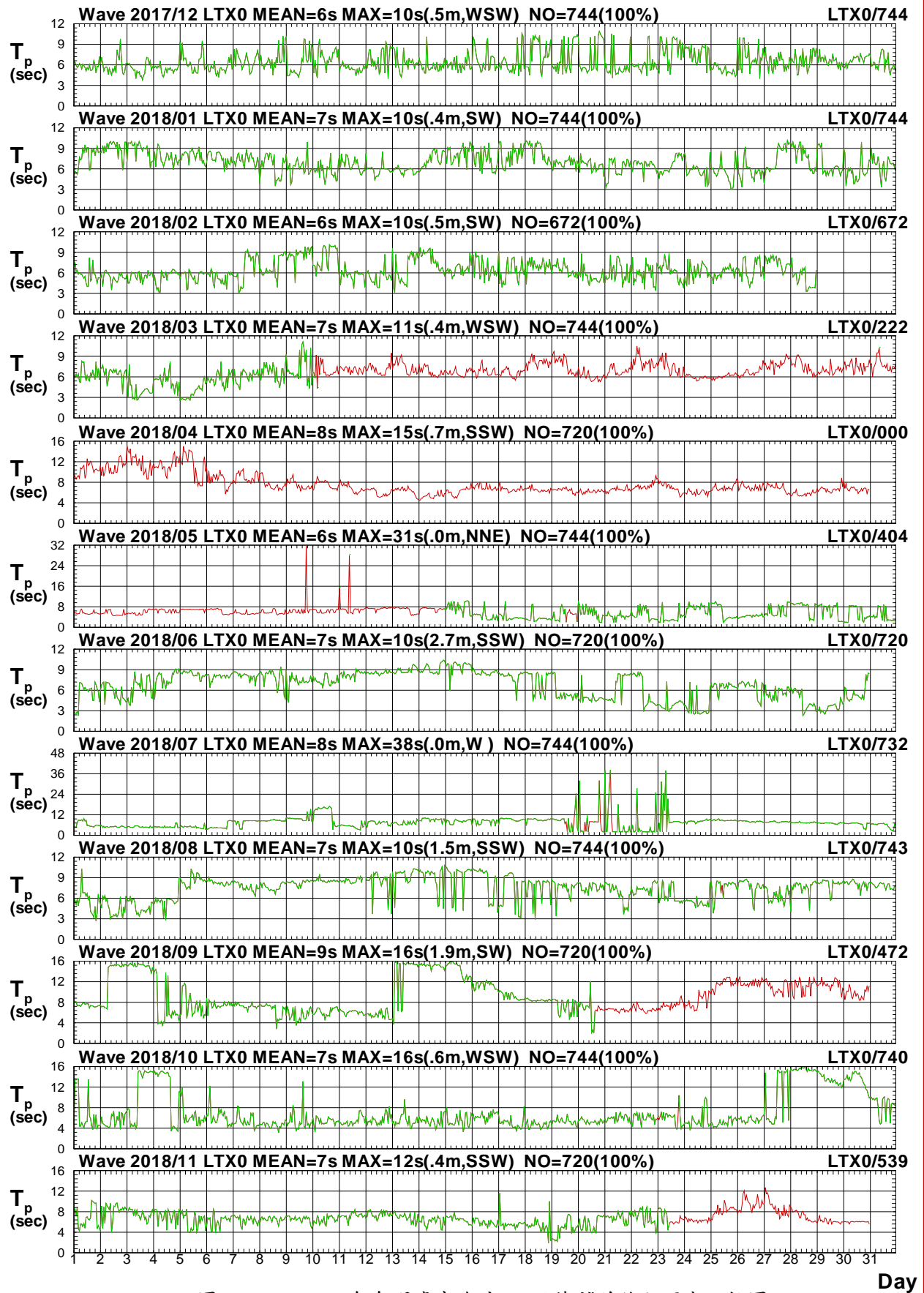


圖2.1.2b 2018年每月臺東海域 X 站修補前後之週期比較圖

V17CLTX0.1HA V17CLTX0.1H0 V181LTX0.1HA V181LTX0.1H0 V182LTX0.1HA V182LTX0.1H0
 V183LTX0.1HA V183LTX0.1H0 V184LTX0.1HA V184LTX0.1H0 V185LTX0.1HA V185LTX0.1H0

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Wave Direction in Ta-Tung Seas of LTX0 at 2018

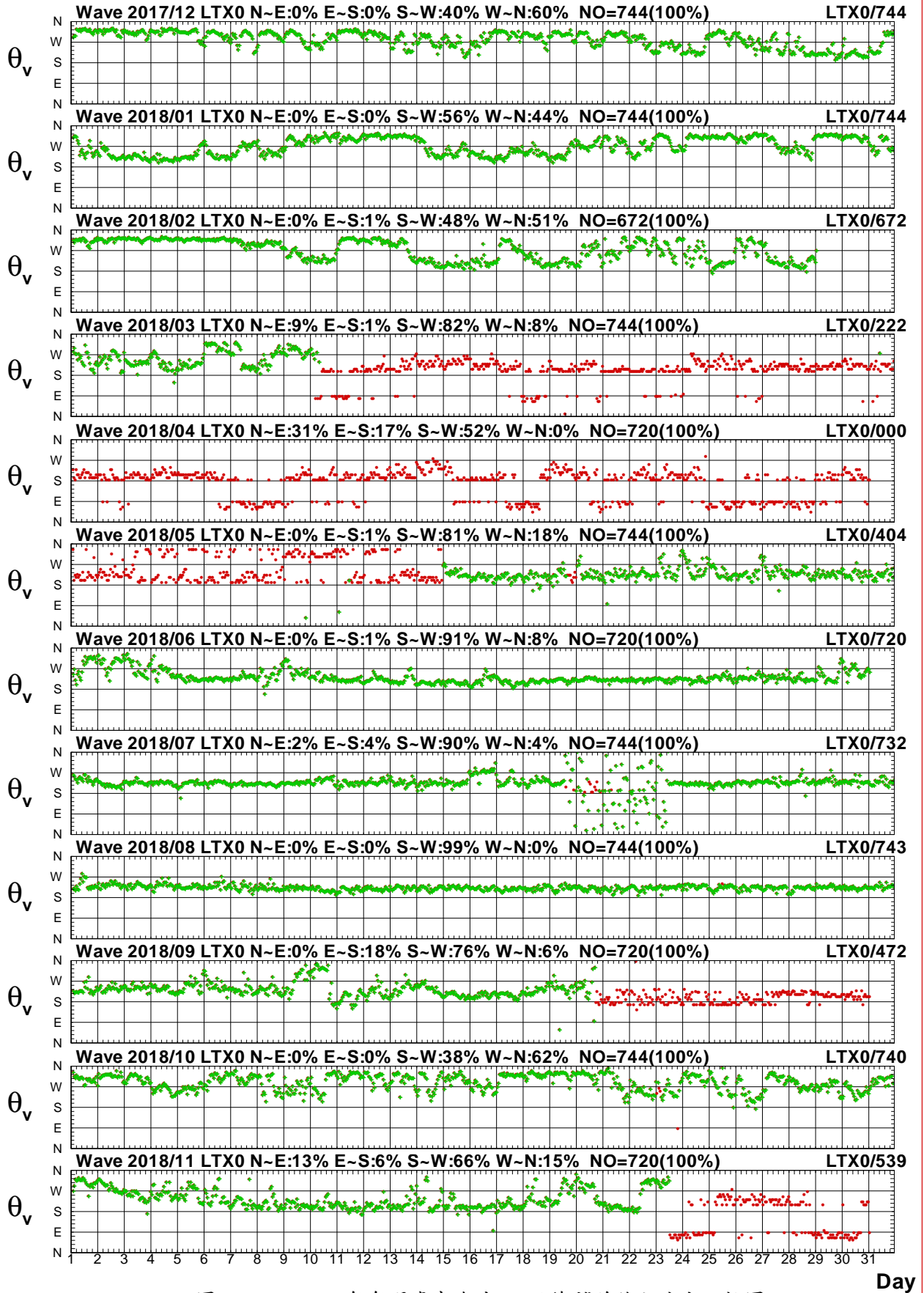


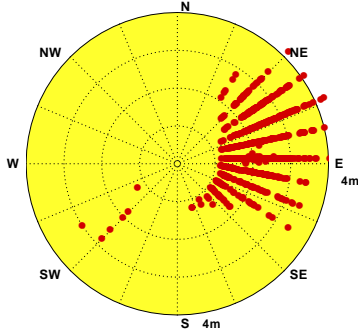
圖2.1.2c 2018年每月臺東海域 X 站修補前後之波向比較圖

V17CLTX0.1HA V17CLTX0.1H0 V181LTX0.1HA V181LTX0.1H0 V182LTX0.1HA V182LTX0.1H0
 V183LTX0.1HA V183LTX0.1H0 V184LTX0.1HA V184LTX0.1H0 V185LTX0.1HA V185LTX0.1H0

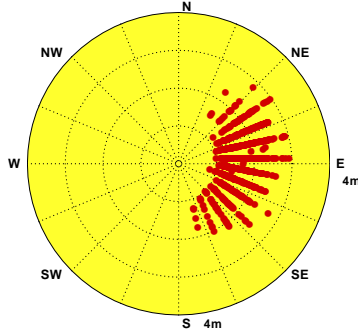
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Distribution of H_s Vectors

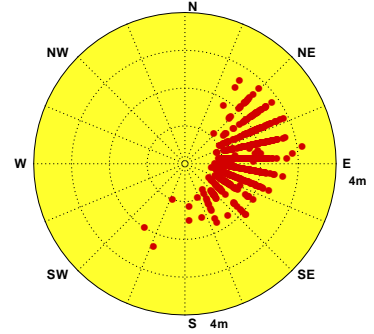
Wave of LTY0 at 2017/12 NO=744(100%)
 Hs : MEAN=2.1m MAX=4.1m(ENE,9s)
 N-E:51% E-S:48% S-W:1% W-N:0%



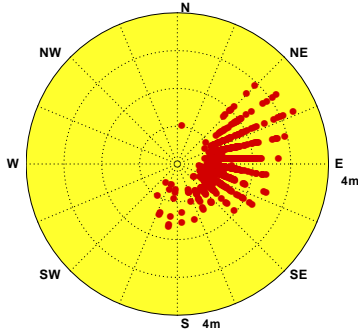
Wave of LTY0 at 2018/01 NO=744(100%)
 Hs : MEAN=1.6m MAX=2.8m(E, 7s)
 N-E:40% E-S:60% S-W:0% W-N:0%



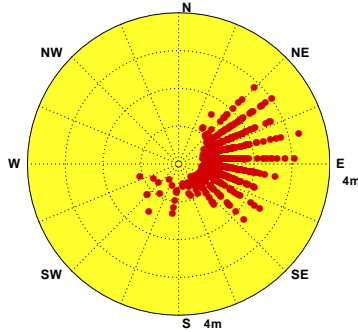
Wave of LTY0 at 2018/02 NO=672(100%)
 Hs : MEAN=1.5m MAX=3.0m(E, 7s)
 N-E:35% E-S:64% S-W:1% W-N:0%



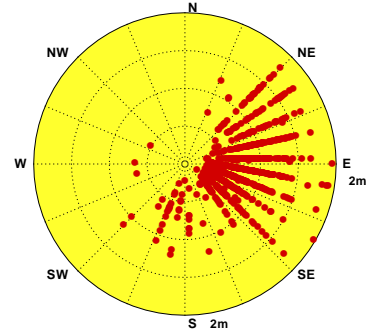
Wave of LTY0 at 2018/03 NO=744(100%)
 Hs : MEAN=1.2m MAX=3.2m(ENE,9s)
 N-E:22% E-S:76% S-W:2% W-N:0%



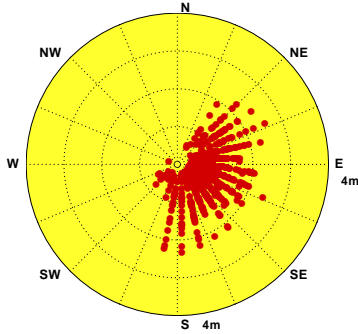
Wave of LTY0 at 2018/04 NO=720(100%)
 Hs : MEAN=1.2m MAX=3.1m(ENE,7s)
 N-E:31% E-S:66% S-W:3% W-N:0%



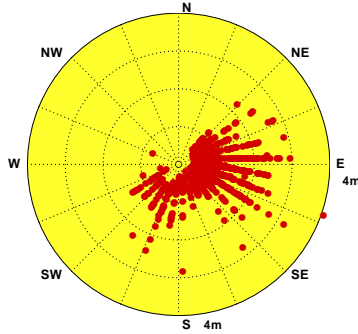
Wave of LTY0 at 2018/05 NO=744(100%)
 Hs : MEAN=.8m MAX=2.0m(ESE,5s)
 N-E:24% E-S:71% S-W:5% W-N:0%



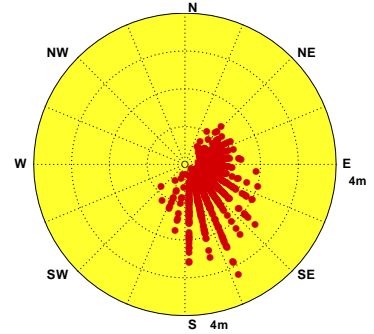
Wave of LTY0 at 2018/06 NO=720(100%)
 Hs : MEAN=.9m MAX=2.5m(S, 7s)
 N-E:14% E-S:77% S-W:9% W-N:0%



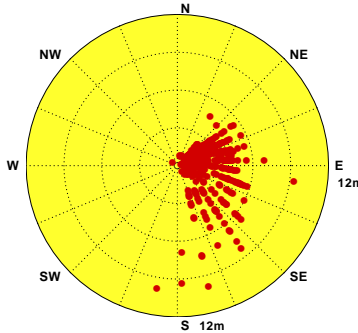
Wave of LTY0 at 2018/07 NO=744(100%)
 Hs : MEAN=1.0m MAX=4.0m(ESE,13s)
 N-E:16% E-S:67% S-W:17% W-N:0%



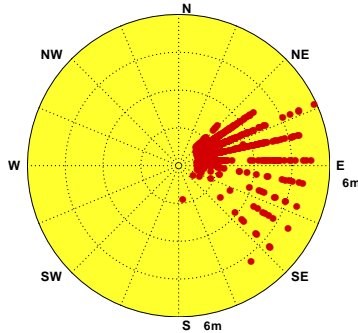
Wave of LTY0 at 2018/08 NO=744(100%)
 Hs : MEAN=1.0m MAX=3.3m(SSE,7s)
 N-E:17% E-S:73% S-W:10% W-N:0%



Wave of LTY0 at 2018/09 NO=720(100%)
 Hs : MEAN=1.7m MAX=10.4m(S, 13s)
 N-E:42% E-S:57% S-W:1% W-N:0%



Wave of LTY0 at 2018/10 NO=744(100%)
 Hs : MEAN=1.7m MAX=5.7m(ENE,11s)
 N-E:77% E-S:23% S-W:0% W-N:0%



Wave of LTY0 at 2018/11 NO=720(100%)
 Hs : MEAN=1.4m MAX=3.5m(NE,9s)
 N-E:57% E-S:43% S-W:0% W-N:0%

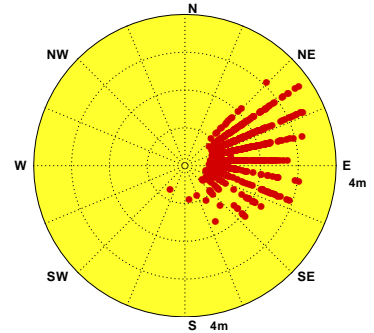


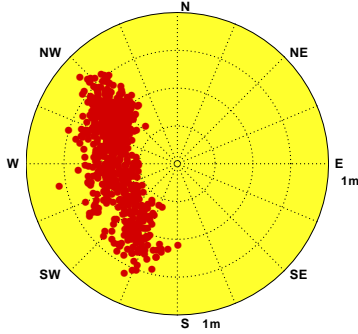
圖2.1.3 2018年臺東海域每月 Y 站修補後觀測波高向量分佈圖

V17CLTY0.1HA V181LTY0.1HA V182LTY0.1HA V183LTY0.1HA V184LTY0.1HA V185LTY0.1HA
 V186LTY0.1HA V187LTY0.1HA V188LTY0.1HA V189LTY0.1HA V18ALTY0.1HA V18BLTY0.1HA

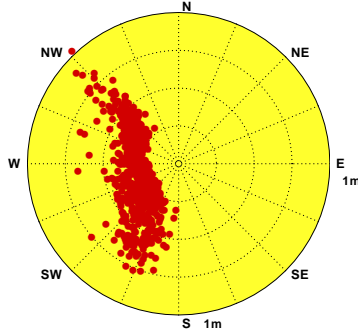
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Distribution of H_s Vectors

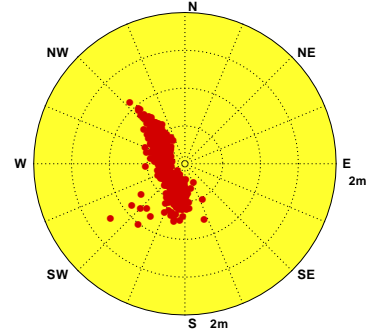
Wave of LTX0 at 2017/12 NO=744(100%)
Hs : MEAN=.5m MAX=.9m(NW,7s)
N-E:0% E-S:0% S-W:40% W-N:60%



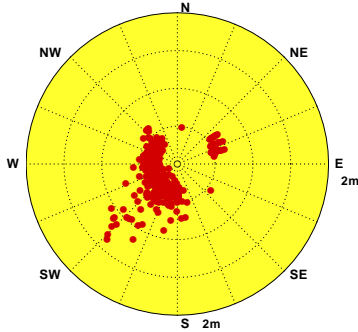
Wave of LTX0 at 2018/01 NO=744(100%)
Hs : MEAN=.4m MAX=1.0m(NW,6s)
N-E:0% E-S:0% S-W:56% W-N:44%



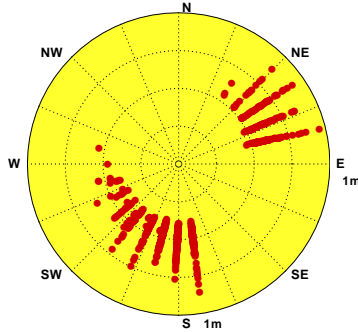
Wave of LTX0 at 2018/02 NO=672(100%)
Hs : MEAN=.5m MAX=1.3m(SW,4s)
N-E:0% E-S:1% S-W:48% W-N:51%



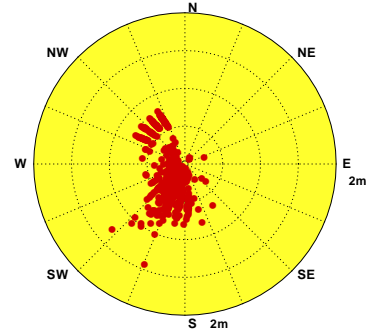
Wave of LTX0 at 2018/03 NO=744(100%)
Hs : MEAN=.5m MAX=1.5m(SW,4s)
N-E:9% E-S:1% S-W:82% W-N:8%



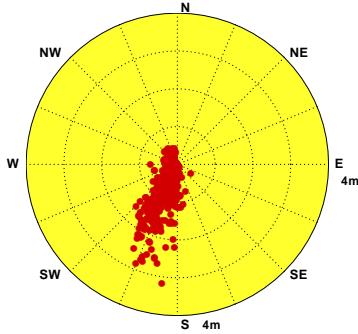
Wave of LTX0 at 2018/04 NO=720(100%)
Hs : MEAN=.5m MAX=.9m(ENE,8s)
N-E:31% E-S:17% S-W:52% W-N:0%



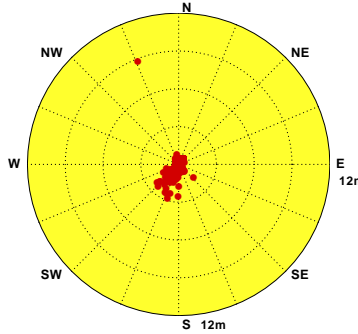
Wave of LTX0 at 2018/05 NO=744(100%)
Hs : MEAN=.5m MAX=1.5m(SSW,5s)
N-E:0% E-S:1% S-W:81% W-N:18%



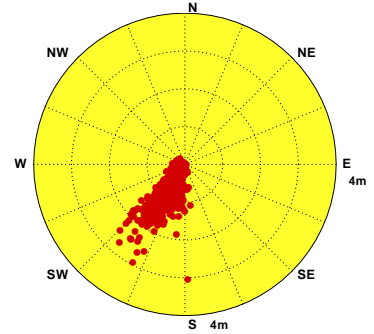
Wave of LTX0 at 2018/06 NO=720(100%)
Hs : MEAN=.7m MAX=3.3m(S,10s)
N-E:0% E-S:1% S-W:91% W-N:8%



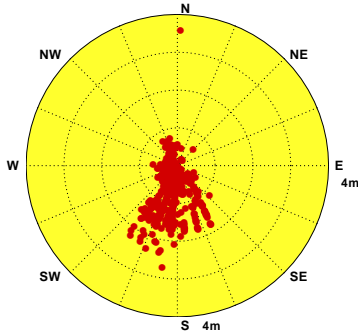
Wave of LTX0 at 2018/07 NO=744(100%)
Hs : MEAN=.7m MAX=8.5m(NNW,7s)
N-E:2% E-S:4% S-W:90% W-N:4%



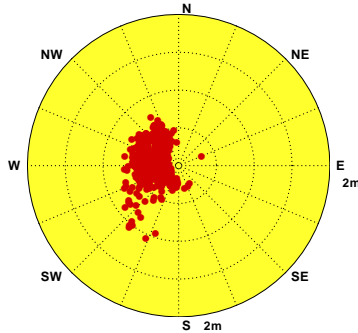
Wave of LTX0 at 2018/08 NO=744(100%)
Hs : MEAN=.9m MAX=3.2m(S,6s)
N-E:0% E-S:0% S-W:99% W-N:0%



Wave of LTX0 at 2018/09 NO=720(100%)
Hs : MEAN=.7m MAX=3.4m(N,12s)
N-E:0% E-S:18% S-W:76% W-N:6%



Wave of LTX0 at 2018/10 NO=744(100%)
Hs : MEAN=.4m MAX=1.1m(SSW,15s)
N-E:0% E-S:0% S-W:38% W-N:62%



Wave of LTX0 at 2018/11 NO=720(100%)
Hs : MEAN=.4m MAX=.8m(NW,5s)
N-E:13% E-S:6% S-W:66% W-N:15%

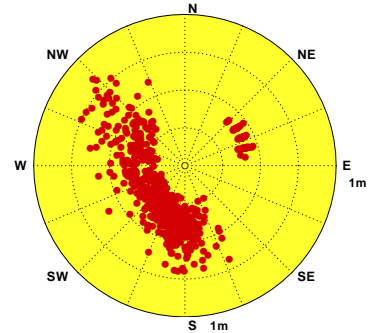


圖2.1.4 2018年臺東海域每月 X 站修補後觀測波高向量分佈圖

V17CLTX0.1HA V181LTX0.1HA V182LTX0.1HA V183LTX0.1HA V184LTX0.1HA V185LTX0.1HA
V186LTX0.1HA V187LTX0.1HA V188LTX0.1HA V189LTX0.1HA V18ALT0.1HA V18BLTX0.1HA

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2.2 2018 年臺東海域各測站修補前 波浪統計量統計表

表2.2.1 2018年臺東海域 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 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	最大	<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	98%	2.16	4.1/ 8.6/ENE	7.1	8.9	.0	17.6	72.1	10.3	5.9	84.7	9.4	.0	98%	51.6	47.6	.8	.0	ENE/33%
2018/01	99%	1.63	2.8/ 7.1/E	6.4	7.8	.0	44.1	55.9	.0	24.2	75.8	.0	.0	99%	40.1	59.9	.0	.0	E /32%
2018/02	98%	1.54	2.7/ 7.1/ENE	6.3	7.7	.0	46.9	53.1	.0	25.8	74.2	.0	.0	98%	35.1	64.2	.8	.0	E /34%
2018/03	98%	1.24	3.2/ 8.8/ENE	6.2	8.8	.0	79.5	20.2	.3	32.4	66.8	.8	.0	98%	22.4	75.7	1.9	.0	E /37%
2018/04	99%	1.17	3.1/ 6.9/ENE	6.3	10.0	.0	81.0	18.9	.1	42.5	46.8	10.6	.1	99%	31.1	66.3	2.5	.0	E /33%
2018/05	98%	.77	2.0/ 5.0/ESE	6.0	9.6	24.7	72.7	2.6	.0	49.8	48.3	1.9	.0	98%	24.1	71.3	4.5	.0	ESE/33%
2018/06	96%	.92	2.5/ 6.7/S	5.8	8.9	20.5	68.1	11.4	.0	54.8	44.4	.9	.0	96%	14.5	75.7	9.8	.0	SE /23%
2018/07	94%	1.07	4.0/13.0/ESE	6.5	13.0	9.6	72.1	18.0	.3	35.9	51.3	9.3	3.4	94%	15.8	65.9	18.1	.1	ESE/28%
2018/08	97%	.96	3.3/ 6.8/SSE	6.2	8.4	21.1	65.7	13.0	.1	38.7	60.2	1.1	.0	97%	16.8	72.7	10.5	.0	SSE/22%
2018/09	96%	1.70	10.4/13.1/S	7.7	13.7	20.0	42.8	18.3	18.9	23.4	36.6	23.2	16.8	96%	40.2	58.6	.9	.3	ENE/29%
2018/10	99%	1.70	5.7/10.8/ENE	6.9	11.3	.0	55.8	31.1	13.0	20.5	61.3	14.5	3.7	99%	76.4	23.5	.1	.0	ENE/51%
2018/11	100%	1.36	3.5/ 8.5/NE	6.4	9.7	.0	65.9	32.5	1.7	30.8	65.0	4.2	.0	100%	57.1	42.6	.3	.0	ENE/44%
2018/冬	98%	1.78	4.1/ 8.6/ENE	6.6	8.9	.0	35.9	60.6	3.5	18.4	78.4	3.2	.0	98%	42.5	57.0	.5	.0	E /33%
2018/春	98%	1.06	3.2/ 8.8/ENE	6.2	10.0	8.3	77.7	13.9	.1	41.5	54.0	4.4	.0	98%	25.8	71.2	3.0	.0	E /32%
2018/夏	96%	.98	4.0/13.0/ESE	6.2	13.0	17.1	68.6	14.1	.1	43.1	52.1	3.7	1.1	96%	15.7	71.5	12.8	.0	ESE/22%
2018/秋	98%	1.59	10.4/13.1/S	7.0	13.7	6.4	55.0	27.4	11.1	24.9	54.6	13.9	6.7	98%	58.3	41.2	.4	.1	ENE/42%
2018/年	98%	1.35	10.4/13.1/S	6.5	13.7	7.9	59.4	28.9	3.7	32.0	59.7	6.3	2.0	98%	35.6	60.2	4.2	.0	E /26%

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表2.2.2 2018年臺東海域 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	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%	.53	.9/ 6.6/NW	6.4	10.9	42.5	57.5	.0	.0	46.4	36.6	12.5	4.6	100%	.0	.0	40.2	59.8	WNW/32%
2018/01	100%	.41	1.0/ 5.6/NW	7.0	10.1	80.5	19.5	.0	.0	28.1	43.4	27.3	1.2	100%	.0	.0	55.5	44.5	WNW/24%
2018/02	100%	.47	1.3/ 3.8/SW	6.3	10.1	67.0	33.0	.0	.0	44.8	36.5	18.3	.4	100%	.0	.6	48.2	51.2	NW /27%
2018/03	30%	.51	1.5/ 4.3/SW	5.8	11.1	64.9	35.1	.0	.0	52.3	39.6	5.9	2.3	30%	.0	2.3	71.6	26.1	SW /22%
2018/04	0																		
2018/05	54%	.35	1.5/ 4.7/SSW	5.5	31.7	82.9	16.8	.2	.0	64.4	8.7	24.0	3.0	54%	.7	2.2	92.3	4.7	SSW/40%
2018/06	100%	.74	3.3/10.1/S	6.8	10.4	48.8	39.4	11.5	.3	33.2	24.4	41.3	1.1	100%	.0	.6	91.0	8.5	SSW/43%
2018/07	98%	.68	8.5/ 6.7/NNW	7.5	38.2	41.4	47.8	10.1	.7	32.1	22.7	38.9	6.3	98%	1.8	3.7	90.6	4.0	SW /49%
2018/08	100%	.90	3.2/ 6.0/S	7.5	10.8	27.9	58.4	13.5	.3	22.9	24.4	48.3	4.4	100%	.0	.1	99.7	.1	SSW/51%
2018/09	66%	.59	3.4/12.1/N	9.0	16.1	66.7	24.2	8.9	.2	20.6	32.0	16.7	30.7	66%	.4	3.8	86.4	9.3	SW /32%
2018/10	100%	.41	1.1/15.0/SSW	7.0	16.2	75.9	24.1	.0	.0	58.6	20.3	3.6	17.4	100%	.0	.4	37.6	62.0	NW /30%
2018/11	75%	.42	.8/ 4.7/NW	6.5	11.6	79.2	20.8	.0	.0	33.8	51.0	14.5	.7	75%	.2	7.8	71.4	20.6	SSW/28%
2018/冬	100%	.47	1.3/ 3.8/SW	6.6	10.9	63.2	36.8	.0	.0	39.6	38.9	19.4	2.1	100%	.0	.2	48.0	51.9	WNW/25%
2018/春	28%	.41	1.5/ 4.7/SSW	5.6	31.7	76.5	23.3	.2	.0	60.1	19.6	17.6	2.7	28%	.5	2.2	85.0	12.3	SSW/33%
2018/夏	99%	.77	8.5/ 6.7/NNW	7.2	38.2	39.2	48.7	11.7	.4	29.3	23.8	42.9	4.0	99%	.6	1.5	93.8	4.1	SSW/42%
2018/秋	80%	.46	3.4/12.1/N	7.4	16.2	74.5	23.1	2.4	.1	40.7	32.9	10.5	15.9	80%	.2	3.6	61.2	35.1	SSW/18%
2018/年	77%	.56	8.5/ 6.7/NNW	6.9	38.2	59.6	35.8	4.5	.1	38.4	30.6	24.6	6.4	77%	.3	1.7	69.8	28.3	SSW/26%

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表2.2.3 2018年臺東海域 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 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	最大	<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%	2.33	4.7/ 8.3/ENE	6.4	8.3	.0	3.6	82.4	14.0	21.4	78.1	.5	.0	100%	37.0	63.0	.0	.0	E /50%
2018/01	100%	1.82	2.9/ 6.9/ESE	6.0	7.6	.0	24.0	76.0	.0	50.6	49.4	.0	.0	100%	42.8	57.2	.0	.0	E /40%
2018/02	100%	1.70	3.0/ 7.1/ESE	6.0	7.6	.0	40.8	59.2	.0	48.1	51.9	.0	.0	100%	43.6	56.3	.0	.1	ENE/35%
2018/03	100%	1.37	3.2/ 6.9/ENE	5.7	7.3	.0	70.7	28.6	.7	66.8	33.2	.0	.0	100%	18.1	81.9	.0	.0	E /46%
2018/04	99%	1.25	3.0/ 6.8/ENE	5.8	9.4	.0	75.4	24.6	.0	67.5	28.4	4.1	.0	99%	19.0	80.8	.1	.0	ESE/43%
2018/05	100%	.75	2.0/ 5.4/ENE	6.0	8.6	20.8	76.7	2.4	.0	50.1	48.3	1.6	.0	100%	12.9	87.0	.1	.0	ESE/42%
2018/06	100%	.76	2.3/ 7.3/E	5.6	8.4	23.5	71.9	4.6	.0	68.9	30.8	.3	.0	100%	8.3	91.4	.1	.1	ESE/40%
2018/07	100%	1.02	5.6/14.8/ESE	6.3	14.8	22.6	58.9	16.9	1.6	44.8	47.8	5.1	2.3	100%	13.4	86.0	.1	.4	E /38%
2018/08	100%	.70	2.0/ 8.6/SE	6.1	10.7	31.4	65.5	3.1	.0	48.9	44.9	6.1	.1	100%	12.7	86.9	.0	.4	ESE/38%
2018/09	99%	1.66	7.0/10.5/ESE	6.8	13.2	13.9	48.3	19.6	18.2	39.8	35.3	19.9	5.0	99%	24.9	74.5	.3	.3	ESE/34%
2018/10	99%	1.65	5.1/ 9.0/E	6.0	9.9	.0	52.0	38.2	9.9	62.2	30.3	7.4	.0	99%	62.8	37.1	.0	.1	ENE/44%
2018/11	98%	1.41	3.3/ 6.5/ENE	5.7	7.9	.0	64.3	34.7	1.0	65.0	35.0	.0	.0	98%	40.3	59.7	.0	.0	E /47%
2018/冬	100%	1.96	4.7/ 8.3/ENE	6.1	8.3	.0	22.2	73.0	4.8	39.7	60.1	.2	.0	100%	41.0	58.9	.0	.0	E /42%
2018/春	100%	1.12	3.2/ 6.9/ENE	5.9	9.4	7.0	74.3	18.5	.2	61.4	36.7	1.9	.0	100%	16.7	83.2	.1	.0	ESE/40%
2018/夏	100%	.83	5.6/14.8/ESE	6.0	14.8	25.8	65.4	8.3	.5	54.0	41.3	3.9	.8	100%	11.5	88.1	.1	.3	ESE/37%
2018/秋	99%	1.57	7.0/10.5/ESE	6.2	13.2	4.6	54.8	30.9	9.7	55.7	33.5	9.1	1.7	99%	42.9	56.9	.1	.1	E /37%
2018/年	100%	1.37	7.0/10.5/ESE	6.0	14.8	9.4	54.3	32.5	3.8	52.8	42.9	3.7	.6	100%	27.9	71.9	.1	.1	E /37%

2-2-3

2.3 2018 年臺東海域**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 Lu-Tao Harbor of LTY0 at 2018

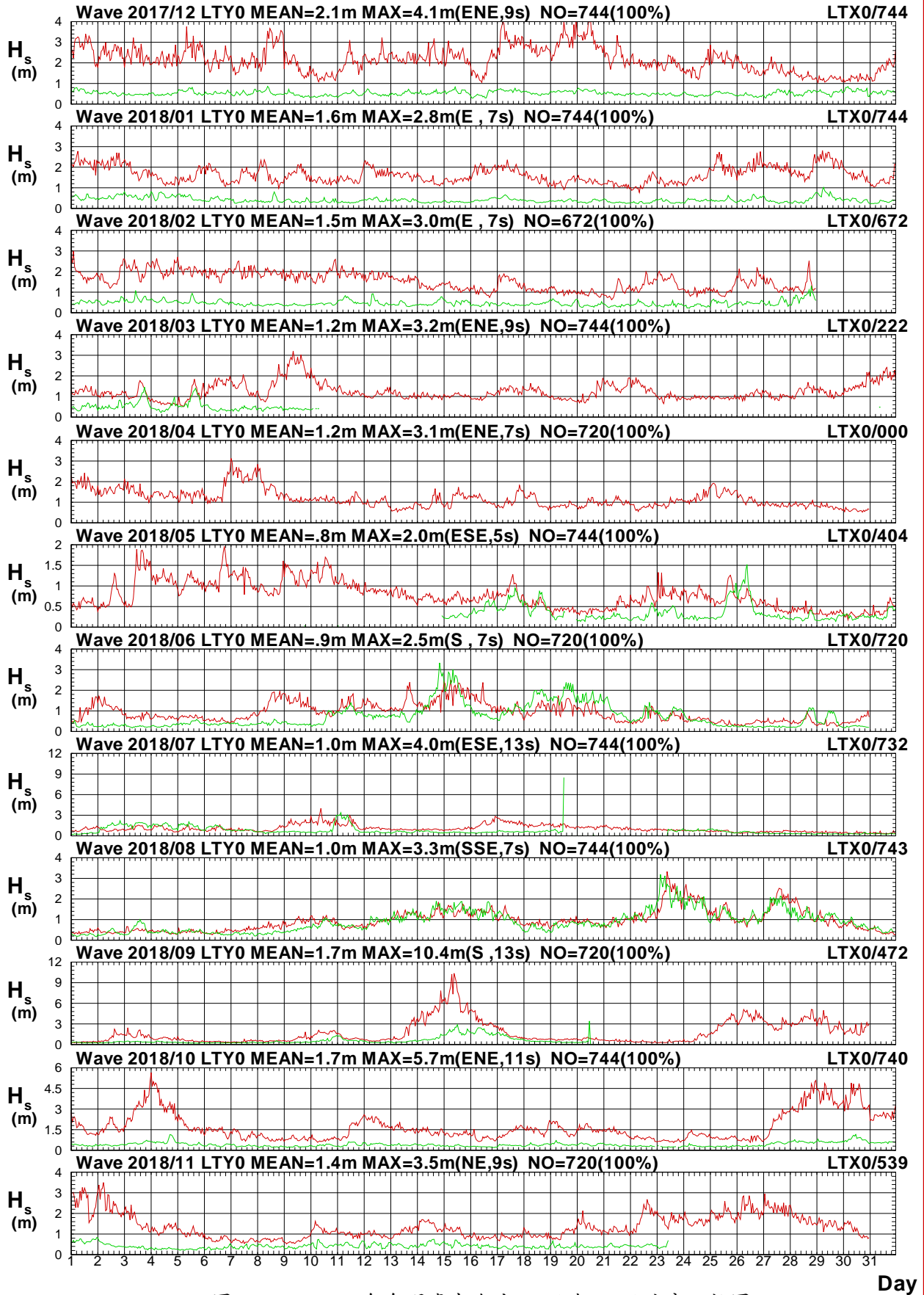


圖2.3.1a 2018年每月臺東海域 Y 站與 X 站波高比較圖

V17CLTY0.1HA V17CLTX0.1H0 V181LTY0.1HA V181LTX0.1H0 V182LTY0.1HA V182LTX0.1H0
 V183LTY0.1HA V183LTX0.1H0 V184LTY0.1HA V184LTX0.1H0 V185LTY0.1HA V185LTX0.1H0

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Wave T_p in Lu-Tao Harbor of LTY0 at 2018

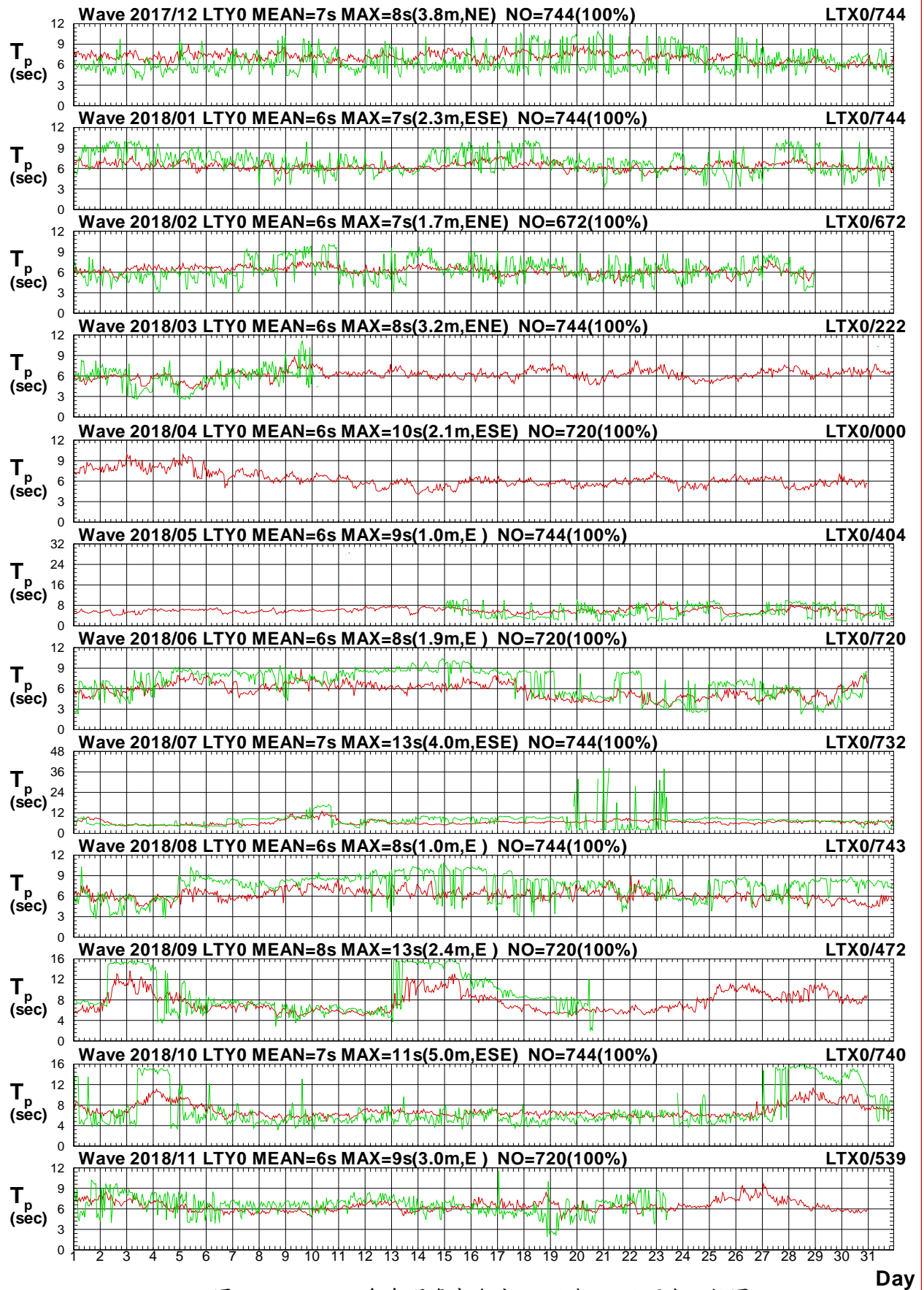


圖2.3.1b 2018年每月臺東海域 Y 站與 X 站週期比較圖

V17CLTY0.1HA V17CLTX0.1H0 V181LTY0.1HA V181LTX0.1H0 V182LTY0.1HA V182LTX0.1H0
 V183LTY0.1HA V183LTX0.1H0 V184LTY0.1HA V184LTX0.1H0 V185LTY0.1HA V185LTX0.1H0

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Wave Direction in Lu-Tao Harbor of LTY0 at 2018

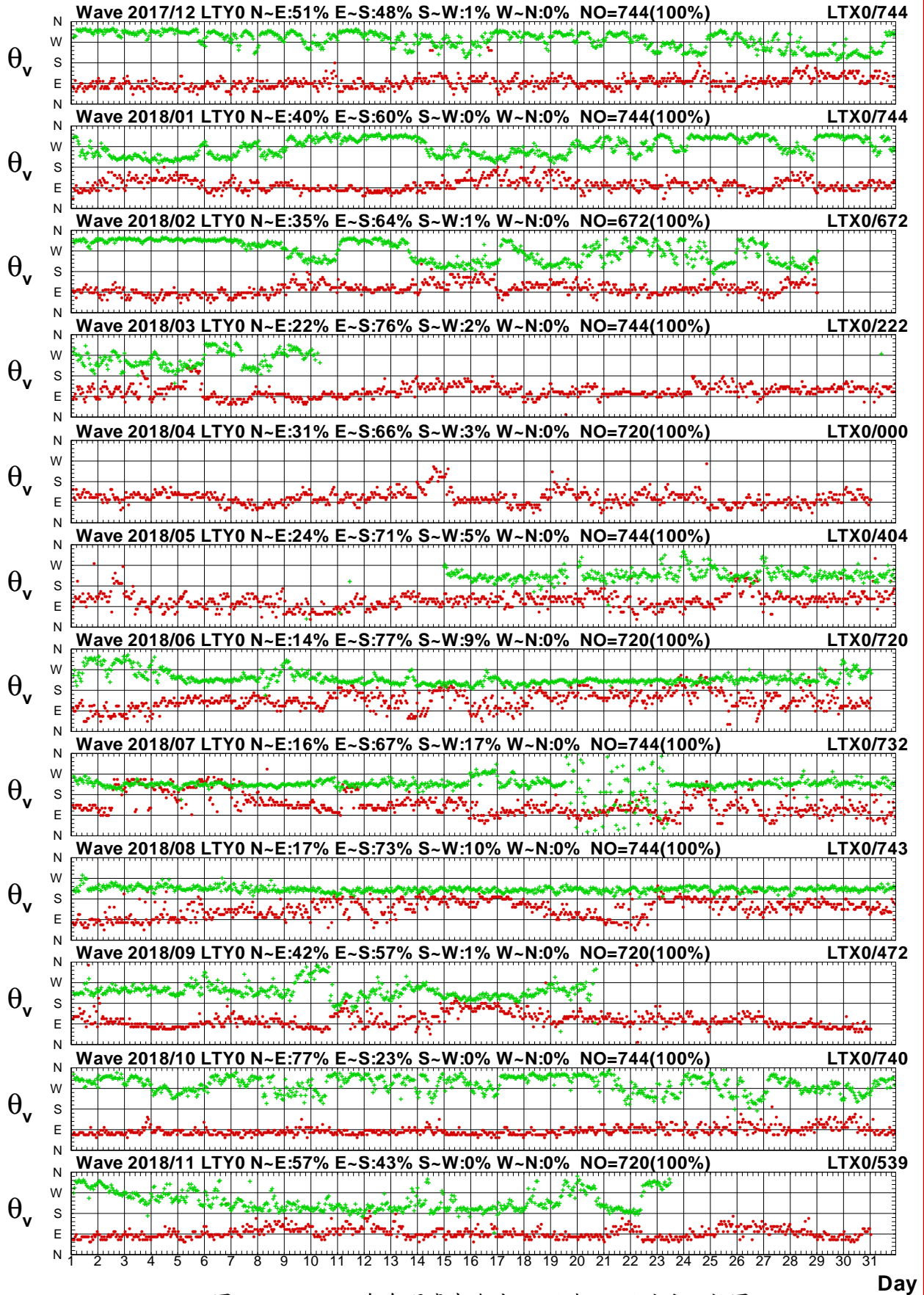


圖2.3.1c 2018年每月臺東海域 Y 站與 X 站波向比較圖

V17CLTY0.1HA V17CLTX0.1H0 V181LTY0.1HA V181LTX0.1H0 V182LTY0.1HA V182LTX0.1H0
 V183LTY0.1HA V183LTX0.1H0 V184LTY0.1HA V184LTX0.1H0 V185LTY0.1HA V185LTX0.1H0

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Wave H_s in Lu-Tao Harbor of LTY0 at 2018

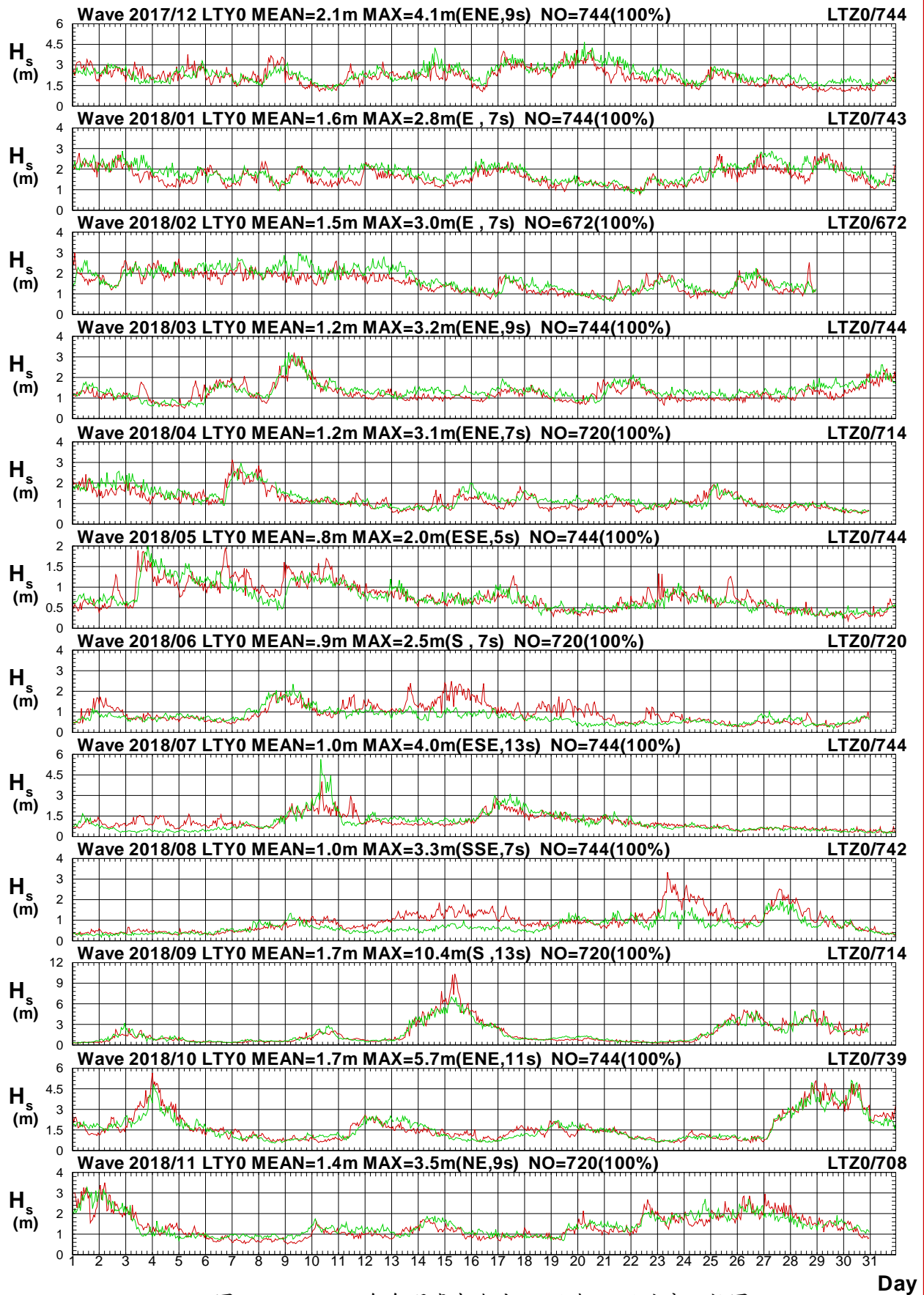


圖2.3.2a 2018年每月臺東海域 Y 站與 Z 站波高比較圖

V17CLTY0.1HA V17CLTZ0.1H0 V181LTY0.1HA V181LTZ0.1H0 V182LTY0.1HA V182LTZ0.1H0
 V183LTY0.1HA V183LTZ0.1H0 V184LTY0.1HA V184LTZ0.1H0 V185LTY0.1HA V185LTZ0.1H0

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Wave T_p in Lu-Tao Harbor of LTY0 at 2018

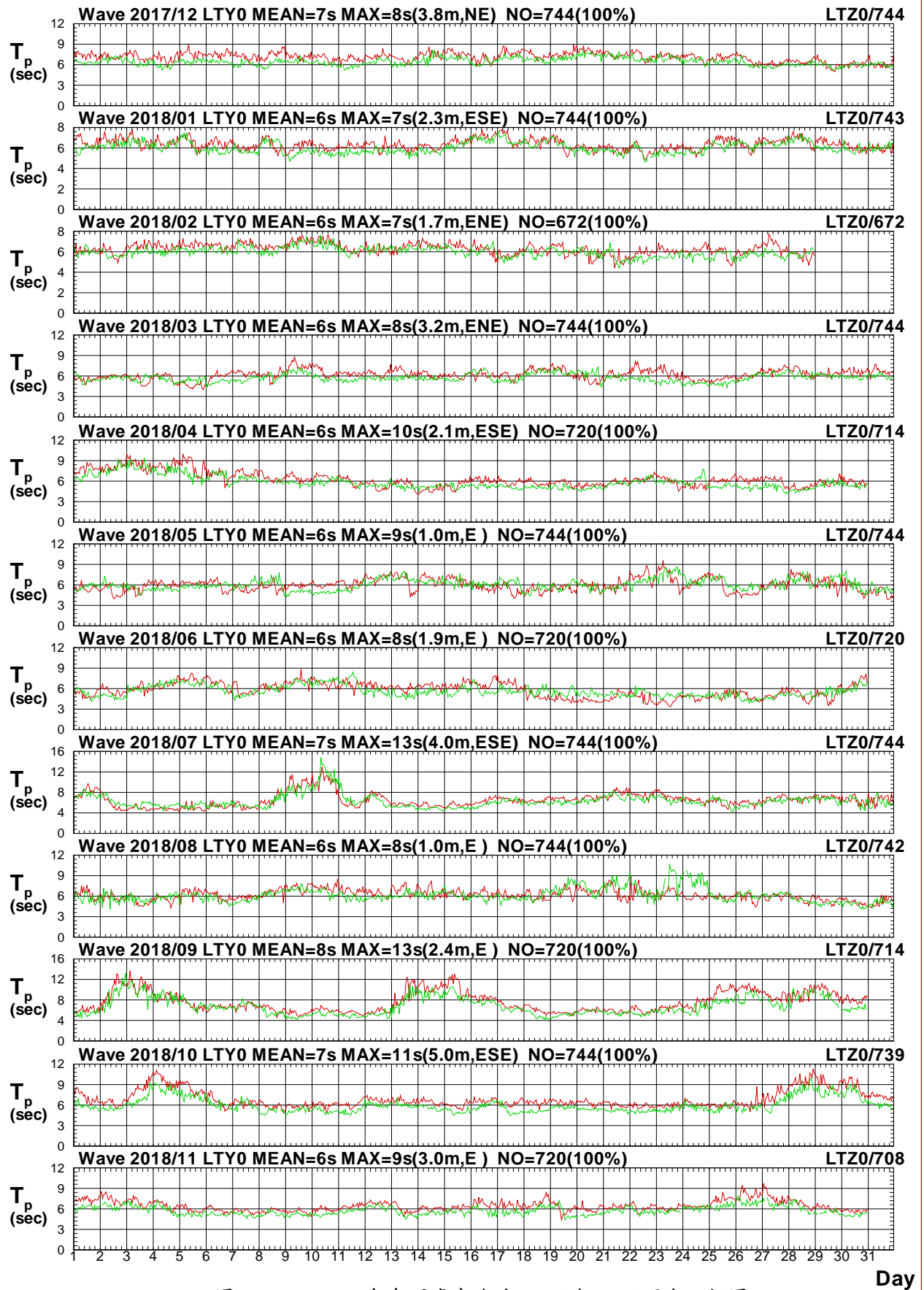


圖2.3.2b 2018年每月臺東海域 Y 站與 Z 站週期比較圖

V17CLTY0.1HA V17CLTZ0.1H0 V181LTY0.1HA V181LTZ0.1H0 V182LTY0.1HA V182LTZ0.1H0
 V183LTY0.1HA V183LTZ0.1H0 V184LTY0.1HA V184LTZ0.1H0 V185LTY0.1HA V185LTZ0.1H0

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Wave Direction in Lu-Tao Harbor of LTY0 at 2018

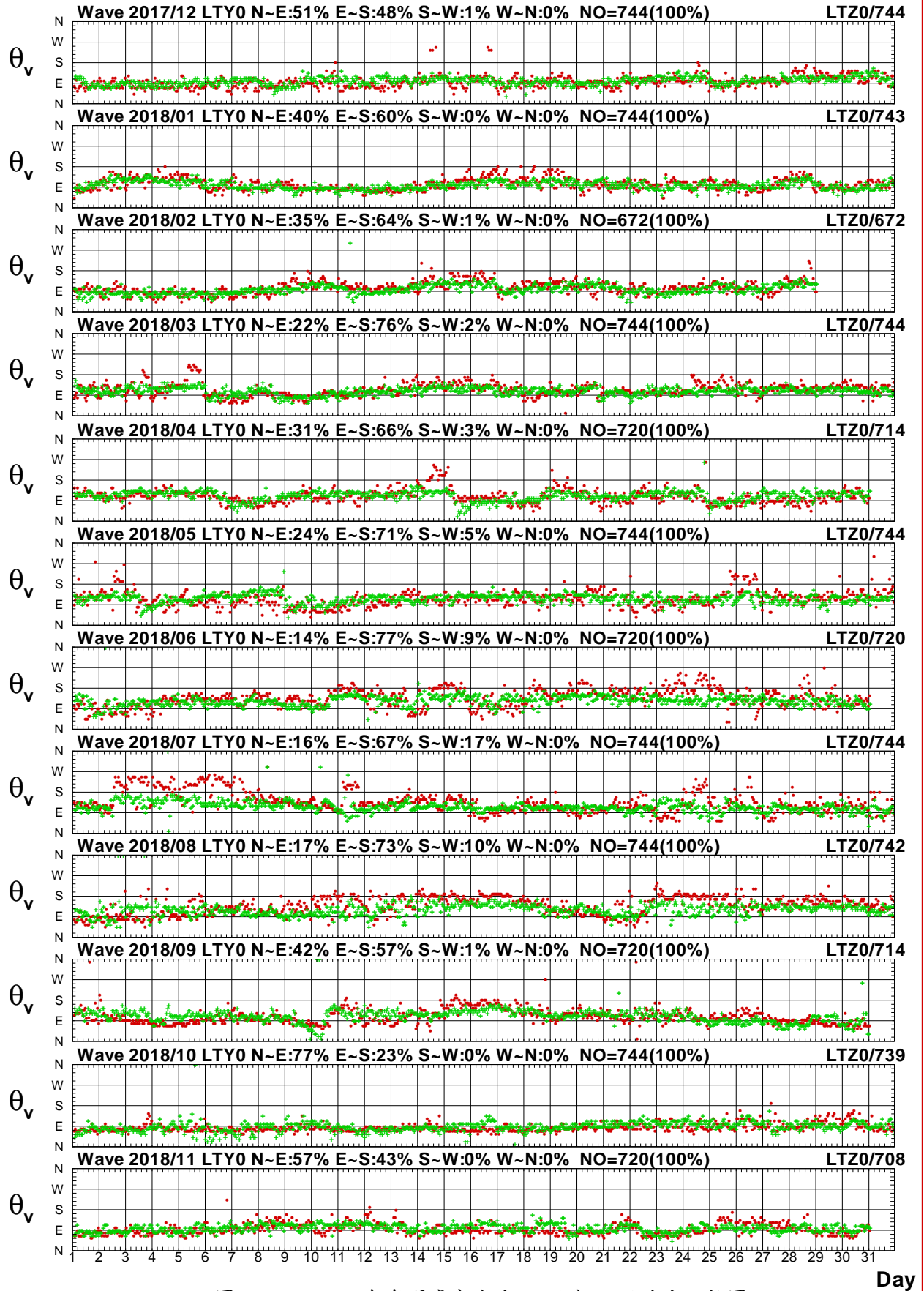


圖2.3.2c 2018年每月臺東海域 Y 站與 Z 站波向比較圖

V17CLTY0.1HA V17CLTZ0.1H0 V181LTY0.1HA V181LTZ0.1H0 V182LTY0.1HA V182LTZ0.1H0
 V183LTY0.1HA V183LTZ0.1H0 V184LTY0.1HA V184LTZ0.1H0 V185LTY0.1HA V185LTZ0.1H0

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Wave H_s in Lu-Tao Harbor of LTY0 at 2018

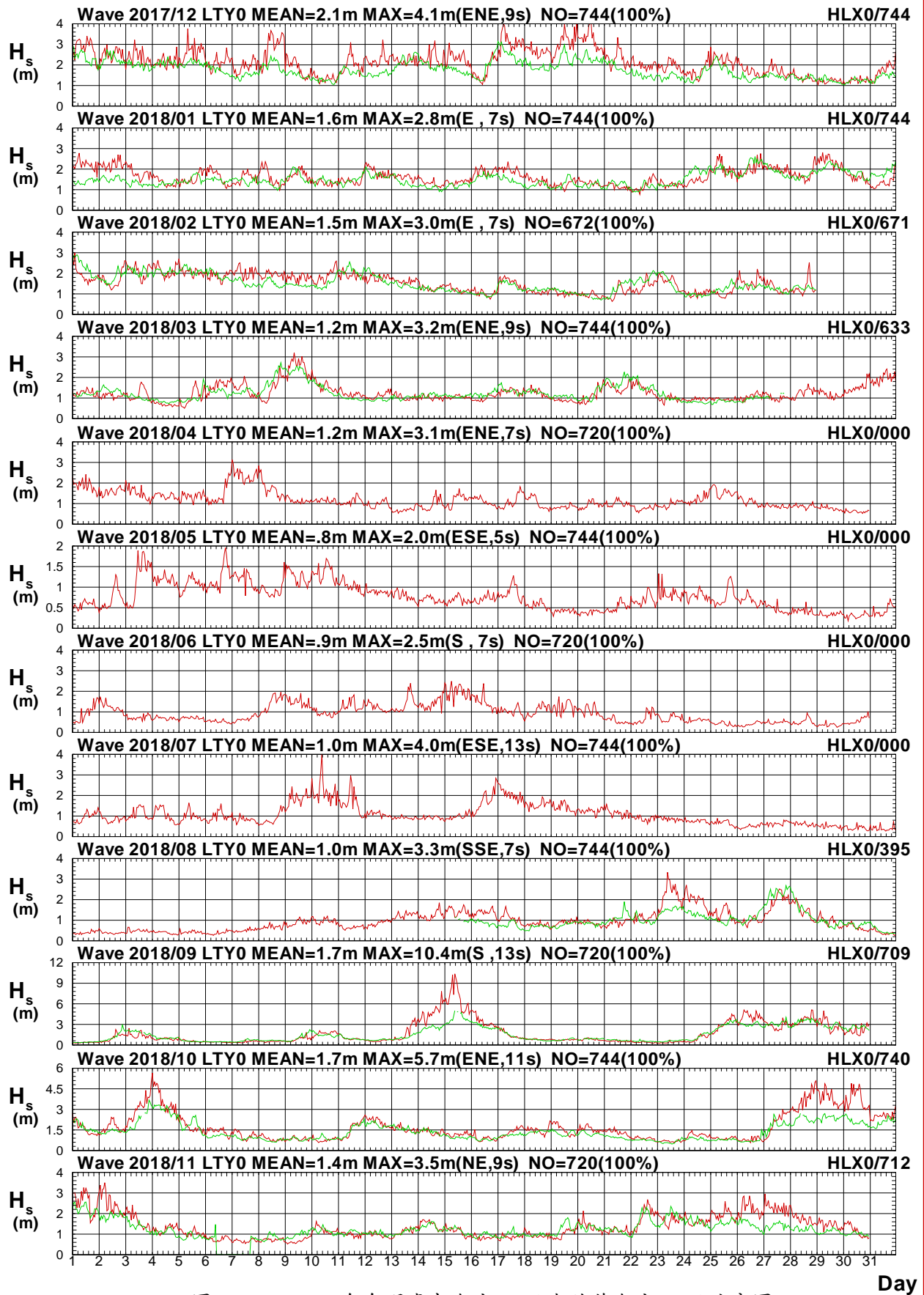


圖2.3.3a 2018年每月臺東海域 Y 站與花蓮海域 X 站波高圖

V17CLTY0.1HA V17CHLX0.1H0 V181LTY0.1HA V181HLX0.1H0 V182LTY0.1HA V182HLX0.1H0
 V183LTY0.1HA V183HLX0.1H0 V184LTY0.1HA V184HLX0.1H0 V185LTY0.1HA V185HLX0.1H0

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Wave T_p in Lu-Tao Harbor of LTY0 at 2018

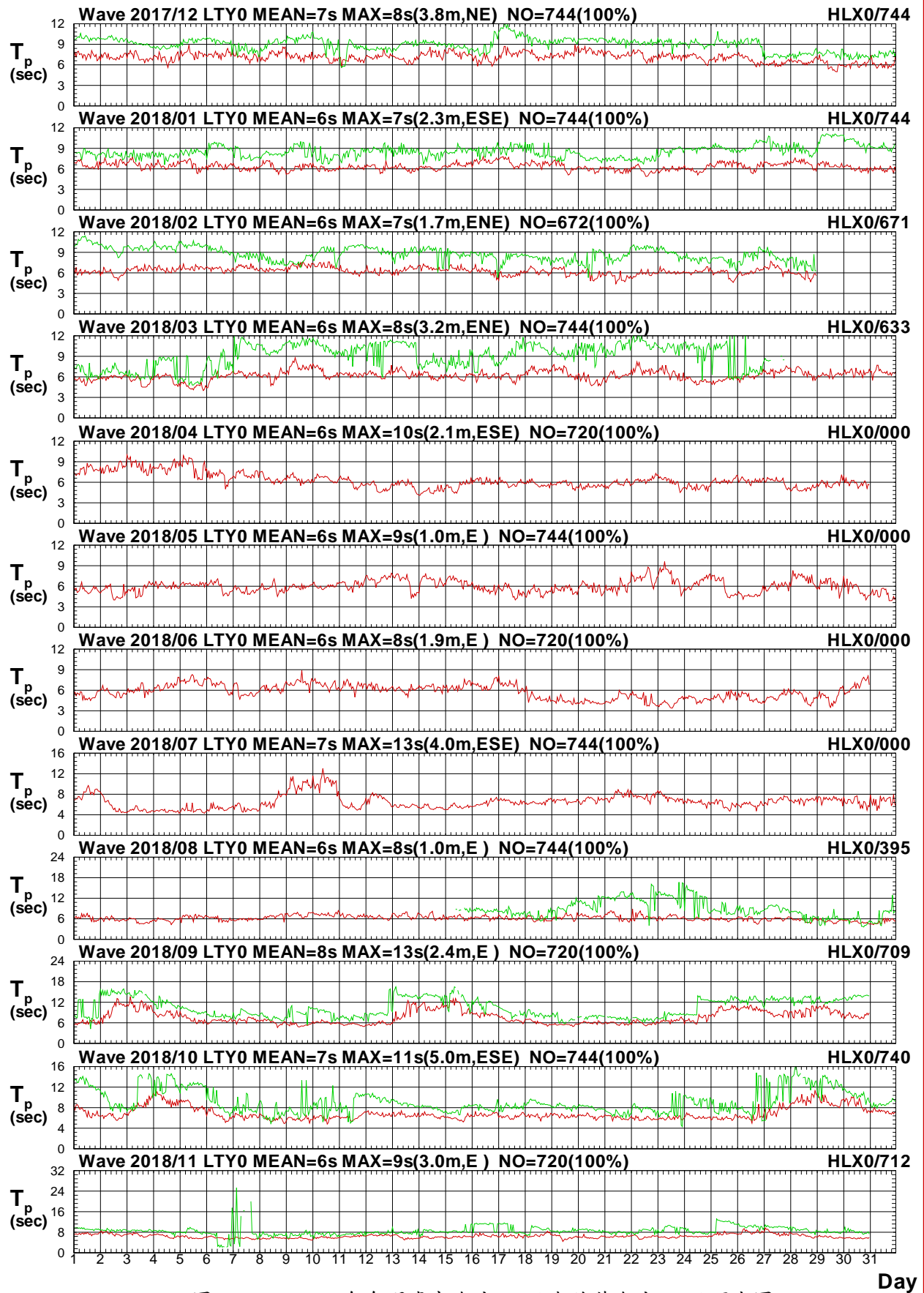


圖2.3.3b 2018年每月臺東海域 Y 站與花蓮海域 X 站週期圖

V17CLTY0.1HA V17CHLX0.1H0 V181LTY0.1HA V181HLX0.1H0 V182LTY0.1HA V182HLX0.1H0
 V183LTY0.1HA V183HLX0.1H0 V184LTY0.1HA V184HLX0.1H0 V185LTY0.1HA V185HLX0.1H0

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Wave Direction in Lu-Tao Harbor of LTY0 at 2018

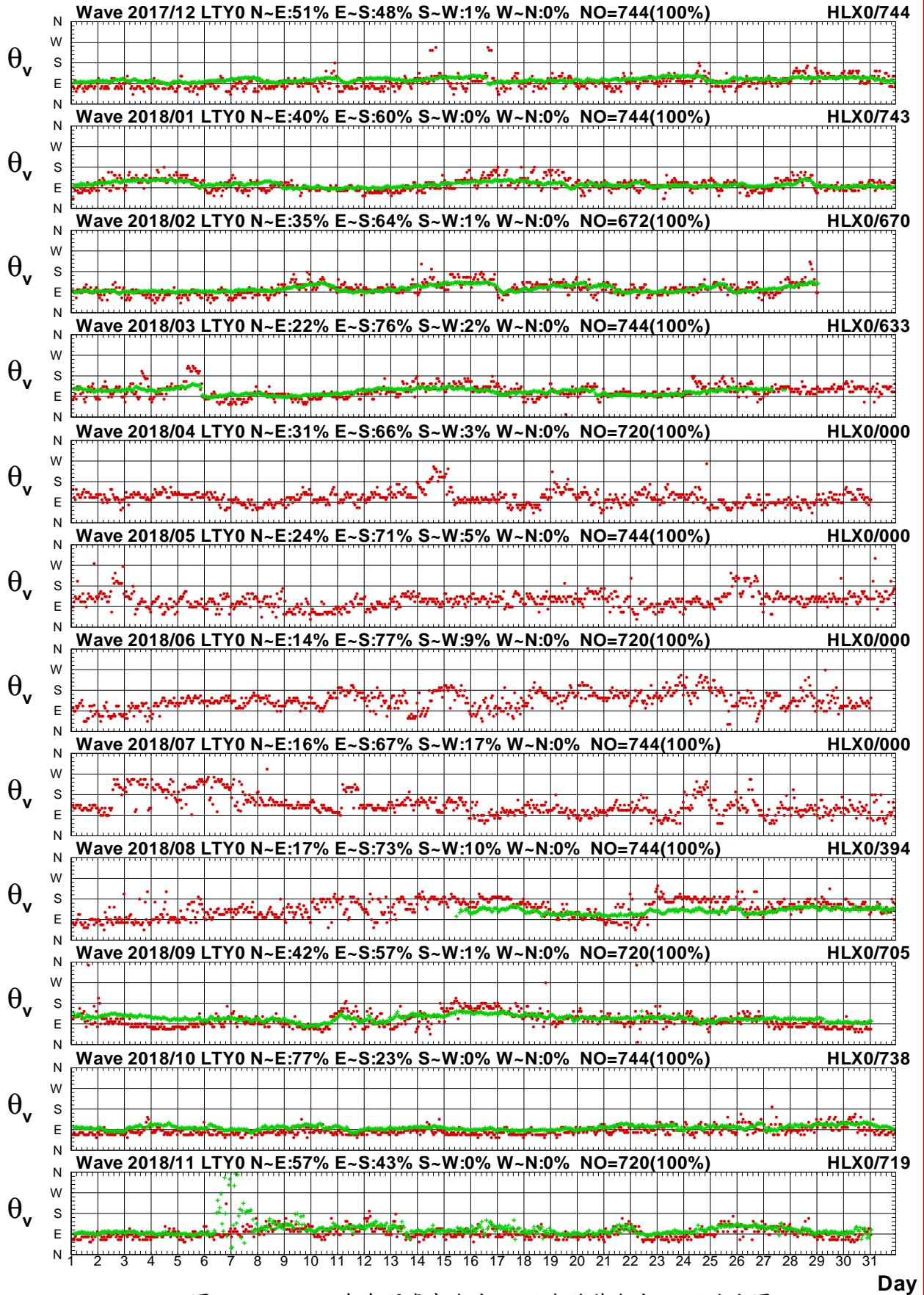


圖2.3.3c 2018年每月臺東海域 Y 站與花蓮海域 X 站波向圖

V17CLTY0.1HA V17CHLX0.1H0 V181LTY0.1HA V181HLX0.1H0 V182LTY0.1HA V182HLX0.1H0
 V183LTY0.1HA V183HLX0.1H0 V184LTY0.1HA V184HLX0.1H0 V185LTY0.1HA V185HLX0.1H0

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Wave H_s in Lu-Tao Harbor of LTY0 at 2018

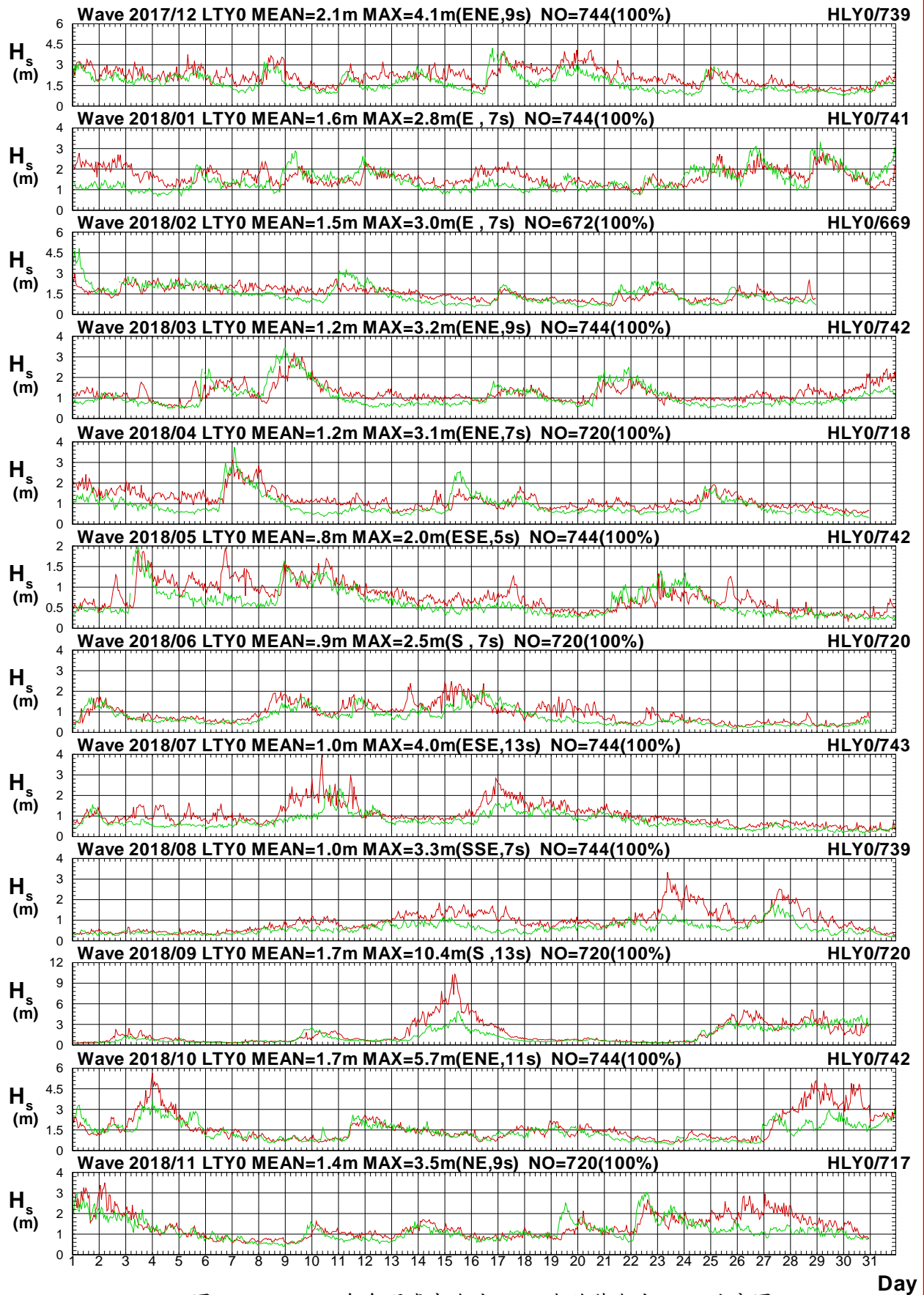


圖2.3.4a 2018年每月臺東海域 Y 站與花蓮海域 Y 站波高圖

V17CLTY0.1HA V17CHLY0.1H0 V181LTY0.1HA V181HLY0.1H0 V182LTY0.1HA V182HLY0.1H0
 V183LTY0.1HA V183HLY0.1H0 V184LTY0.1HA V184HLY0.1H0 V185LTY0.1HA V185HLY0.1H0

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Wave T_p in Lu-Tao Harbor of LTY0 at 2018

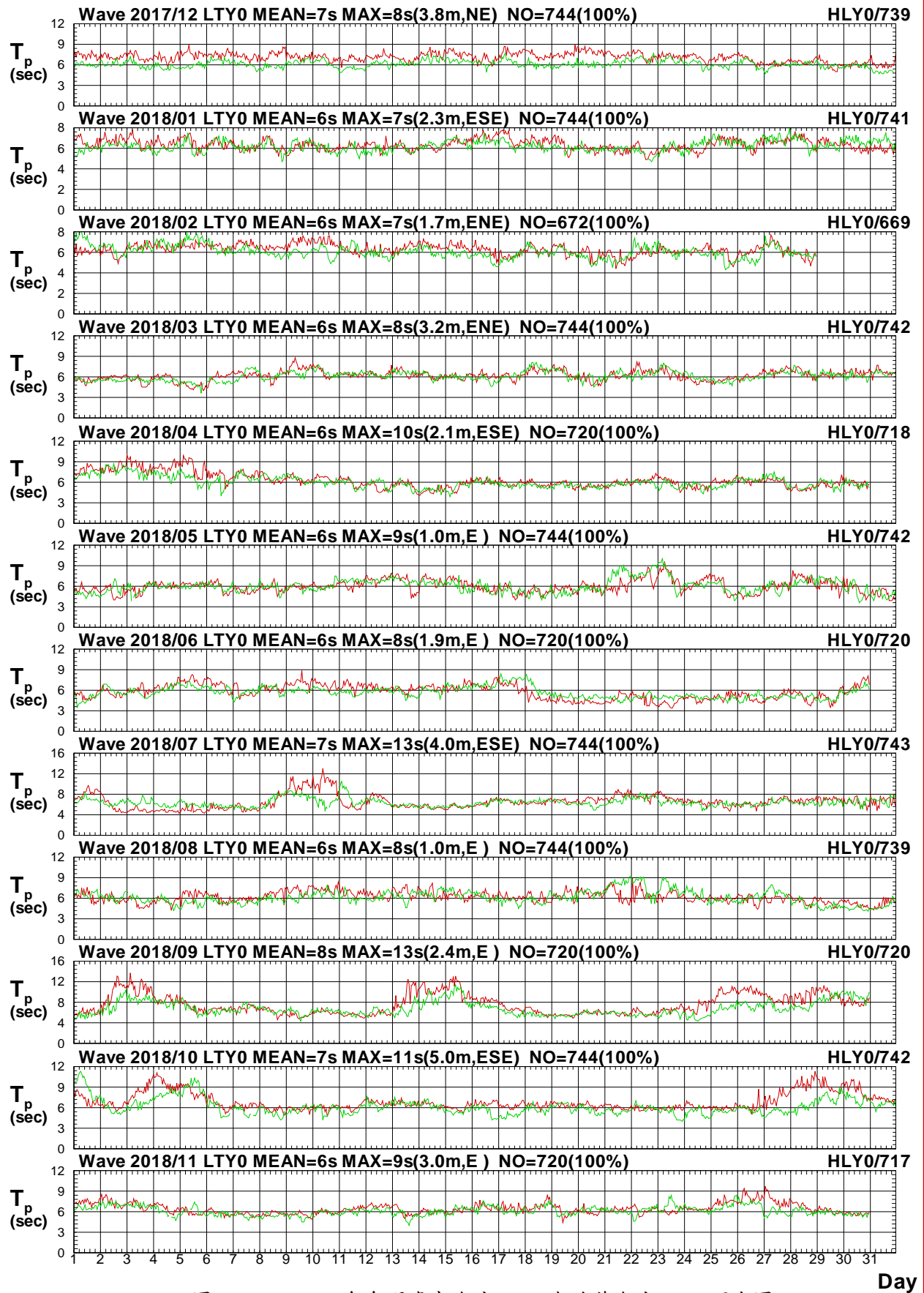


圖2.3.4b 2018年每月臺東海域 Y 站與花蓮海域 Y 站週期圖

V17CLTY0.1HA V17CHLY0.1H0 V181LTY0.1HA V181HLY0.1H0 V182LTY0.1HA V182HLY0.1H0
 V183LTY0.1HA V183HLY0.1H0 V184LTY0.1HA V184HLY0.1H0 V185LTY0.1HA V185HLY0.1H0

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Wave Direction in Lu-Tao Harbor of LTY0 at 2018

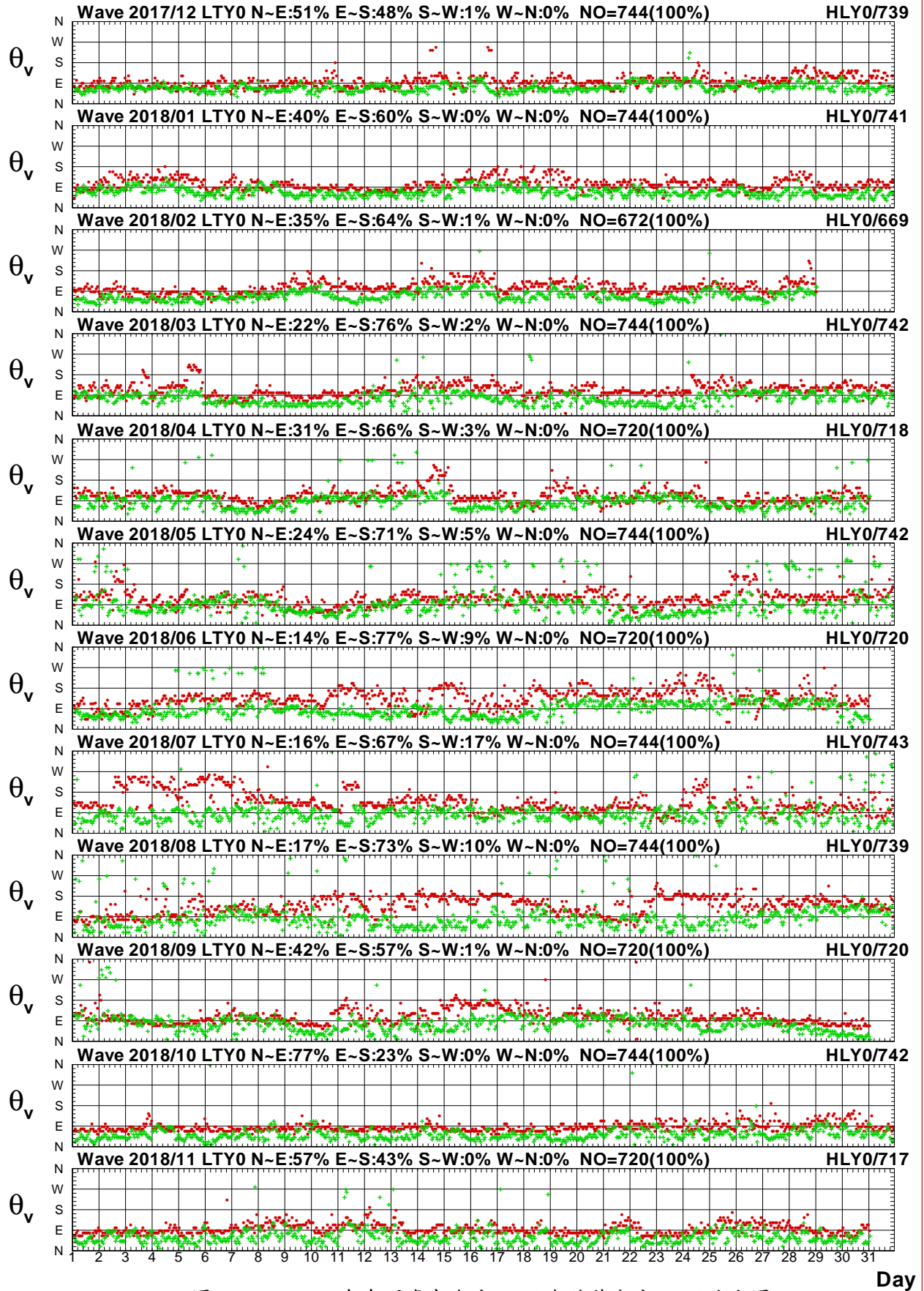


圖2.3.4c 2018年每月臺東海域 Y 站與花蓮海域 Y 站波向圖

V17CLTY0.1HA V17CHLY0.1H0 V181LTY0.1HA V181HLY0.1H0 V182LTY0.1HA V182HLY0.1H0
 V183LTY0.1HA V183HLY0.1H0 V184LTY0.1HA V184HLY0.1H0 V185LTY0.1HA V185HLY0.1H0

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Wave H_s in Lu-Tao Harbor of LTY0 at 2018

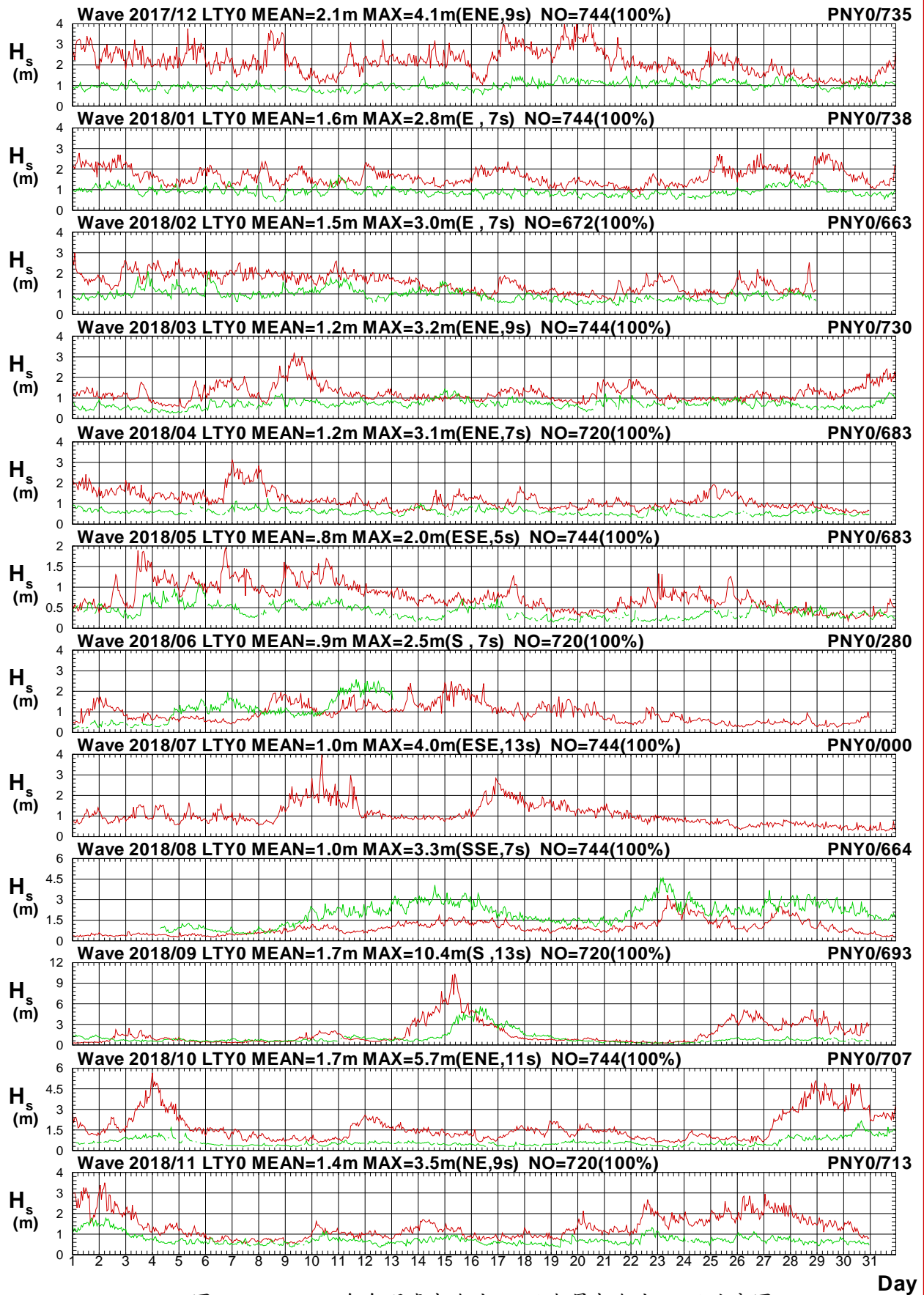


圖2.3.5a 2018年每月臺東海域 Y 站與屏東海域 Y 站波高圖

V17CLTY0.1HA V17CPNY0.1H0 V181LTY0.1HA V181PNY0.1H0 V182LTY0.1HA V182PNY0.1H0
 V183LTY0.1HA V183PNY0.1H0 V184LTY0.1HA V184PNY0.1H0 V185LTY0.1HA V185PNY0.1H0

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Wave T_p in Lu-Tao Harbor of LTY0 at 2018

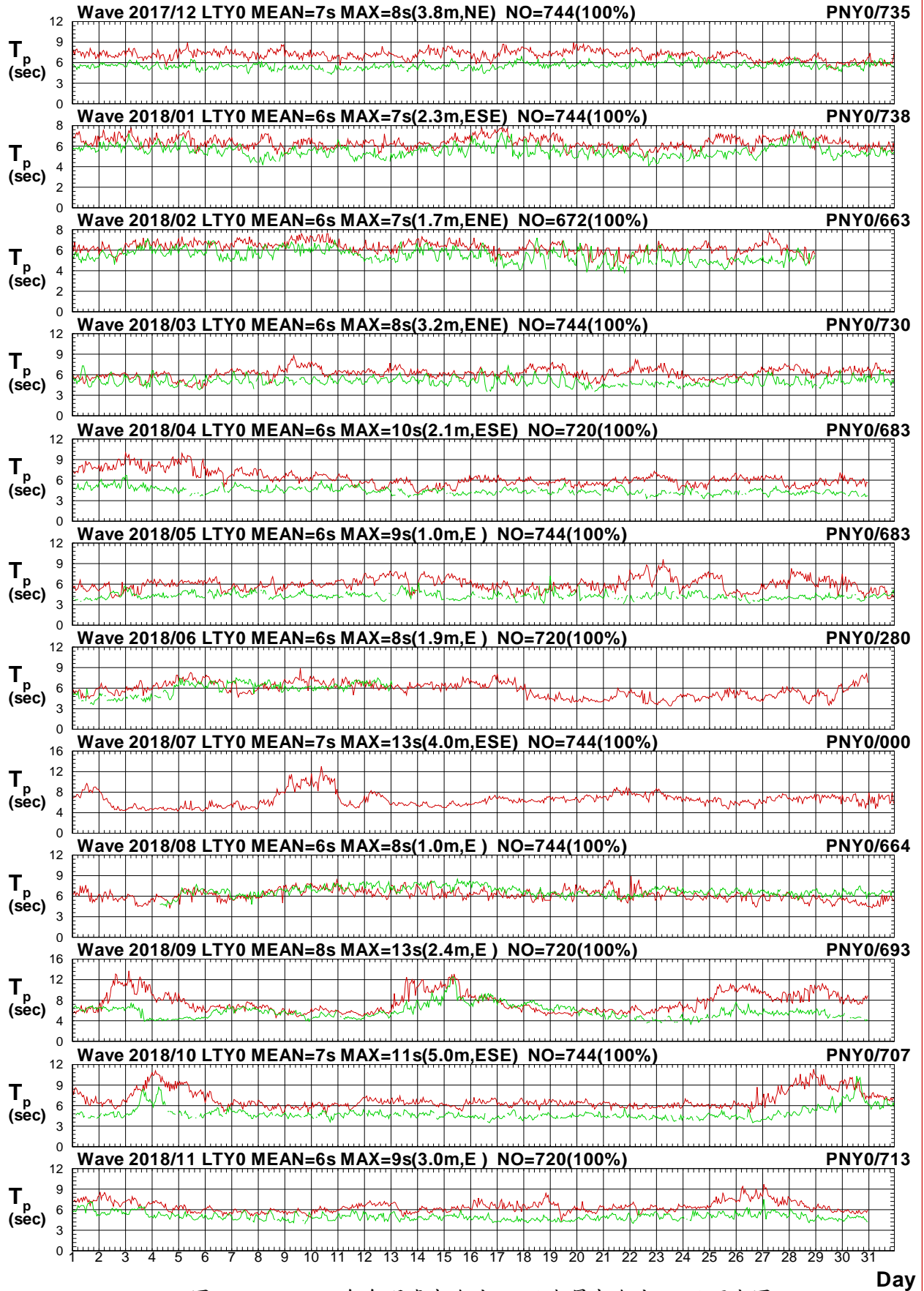


圖2.3.5b 2018年每月臺東海域 Y 站與屏東海域 Y 站週期圖

V17CLTY0.1HA V17CPNY0.1H0 V181LTY0.1HA V181PNY0.1H0 V182LTY0.1HA V182PNY0.1H0
 V183LTY0.1HA V183PNY0.1H0 V184LTY0.1HA V184PNY0.1H0 V185LTY0.1HA V185PNY0.1H0

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Wave Direction in Lu-Tao Harbor of LTY0 at 2018

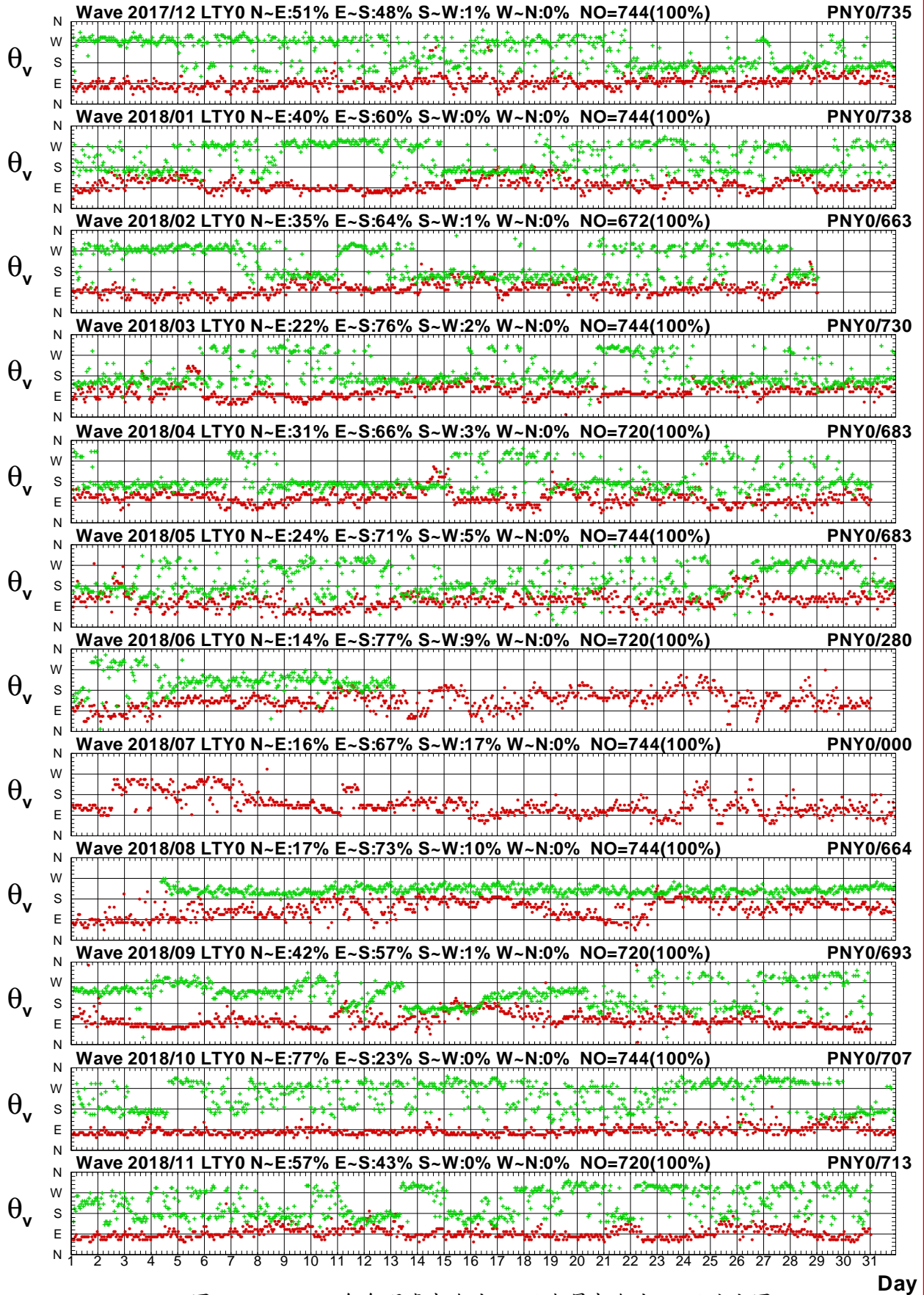


圖2.3.5c 2018年每月臺東海域 Y 站與屏東海域 Y 站波向圖

V17CLTY0.1HA V17CPNY0.1H0 V181LTY0.1HA V181PNY0.1H0 V182LTY0.1HA V182PNY0.1H0
 V183LTY0.1HA V183PNY0.1H0 V184LTY0.1HA V184PNY0.1H0 V185LTY0.1HA V185PNY0.1H0

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Wave H_s in Lu-Tao Harbor of LTY0 at 2018

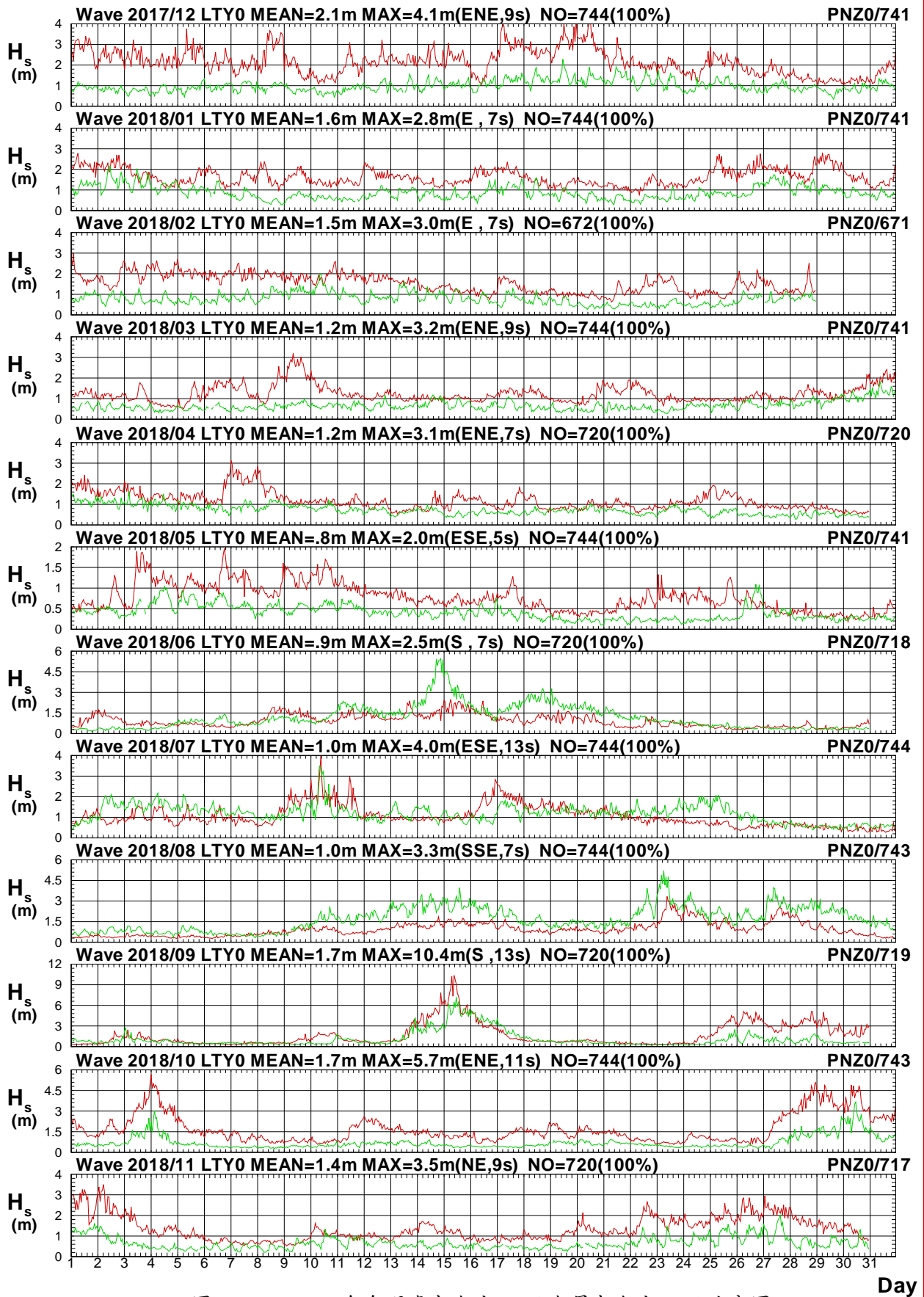


圖2.3.6a 2018年每月臺東海域 Y 站與屏東海域 Z 站波高圖

V17CLTY0.1HA V17CPNZ0.1H0 V181LTY0.1HA V181PNZ0.1H0 V182LTY0.1HA V182PNZ0.1H0
 V183LTY0.1HA V183PNZ0.1H0 V184LTY0.1HA V184PNZ0.1H0 V185LTY0.1HA V185PNZ0.1H0

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Wave T_p in Lu-Tao Harbor of LTY0 at 2018

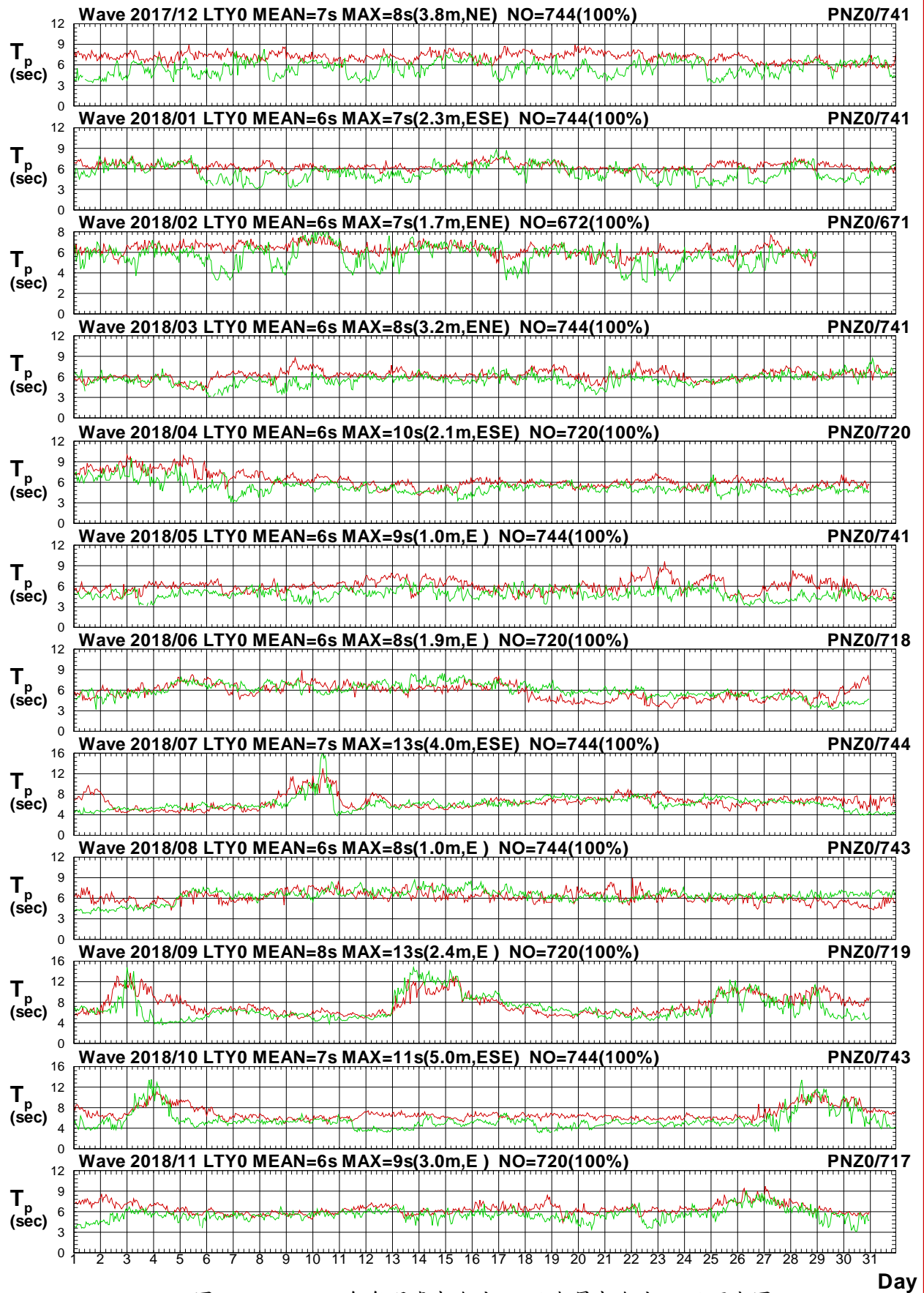


圖2.3.6b 2018年每月臺東海域 Y 站與屏東海域 Z 站週期圖

V17CLTY0.1HA V17CPNZ0.1H0 V181LTY0.1HA V181PNZ0.1H0 V182LTY0.1HA V182PNZ0.1H0
 V183LTY0.1HA V183PNZ0.1H0 V184LTY0.1HA V184PNZ0.1H0 V185LTY0.1HA V185PNZ0.1H0

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Wave Direction in Lu-Tao Harbor of LTY0 at 2018

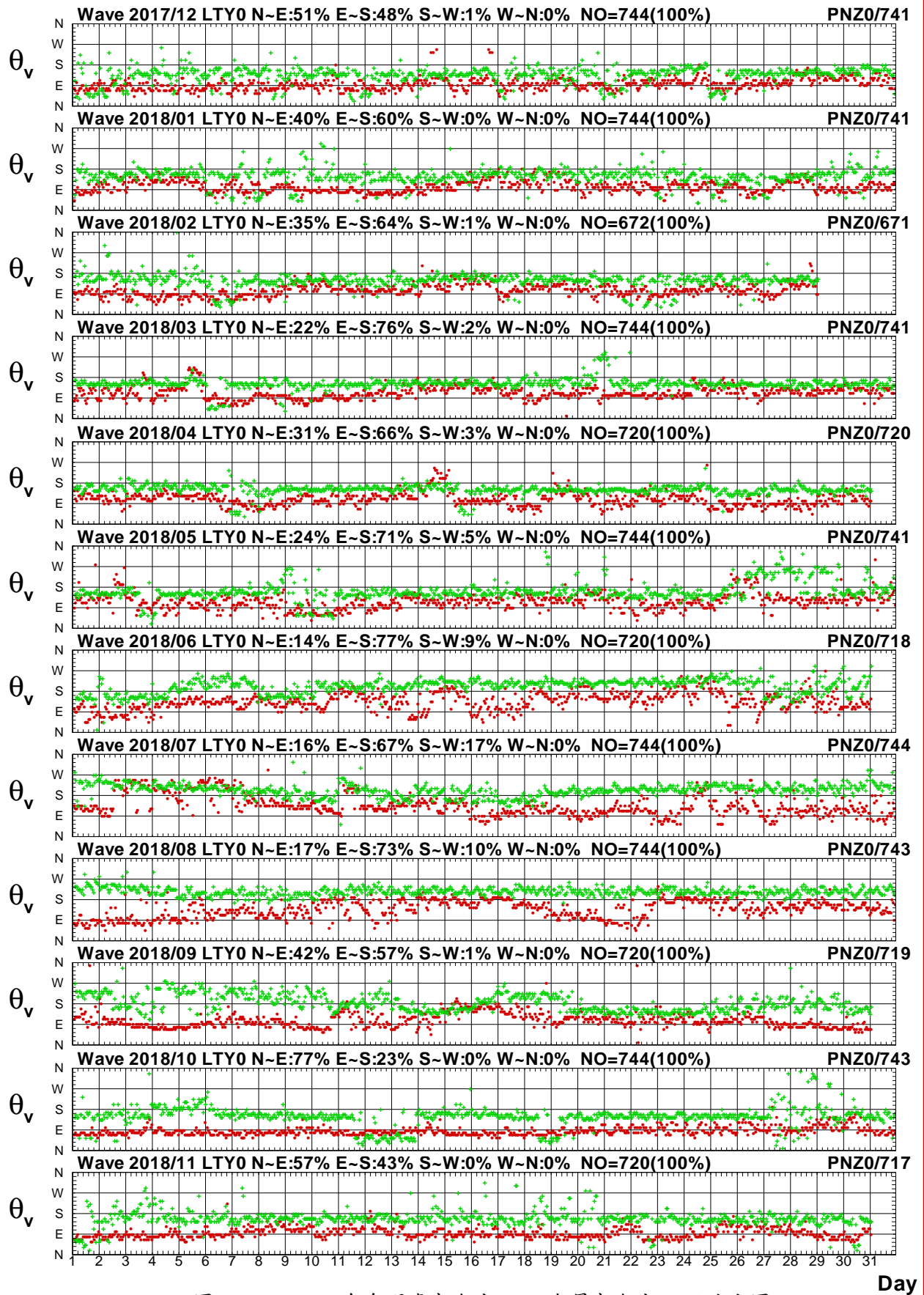


圖2.3.6c 2018年每月臺東海域 Y 站與屏東海域 Z 站波向圖

V17CLTY0.1HA V17CPNZ0.1H0 V181LTY0.1HA V181PNZ0.1H0 V182LTY0.1HA V182PNZ0.1H0
 V183LTY0.1HA V183PNZ0.1H0 V184LTY0.1HA V184PNZ0.1H0 V185LTY0.1HA V185PNZ0.1H0

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Wave H_s in Lu-Tao Harbor of LTY0 at 2018

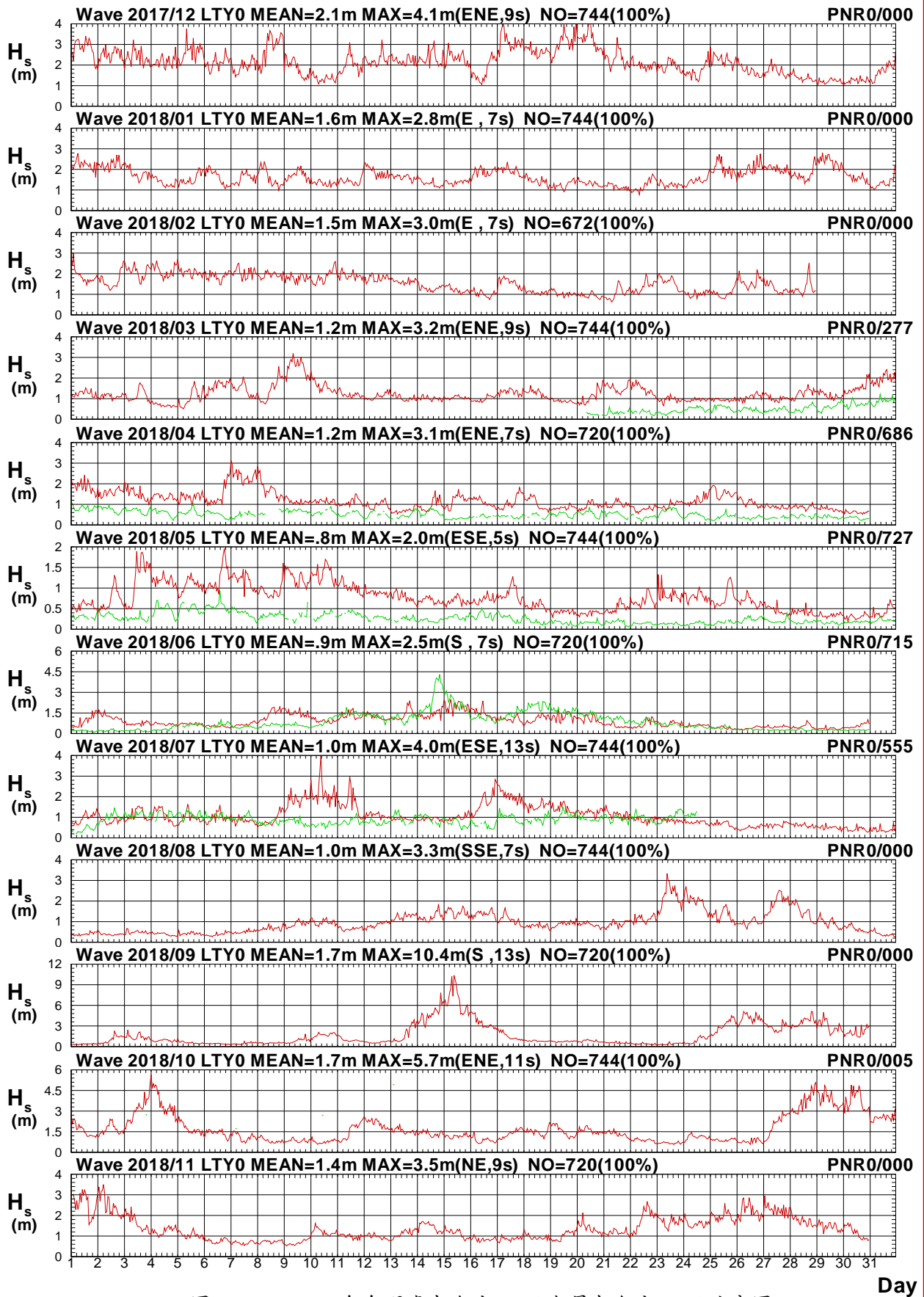


圖2.3.7a 2018年每月臺東海域 Y 站與屏東海域 R 站波高圖

V17CLTY0.1HA V17CPNR0.1HO V181LTY0.1HA V181PNR0.1HO V182LTY0.1HA V182PNR0.1HO
 V183LTY0.1HA V183PNR0.1HO V184LTY0.1HA V184PNR0.1HO V185LTY0.1HA V185PNR0.1HO

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Wave T_p in Lu-Tao Harbor of LTY0 at 2018

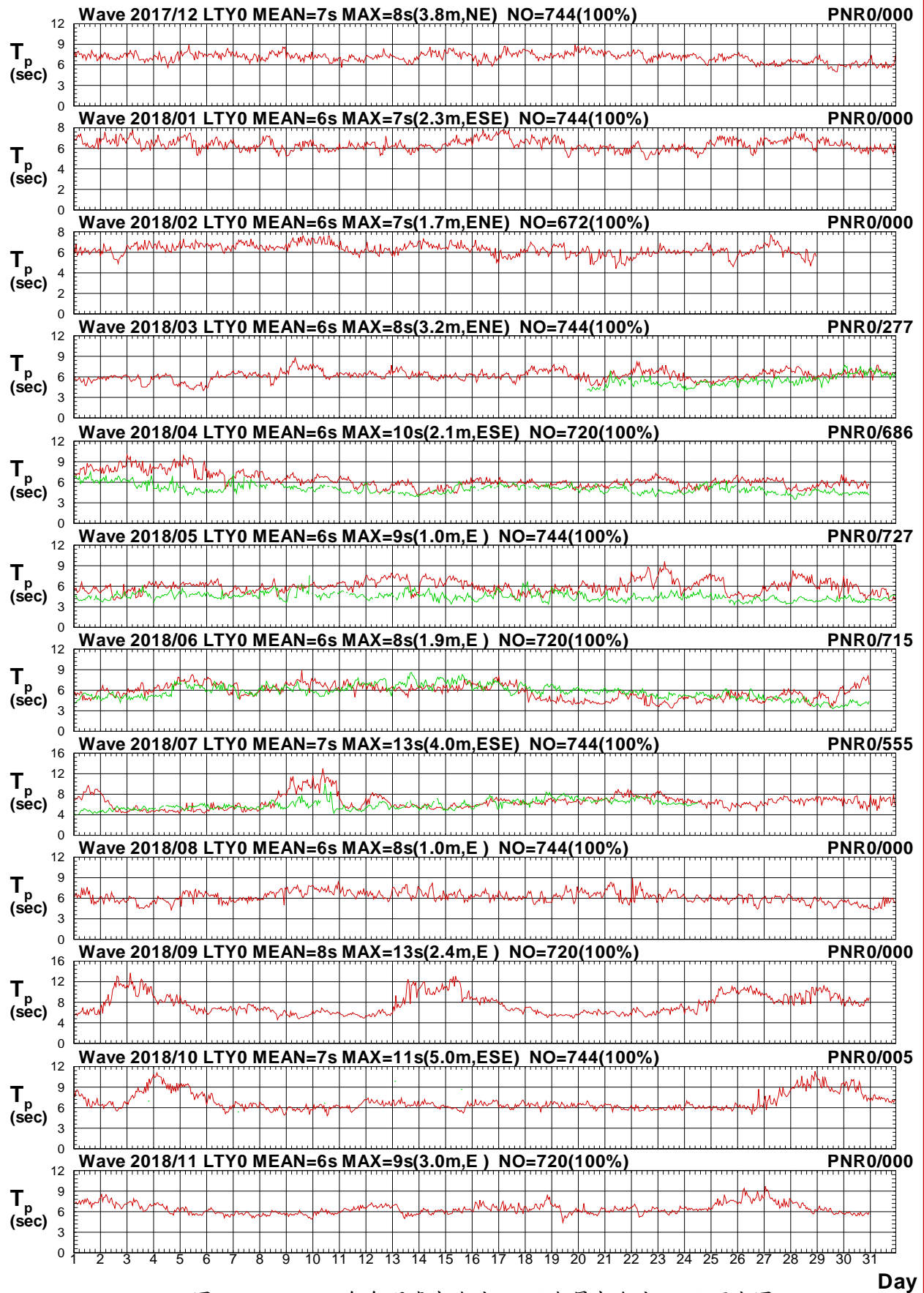


圖2.3.7b 2018年每月臺東海域 Y 站與屏東海域 R 站週期圖

V17CLTY0.1HA V17CPNR0.1HO V181LTY0.1HA V181PNR0.1HO V182LTY0.1HA V182PNR0.1HO
 V183LTY0.1HA V183PNR0.1HO V184LTY0.1HA V184PNR0.1HO V185LTY0.1HA V185PNR0.1HO

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Wave Direction in Lu-Tao Harbor of LTY0 at 2018

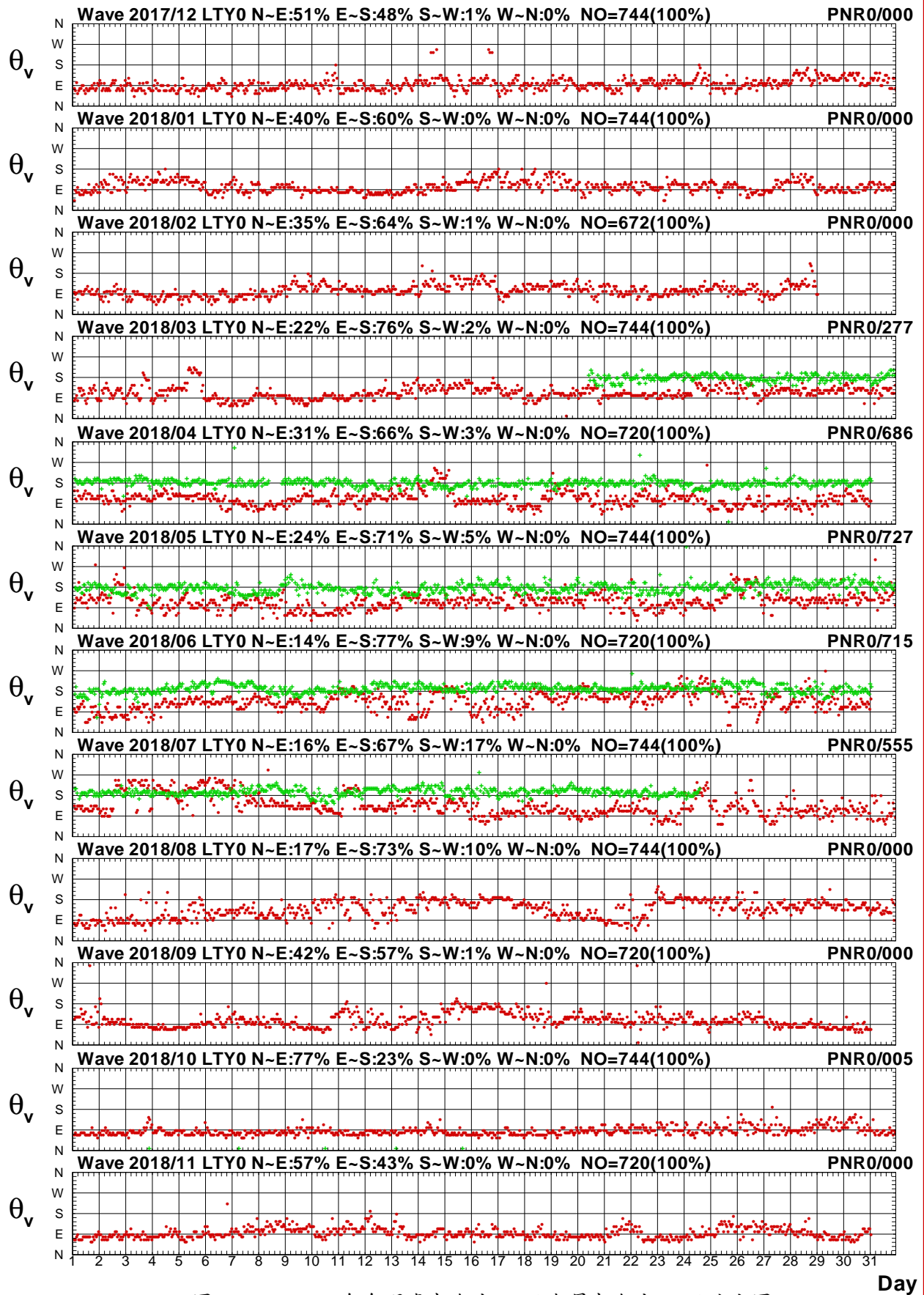


圖2.3.7c 2018年每月臺東海域 Y 站與屏東海域 R 站波向圖

V17CLTY0.1HA V17CPNR0.1HO V181LTY0.1HA V181PNR0.1HO V182LTY0.1HA V182PNR0.1HO
 V183LTY0.1HA V183PNR0.1HO V184LTY0.1HA V184PNR0.1HO V185LTY0.1HA V185PNR0.1HO

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2.4 2018年臺東海域波浪**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 Lu-Tao Harbor of LTX0 at 2018

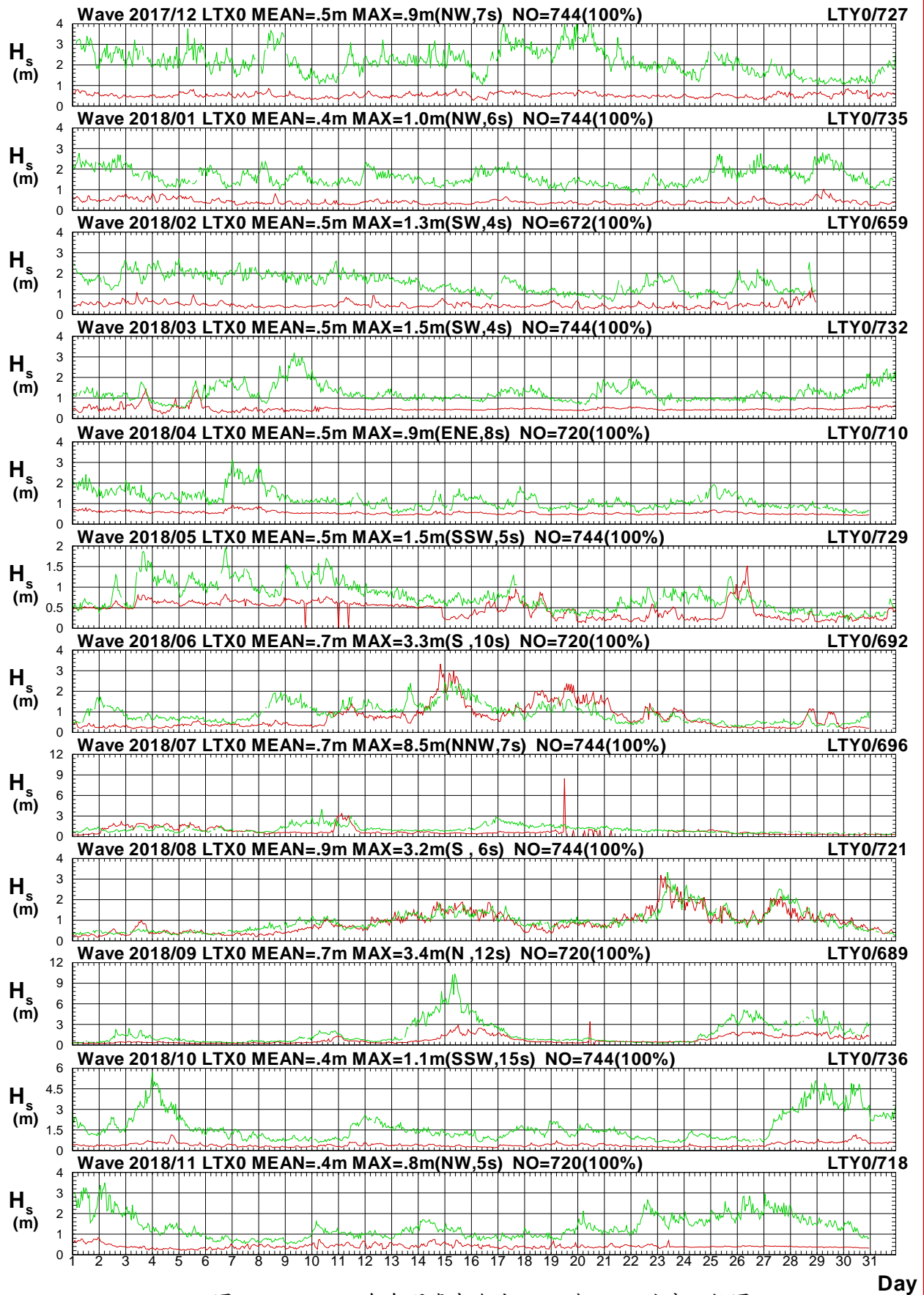


圖2.4.1a 2018年每月臺東海域 X 站與 Y 站波高比較圖

V17CLTX0.1HA V17CLTY0.1H0 V181LTX0.1HA V181LTY0.1H0 V182LTX0.1HA V182LTY0.1H0
 V183LTX0.1HA V183LTY0.1H0 V184LTX0.1HA V184LTY0.1H0 V185LTX0.1HA V185LTY0.1H0

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Wave T_p in Lu-Tao Harbor of LTX0 at 2018

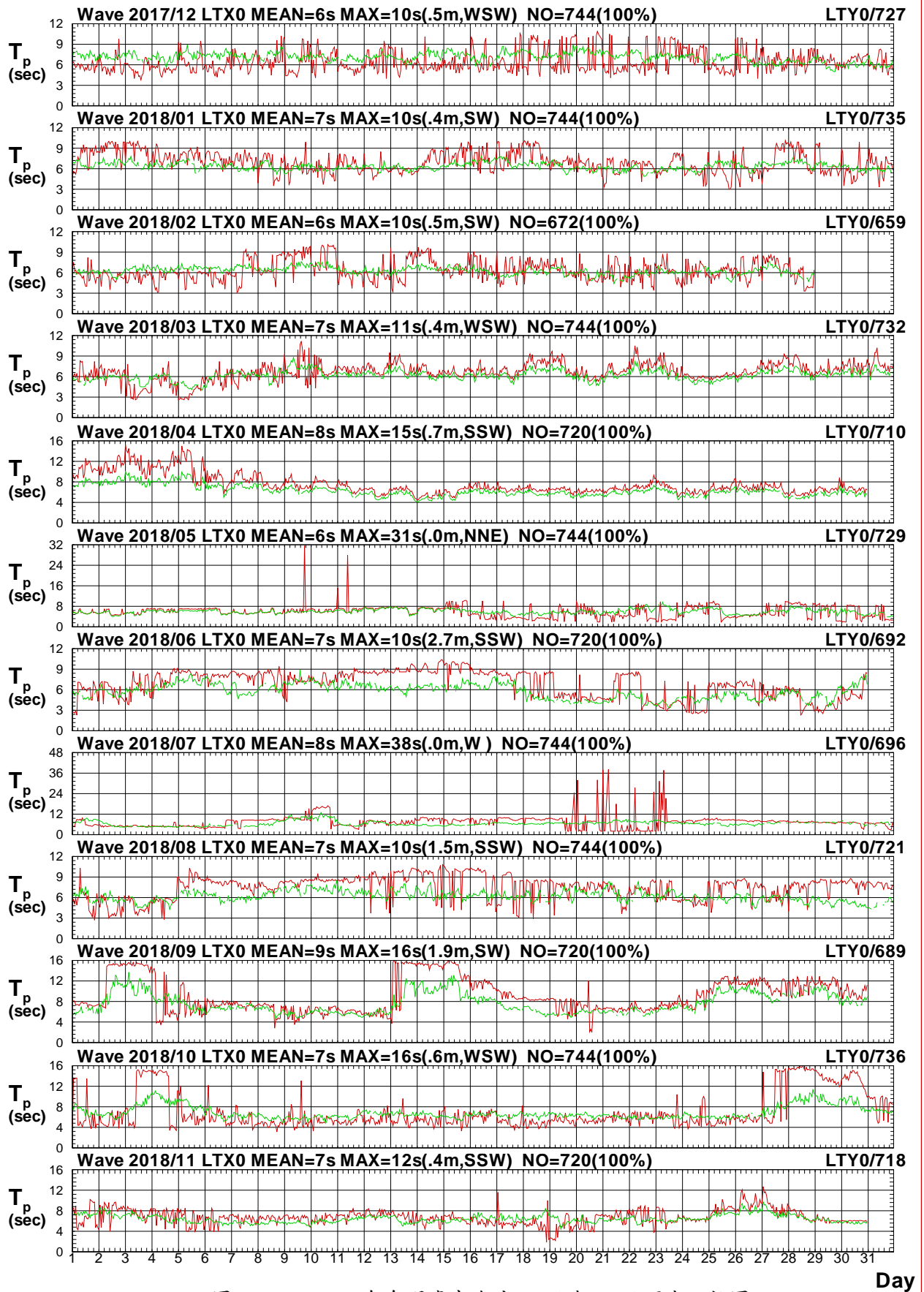


圖2.4.1b 2018年每月臺東海域 X 站與 Y 站週期比較圖

V17CLTX0.1HA V17CLTY0.1H0 V181LTX0.1HA V181LTY0.1H0 V182LTX0.1HA V182LTY0.1H0
 V183LTX0.1HA V183LTY0.1H0 V184LTX0.1HA V184LTY0.1H0 V185LTX0.1HA V185LTY0.1H0

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Wave Direction in Lu-Tao Harbor of LTX0 at 2018

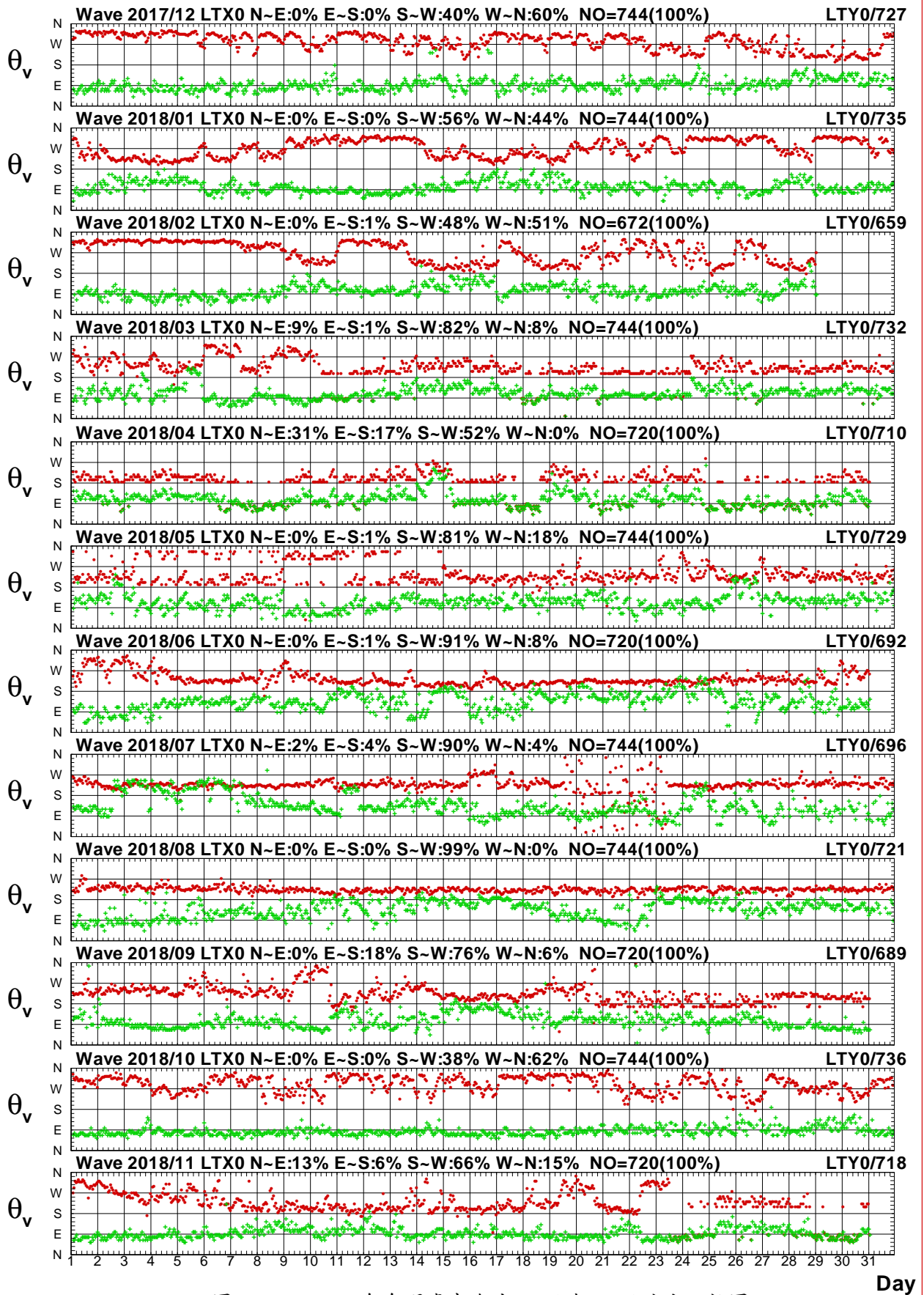


圖2.4.1c 2018年每月臺東海域 X 站與 Y 站波向比較圖

V17CLTX0.1HA V17CLTY0.1H0 V181LTX0.1HA V181LTY0.1H0 V182LTX0.1HA V182LTY0.1H0
 V183LTX0.1HA V183LTY0.1H0 V184LTX0.1HA V184LTY0.1H0 V185LTX0.1HA V185LTY0.1H0

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Wave H_s in Lu-Tao Harbor of LTX0 at 2018

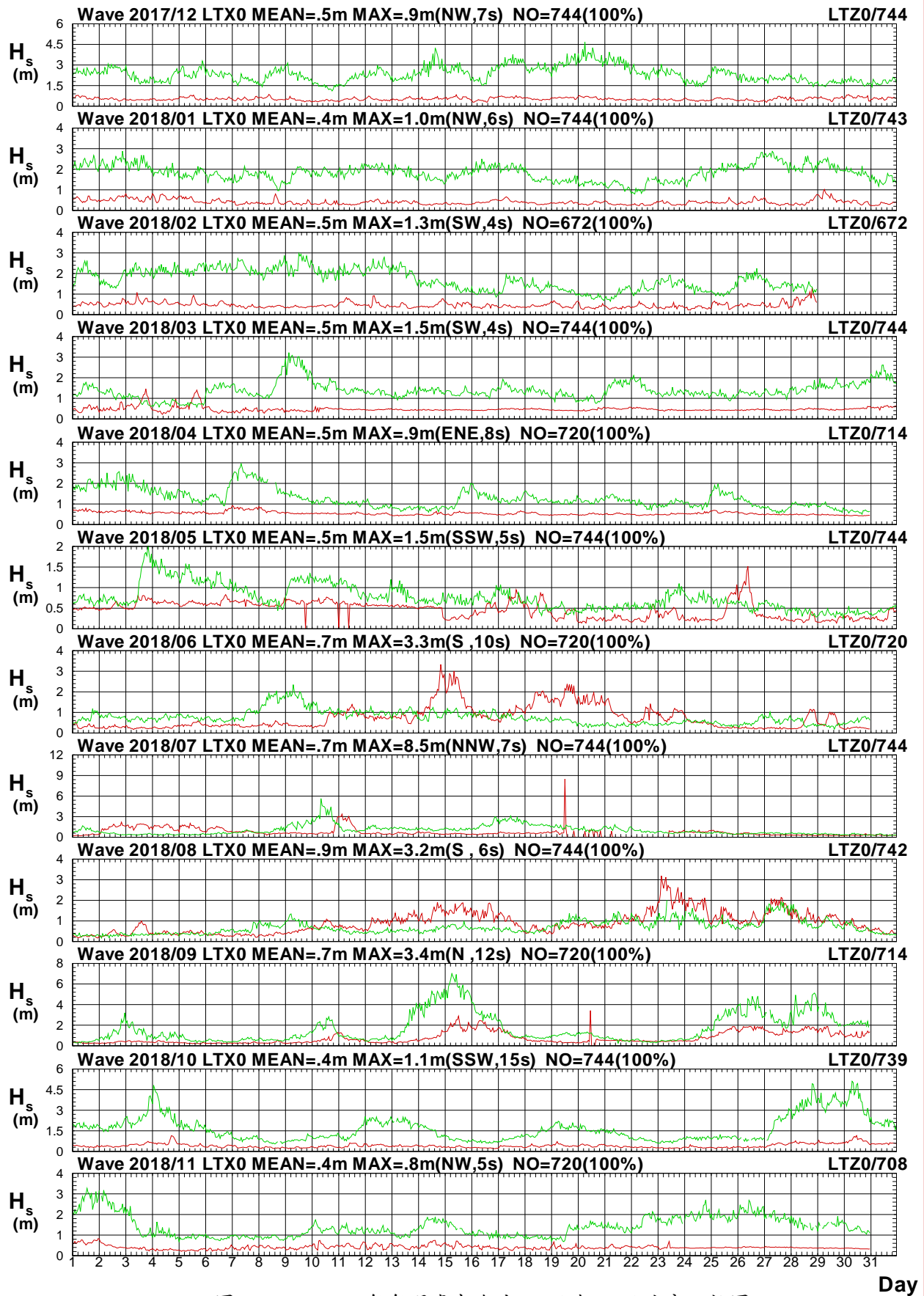


圖2.4.2a 2018年每月臺東海域 X 站與 Z 站波高比較圖

V17CLTX0.1HA V17CLTZ0.1H0 V181LTX0.1HA V181LTZ0.1H0 V182LTX0.1HA V182LTZ0.1H0
 V183LTX0.1HA V183LTZ0.1H0 V184LTX0.1HA V184LTZ0.1H0 V185LTX0.1HA V185LTZ0.1H0

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Wave T_p in Lu-Tao Harbor of LTX0 at 2018

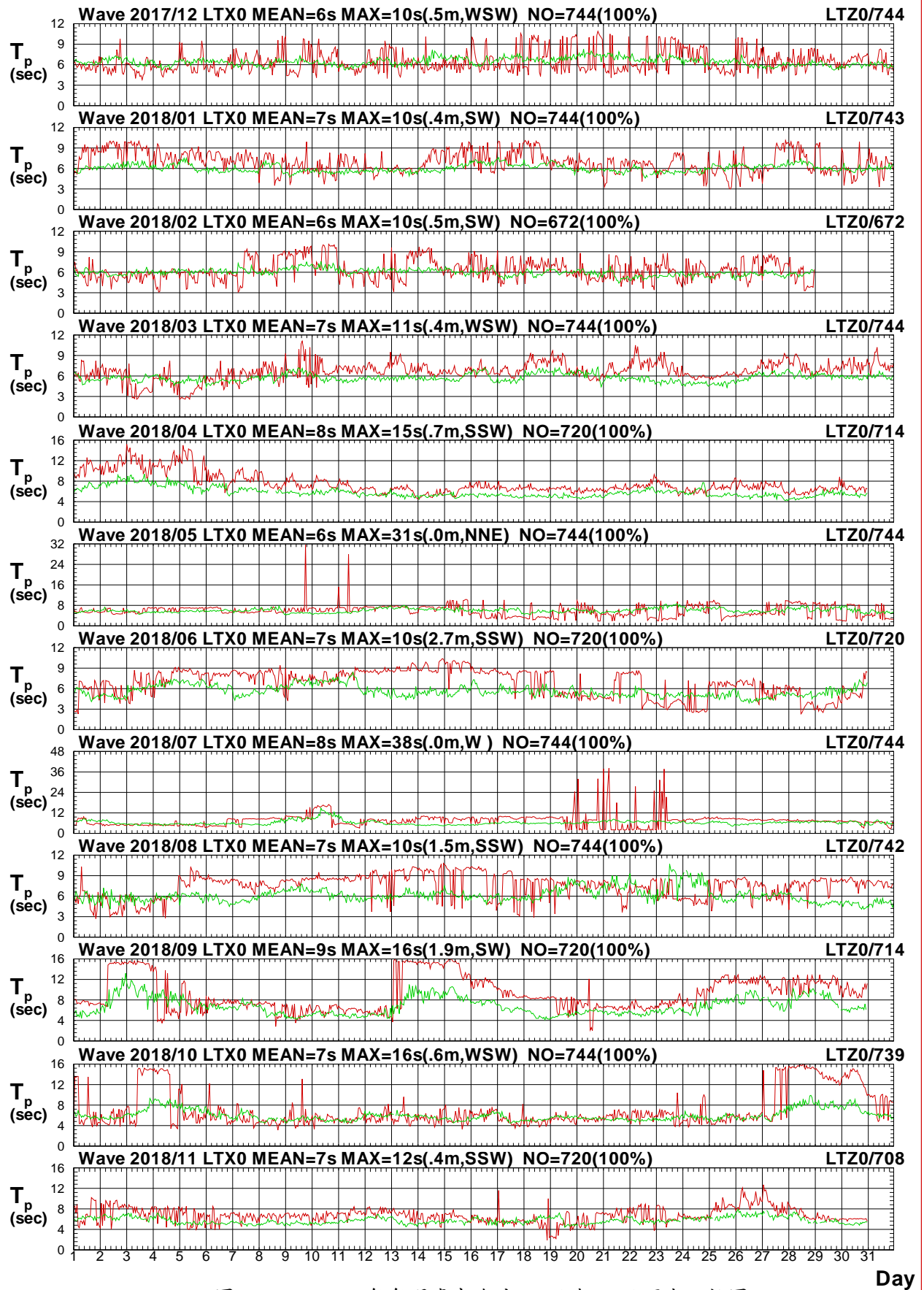


圖2.4.2b 2018年每月臺東海域 X 站與 Z 站週期比較圖

V17CLTX0.1HA V17CLTZ0.1H0 V181LTX0.1HA V181LTZ0.1H0 V182LTX0.1HA V182LTZ0.1H0
 V183LTX0.1HA V183LTZ0.1H0 V184LTX0.1HA V184LTZ0.1H0 V185LTX0.1HA V185LTZ0.1H0

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Wave Direction in Lu-Tao Harbor of LTX0 at 2018

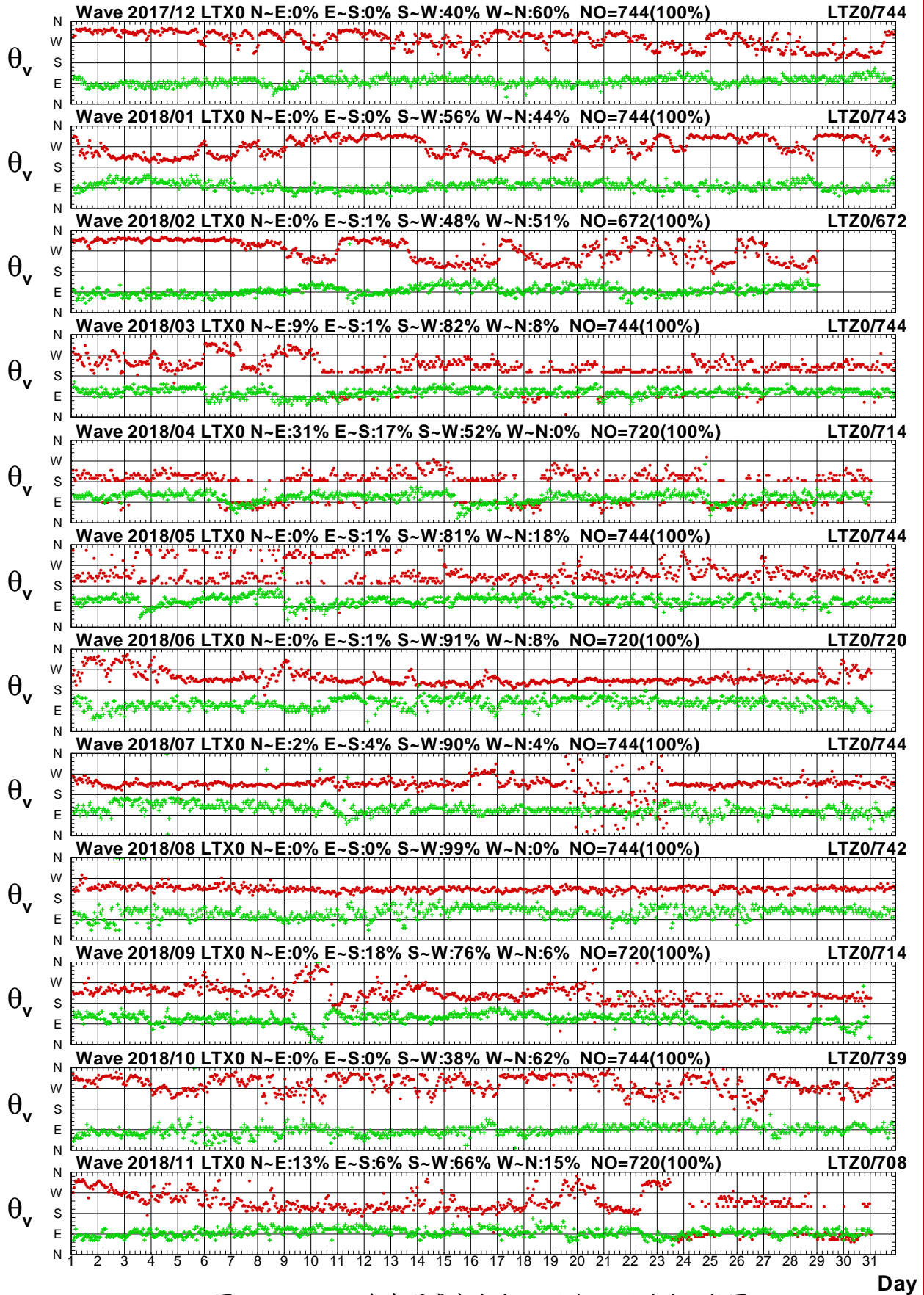


圖2.4.2c 2018年每月臺東海域 X 站與 Z 站波向比較圖

V17CLTX0.1HA V17CLTZ0.1H0 V181LTX0.1HA V181LTZ0.1H0 V182LTX0.1HA V182LTZ0.1H0
 V183LTX0.1HA V183LTZ0.1H0 V184LTX0.1HA V184LTZ0.1H0 V185LTX0.1HA V185LTZ0.1H0

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Wave H_s in Lu-Tao Harbor of LTX0 at 2018

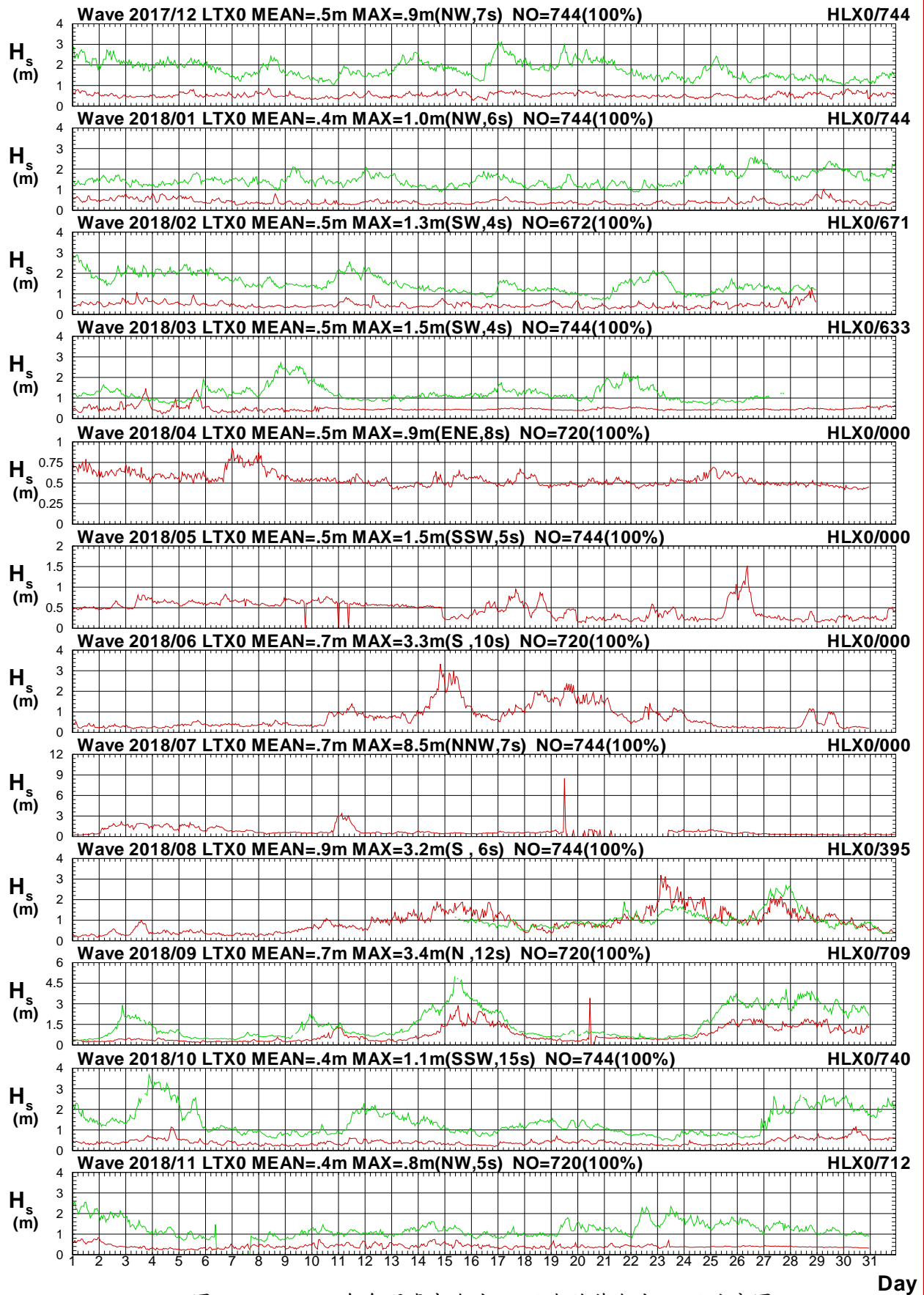


圖2.4.3a 2018年每月臺東海域 X 站與花蓮海域 X 站波高圖

V17CLTX0.1HA V17CHLX0.1H0 V181LTX0.1HA V181HLX0.1H0 V182LTX0.1HA V182HLX0.1H0
 V183LTX0.1HA V183HLX0.1H0 V184LTX0.1HA V184HLX0.1H0 V185LTX0.1HA V185HLX0.1H0

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Wave T_p in Lu-Tao Harbor of LTX0 at 2018

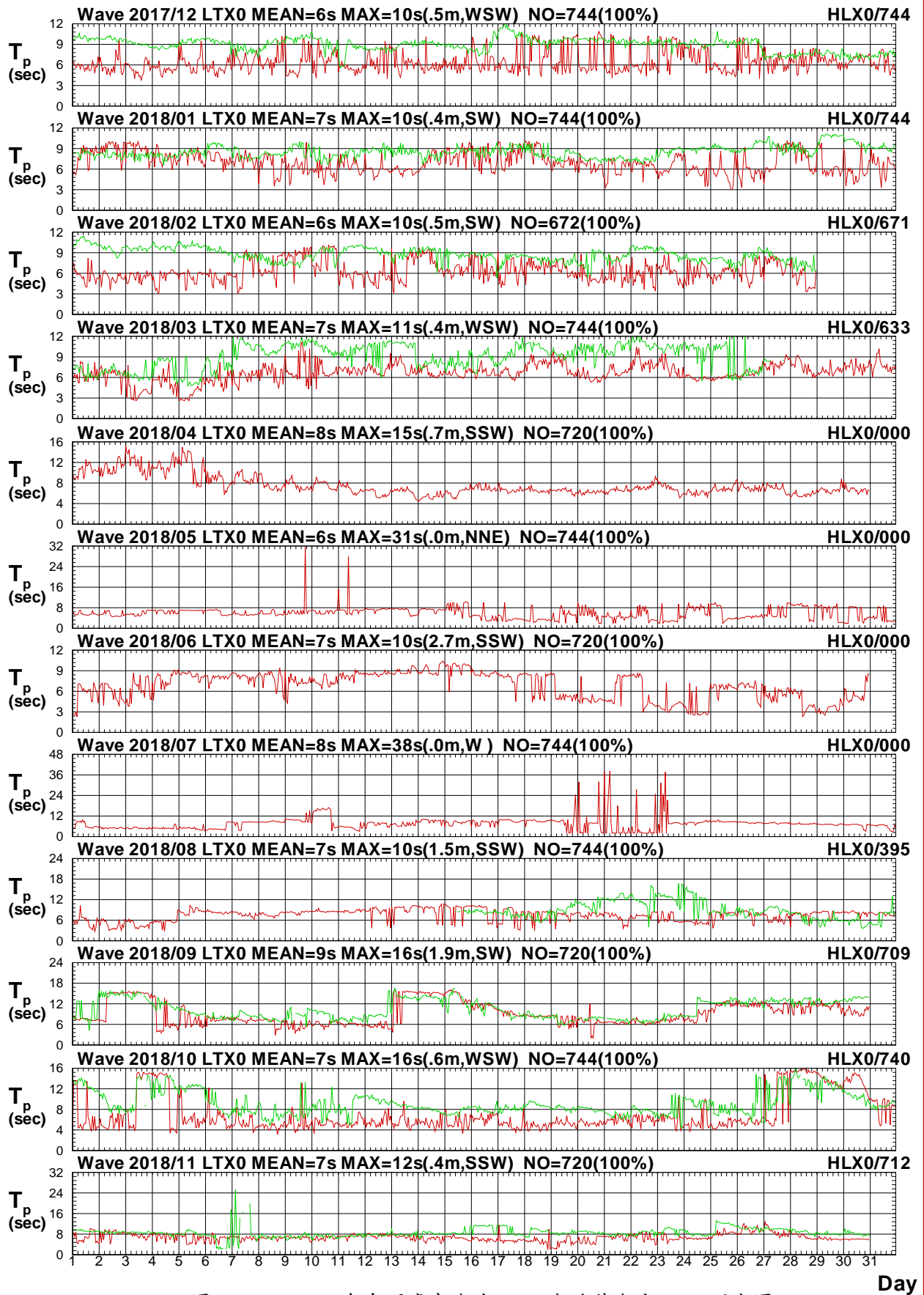


圖2.4.3b 2018年每月臺東海域 X 站與花蓮海域 X 站週期圖

V17CLTX0.1HA V17CHLX0.1H0 V181LTX0.1HA V181HLX0.1H0 V182LTX0.1HA V182HLX0.1H0
 V183LTX0.1HA V183HLX0.1H0 V184LTX0.1HA V184HLX0.1H0 V185LTX0.1HA V185HLX0.1H0

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Wave Direction in Lu-Tao Harbor of LTX0 at 2018

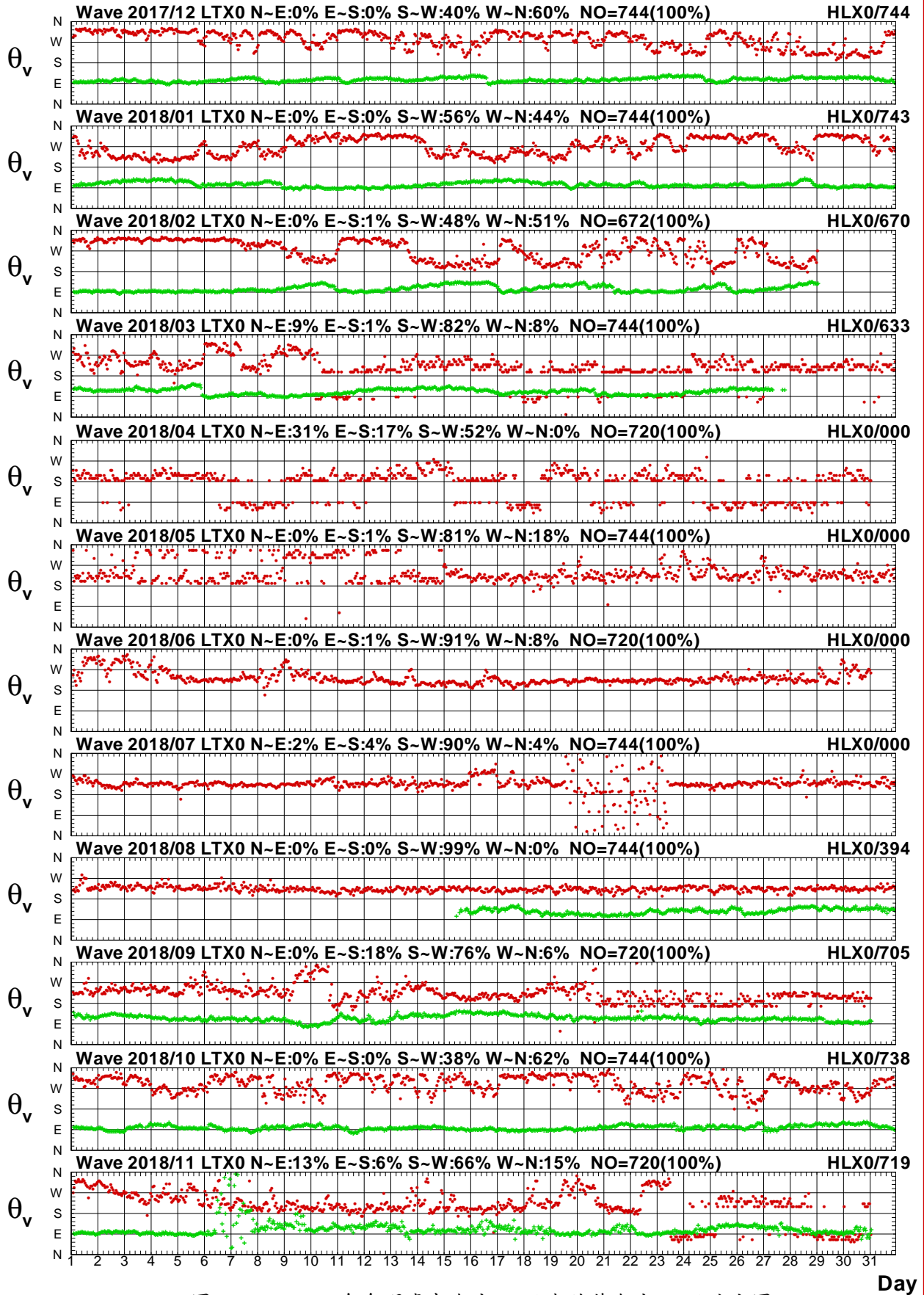


圖2.4.3c 2018年每月臺東海域 X 站與花蓮海域 X 站波向圖

V17CLTX0.1HA V17CHLX0.1H0 V181LTX0.1HA V181HLX0.1H0 V182LTX0.1HA V182HLX0.1H0
 V183LTX0.1HA V183HLX0.1H0 V184LTX0.1HA V184HLX0.1H0 V185LTX0.1HA V185HLX0.1H0

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Wave H_s in Lu-Tao Harbor of LTX0 at 2018

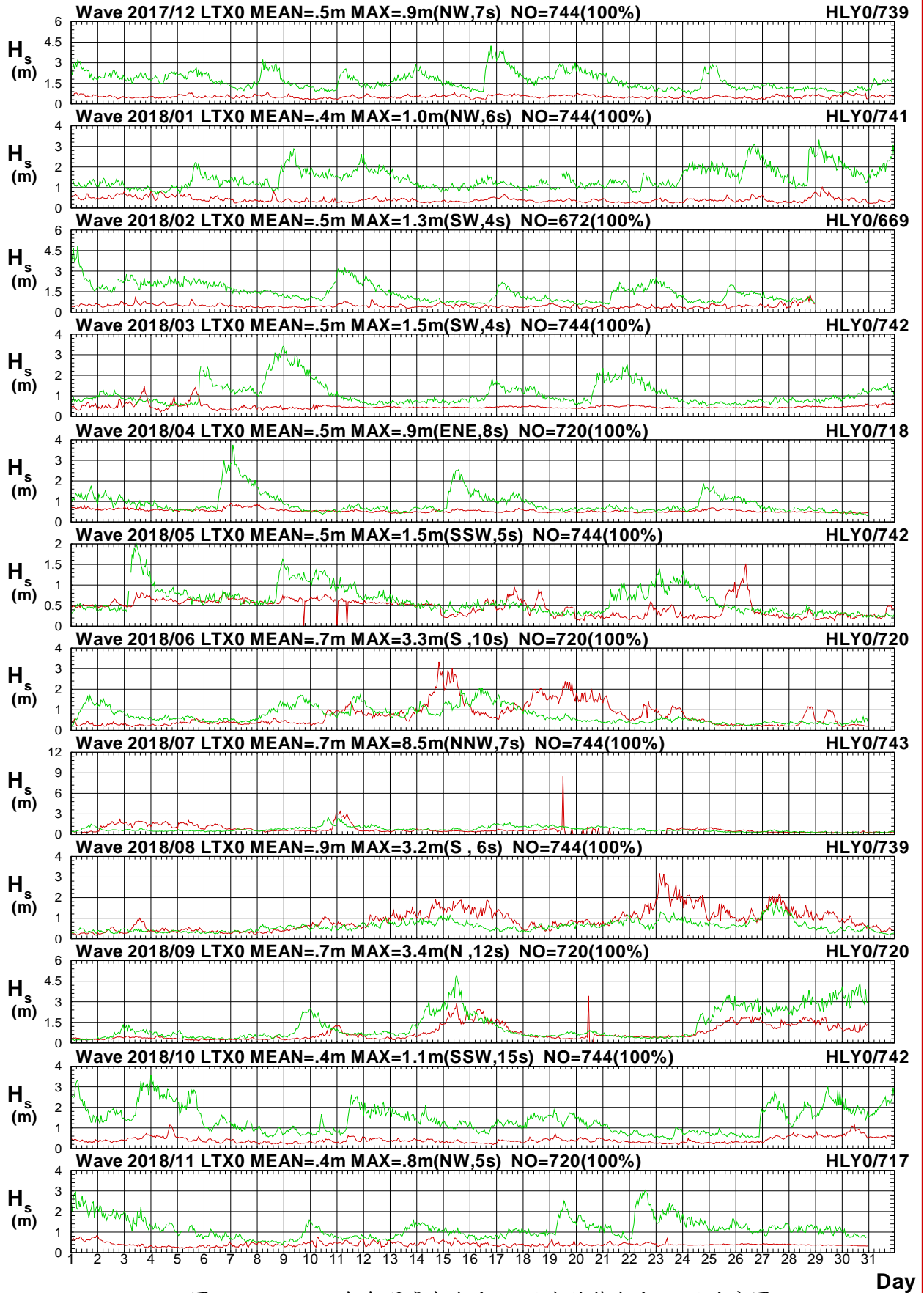


圖2.4.4a 2018年每月臺東海域 X 站與花蓮海域 Y 站波高圖

V17CLTX0.1HA V17CHLY0.1HO V181LTX0.1HA V181HLY0.1HO V182LTX0.1HA V182HLY0.1HO
 V183LTX0.1HA V183HLY0.1HO V184LTX0.1HA V184HLY0.1HO V185LTX0.1HA V185HLY0.1HO

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Wave T_p in Lu-Tao Harbor of LTX0 at 2018

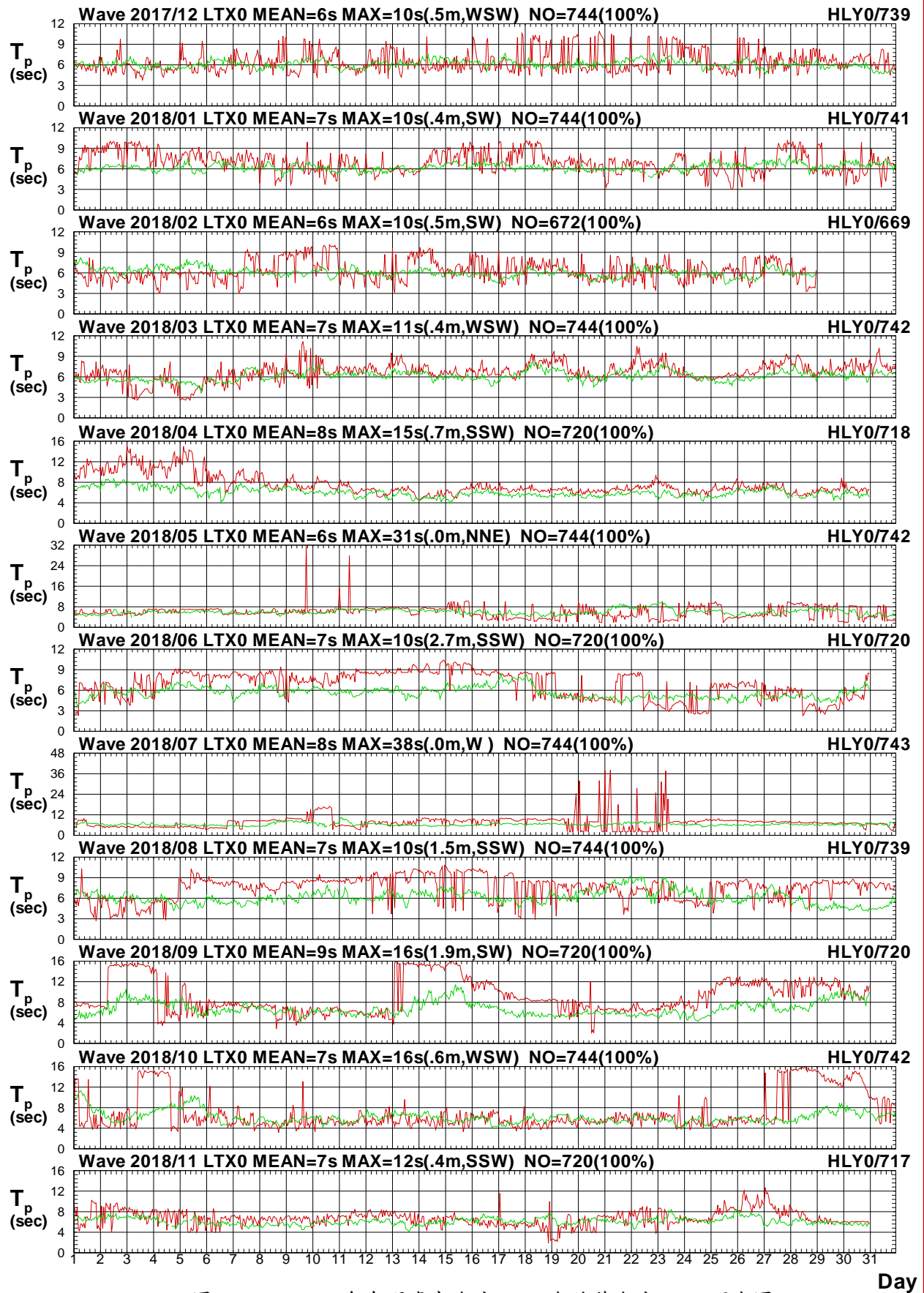


圖2.4.4b 2018年每月臺東海域 X 站與花蓮海域 Y 站週期圖

V17CLTX0.1HA V17CHLY0.1H0 V181LTX0.1HA V181HLY0.1H0 V182LTX0.1HA V182HLY0.1H0
 V183LTX0.1HA V183HLY0.1H0 V184LTX0.1HA V184HLY0.1H0 V185LTX0.1HA V185HLY0.1H0

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Wave Direction in Lu-Tao Harbor of LTX0 at 2018

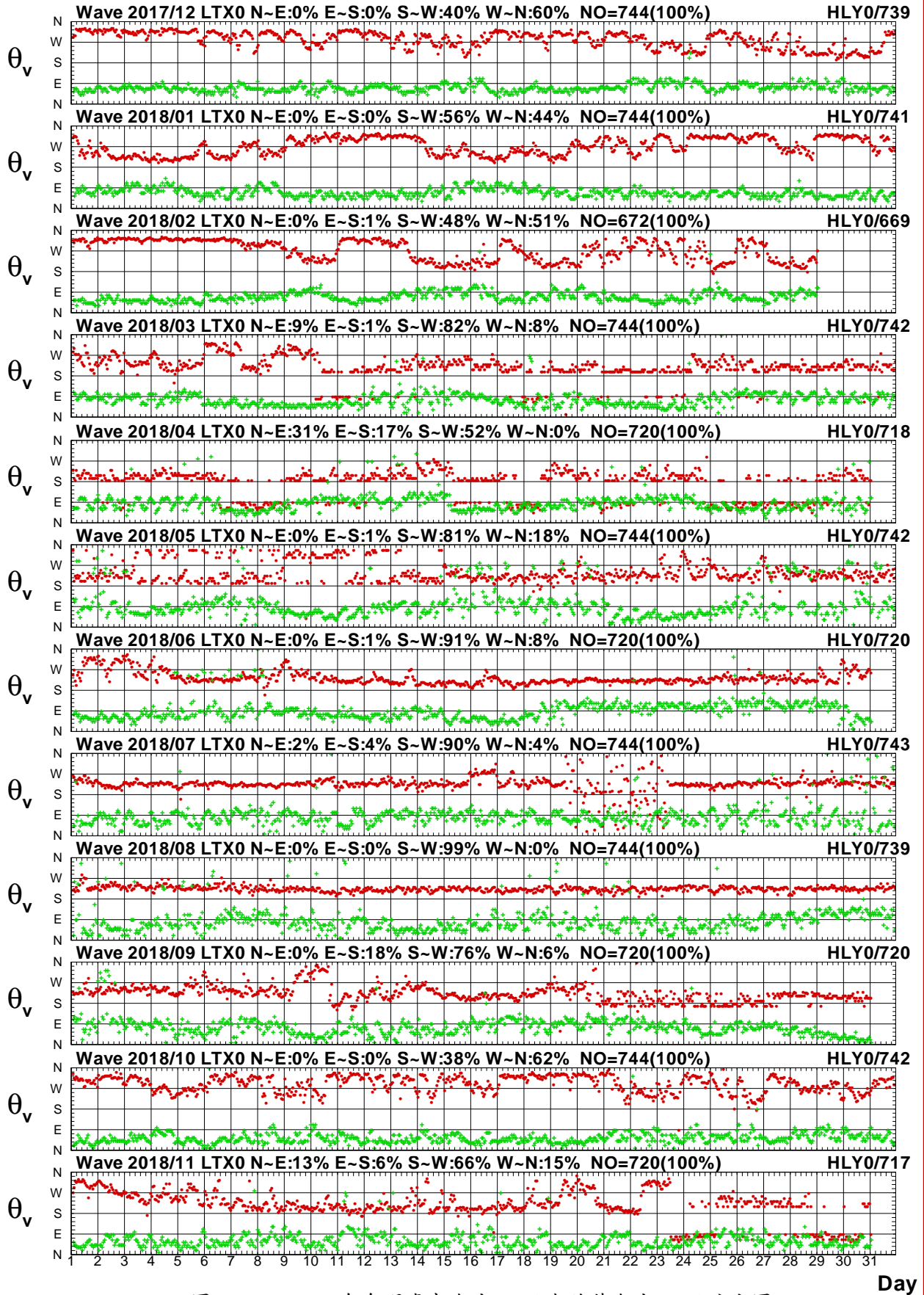


圖2.4.4c 2018年每月臺東海域 X 站與花蓮海域 Y 站波向圖

V17CLTX0.1HA V17CHLY0.1H0 V181LTX0.1HA V181HLY0.1H0 V182LTX0.1HA V182HLY0.1H0
 V183LTX0.1HA V183HLY0.1H0 V184LTX0.1HA V184HLY0.1H0 V185LTX0.1HA V185HLY0.1H0

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Wave H_s in Lu-Tao Harbor of LTX0 at 2018

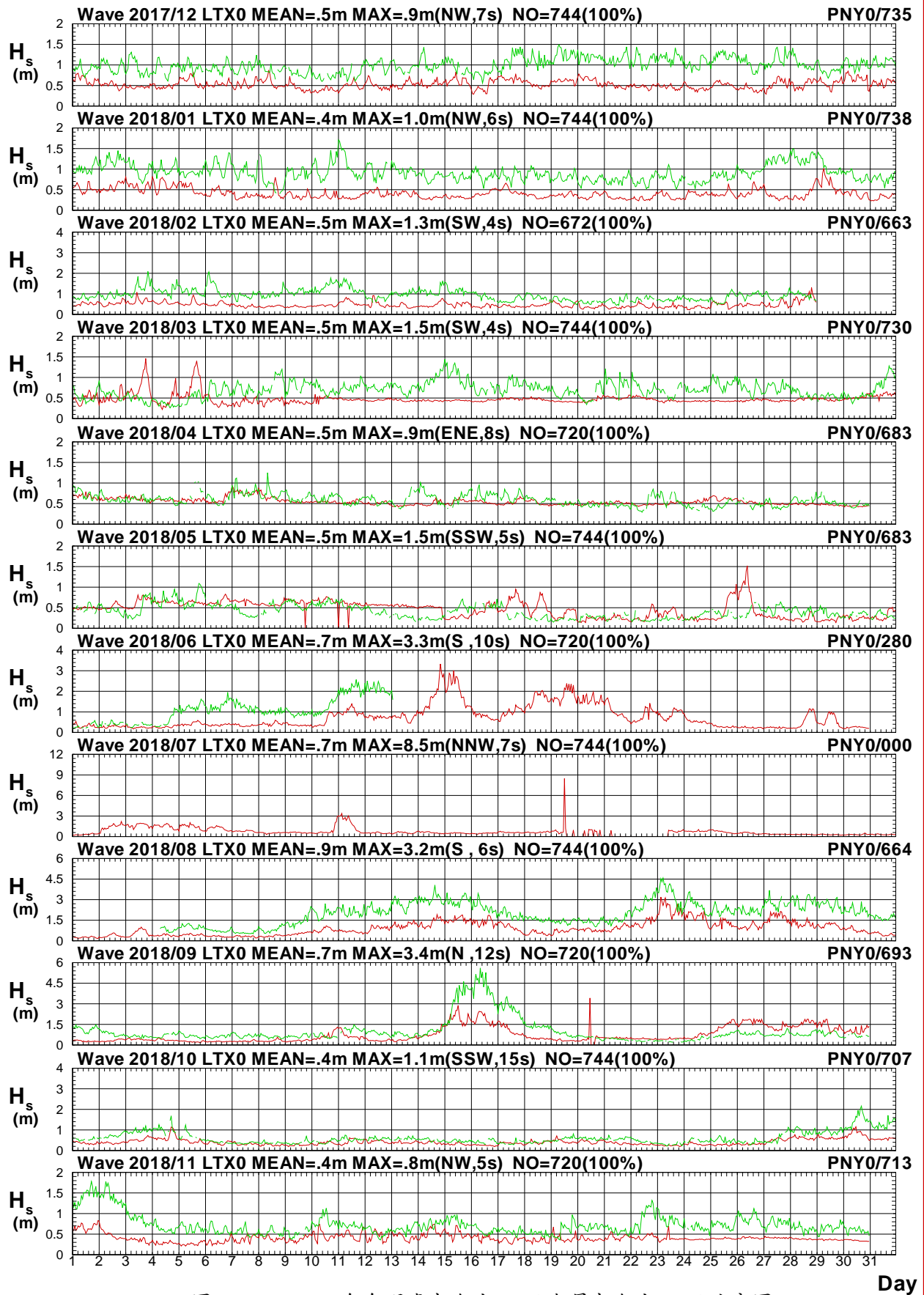


圖2.4.5a 2018年每月臺東海域 X 站與屏東海域 Y 站波高圖

V17CLTX0.1HA V17CPNY0.1H0 V181LTX0.1HA V181PNY0.1H0 V182LTX0.1HA V182PNY0.1H0
 V183LTX0.1HA V183PNY0.1H0 V184LTX0.1HA V184PNY0.1H0 V185LTX0.1HA V185PNY0.1H0

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Wave T_p in Lu-Tao Harbor of LTX0 at 2018

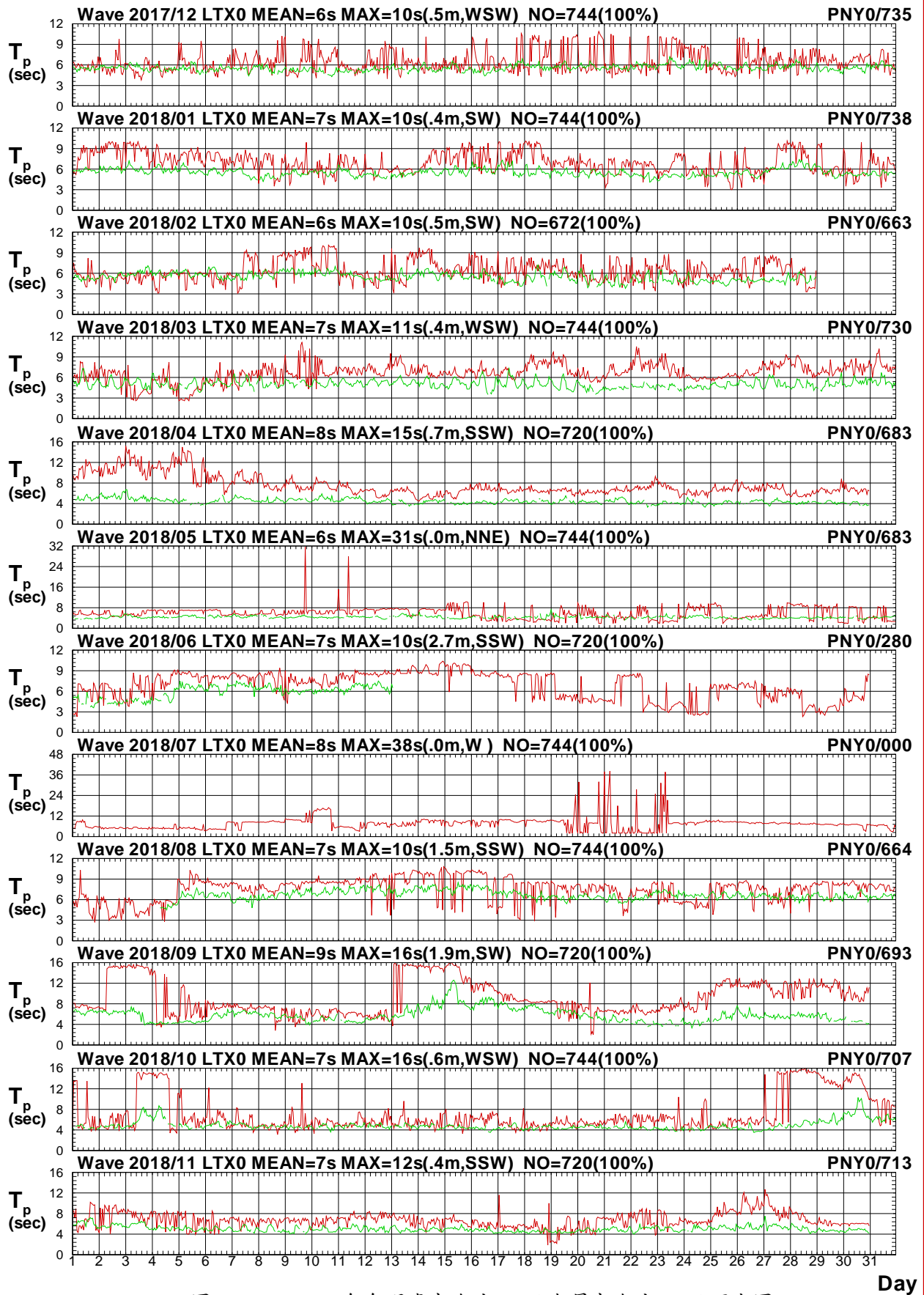


圖2.4.5b 2018年每月臺東海域 X 站與屏東海域 Y 站週期圖

V17CLTX0.1HA V17CPNY0.1H0 V181LTX0.1HA V181PNY0.1H0 V182LTX0.1HA V182PNY0.1H0
 V183LTX0.1HA V183PNY0.1H0 V184LTX0.1HA V184PNY0.1H0 V185LTX0.1HA V185PNY0.1H0

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Wave Direction in Lu-Tao Harbor of LTX0 at 2018

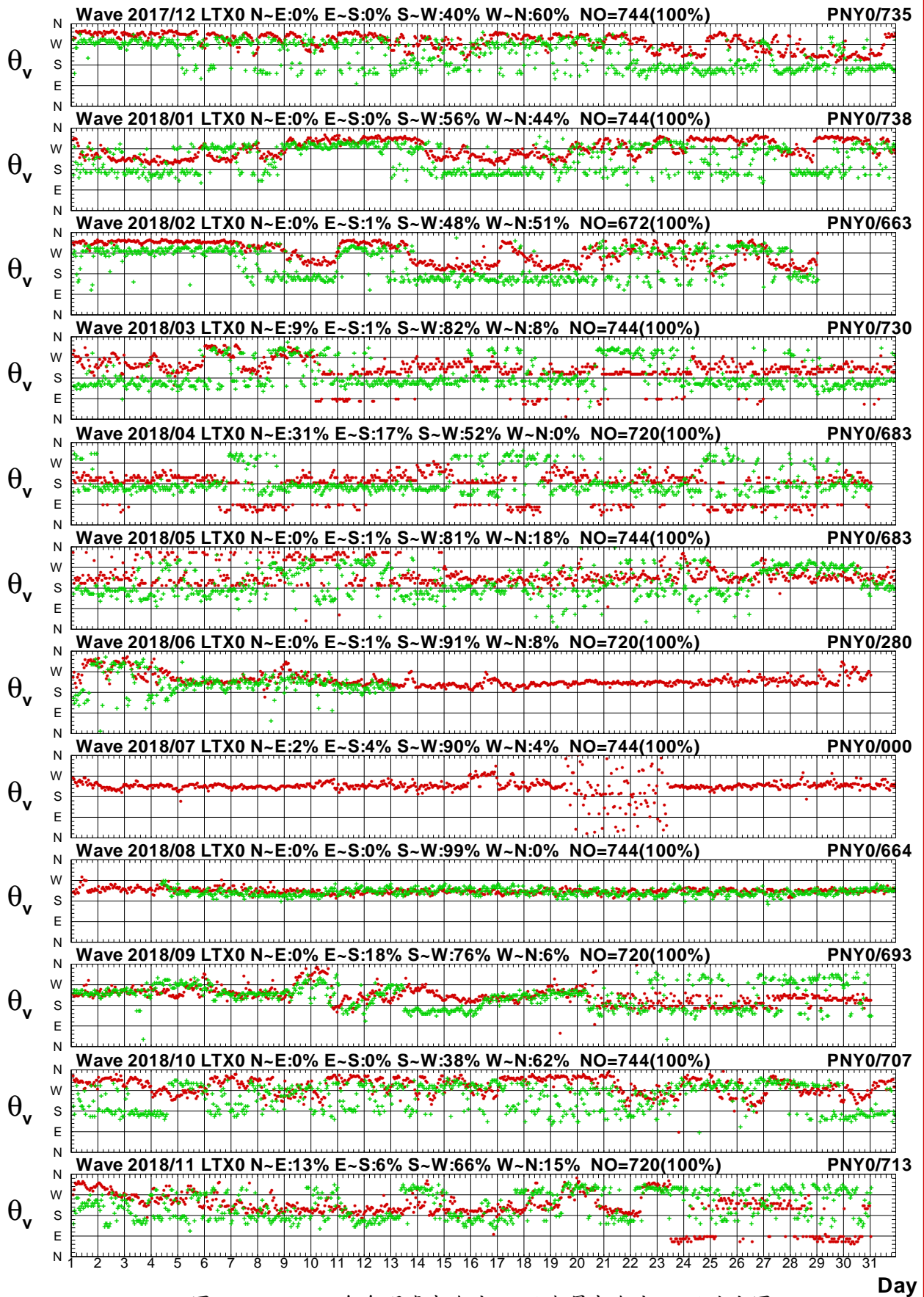


圖2.4.5c 2018年每月臺東海域 X 站與屏東海域 Y 站波向圖

V17CLTX0.1HA V17CPNY0.1H0 V181LTX0.1HA V181PNY0.1H0 V182LTX0.1HA V182PNY0.1H0
 V183LTX0.1HA V183PNY0.1H0 V184LTX0.1HA V184PNY0.1H0 V185LTX0.1HA V185PNY0.1H0

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Wave H_s in Lu-Tao Harbor of LTX0 at 2018

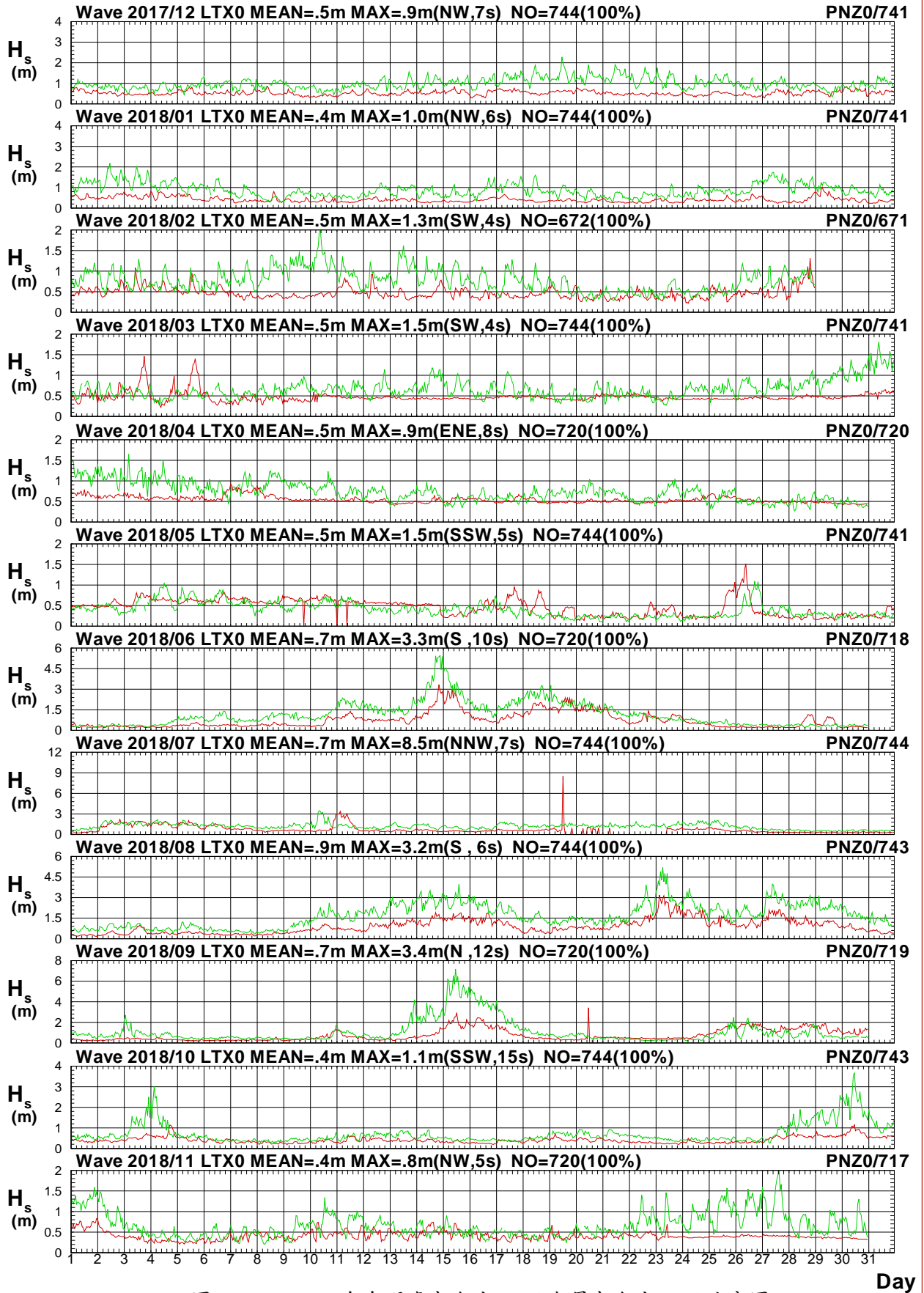


圖2.4.6a 2018年每月臺東海域 X 站與屏東海域 Z 站波高圖

V17CLTX0.1HA V17CPNZ0.1H0 V181LTX0.1HA V181PNZ0.1H0 V182LTX0.1HA V182PNZ0.1H0
 V183LTX0.1HA V183PNZ0.1H0 V184LTX0.1HA V184PNZ0.1H0 V185LTX0.1HA V185PNZ0.1H0

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Wave T_p in Lu-Tao Harbor of LTX0 at 2018

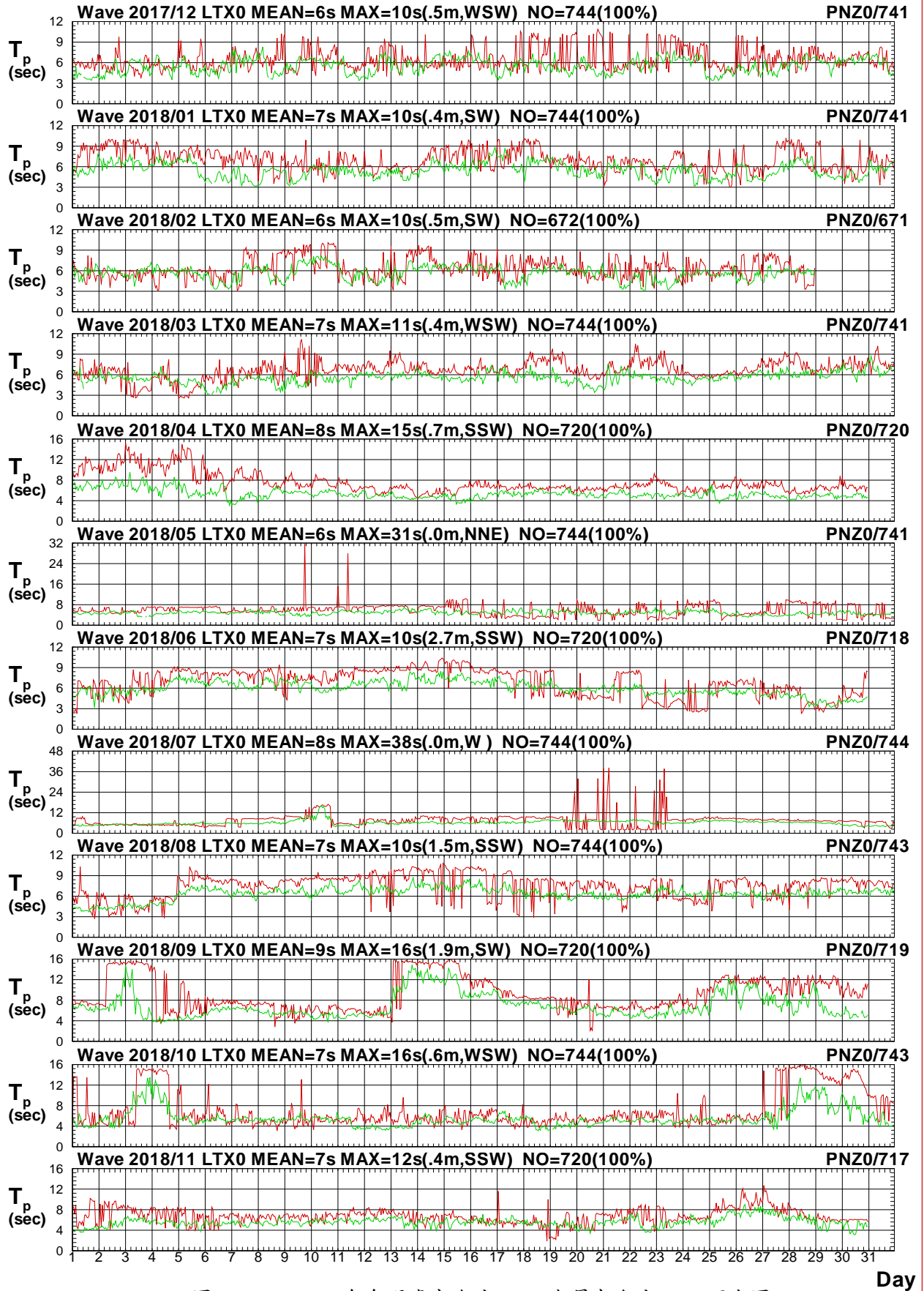


圖2.4.6b 2018年每月臺東海域 X 站與屏東海域 Z 站週期圖

V17CLTX0.1HA V17CPNZ0.1H0 V181LTX0.1HA V181PNZ0.1H0 V182LTX0.1HA V182PNZ0.1H0
 V183LTX0.1HA V183PNZ0.1H0 V184LTX0.1HA V184PNZ0.1H0 V185LTX0.1HA V185PNZ0.1H0

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Wave Direction in Lu-Tao Harbor of LTX0 at 2018

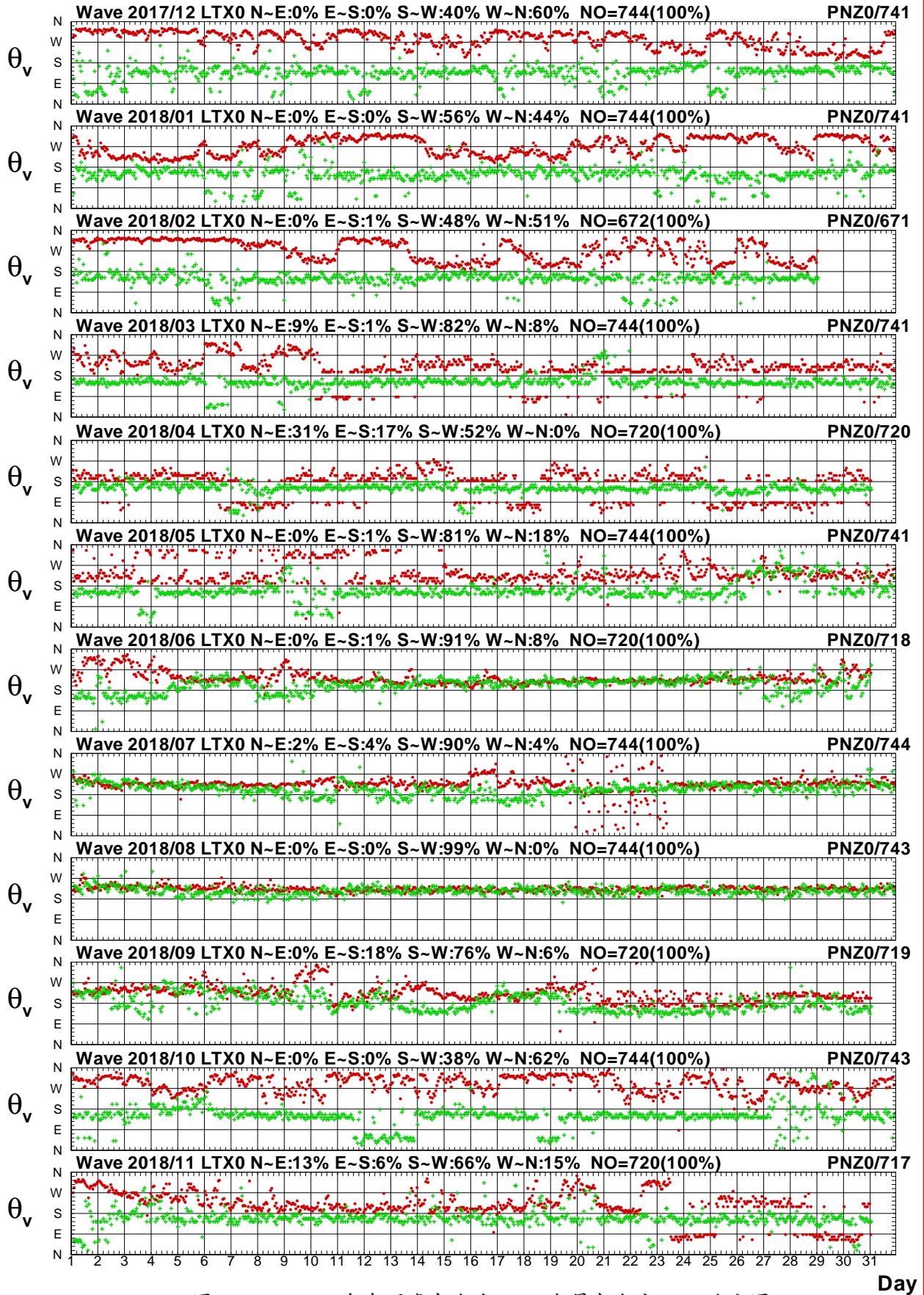


圖2.4.6c 2018年每月臺東海域 X 站與屏東海域 Z 站波向圖

V17CLTX0.1HA V17CPNZ0.1H0 V181LTX0.1HA V181PNZ0.1H0 V182LTX0.1HA V182PNZ0.1H0
 V183LTX0.1HA V183PNZ0.1H0 V184LTX0.1HA V184PNZ0.1H0 V185LTX0.1HA V185PNZ0.1H0

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Wave H_s in Lu-Tao Harbor of LTX0 at 2018

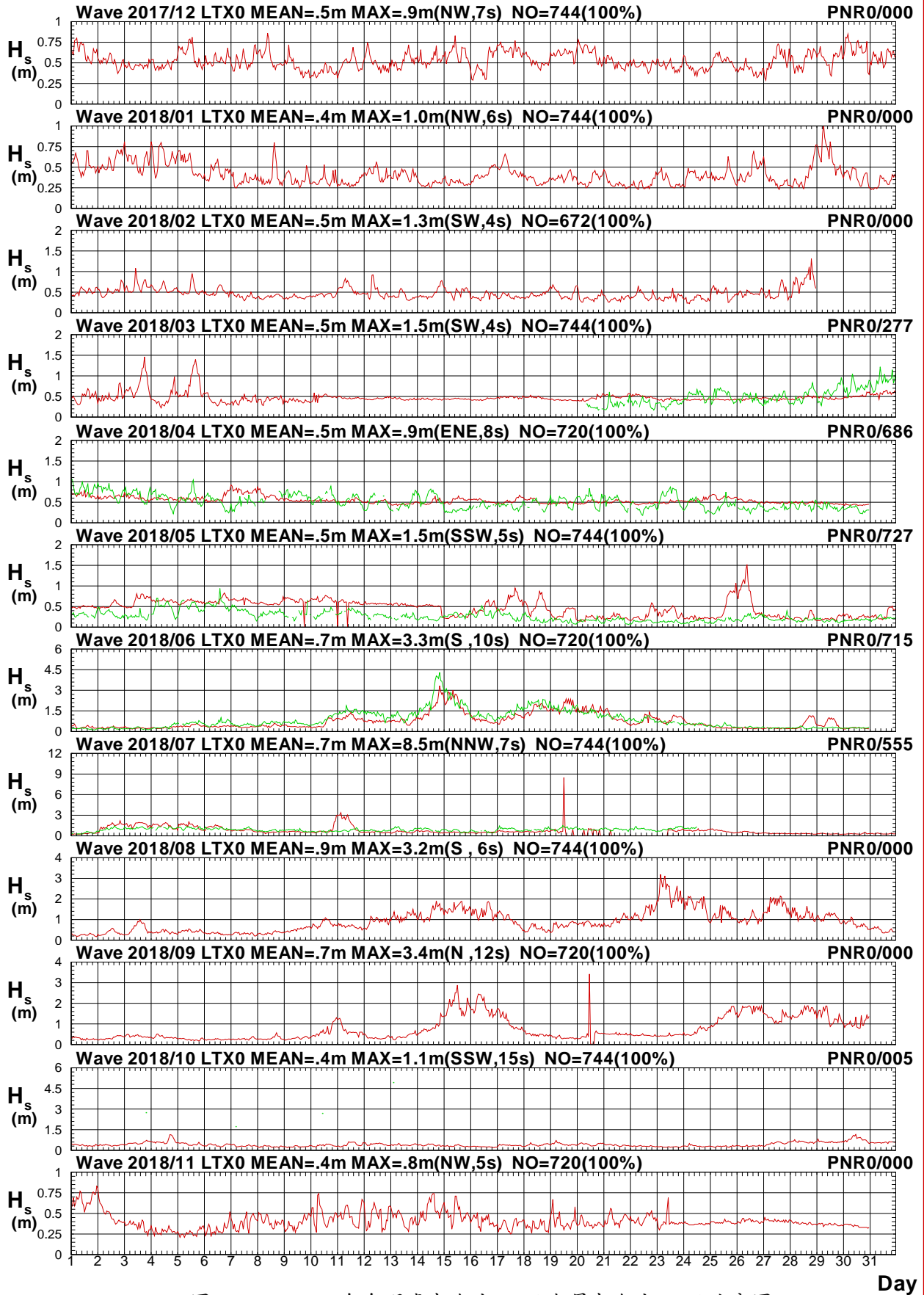


圖2.4.7a 2018年每月臺東海域 X 站與屏東海域 R 站波高圖

V17CLTX0.1HA V17CPNR0.1H0 V181LTX0.1HA V181PNR0.1H0 V182LTX0.1HA V182PNR0.1H0
 V183LTX0.1HA V183PNR0.1H0 V184LTX0.1HA V184PNR0.1H0 V185LTX0.1HA V185PNR0.1H0

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Wave T_p in Lu-Tao Harbor of LTX0 at 2018

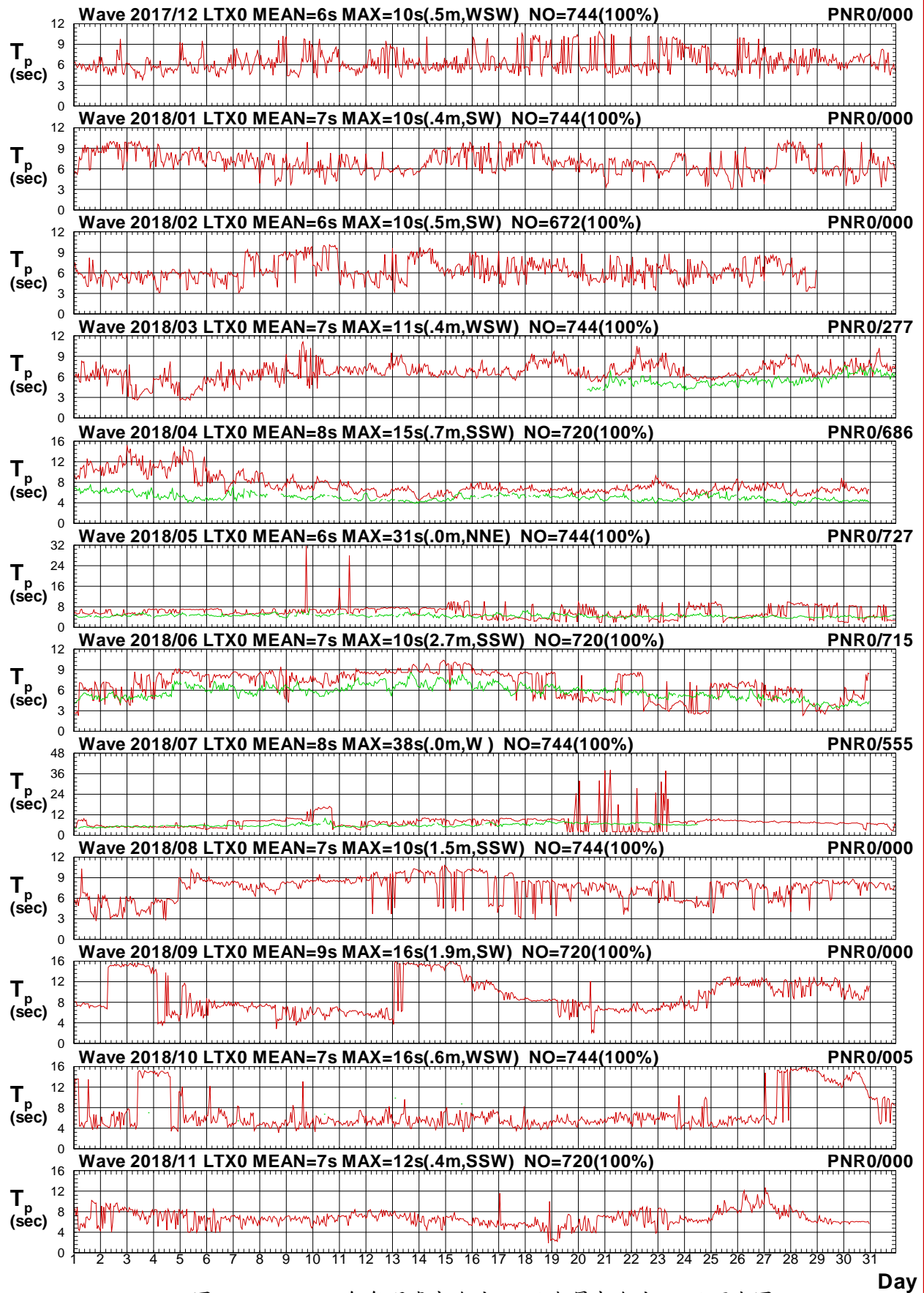


圖2.4.7b 2018年每月臺東海域 X 站與屏東海域 R 站週期圖

V17CLTX0.1HA V17CPNR0.1HO V181LTX0.1HA V181PNR0.1HO V182LTX0.1HA V182PNR0.1HO
 V183LTX0.1HA V183PNR0.1HO V184LTX0.1HA V184PNR0.1HO V185LTX0.1HA V185PNR0.1HO

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Wave Direction in Lu-Tao Harbor of LTX0 at 2018

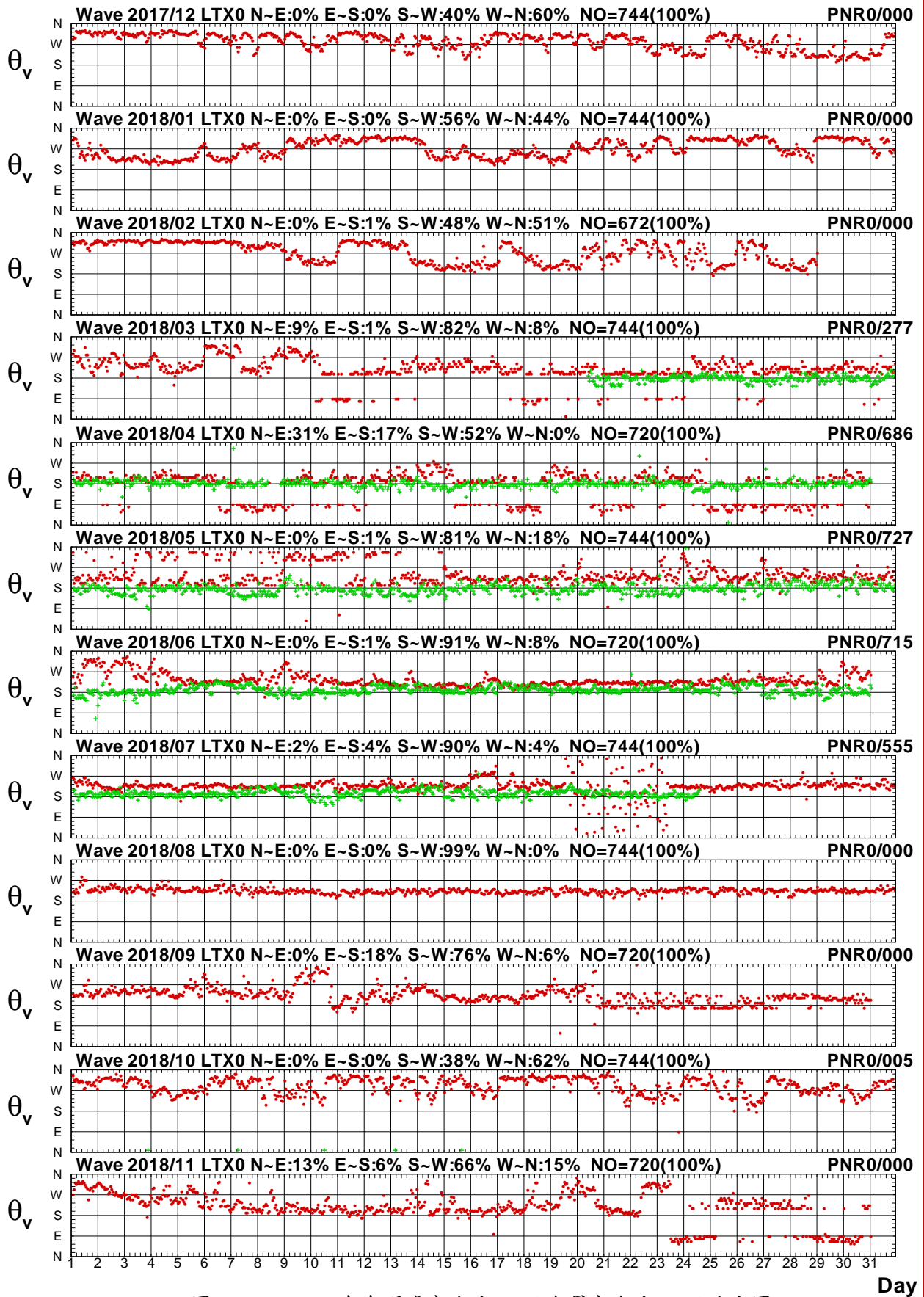


圖2.4.7c 2018年每月臺東海域 X 站與屏東海域 R 站波向圖

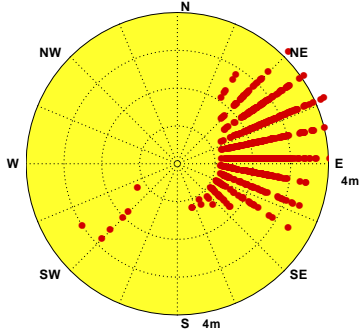
V17CLTX0.1HA V17CPNR0.1H0 V181LTX0.1HA V181PNR0.1H0 V182LTX0.1HA V182PNR0.1H0
 V183LTX0.1HA V183PNR0.1H0 V184LTX0.1HA V184PNR0.1H0 V185LTX0.1HA V185PNR0.1H0

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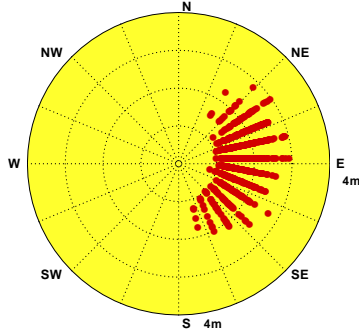
2.5 2018 年臺東海域波浪各測站修補前 波浪向量分佈圖

Distribution of H_s Vectors

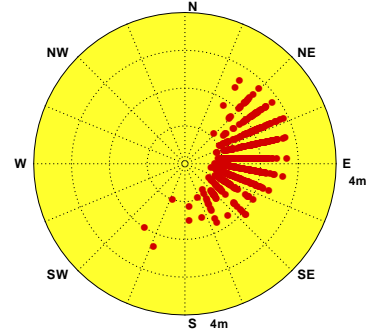
Wave of LTY0 at 2017/12 NO=727(98%)
 Hs : MEAN=2.2m MAX=4.1m(ENE,9s)
 N-E:51% E-S:48% S-W:1% W-N:0%



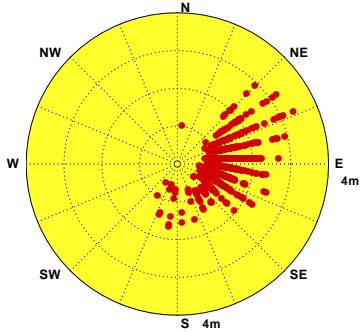
Wave of LTY0 at 2018/01 NO=735(99%)
 Hs : MEAN=1.6m MAX=2.8m(E, 7s)
 N-E:40% E-S:60% S-W:0% W-N:0%



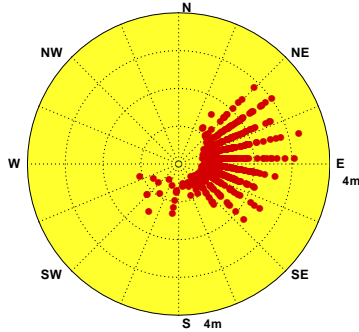
Wave of LTY0 at 2018/02 NO=659(98%)
 Hs : MEAN=1.5m MAX=2.7m(ENE,7s)
 N-E:35% E-S:64% S-W:1% W-N:0%



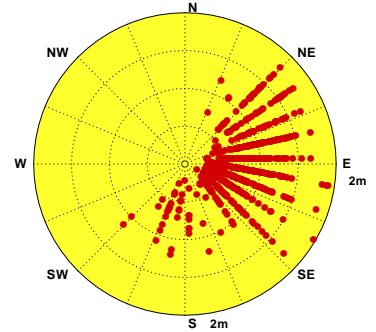
Wave of LTY0 at 2018/03 NO=732(98%)
 Hs : MEAN=1.2m MAX=3.2m(ENE,9s)
 N-E:22% E-S:76% S-W:2% W-N:0%



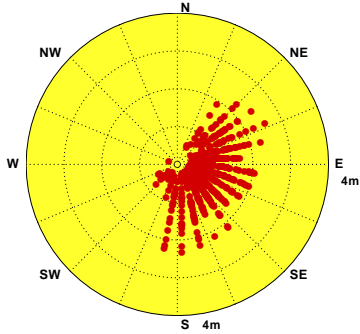
Wave of LTY0 at 2018/04 NO=710(99%)
 Hs : MEAN=1.2m MAX=3.1m(ENE,7s)
 N-E:31% E-S:66% S-W:3% W-N:0%



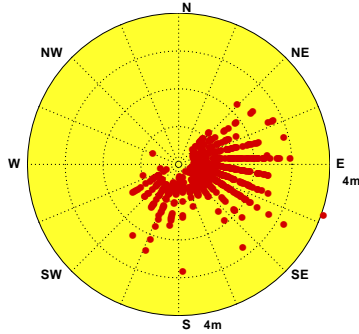
Wave of LTY0 at 2018/05 NO=729(98%)
 Hs : MEAN=.8m MAX=2.0m(ESE,5s)
 N-E:24% E-S:71% S-W:5% W-N:0%



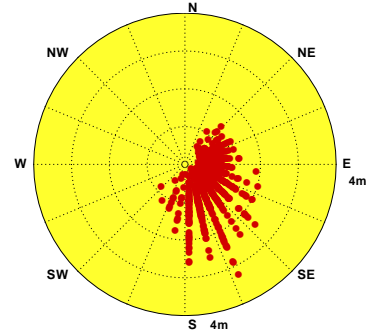
Wave of LTY0 at 2018/06 NO=692(96%)
 Hs : MEAN=.9m MAX=2.5m(S, 7s)
 N-E:14% E-S:76% S-W:10% W-N:0%



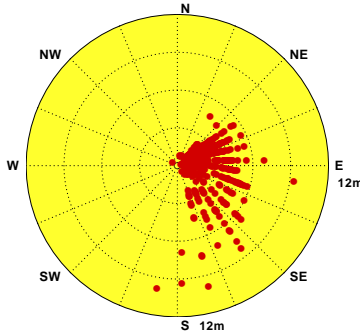
Wave of LTY0 at 2018/07 NO=696(94%)
 Hs : MEAN=1.1m MAX=4.0m(ESE,13s)
 N-E:16% E-S:66% S-W:18% W-N:0%



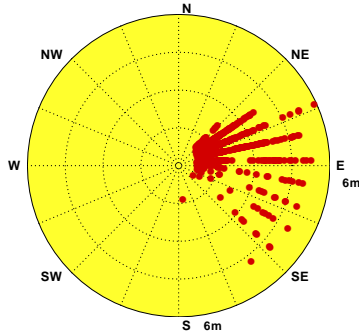
Wave of LTY0 at 2018/08 NO=721(97%)
 Hs : MEAN=1.0m MAX=3.3m(SSE,7s)
 N-E:17% E-S:72% S-W:11% W-N:0%



Wave of LTY0 at 2018/09 NO=689(96%)
 Hs : MEAN=1.7m MAX=10.4m(S, 13s)
 N-E:40% E-S:59% S-W:1% W-N:0%



Wave of LTY0 at 2018/10 NO=736(99%)
 Hs : MEAN=1.7m MAX=5.7m(ENE,11s)
 N-E:76% E-S:24% S-W:0% W-N:0%



Wave of LTY0 at 2018/11 NO=718(100%)
 Hs : MEAN=1.4m MAX=3.5m(NE,9s)
 N-E:57% E-S:43% S-W:0% W-N:0%

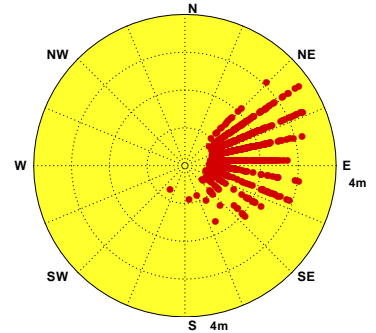


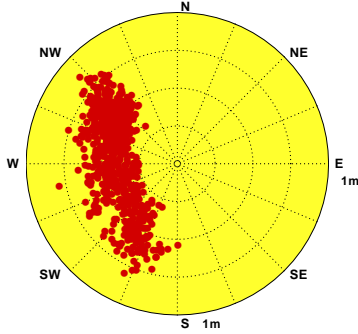
圖2.5.1 2018年臺東海域每月 Y 站修補前觀測波高向量分佈圖

V17CLTY0.1H0 V181LTY0.1H0 V182LTY0.1H0 V183LTY0.1H0 V184LTY0.1H0 V185LTY0.1H0
 V186LTY0.1H0 V187LTY0.1H0 V188LTY0.1H0 V189LTY0.1H0 V18ALTY0.1H0 V18BLTY0.1H0

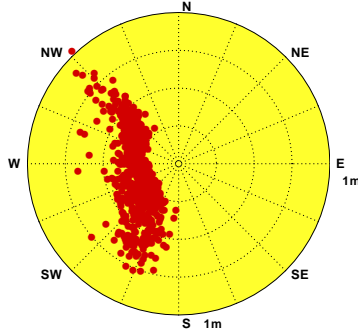
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Distribution of H_s Vectors

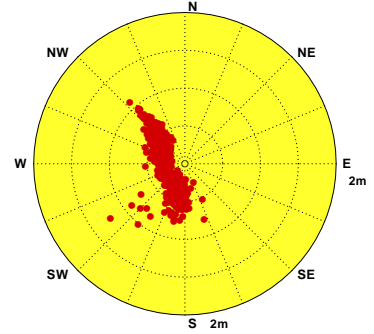
Wave of LTX0 at 2017/12 NO=744(100%)
 Hs : MEAN=.5m MAX=.9m(NW,7s)
 N-E:0% E-S:0% S-W:40% W-N:60%



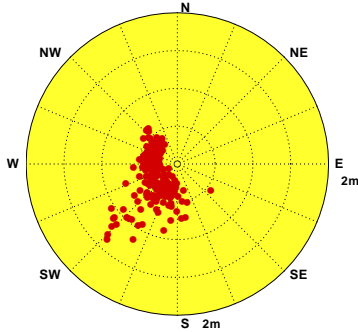
Wave of LTX0 at 2018/01 NO=744(100%)
 Hs : MEAN=.4m MAX=1.0m(NW,6s)
 N-E:0% E-S:0% S-W:56% W-N:44%



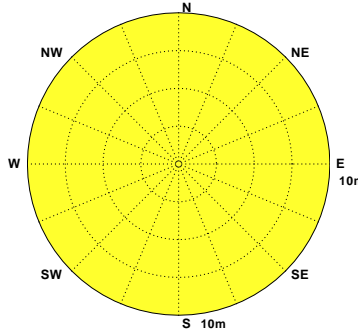
Wave of LTX0 at 2018/02 NO=672(100%)
 Hs : MEAN=.5m MAX=1.3m(SW,4s)
 N-E:0% E-S:1% S-W:48% W-N:51%



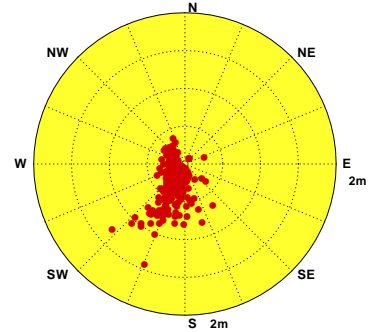
Wave of LTX0 at 2018/03 NO=222(30%)
 Hs : MEAN=.5m MAX=1.5m(SW,4s)
 N-E:0% E-S:2% S-W:72% W-N:26%



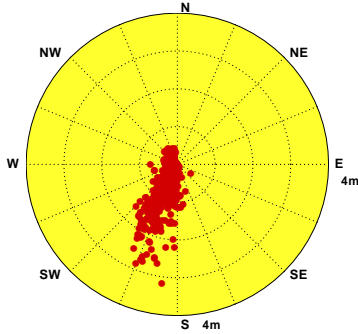
Wave of LTX0 at 2018/04



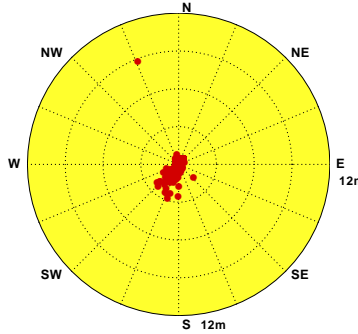
Wave of LTX0 at 2018/05 NO=404(54%)
 Hs : MEAN=.3m MAX=1.5m(SSW,5s)
 N-E:1% E-S:2% S-W:92% W-N:5%



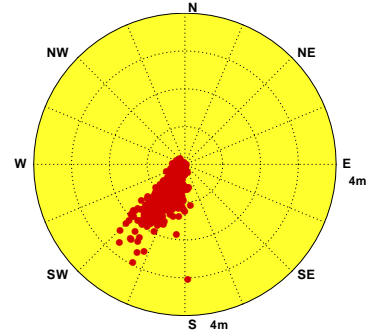
Wave of LTX0 at 2018/06 NO=720(100%)
 Hs : MEAN=.7m MAX=3.3m(S,10s)
 N-E:0% E-S:1% S-W:91% W-N:8%



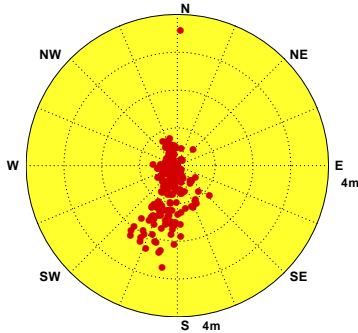
Wave of LTX0 at 2018/07 NO=732(98%)
 Hs : MEAN=.7m MAX=8.5m(NNW,7s)
 N-E:2% E-S:4% S-W:90% W-N:4%



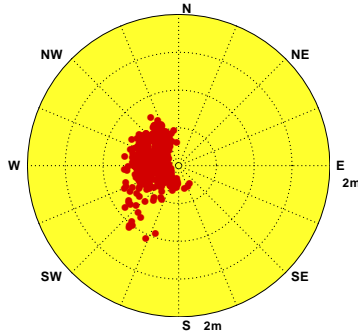
Wave of LTX0 at 2018/08 NO=743(100%)
 Hs : MEAN=.9m MAX=3.2m(S,6s)
 N-E:0% E-S:0% S-W:99% W-N:0%



Wave of LTX0 at 2018/09 NO=472(66%)
 Hs : MEAN=.6m MAX=3.4m(N,12s)
 N-E:0% E-S:4% S-W:87% W-N:9%



Wave of LTX0 at 2018/10 NO=740(99%)
 Hs : MEAN=.4m MAX=1.1m(SSW,15s)
 N-E:0% E-S:0% S-W:38% W-N:62%



Wave of LTX0 at 2018/11 NO=539(75%)
 Hs : MEAN=.4m MAX=.8m(NW,5s)
 N-E:0% E-S:8% S-W:71% W-N:21%

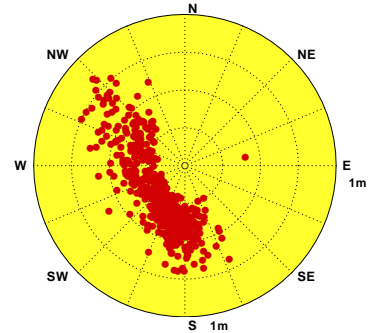


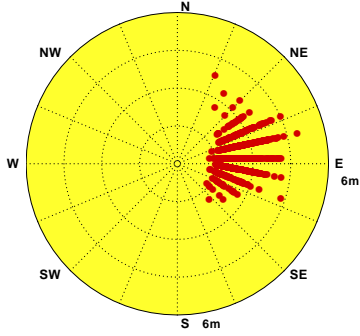
圖2.5.2 2018年臺東海域每月 X 站修補前觀測波高向量分佈圖

V17CLTX0.1H0 V181LTX0.1H0 V182LTX0.1H0 V183LTX0.1H0 V184LTX0.1H0 V185LTX0.1H0
 V186LTX0.1H0 V187LTX0.1H0 V188LTX0.1H0 V189LTX0.1H0 V18ALT0.1H0 V18BLTX0.1H0

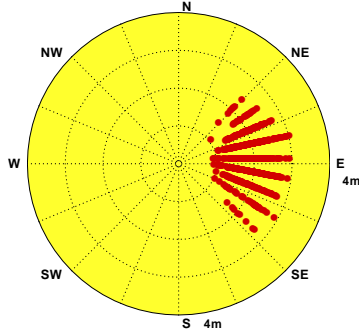
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Distribution of H_s Vectors

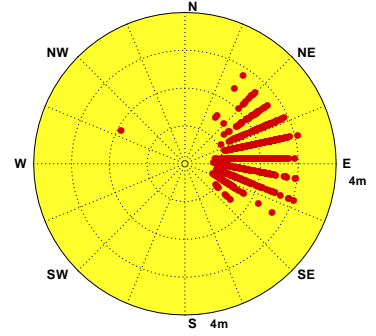
Wave of LTZ0 at 2017/12 NO=744(100%)
 Hs : MEAN=2.3m MAX=4.7m(ENE,8s)
 N-E:37% E-S:63% S-W:0% W-N:0%



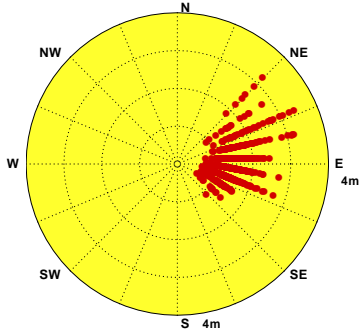
Wave of LTZ0 at 2018/01 NO=743(100%)
 Hs : MEAN=1.8m MAX=2.9m(ESE,7s)
 N-E:43% E-S:57% S-W:0% W-N:0%



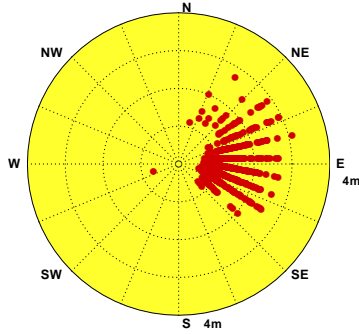
Wave of LTZ0 at 2018/02 NO=672(100%)
 Hs : MEAN=1.7m MAX=3.0m(ESE,7s)
 N-E:44% E-S:56% S-W:0% W-N:0%



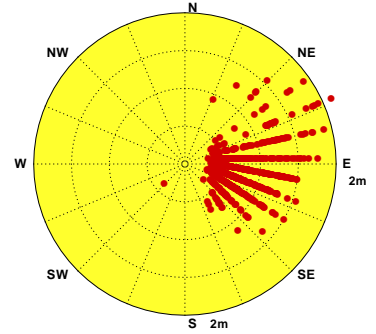
Wave of LTZ0 at 2018/03 NO=744(100%)
 Hs : MEAN=1.4m MAX=3.2m(ENE,7s)
 N-E:18% E-S:82% S-W:0% W-N:0%



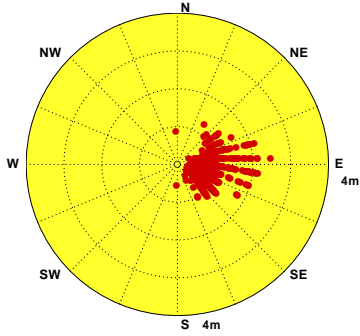
Wave of LTZ0 at 2018/04 NO=714(99%)
 Hs : MEAN=1.3m MAX=3.0m(ENE,7s)
 N-E:19% E-S:81% S-W:0% W-N:0%



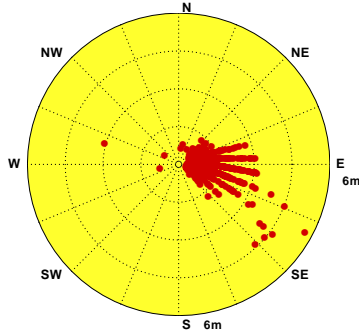
Wave of LTZ0 at 2018/05 NO=744(100%)
 Hs : MEAN=.8m MAX=2.0m(ENE,5s)
 N-E:13% E-S:87% S-W:0% W-N:0%



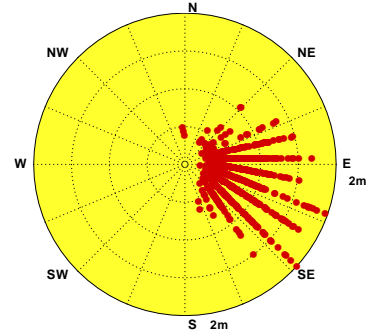
Wave of LTZ0 at 2018/06 NO=720(100%)
 Hs : MEAN=.8m MAX=2.3m(E, 7s)
 N-E:8% E-S:92% S-W:0% W-N:0%



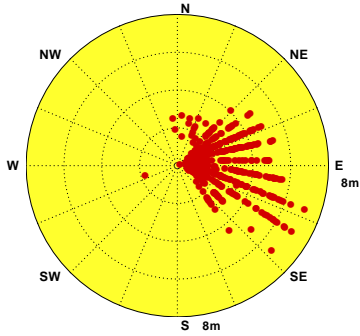
Wave of LTZ0 at 2018/07 NO=744(100%)
 Hs : MEAN=1.0m MAX=5.6m(ESE,15s)
 N-E:13% E-S:87% S-W:0% W-N:0%



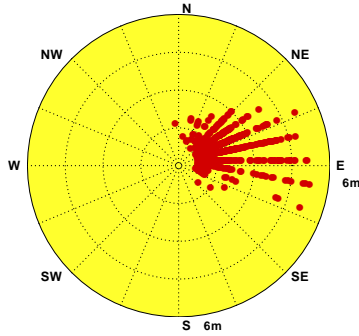
Wave of LTZ0 at 2018/08 NO=742(100%)
 Hs : MEAN=.7m MAX=2.0m(SE,9s)
 N-E:13% E-S:87% S-W:0% W-N:0%



Wave of LTZ0 at 2018/09 NO=714(99%)
 Hs : MEAN=1.7m MAX=7.0m(ESE,11s)
 N-E:25% E-S:75% S-W:0% W-N:0%



Wave of LTZ0 at 2018/10 NO=739(99%)
 Hs : MEAN=1.6m MAX=5.1m(E, 9s)
 N-E:63% E-S:37% S-W:0% W-N:0%



Wave of LTZ0 at 2018/11 NO=708(98%)
 Hs : MEAN=1.4m MAX=3.3m(ENE,7s)
 N-E:40% E-S:60% S-W:0% W-N:0%

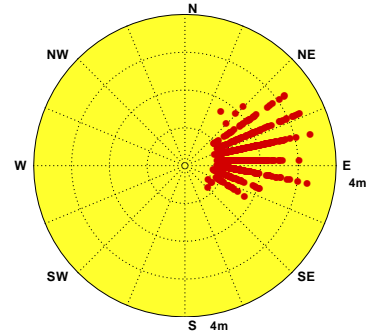


圖2.5.3 2018年臺東海域每月乙站修補前觀測波高向量分佈圖

V17CLTZ0.1H0 V181LTZ0.1H0 V182LTZ0.1H0 V183LTZ0.1H0 V184LTZ0.1H0 V185LTZ0.1H0
 V186LTZ0.1H0 V187LTZ0.1H0 V188LTZ0.1H0 V189LTZ0.1H0 V18ALTZ0.1H0 V18BLTZ0.1H0

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第三章 2018 年臺東海域觀測潮汐資料年報

臺東海域潮汐之觀測包括測站 **T**、測站 **X**、測站 **F**、測站 **J**、測站 **K**、測站 **P**、測站 **Q** 及測站 **M** 等 8 個測站(測站位置如第 0 章圖 TJJ1)。測站 **J** 與其他 7 個測站特性皆相近。本年報取經檢核及補遺之測站 **J** 資料作為**主要測站 1**，測站 **F** 資料作為**主要測站 2**，測站 **M** 資料作為**主要測站 3**。

3.1 2018 年臺東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 年臺東海域**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 年臺東海域**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 年臺東海域**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 年臺東海域**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 年每月臺東海域修補前各測站觀測潮汐資料紀錄表

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海域	臺東海域	臺東海域	臺東海域	臺東海域	臺東海域	臺東海域	臺東海域	臺東海域	臺東海域	臺東海域	臺東海域	臺東海域
年月/測站	J	F	M	T	X	K	P	Q				
2017/12 月	741(99.6%)	744(100%)	559(75.1%)	*	744(100%)	24(3.2%)	744(100%)	558(75.0%)	*	*	*	*
2018/ 1 月	744(100%)	489(65.7%)	710(95.4%)	*	744(100%)	*	744(100%)	691(92.9%)	*	*	*	*
2018/ 2 月	672(100%)	118(17.6%)	654(97.3%)	*	672(100%)	35(5.2%)	672(100%)	654(97.3%)	*	*	*	*
2018/ 3 月	743(99.9%)	699(94.0%)	689(92.6%)	*	222(29.8%)	706(94.9%)	744(100%)	709(95.3%)	*	*	*	*
2018/ 4 月	713(99.0%)	687(95.4%)	500(69.4%)	*	*	696(96.7%)	719(99.9%)	606(84.2%)	*	*	*	*
2018/ 5 月	744(100%)	706(94.9%)	431(57.9%)	71(9.5%)	401(53.9%)	715(96.1%)	744(100%)	397(53.4%)	*	*	*	*
2018/ 6 月	717(99.6%)	663(92.1%)	682(94.7%)	*	720(100%)	681(94.6%)	715(99.3%)	683(94.9%)	*	*	*	*
2018/ 7 月	744(100%)	703(94.5%)	706(94.9%)	*	651(87.5%)	716(96.2%)	740(99.5%)	705(94.8%)	*	*	*	*
2018/ 8 月	744(100%)	711(95.6%)	720(96.8%)	411(55.2%)	743(99.9%)	713(95.8%)	744(100%)	724(97.3%)	*	*	*	*
2018/ 9 月	720(100%)	720(100%)	663(92.1%)	704(97.8%)	674(93.6%)	688(95.6%)	718(99.7%)	668(92.8%)	*	*	*	*
2018/10 月	744(100%)	744(100%)	738(99.2%)	554(74.5%)	744(100%)	613(82.4%)	742(99.7%)	742(99.7%)	*	*	*	*
2018/11 月	719(99.9%)	720(100%)	637(88.5%)	*	539(74.9%)	*	720(100%)	671(93.2%)	*	*	*	*
2018/冬季	2157(99.9%)	1351(62.5%)	1923(89.0%)	*	2160(100%)	59(2.7%)	2160(100%)	1903(88.1%)	*	*	*	*
2018/春季	2200(99.6%)	2092(94.7%)	1620(73.4%)	71(3.2%)	623(28.2%)	2117(95.9%)	2207(99.9%)	1712(77.5%)	*	*	*	*
2018/夏季	2205(99.9%)	2077(94.1%)	2108(95.5%)	411(18.6%)	2114(95.7%)	2110(95.6%)	2199(99.6%)	2112(95.7%)	*	*	*	*
2018/秋季	2183(99.9%)	2184(100%)	2038(93.3%)	1258(57.6%)	1957(89.6%)	1301(59.6%)	2180(99.8%)	2081(95.3%)	*	*	*	*
2018/整年	8745(99.8%)	7704(87.9%)	7689(87.8%)	1740(19.9%)	6854(78.2%)	5587(63.8%)	8746(99.8%)	7808(89.1%)	*	*	*	*
起始年月	2017/12	2017/12	2017/12	2018/05	2017/12	2017/12	2017/12	2017/12	*	*	*	*
結束年月	2018/11	2018/11	2018/11	2018/10	2018/11	2018/10	2018/11	2018/11	*	*	*	*

表 3.1.1b 2018年每月臺東海域修補後各測站潮汐資料紀錄表

海域	臺東海域	臺東海域	臺東海域	臺東海域	臺東海域	臺東海域	臺東海域	臺東海域	臺東海域	臺東海域	臺東海域	臺東海域
年月/測站	J	F	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年臺東海域主要測站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	J	94	191	149	182	12.4	14.0	13.4	14.0	59	0	94	-98	744(100%)
2	2018/01	J	95	203	155	193	12.4	14.0	13.3	14.0	59	0	100	-109	744(100%)
3	2018/02	J	91	152	126	143	12.6	25.0	14.1	16.4	52	0	101	-96	672(100%)
4	2018/03	J	97	169	138	161	12.6	24.0	14.1	16.6	58	0	84	-90	744(100%)
5	2018/04	J	98	148	132	143	12.4	14.0	13.3	14.0	57	0	77	-87	720(100%)
6	2018/05	J	96	149	127	142	12.4	14.0	13.1	13.4	59	0	84	-97	744(100%)
7	2018/06	J	99	149	127	144	12.4	14.0	13.1	13.2	57	0	100	-100	720(100%)
8	2018/07	J	96	153	125	146	12.4	14.0	13.1	13.4	59	0	100	-106	744(100%)
9	2018/08	J	98	160	131	152	12.4	14.0	13.1	13.4	59	0	107	-103	744(100%)
10	2018/09	J	100	156	137	151	12.4	14.0	13.4	14.0	57	0	96	-95	720(100%)
11	2018/10	J	97	159	136	149	13.1	26.0	15.2	20.8	56	0	79	-88	744(100%)
12	2018/11	J	94	182	138	171	12.6	24.0	13.9	16.0	56	0	86	-99	720(100%)
13	2018/冬	J	93	203	143	175	12.5	25.0	13.6	14.7	170	0	101	-109	2160(100%)
14	2018/春	J	97	169	133	148	12.5	24.0	13.5	14.6	174	0	84	-97	2208(100%)
15	2018/夏	J	98	160	128	146	12.4	14.0	13.1	13.3	175	0	107	-106	2208(100%)
16	2018/秋	J	97	182	137	156	12.7	26.0	14.1	16.8	169	0	96	-99	2184(100%)
17	2018/年	J	96	203	135	158	12.5	26.0	13.6	14.9	688	0	107	-109	8760(100%)

表3.1.3 2018年臺東海域主要測站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	F	95	186	144	177	12.4	14.0	13.4	14.0	59	0	96	-95	744(100%)
2	2018/01	F	96	199	150	188	12.4	14.0	13.1	13.4	59	0	98	-101	744(100%)
3	2018/02	F	91	189	134	161	12.4	15.0	13.5	14.2	53	0	96	-98	672(100%)
4	2018/03	F	95	165	130	151	12.6	26.0	14.2	17.0	58	0	93	-89	744(100%)
5	2018/04	F	98	162	137	152	12.4	15.0	13.5	14.4	57	0	75	-87	720(100%)
6	2018/05	F	92	149	123	140	12.4	14.0	13.2	13.6	59	0	82	-87	744(100%)
7	2018/06	F	88	180	129	166	12.7	24.0	13.7	15.4	56	0	96	-84	720(100%)
8	2018/07	F	92	192	138	180	12.6	25.0	13.8	16.2	58	0	101	-94	744(100%)
9	2018/08	F	96	152	129	143	12.4	14.0	13.2	13.8	59	0	96	-90	744(100%)
10	2018/09	F	97	149	131	145	12.4	14.0	13.3	14.0	57	0	86	-90	720(100%)
11	2018/10	F	98	151	135	149	12.4	15.0	13.4	14.2	59	0	76	-87	744(100%)
12	2018/11	F	97	146	130	143	12.4	14.0	13.1	13.2	57	0	83	-102	720(100%)
13	2018/冬	F	94	199	142	174	12.4	15.0	13.3	14.0	171	0	99	-101	2160(100%)
14	2018/春	F	95	165	130	148	12.5	26.0	13.6	15.0	174	0	93	-89	2208(100%)
15	2018/夏	F	92	192	133	161	12.6	25.0	13.6	14.9	173	0	101	-94	2208(100%)
16	2018/秋	F	97	151	132	145	12.4	15.0	13.2	13.8	173	0	86	-102	2184(100%)
17	2018/年	F	94	199	135	157	12.5	26.0	13.4	14.4	691	0	101	-102	8760(100%)

表3.1.4 2018年臺東海域主要測站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	97	193	135	179	12.8	26.0	14.5	18.6	57	0	104	-99	744(100%)
2	2018/01	M	96	201	134	188	12.6	25.0	13.8	16.2	58	0	109	-99	744(100%)
3	2018/02	M	95	145	129	139	12.4	14.0	13.5	14.0	53	0	107	-100	672(100%)
4	2018/03	M	103	177	144	160	12.6	24.0	13.8	16.2	58	0	104	-98	744(100%)
5	2018/04	M	99	152	135	147	12.4	15.0	13.3	14.0	57	0	84	-86	720(100%)
6	2018/05	M	95	144	126	136	12.4	14.0	13.2	13.6	59	0	84	-89	744(100%)
7	2018/06	M	93	181	133	164	12.6	25.0	13.8	16.0	56	0	99	-91	720(100%)
8	2018/07	M	96	143	125	140	12.4	14.0	13.3	14.0	59	0	94	-90	744(100%)
9	2018/08	M	104	158	136	151	12.4	14.0	13.4	14.0	59	0	105	-86	744(100%)
10	2018/09	M	101	155	136	149	12.4	15.0	13.4	14.2	57	0	82	-96	720(100%)
11	2018/10	M	100	156	142	152	12.4	15.0	13.4	14.4	59	0	85	-86	744(100%)
12	2018/11	M	103	147	139	146	12.4	14.0	13.2	13.6	57	0	91	-103	720(100%)
13	2018/冬	M	96	201	133	168	12.6	26.0	13.9	16.1	168	0	109	-100	2160(100%)
14	2018/春	M	99	177	135	150	12.5	24.0	13.4	14.4	174	0	104	-98	2208(100%)
15	2018/夏	M	97	181	132	151	12.5	25.0	13.5	14.6	174	0	105	-91	2208(100%)
16	2018/秋	M	101	156	139	149	12.4	15.0	13.3	14.0	173	0	91	-103	2184(100%)
17	2018/年	M	98	201	135	154	12.5	26.0	13.5	14.8	689	0	109	-103	8760(100%)

Tidal Level in Lu-Tao Harbor of LTJ0 at 2018

1 ○ 8 ● 15 ● 22 ●

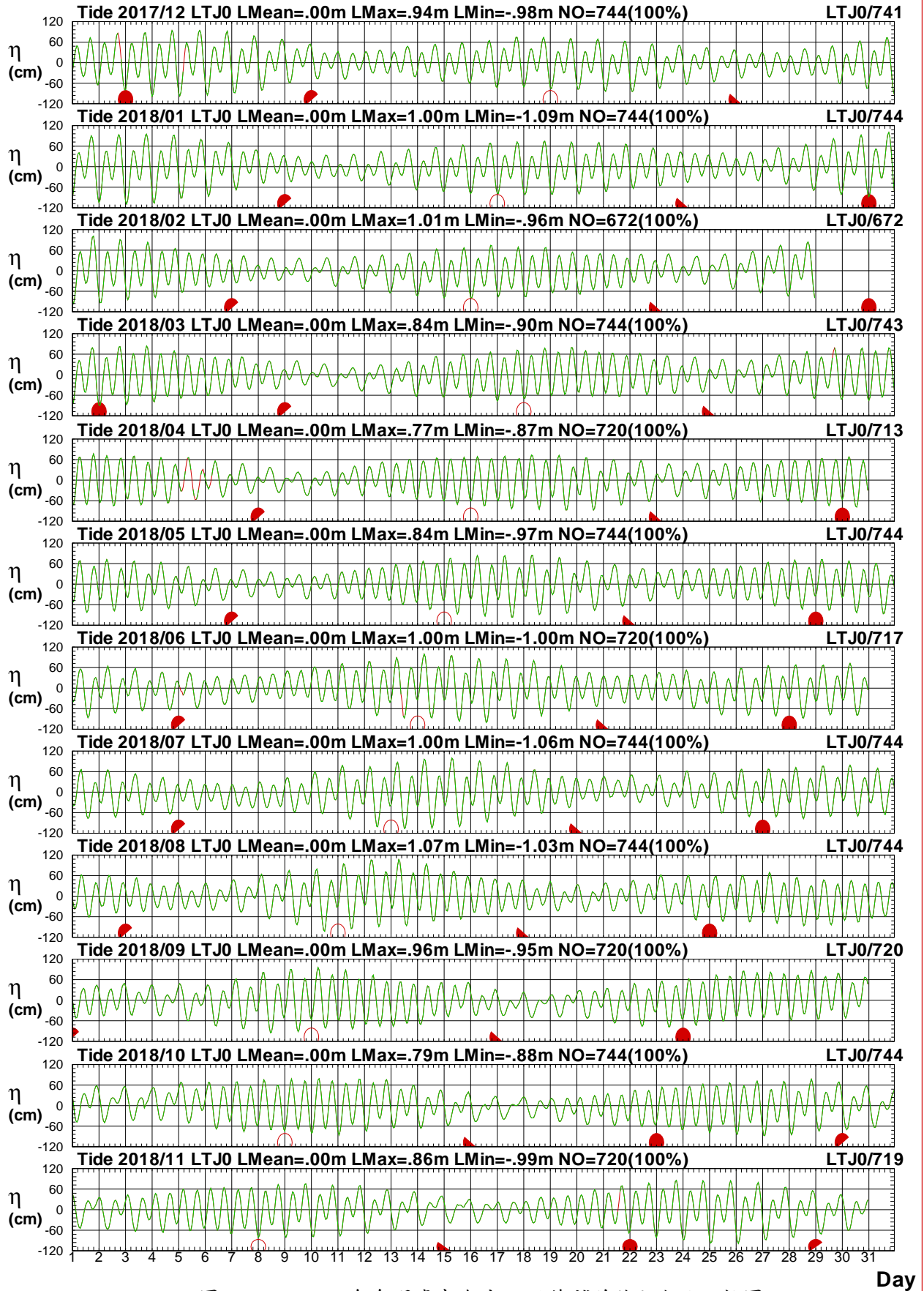


圖3.1.25 2018年每月臺東海域 J 站修補前後之潮位比較圖

T17CLTJ0.1HA T17CLTJ0.1H0 T181LTJ0.1HA T181LTJ0.1H0 T182LTJ0.1HA T182LTJ0.1H0
T183LTJ0.1HA T183LTJ0.1H0 T184LTJ0.1HA T184LTJ0.1H0 T185LTJ0.1HA T185LTJ0.1H0

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Tidal Level in Lu-Tao Harbor of LTJ0 at 2018

1 ○ 8 ● 15 ● 22 ●

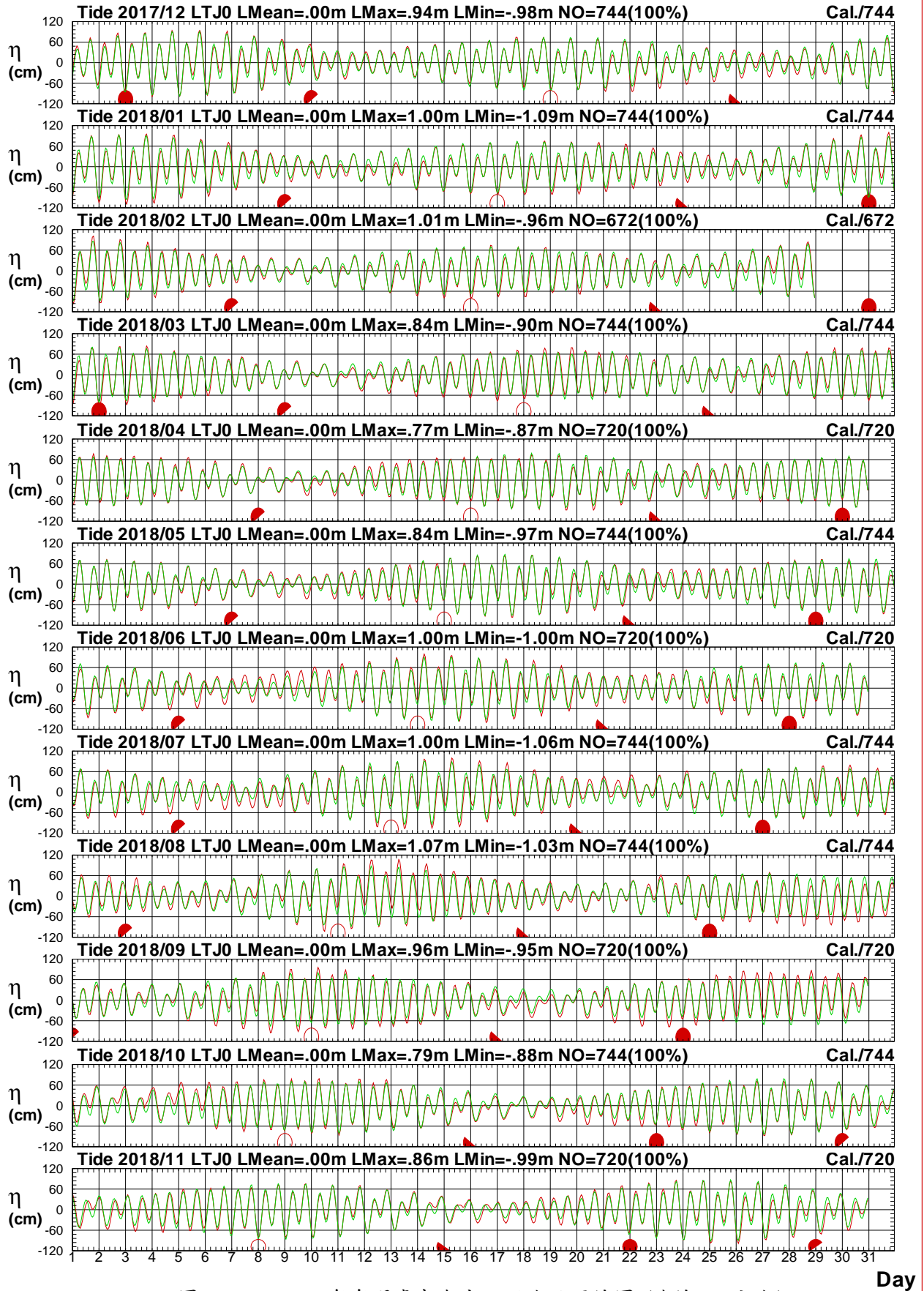


圖3.1.26 2018年每月臺東海域J站潮位歷線圖 (綠線: 天文潮)

T17CLTJ0.1HA T17CLTT0.1HC T181LTJ0.1HA T181LTT0.1HC T182LTJ0.1HA T182LTT0.1HC
T183LTJ0.1HA T183LTT0.1HC T184LTJ0.1HA T184LTT0.1HC T185LTJ0.1HA T185LTT0.1HC

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Tidal Level in Lu-Tao Harbor of LTF0 at 2018

1 ○ 8 ● 15 ● 22 ●

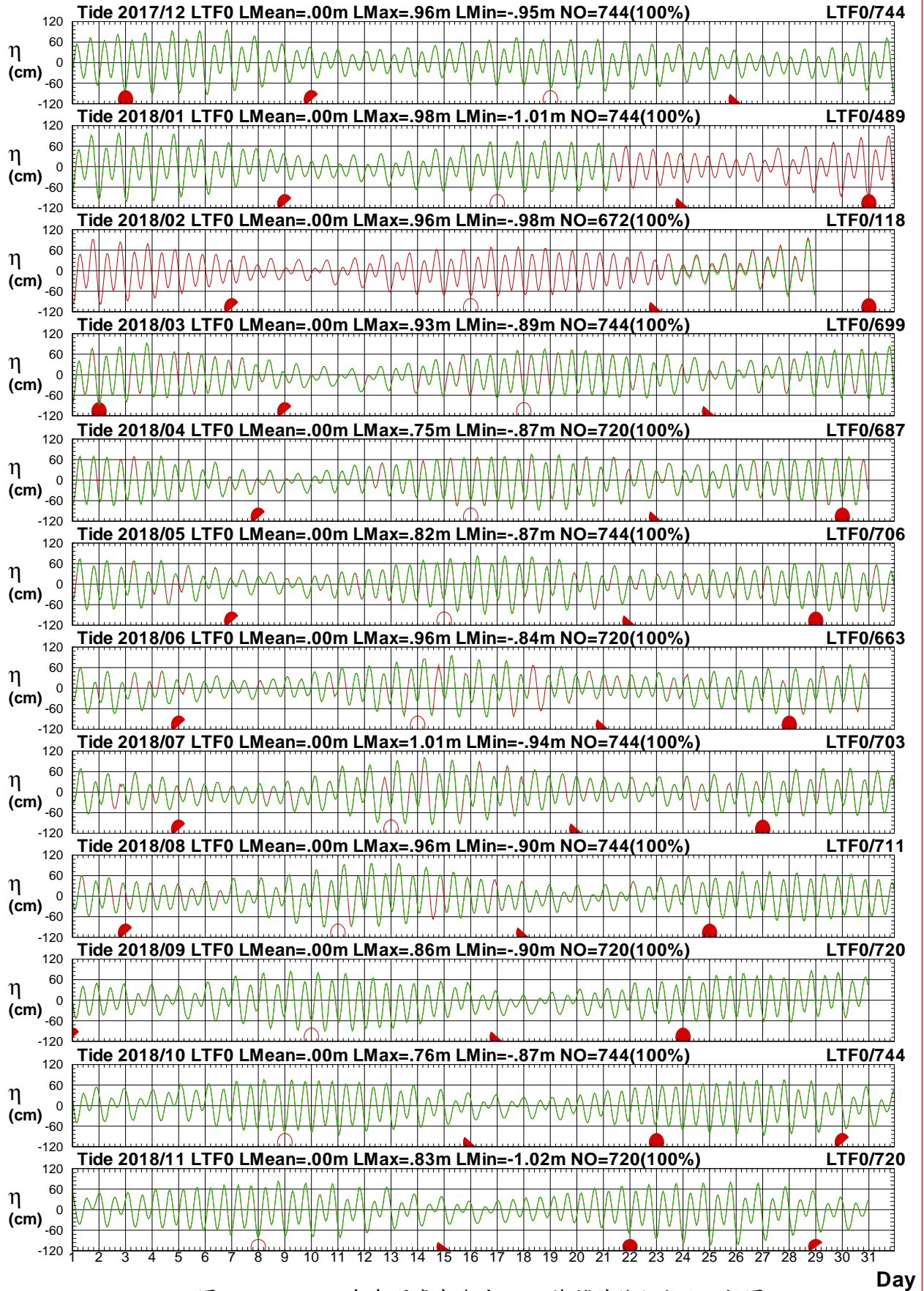


圖3.1.27 2018年每月臺東海域 F 站修補前後之潮位比較圖

T17CLTF0.1HA T17CLTF0.1H0 T181LTF0.1HA T181LTF0.1H0 T182LTF0.1HA T182LTF0.1H0
 T183LTF0.1HA T183LTF0.1H0 T184LTF0.1HA T184LTF0.1H0 T185LTF0.1HA T185LTF0.1H0

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Tidal Level in Lu-Tao Harbor of LTF0 at 2018

1 ○ 8 ● 15 ● 22 ●

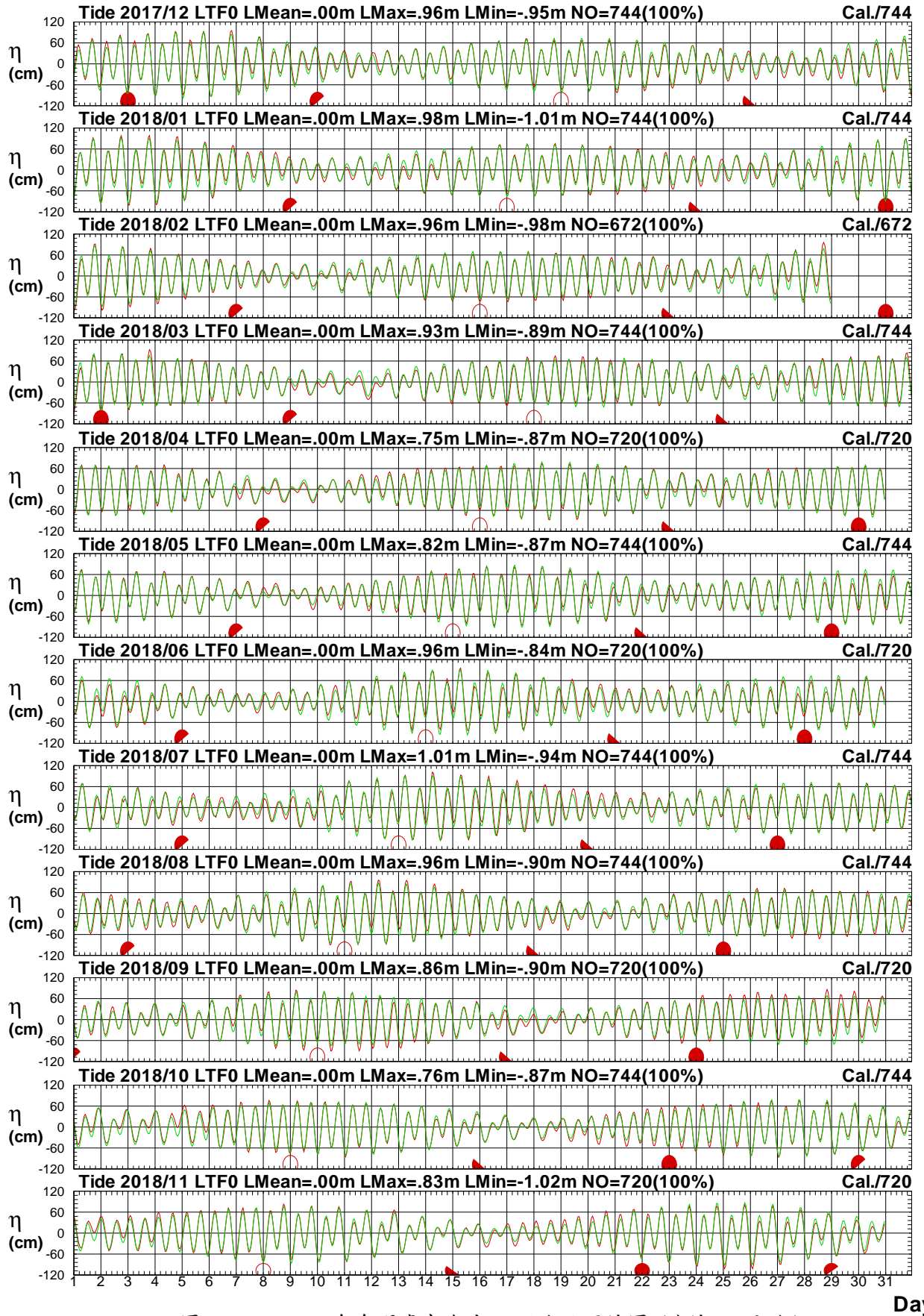


圖3.1.28 2018年每月臺東海域 F 站潮位歷線圖 (綠線: 天文潮)

T17CLTF0.1HA T17CLTT0.1HC T181LTF0.1HA T181LTT0.1HC T182LTF0.1HA T182LTT0.1HC
 T183LTF0.1HA T183LTT0.1HC T184LTF0.1HA T184LTT0.1HC T185LTF0.1HA T185LTT0.1HC
 Institute of Harbor & Marine Technology

Tidal Level in Lu-Tao Harbor of LTM0 at 2018

1 ○ 8 ● 15 ● 22 ●

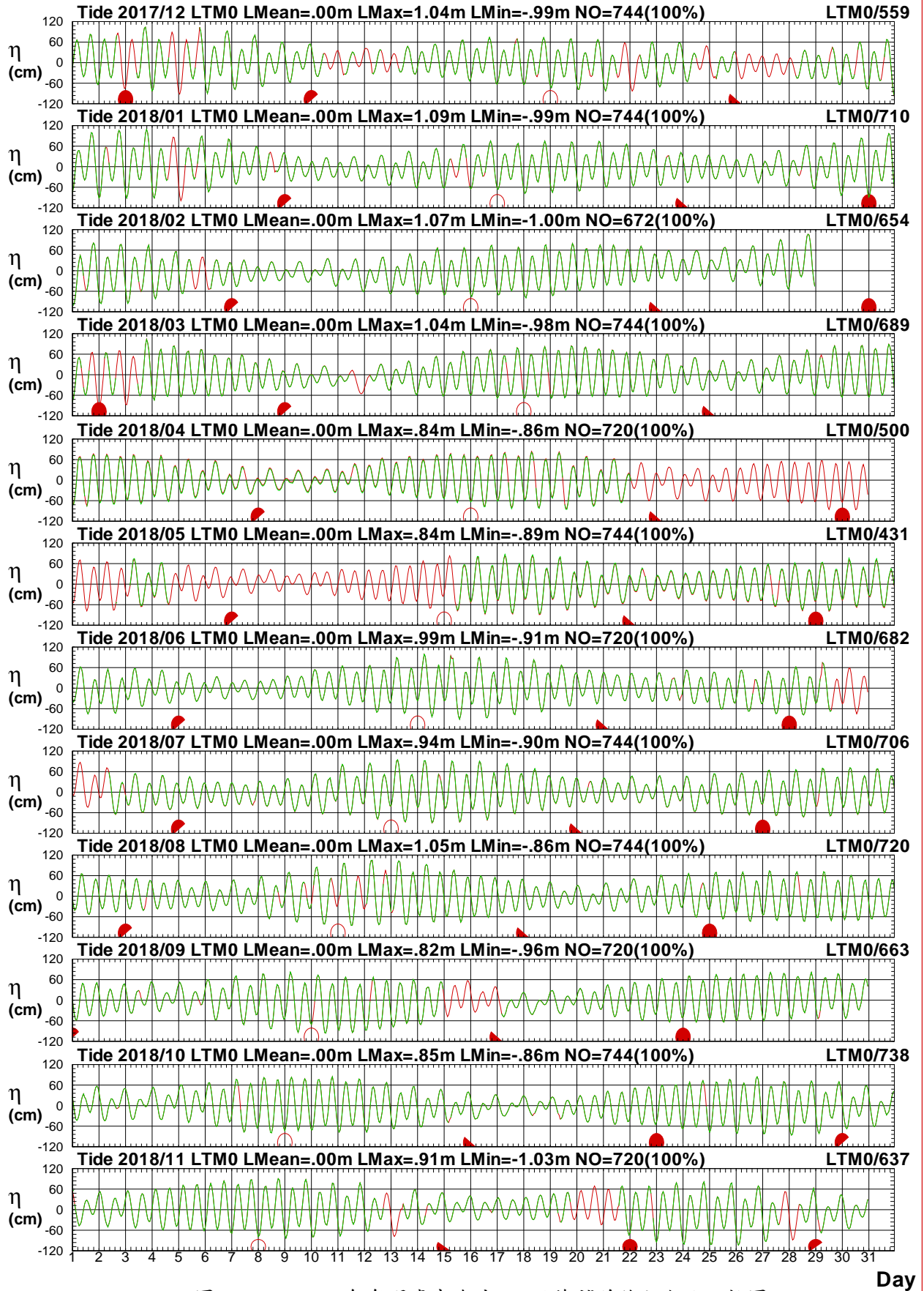


圖3.1.29 2018年每月臺東海域 M 站修補前後之潮位比較圖

T17CLTM0.1HA T17CLTM0.1HO T181LTM0.1HA T181LTM0.1HO T182LTM0.1HA T182LTM0.1HO
 T183LTM0.1HA T183LTM0.1HO T184LTM0.1HA T184LTM0.1HO T185LTM0.1HA T185LTM0.1HO

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Tidal Level in Lu-Tao Harbor of LTM0 at 2018

1 ○ 8 ● 15 ● 22 ●

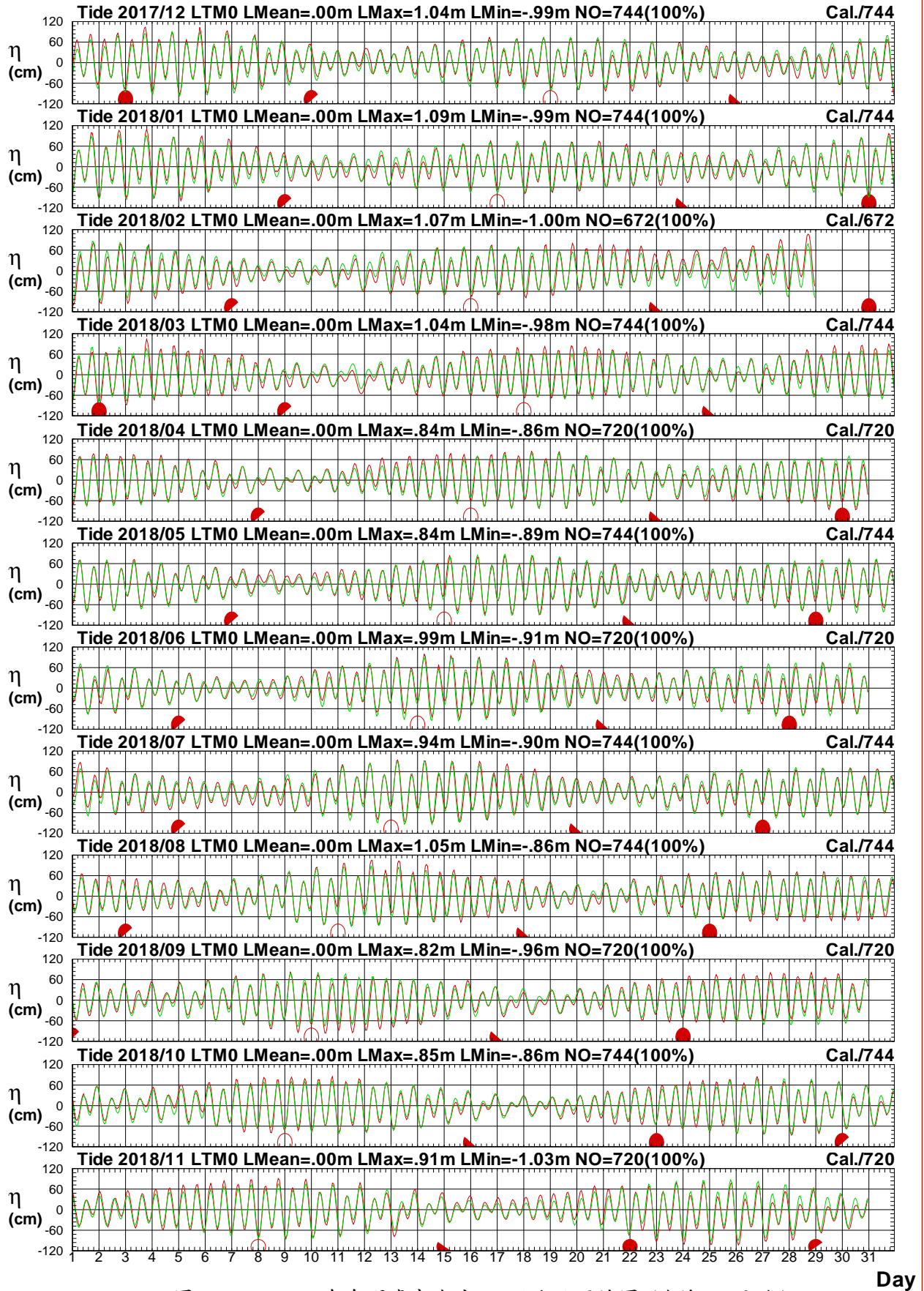


圖3.1.30 2018年每月臺東海域 M 站潮位歷線圖 (綠線: 天文潮)

T17CLTM0.1HA T17CLTT0.1HC T181LTM0.1HA T181LTT0.1HC T182LTM0.1HA T182LTT0.1HC
 T183LTM0.1HA T183LTT0.1HC T184LTM0.1HA T184LTT0.1HC T185LTM0.1HA T185LTT0.1HC

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3.2 2018 年臺東海域各測站修補前 潮汐統計量統計表

表3.2.1 2018年臺東海域 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	94	155	124	145	12.6	25.0	14.1	16.2	58	0	94	-98	741(100%)
2	2018/01	J	95	203	155	193	12.4	14.0	13.3	14.0	59	0	100	-109	744(100%)
3	2018/02	J	91	152	126	143	12.6	25.0	14.1	16.4	52	0	101	-96	672(100%)
4	2018/03	J	96	169	136	157	12.8	25.0	14.7	18.8	57	0	84	-90	743(100%)
5	2018/04	J	98	148	133	143	12.6	25.0	13.9	16.2	56	0	77	-87	713(99%)
6	2018/05	J	96	149	127	142	12.4	14.0	13.1	13.4	59	0	84	-97	744(100%)
7	2018/06	J	99	192	147	183	12.7	25.0	13.7	15.6	56	0	100	-100	717(100%)
8	2018/07	J	96	153	125	146	12.4	14.0	13.1	13.4	59	0	100	-106	744(100%)
9	2018/08	J	98	160	131	152	12.4	14.0	13.1	13.4	59	0	107	-103	744(100%)
10	2018/09	J	100	156	137	151	12.4	14.0	13.4	14.0	57	0	96	-95	720(100%)
11	2018/10	J	97	159	136	149	13.1	26.0	15.2	20.8	56	0	79	-88	744(100%)
12	2018/11	J	94	182	138	171	12.6	24.0	13.9	16.0	56	0	86	-99	719(100%)
13	2018/冬	J	93	203	135	166	12.6	25.0	13.8	15.4	169	0	101	-109	2157(100%)
14	2018/春	J	97	169	132	146	12.6	25.0	13.9	16.0	172	0	84	-97	2200(100%)
15	2018/夏	J	98	192	134	162	12.5	25.0	13.3	14.0	174	0	107	-106	2205(100%)
16	2018/秋	J	97	182	137	156	12.7	26.0	14.1	16.8	169	0	96	-99	2183(100%)
17	2018/年	J	96	203	135	157	12.6	26.0	13.8	15.6	684	0	107	-109	8745(100%)

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表3.2.2 2018年臺東海域 F 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	F	95	186	144	177	12.4	14.0	13.4	14.0	59	0	96	-95	744(100%)
2	2018/01	F	100	199	158	195	12.4	14.0	13.1	13.3	38	0	98	-101	489(66%)
3	2018/02	F	59	76	69	0	14.8	26.0	20.0	.0	6	0	91	-75	118(18%)
4	2018/03	F	92	160	132	151	16.4	26.0	24.5	25.3	34	0	92	-88	699(94%)
5	2018/04	F	94	152	128	145	14.8	26.0	20.3	25.3	42	0	76	-86	687(95%)
6	2018/05	F	98	169	137	159	15.1	25.0	21.2	25.0	40	0	82	-88	706(95%)
7	2018/06	F	84	175	116	141	15.9	26.0	23.0	25.3	39	0	96	-84	663(92%)
8	2018/07	F	92	158	135	149	14.9	25.0	20.7	25.0	44	0	101	-94	703(95%)
9	2018/08	F	95	184	135	172	14.0	26.0	17.9	25.3	46	0	96	-90	711(96%)
10	2018/09	F	97	149	131	145	12.4	14.0	13.3	14.0	57	0	86	-90	720(100%)
11	2018/10	F	98	151	135	149	12.4	15.0	13.4	14.2	59	0	76	-87	744(100%)
12	2018/11	F	97	146	130	143	12.4	14.0	13.1	13.2	57	0	83	-102	720(100%)
13	2018/冬	F	94	199	146	182	12.5	26.0	13.7	15.2	103	0	99	-101	1351(63%)
14	2018/春	F	95	169	133	152	15.4	26.0	22.0	25.2	116	0	92	-88	2092(95%)
15	2018/夏	F	91	184	129	157	14.9	26.0	20.2	25.2	129	0	101	-94	2077(94%)
16	2018/秋	F	97	151	132	145	12.4	15.0	13.2	13.8	173	0	86	-102	2184(100%)
17	2018/年	F	94	199	135	157	13.7	26.0	17.0	24.9	521	0	101	-102	7704(88%)

表3.2.3 2018年臺東海域 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	98	148	129	145	14.7	26.0	20.3	25.3	32	0	104	-99	559(75%)
2	2018/01	M	95	191	129	155	14.1	25.0	17.9	25.0	52	0	109	-92	710(95%)
3	2018/02	M	93	177	135	162	12.9	25.0	14.9	19.5	48	0	106	-100	654(97%)
4	2018/03	M	103	165	140	153	12.9	25.0	14.5	18.2	51	0	103	-78	689(93%)
5	2018/04	M	101	165	145	163	12.7	24.0	14.1	17.7	39	0	81	-85	500(69%)
6	2018/05	M	104	172	147	170	12.4	14.0	13.2	13.7	33	0	87	-86	431(58%)
7	2018/06	M	92	181	128	161	13.2	25.0	15.3	20.6	51	0	99	-91	682(95%)
8	2018/07	M	96	181	138	163	13.4	26.0	16.0	22.8	52	0	95	-89	706(95%)
9	2018/08	M	104	191	143	171	13.3	25.0	15.9	22.4	55	0	105	-85	720(97%)
10	2018/09	M	103	155	139	150	13.2	26.0	15.6	22.8	49	0	82	-96	663(92%)
11	2018/10	M	102	162	145	158	13.3	26.0	15.9	23.2	55	0	85	-86	738(99%)
12	2018/11	M	107	183	150	177	12.7	26.0	14.0	16.8	45	0	91	-104	637(89%)
13	2018/冬	M	95	191	131	154	13.8	26.0	17.3	24.9	132	0	109	-100	1923(89%)
14	2018/春	M	103	172	144	160	12.7	25.0	14.1	16.6	123	0	103	-86	1620(73%)
15	2018/夏	M	97	191	137	166	13.3	26.0	15.8	21.9	158	0	105	-91	2108(96%)
16	2018/秋	M	104	183	144	161	13.1	26.0	15.2	20.6	149	0	91	-103	2038(93%)
17	2018/年	M	100	191	140	160	13.2	26.0	15.6	21.3	562	0	109	-103	7689(88%)

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表3.2.4 2018年臺東海域 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													
2	2018/01	T													
3	2018/02	T													
4	2018/03	T													
5	2018/04	T													
6	2018/05	T	63	63	0	0	11.0	11.0	.0	.0	1	0	49	-39	71(10%)
7	2018/06	T													
8	2018/07	T													
9	2018/08	T	87	144	122	141	14.6	26.0	20.1	25.5	23	0	76	-74	411(55%)
10	2018/09	T	97	166	133	151	13.8	25.0	17.4	24.5	43	0	101	-93	704(98%)
11	2018/10	T	92	153	138	152	13.8	25.0	17.4	25.0	36	0	79	-87	554(75%)
12	2018/11	T													
13	2018/冬	T													
14	2018/春	T	63	63	0	0	11.0	11.0	.0	.0	1	0	49	-39	71(3%)
15	2018/夏	T	87	144	122	140	14.6	26.0	20.1	25.5	23	0	76	-74	411(19%)
16	2018/秋	T	95	166	136	151	13.8	25.0	17.4	24.7	79	0	101	-93	1258(58%)
17	2018/年	T	93	166	133	149	13.9	26.0	17.9	25.0	103	0	101	-93	1740(20%)

表3.2.5 2018年臺東海域 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	72	72	0	0	12.0	12.0	.0	.0	1	0	59	-64	24(3%)
2	2018/01	K													
3	2018/02	K	108	147	0	0	12.5	13.0	.0	.0	2	0	78	-83	35(5%)
4	2018/03	K	90	163	128	153	15.2	26.0	21.6	25.0	44	0	84	-81	706(95%)
5	2018/04	K	89	148	122	137	14.4	26.0	19.3	25.3	44	0	67	-81	696(97%)
6	2018/05	K	84	166	124	156	14.6	26.0	19.7	25.5	45	0	84	-83	715(96%)
7	2018/06	K	80	179	119	165	14.8	26.0	20.2	25.3	43	0	106	-82	681(95%)
8	2018/07	K	87	165	125	143	15.2	26.0	20.8	25.3	42	0	99	-93	716(96%)
9	2018/08	K	85	172	127	165	15.5	26.0	22.0	25.3	45	0	101	-78	713(96%)
10	2018/09	K	87	167	125	147	14.1	25.0	19.0	25.0	40	0	85	-83	688(96%)
11	2018/10	K	82	142	119	136	14.1	25.0	18.2	25.0	36	0	74	-85	613(82%)
12	2018/11	K													
13	2018/冬	K	96	147	147	0	12.3	13.0	13.0	.0	3	0	78	-83	59(3%)
14	2018/春	K	88	166	125	148	14.7	26.0	20.0	25.3	133	0	84	-82	2117(96%)
15	2018/夏	K	84	179	125	157	15.2	26.0	21.0	25.2	130	0	105	-93	2110(96%)
16	2018/秋	K	85	167	122	142	14.1	25.0	18.6	25.0	76	0	85	-85	1301(60%)
17	2018/年	K	86	179	125	150	14.7	26.0	20.0	25.2	342	0	105	-93	5587(64%)

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表3.2.6 2018年臺東海域 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	108	220	163	207	12.4	14.0	13.4	14.0	59	0	110	-113	744(100%)
2	2018/01	P	107	211	162	200	12.4	14.0	13.2	13.6	59	0	104	-121	744(100%)
3	2018/02	P	110	181	152	169	12.4	14.0	13.3	14.0	53	0	103	-109	672(100%)
4	2018/03	P	114	198	157	181	12.4	15.0	13.5	14.4	59	0	103	-99	744(100%)
5	2018/04	P	110	164	149	159	12.4	14.0	13.1	13.2	57	0	88	-97	719(100%)
6	2018/05	P	106	173	141	160	12.4	13.0	13.0	13.0	59	0	89	-109	744(100%)
7	2018/06	P	107	211	147	199	12.9	25.0	14.3	17.8	55	0	110	-105	715(99%)
8	2018/07	P	114	190	149	175	12.6	25.0	13.9	16.2	58	0	104	-117	740(100%)
9	2018/08	P	111	191	150	176	12.4	14.0	13.2	13.6	59	0	112	-109	744(100%)
10	2018/09	P	112	180	159	177	13.2	25.0	15.2	19.8	51	0	129	-110	718(100%)
11	2018/10	P	120	191	166	184	13.1	26.0	15.4	21.0	52	0	100	-105	742(100%)
12	2018/11	P	113	173	152	166	12.4	13.0	13.0	13.0	57	0	96	-103	720(100%)
13	2018/冬	P	108	220	158	191	12.4	14.0	13.3	13.9	171	0	110	-121	2160(100%)
14	2018/春	P	110	198	150	166	12.4	15.0	13.2	13.6	175	0	103	-109	2207(100%)
15	2018/夏	P	111	211	149	182	12.6	25.0	13.8	15.6	172	0	112	-117	2199(100%)
16	2018/秋	P	115	191	159	176	12.9	26.0	14.4	17.8	160	0	129	-110	2180(100%)
17	2018/年	P	111	220	155	180	12.6	26.0	13.6	15.2	678	0	129	-121	8746(100%)

表3.2.7 2018年臺東海域 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	107	163	141	156	14.8	25.0	20.3	25.0	32	0	108	-109	558(75%)
2	2018/01	Q	102	199	145	171	13.4	25.0	15.9	22.8	51	0	104	-119	691(93%)
3	2018/02	Q	107	209	149	190	12.7	24.0	13.9	16.5	49	0	102	-107	654(97%)
4	2018/03	Q	103	155	141	152	12.9	25.0	14.8	18.4	54	0	90	-94	709(95%)
5	2018/04	Q	106	157	142	154	12.9	25.0	14.7	19.3	46	0	84	-94	606(84%)
6	2018/05	Q	112	165	144	163	12.4	13.0	13.0	13.0	31	0	85	-108	397(53%)
7	2018/06	Q	104	170	139	163	12.9	25.0	14.4	17.6	52	0	104	-106	683(95%)
8	2018/07	Q	108	211	154	186	13.1	26.0	15.4	20.8	53	0	100	-113	705(95%)
9	2018/08	Q	104	209	149	187	13.3	25.0	15.7	22.6	55	0	107	-102	724(97%)
10	2018/09	Q	114	176	155	170	12.4	14.0	13.2	13.8	52	0	103	-106	668(93%)
11	2018/10	Q	113	172	159	170	12.6	25.0	13.7	15.8	58	0	95	-99	742(100%)
12	2018/11	Q	107	194	155	183	12.6	26.0	13.9	16.0	52	0	93	-104	671(93%)
13	2018/冬	Q	105	209	145	172	13.4	25.0	16.1	23.1	132	0	108	-119	1903(88%)
14	2018/春	Q	106	165	142	155	12.8	25.0	14.3	17.3	131	0	90	-108	1712(78%)
15	2018/夏	Q	105	211	147	178	13.1	26.0	15.1	20.0	160	0	107	-113	2112(96%)
16	2018/秋	Q	112	194	156	174	12.6	26.0	13.6	15.1	162	0	103	-106	2081(95%)
17	2018/年	Q	107	211	149	172	13.0	26.0	14.7	18.9	585	0	108	-119	7808(89%)

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表3.2.8 2018年臺東海域 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	94	185	143	177	12.4	14.0	13.3	14.0	59	0	94	-98	744(100%)
2	2018/01	X	96	198	149	188	12.4	14.0	13.2	13.6	59	0	100	-98	744(100%)
3	2018/02	X	91	189	133	161	12.4	15.0	13.4	14.2	53	0	92	-98	672(100%)
4	2018/03	X	109	163	148	163	12.4	14.0	13.2	14.0	17	0	89	-87	222(30%)
5	2018/04	X													
6	2018/05	X	98	143	126	142	12.8	24.0	14.3	17.3	31	0	82	-86	401(54%)
7	2018/06	X	88	179	133	166	12.4	14.0	13.7	14.0	57	0	85	-94	720(100%)
8	2018/07	X	94	145	131	140	12.4	14.0	13.1	13.2	50	0	105	-88	651(88%)
9	2018/08	X	95	149	128	141	12.4	14.0	13.2	13.6	59	0	91	-91	743(100%)
10	2018/09	X	98	149	134	144	12.4	14.0	13.2	13.6	52	0	89	-89	674(94%)
11	2018/10	X	97	150	135	149	12.4	15.0	13.4	14.2	59	0	78	-88	744(100%)
12	2018/11	X	91	146	125	137	12.4	13.0	13.0	13.0	42	0	82	-83	539(75%)
13	2018/冬	X	94	198	141	174	12.4	15.0	13.3	13.9	171	0	100	-98	2160(100%)
14	2018/春	X	102	163	134	155	12.7	24.0	13.9	16.5	48	0	89	-87	623(28%)
15	2018/夏	X	92	179	131	148	12.4	14.0	13.3	14.0	166	0	105	-94	2114(96%)
16	2018/秋	X	96	150	132	145	12.4	15.0	13.2	13.7	153	0	89	-89	1957(90%)
17	2018/年	X	95	198	135	157	12.4	24.0	13.3	14.1	538	0	105	-98	6854(78%)

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3.3 2018 年臺東海域**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 Ta-Tung Seas of LTJ0 at 2018

1 ○ 8 ● 15 ● 22 ●

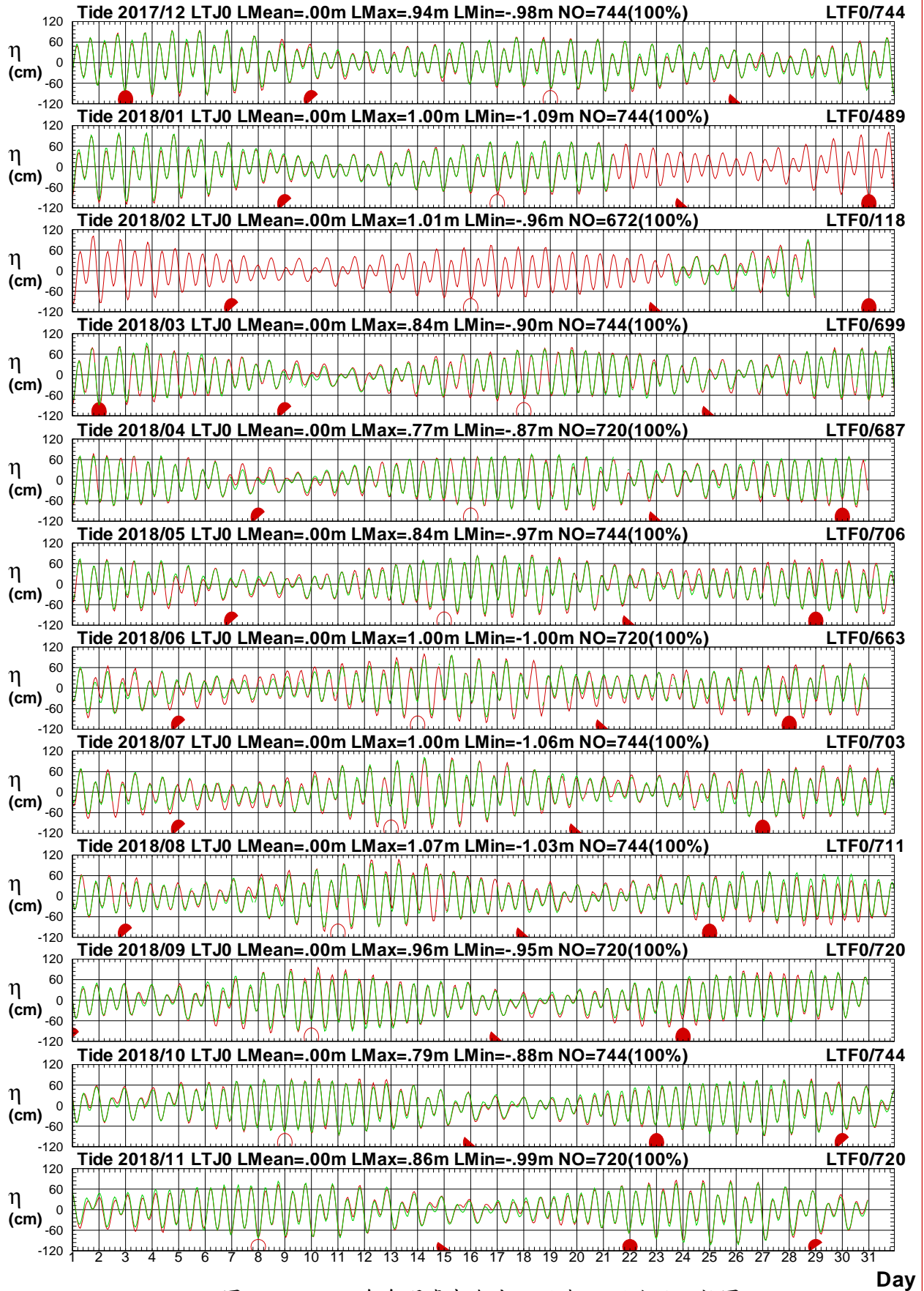


圖3.3.1 2018年每月臺東海域 J 站與 F 站潮位比較圖

T17CLTJ0.1HA T17CLTF0.1H0 T181LTJ0.1HA T181LTF0.1H0 T182LTJ0.1HA T182LTF0.1H0
 T183LTJ0.1HA T183LTF0.1H0 T184LTJ0.1HA T184LTF0.1H0 T185LTJ0.1HA T185LTF0.1H0

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Tidal Level in Ta-Tung Seas of LTJ0 at 2018

1 ○ 8 ● 15 ● 22 ●

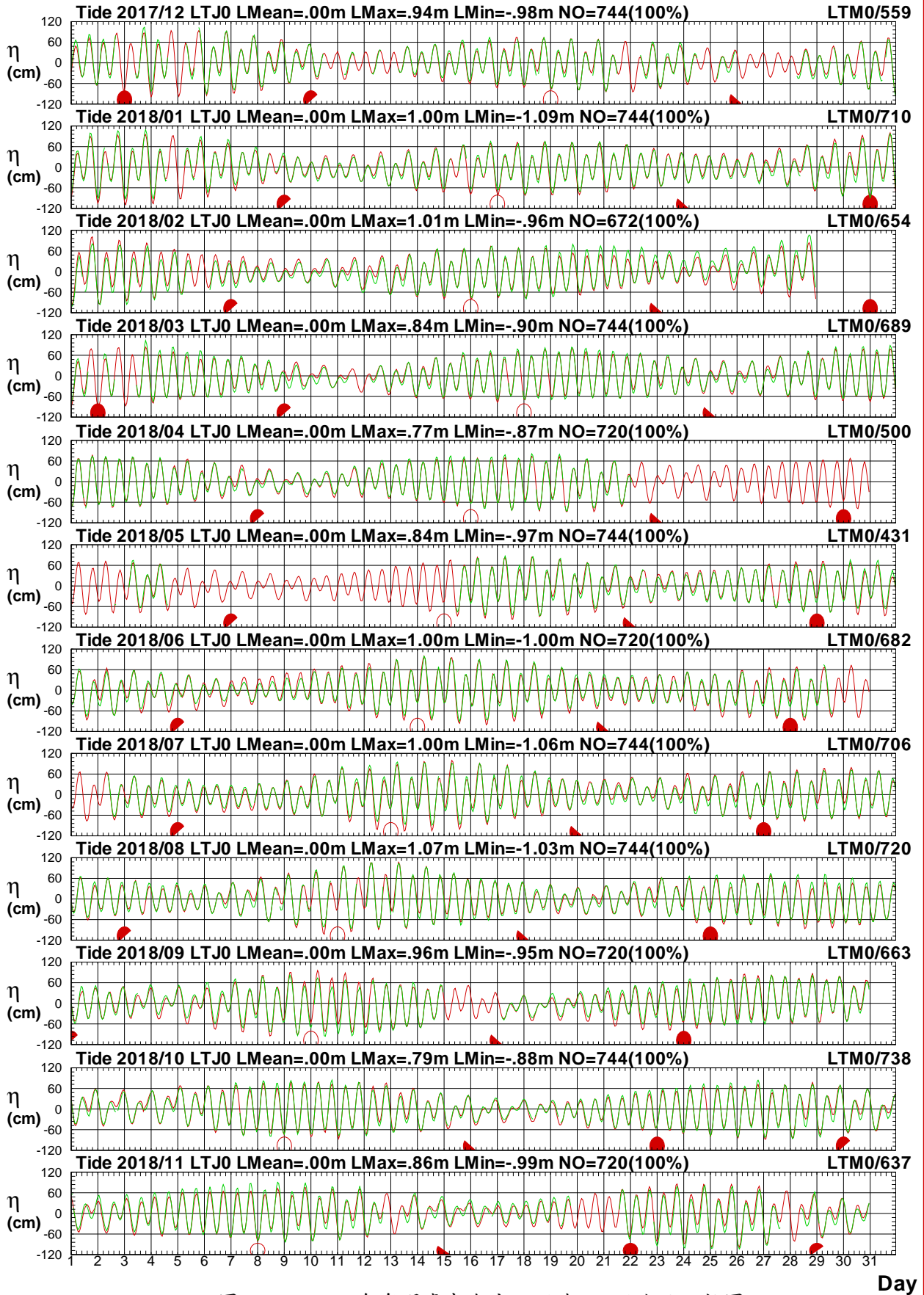


圖3.3.2 2018年每月臺東海域 J 站與 M 站潮位比較圖

T17CLTJ0.1HA T17CLTM0.1H0 T181LTJ0.1HA T181LTM0.1H0 T182LTJ0.1HA T182LTM0.1H0
T183LTJ0.1HA T183LTM0.1H0 T184LTJ0.1HA T184LTM0.1H0 T185LTJ0.1HA T185LTM0.1H0

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Tidal Level in Ta-Tung Seas of LTJ0 at 2018

1 ○ 8 ● 15 ● 22 ●

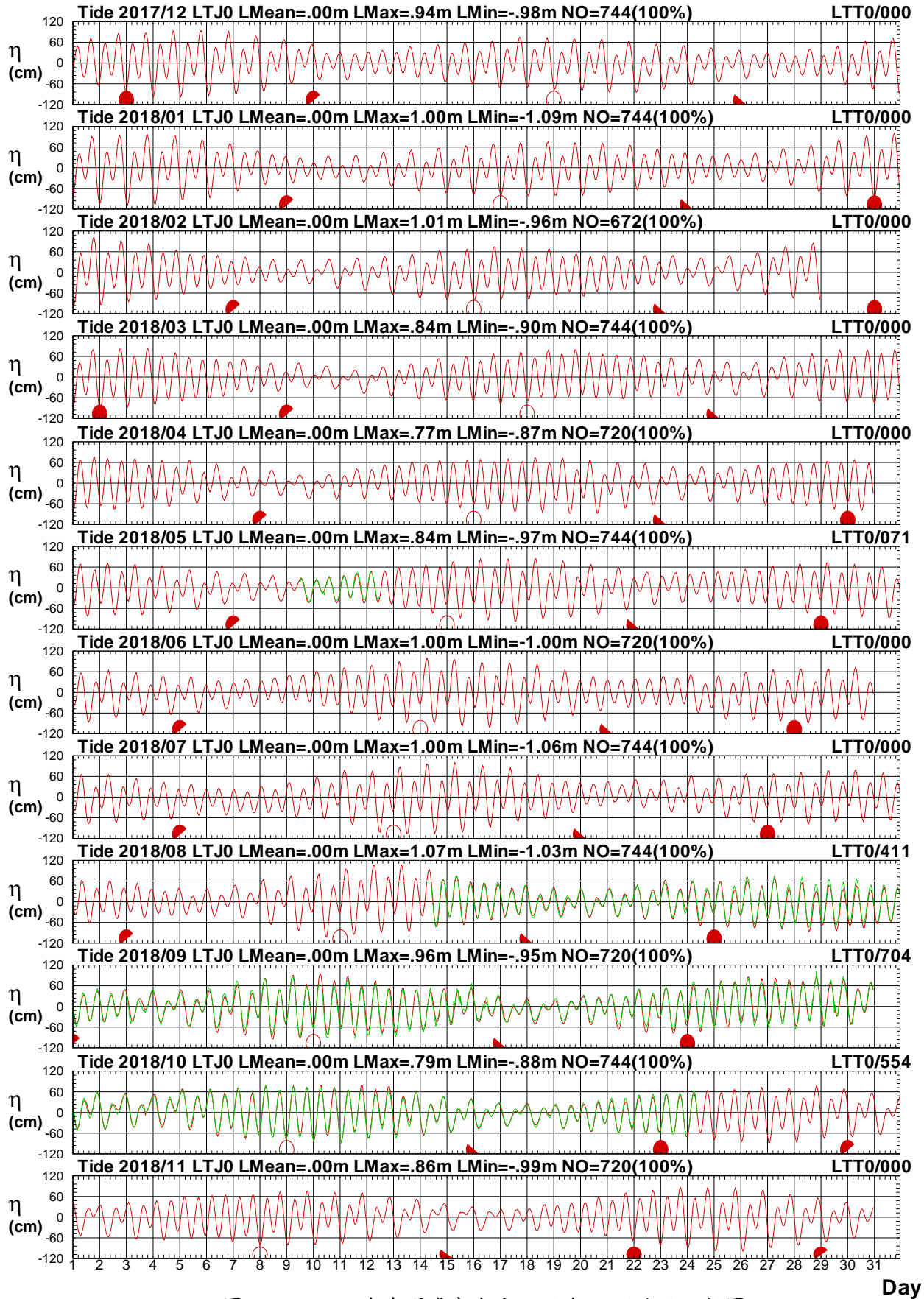


圖3.3.3 2018年每月臺東海域 J 站與 T 站潮位比較圖

T17CLTJ0.1HA T17CLTT0.1H0 T181LTJ0.1HA T181LTT0.1H0 T182LTJ0.1HA T182LTT0.1H0
 T183LTJ0.1HA T183LTT0.1H0 T184LTJ0.1HA T184LTT0.1H0 T185LTJ0.1HA T185LTT0.1H0

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Tidal Level in Ta-Tung Seas of LTJ0 at 2018

1 ○ 8 ● 15 ● 22 ●

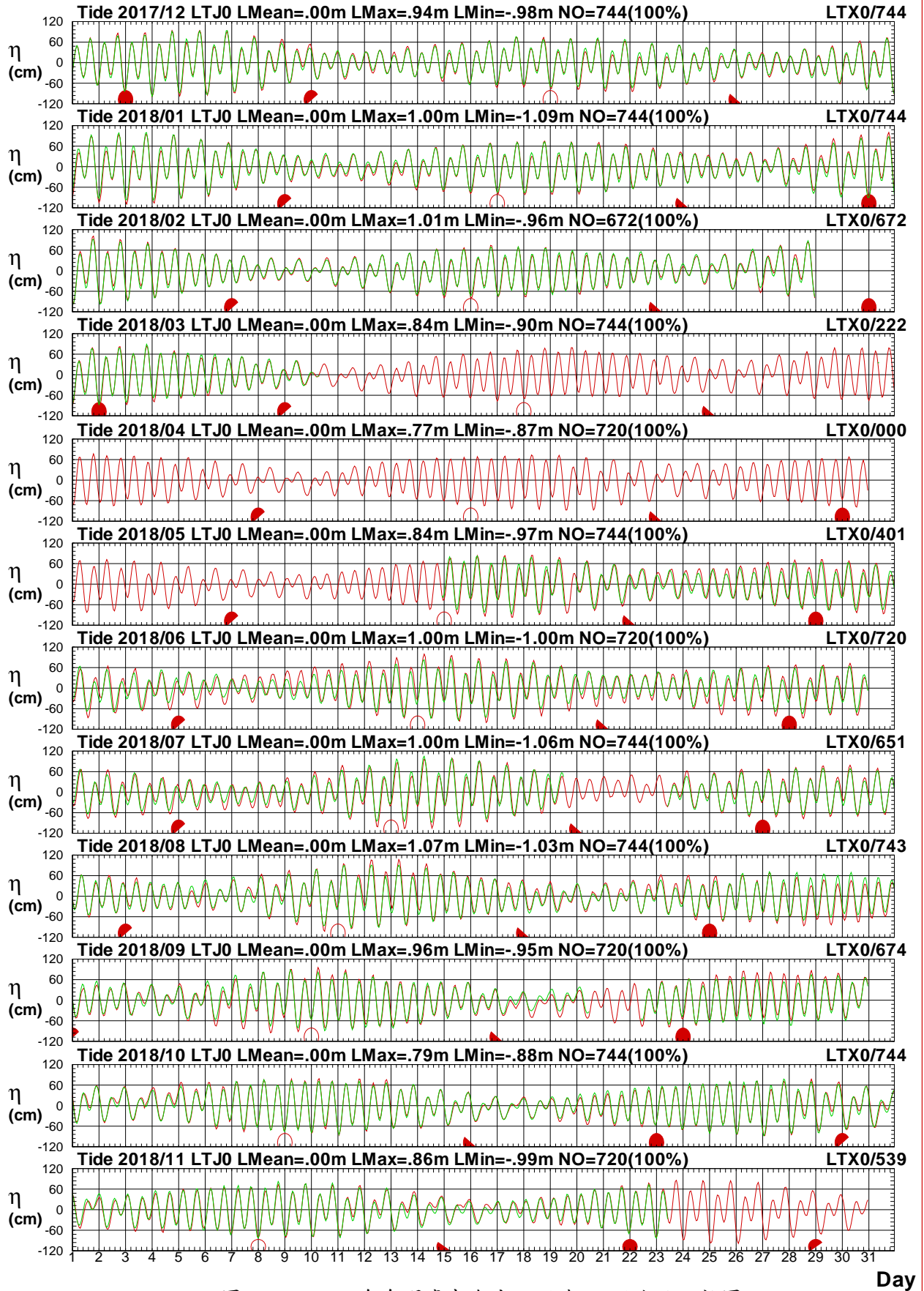


圖3.3.4 2018年每月臺東海域 J 站與 X 站潮位比較圖

T17CLTJ0.1HA T17CLTX0.1H0 T181LTJ0.1HA T181LTX0.1H0 T182LTJ0.1HA T182LTX0.1H0
T183LTJ0.1HA T183LTX0.1H0 T184LTJ0.1HA T184LTX0.1H0 T185LTJ0.1HA T185LTX0.1H0

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Tidal Level in Ta-Tung Seas of LTJ0 at 2018

1 ○ 8 ● 15 ● 22 ●

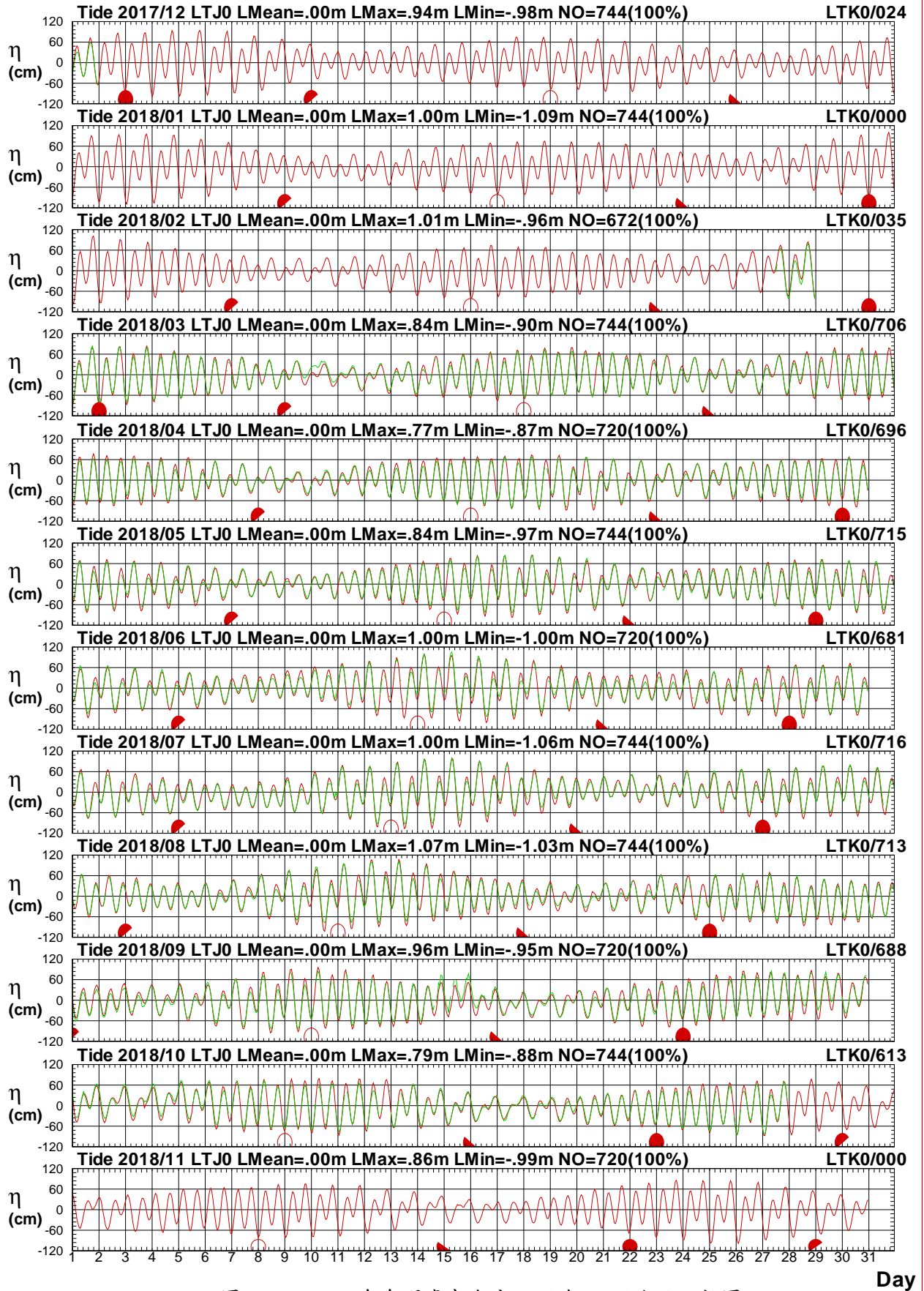


圖3.3.5 2018年每月臺東海域 J 站與 K 站潮位比較圖

T17CLTJ0.1HA T17CLTK0.1H0 T181LTJ0.1HA T181LTK0.1H0 T182LTJ0.1HA T182LTK0.1H0
 T183LTJ0.1HA T183LTK0.1H0 T184LTJ0.1HA T184LTK0.1H0 T185LTJ0.1HA T185LTK0.1H0

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Tidal Level in Ta-Tung Seas of LTJ0 at 2018

1 ○ 8 ● 15 ● 22 ●

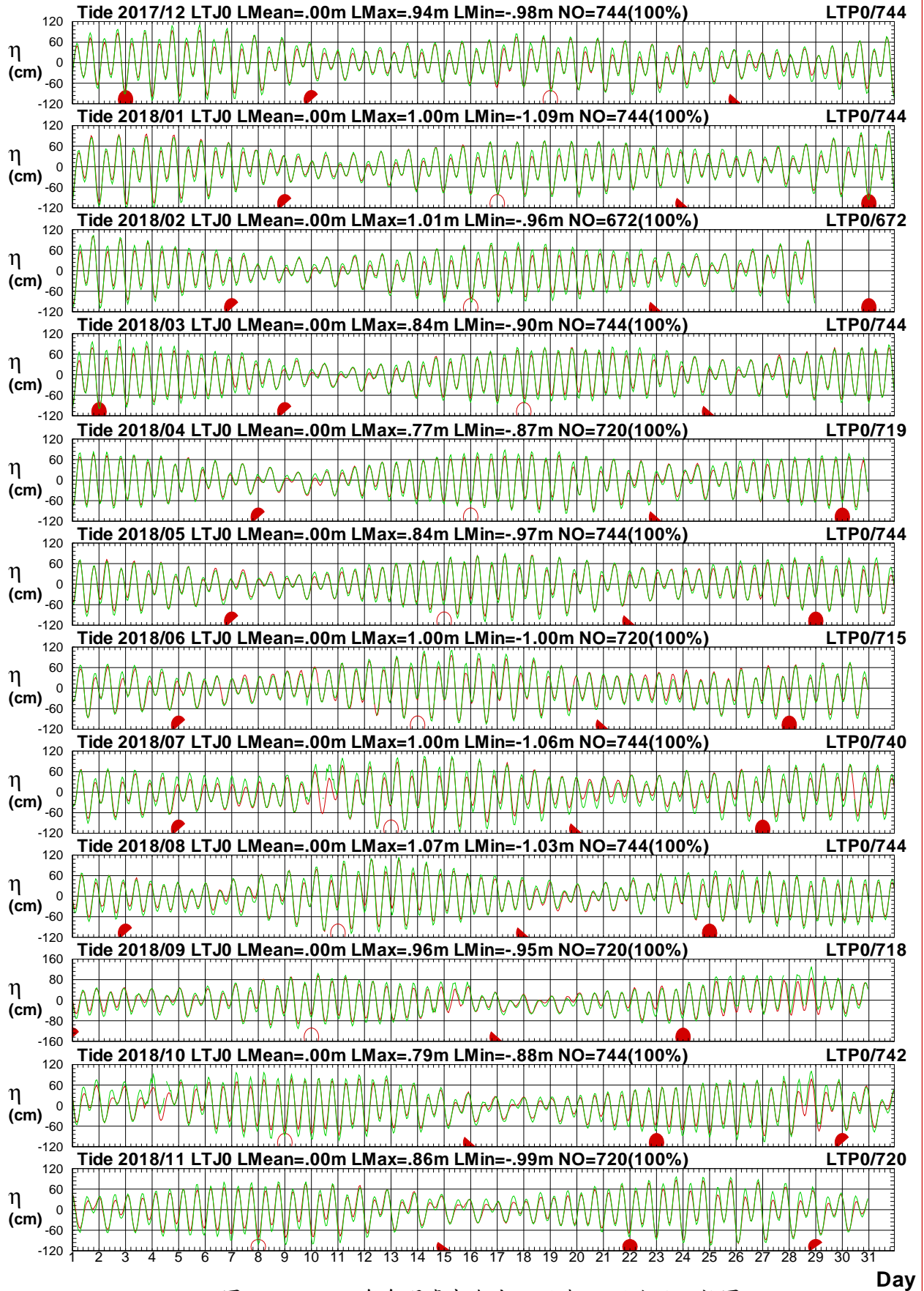


圖3.3.6 2018年每月臺東海域 J 站與 P 站潮位比較圖

T17CLTJ0.1HA T17CLTP0.1H0 T181LTJ0.1HA T181LTP0.1H0 T182LTJ0.1HA T182LTP0.1H0
 T183LTJ0.1HA T183LTP0.1H0 T184LTJ0.1HA T184LTP0.1H0 T185LTJ0.1HA T185LTP0.1H0

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Tidal Level in Ta-Tung Seas of LTJ0 at 2018

1 ○ 8 ● 15 ● 22 ●

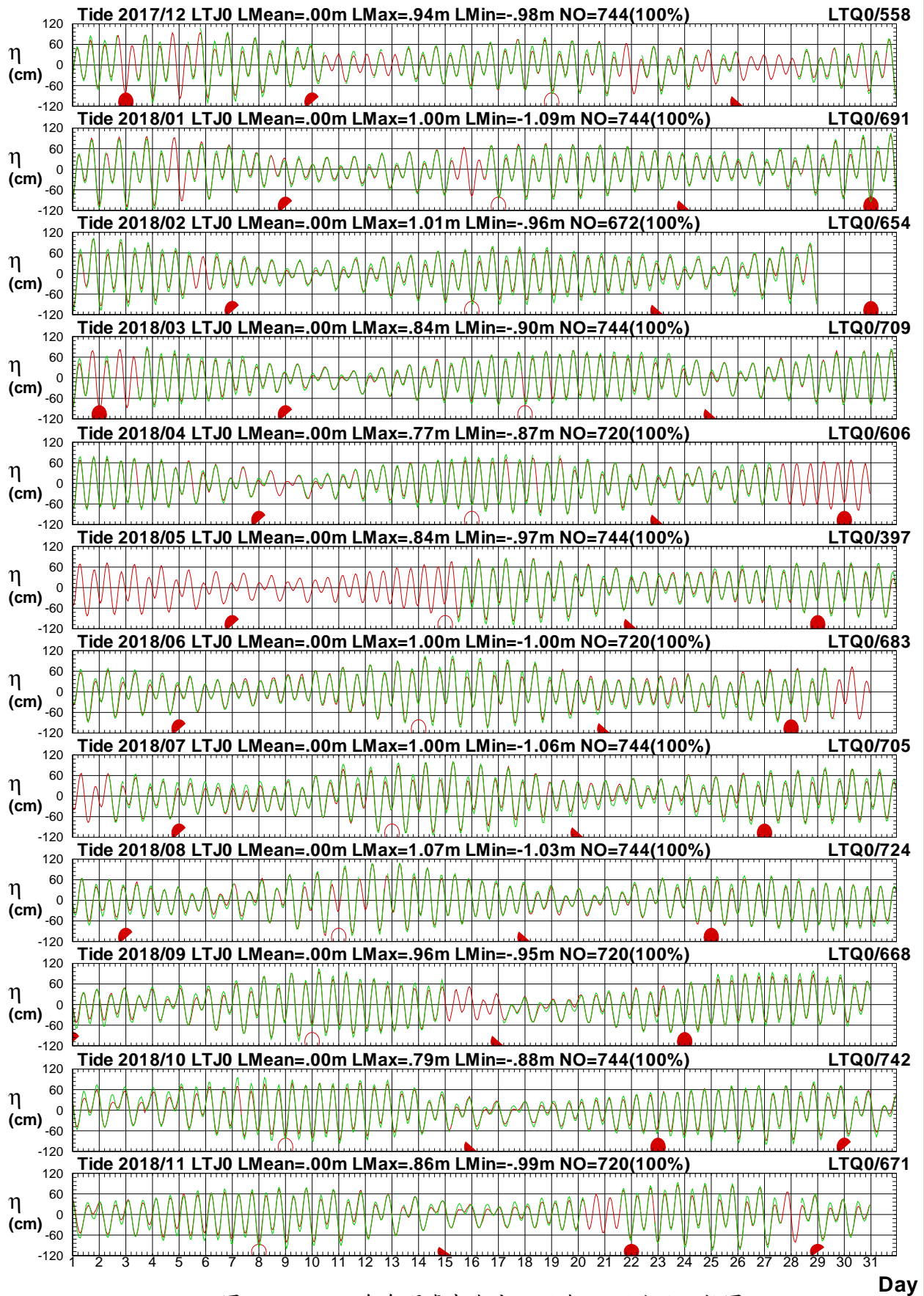


圖3.3.7 2018年每月臺東海域 J 站與 Q 站潮位比較圖

T17CLTJ0.1HA T17CLTQ0.1H0 T181LTJ0.1HA T181LTQ0.1H0 T182LTJ0.1HA T182LTQ0.1H0
T183LTJ0.1HA T183LTQ0.1H0 T184LTJ0.1HA T184LTQ0.1H0 T185LTJ0.1HA T185LTQ0.1H0

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3.4 2018 年臺東海域**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 Ta-Tung Seas of LTF0 at 2018

1 ○ 8 ● 15 ● 22 ●

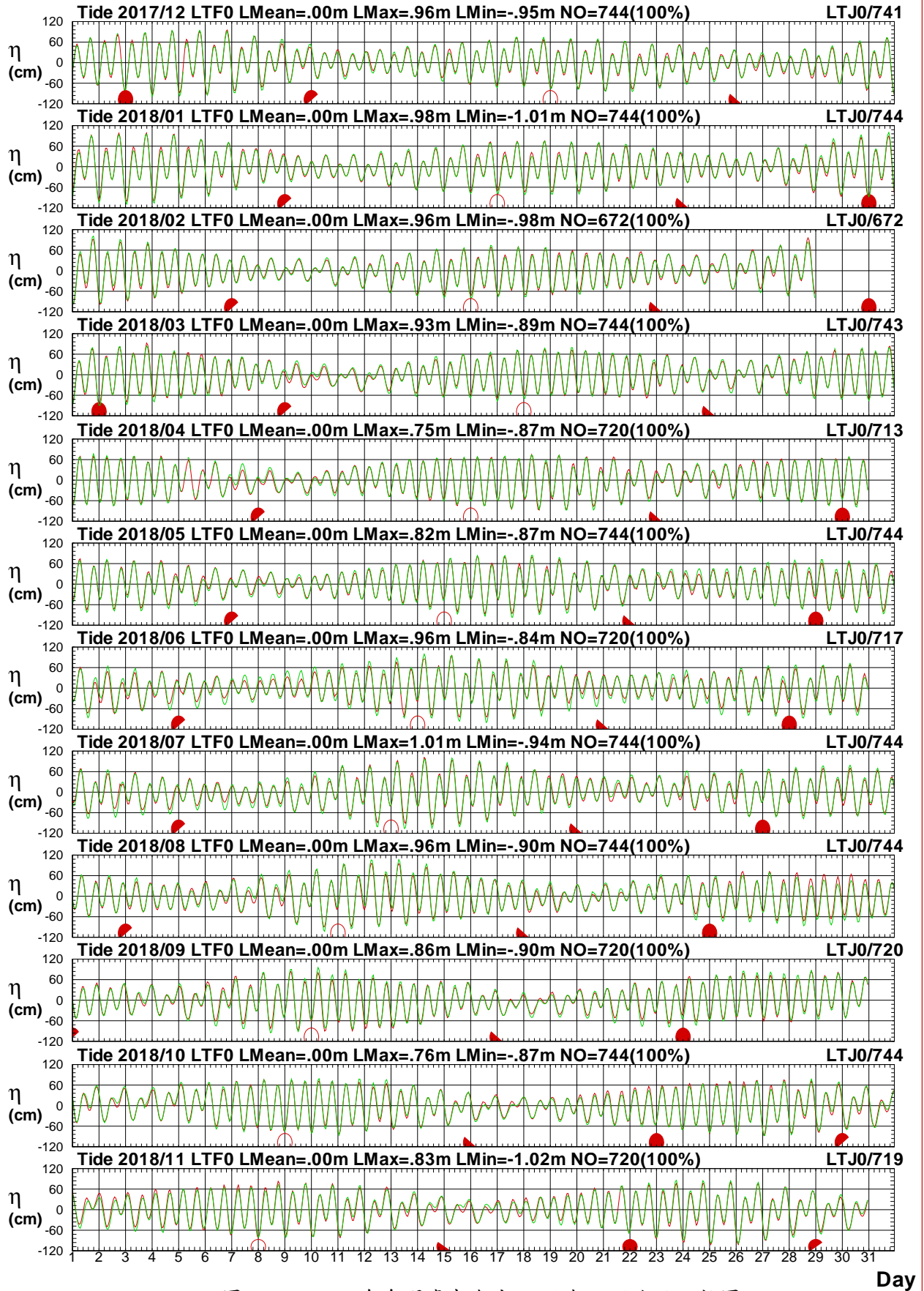


圖3.4.1 2018年每月臺東海域 F 站與 J 站潮位比較圖

T17CLTF0.1HA T17CLTJ0.1H0 T181LTF0.1HA T181LTJ0.1H0 T182LTF0.1HA T182LTJ0.1H0
 T183LTF0.1HA T183LTJ0.1H0 T184LTF0.1HA T184LTJ0.1H0 T185LTF0.1HA T185LTJ0.1H0

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Tidal Level in Ta-Tung Seas of LTF0 at 2018

1 ○ 8 ● 15 ● 22 ●

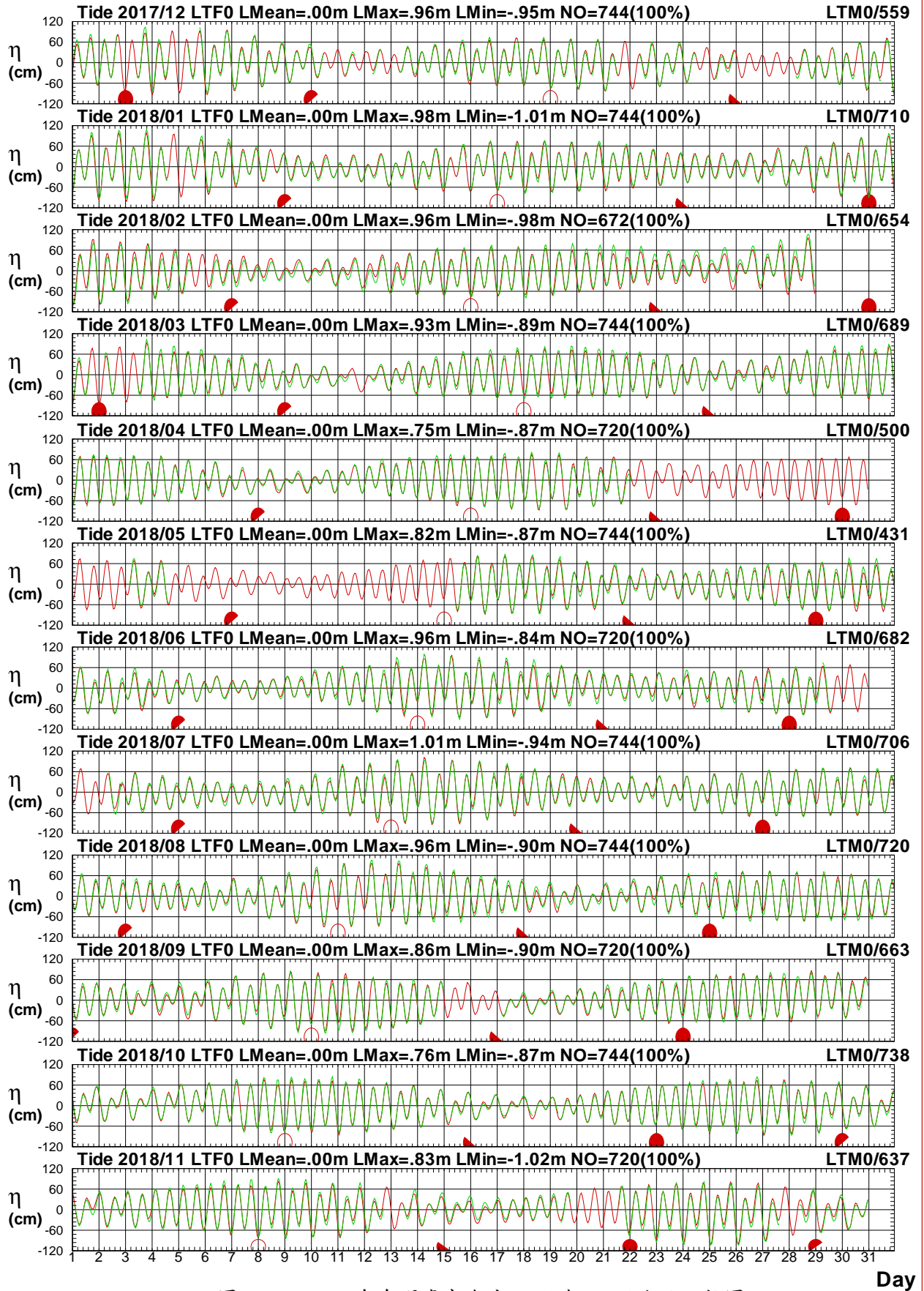


圖3.4.2 2018年每月臺東海域 F 站與 M 站潮位比較圖

T17CLTF0.1HA T17CLTM0.1H0 T181LTF0.1HA T181LTM0.1H0 T182LTF0.1HA T182LTM0.1H0
 T183LTF0.1HA T183LTM0.1H0 T184LTF0.1HA T184LTM0.1H0 T185LTF0.1HA T185LTM0.1H0

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Tidal Level in Ta-Tung Seas of LTF0 at 2018

1 ○ 8 ● 15 ● 22 ●

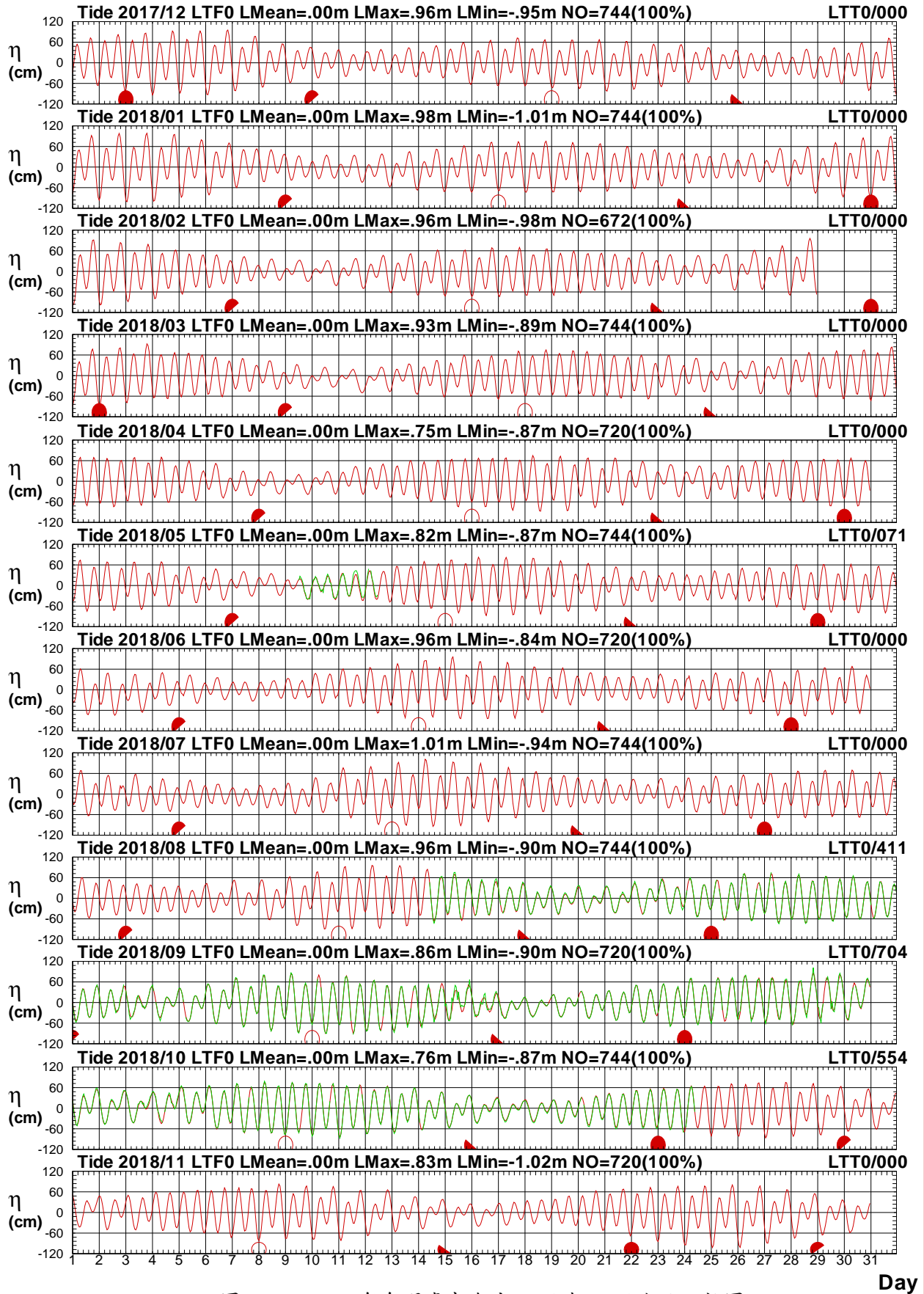


圖3.4.3 2018年每月臺東海域 F 站與 T 站潮位比較圖

T17CLTF0.1HA T17CLTT0.1H0 T181LTF0.1HA T181LTT0.1H0 T182LTF0.1HA T182LTT0.1H0
T183LTF0.1HA T183LTT0.1H0 T184LTF0.1HA T184LTT0.1H0 T185LTF0.1HA T185LTT0.1H0

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Tidal Level in Ta-Tung Seas of LTF0 at 2018

1 ○ 8 ● 15 ● 22 ●

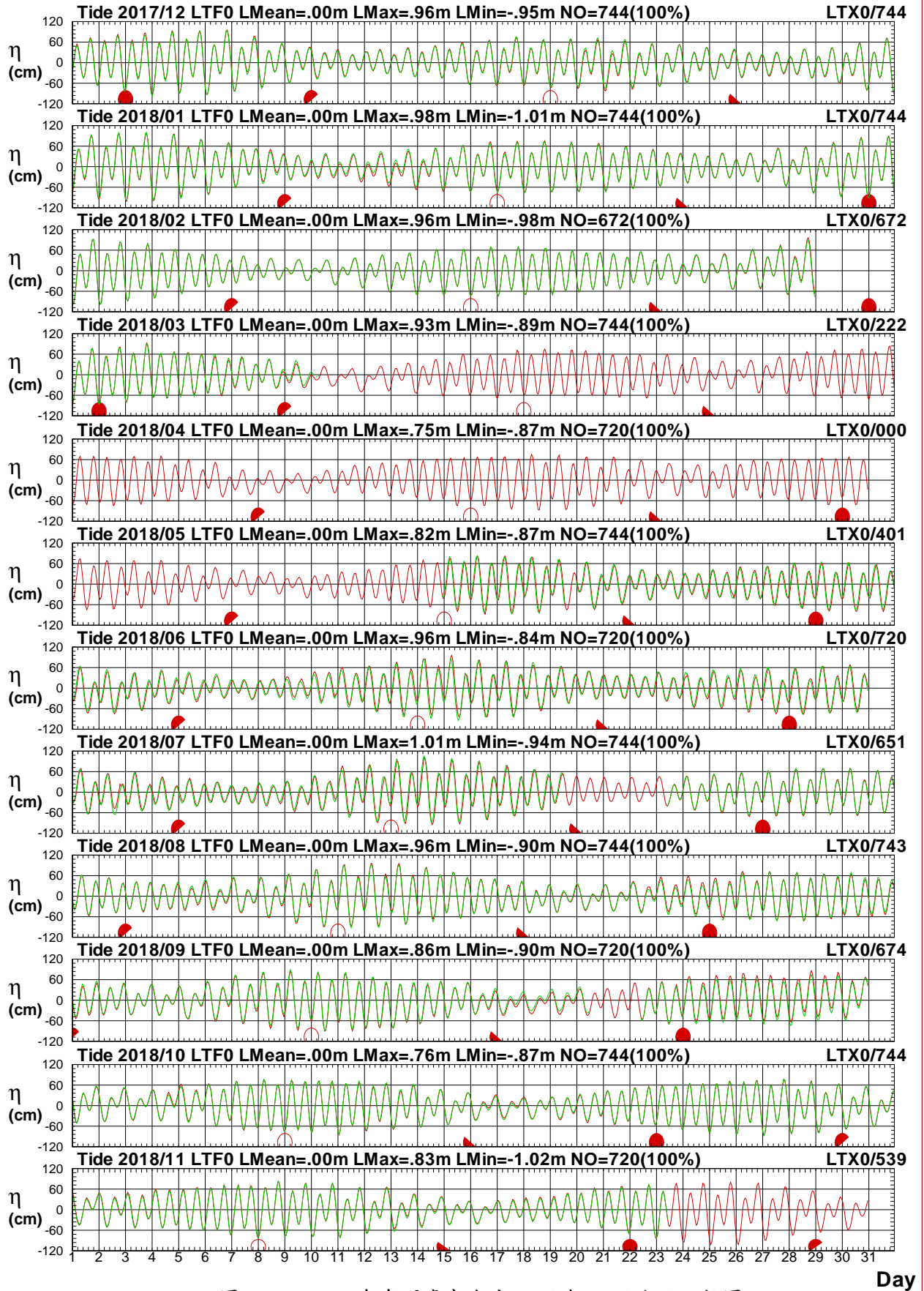


圖3.4.4 2018年每月臺東海域 F 站與 X 站潮位比較圖

T17CLTF0.1HA T17CLTX0.1H0 T181LTF0.1HA T181LTX0.1H0 T182LTF0.1HA T182LTX0.1H0
 T183LTF0.1HA T183LTX0.1H0 T184LTF0.1HA T184LTX0.1H0 T185LTF0.1HA T185LTX0.1H0

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Tidal Level in Ta-Tung Seas of LTF0 at 2018

1 ○ 8 ● 15 ● 22 ●

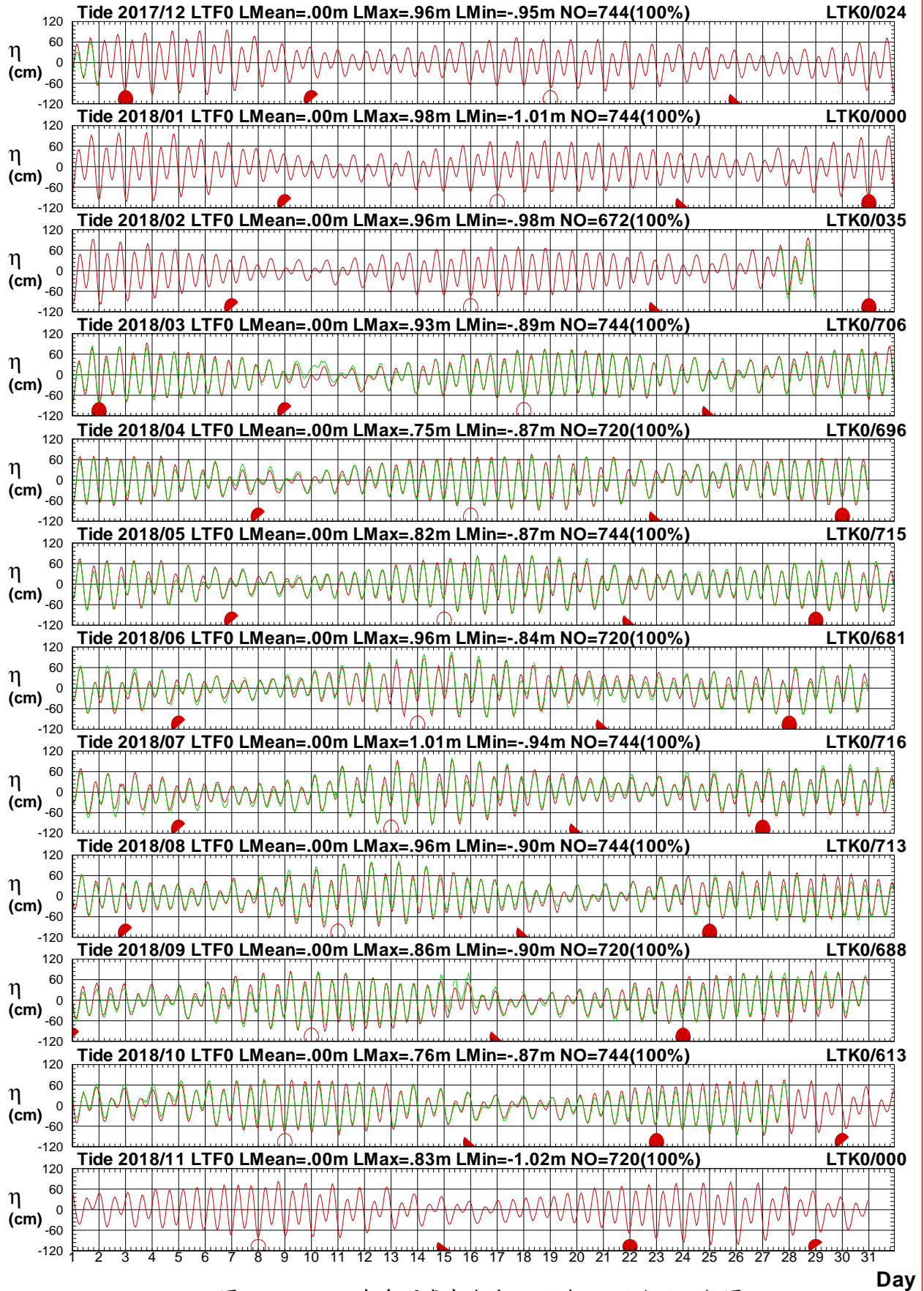


圖3.4.5 2018年每月臺東海域 F 站與 K 站潮位比較圖

T17CLTF0.1HA T17CLTK0.1H0 T181LTF0.1HA T181LTK0.1H0 T182LTF0.1HA T182LTK0.1H0
 T183LTF0.1HA T183LTK0.1H0 T184LTF0.1HA T184LTK0.1H0 T185LTF0.1HA T185LTK0.1H0

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Tidal Level in Ta-Tung Seas of LTF0 at 2018

1 ○ 8 ● 15 ● 22 ●

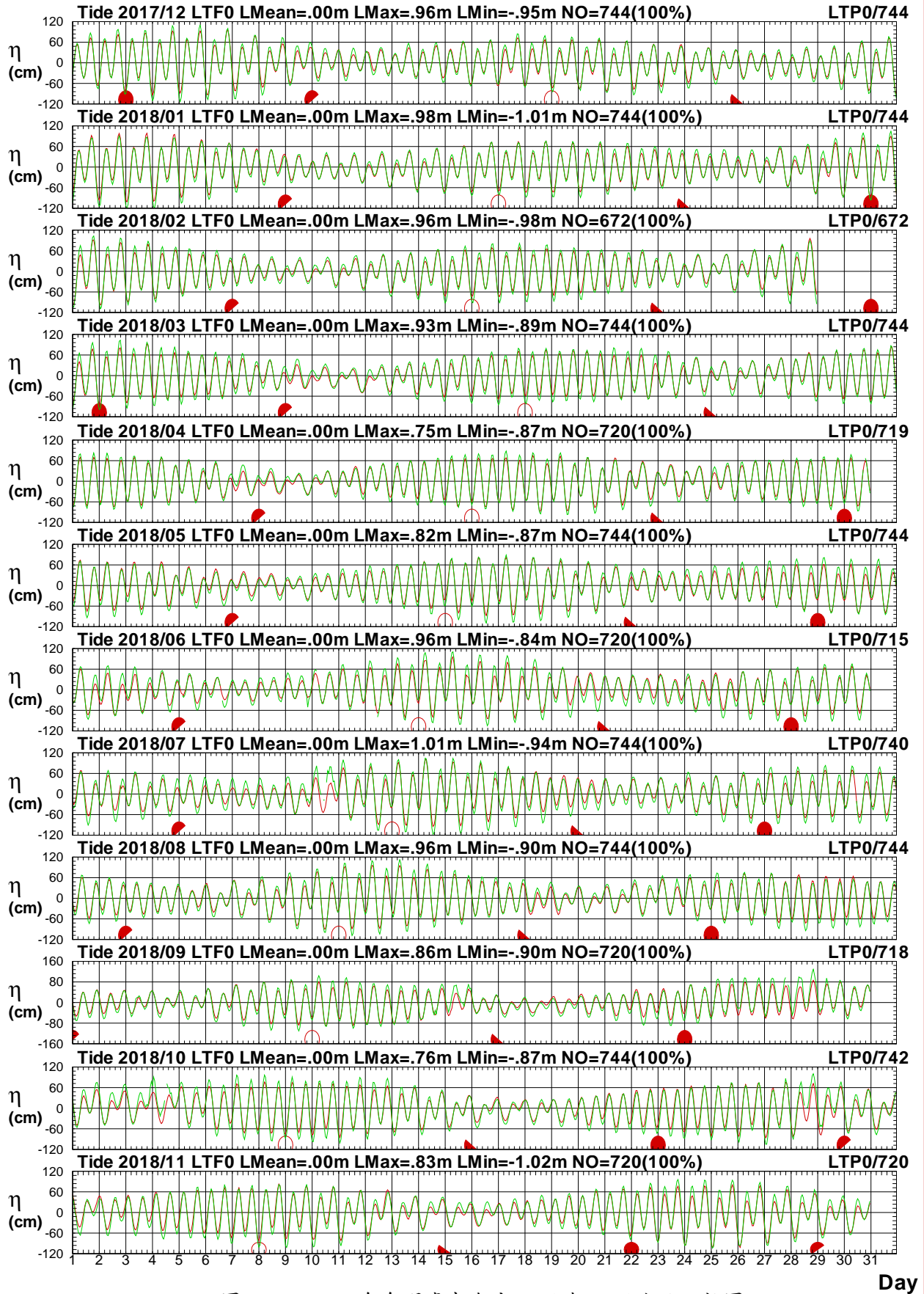


圖3.4.6 2018年每月臺東海域 F 站與 P 站潮位比較圖

T17CLTF0.1HA T17CLTP0.1H0 T181LTF0.1HA T181LTP0.1H0 T182LTF0.1HA T182LTP0.1H0
 T183LTF0.1HA T183LTP0.1H0 T184LTF0.1HA T184LTP0.1H0 T185LTF0.1HA T185LTP0.1H0

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Tidal Level in Ta-Tung Seas of LTF0 at 2018

1 ○ 8 ● 15 ● 22 ●

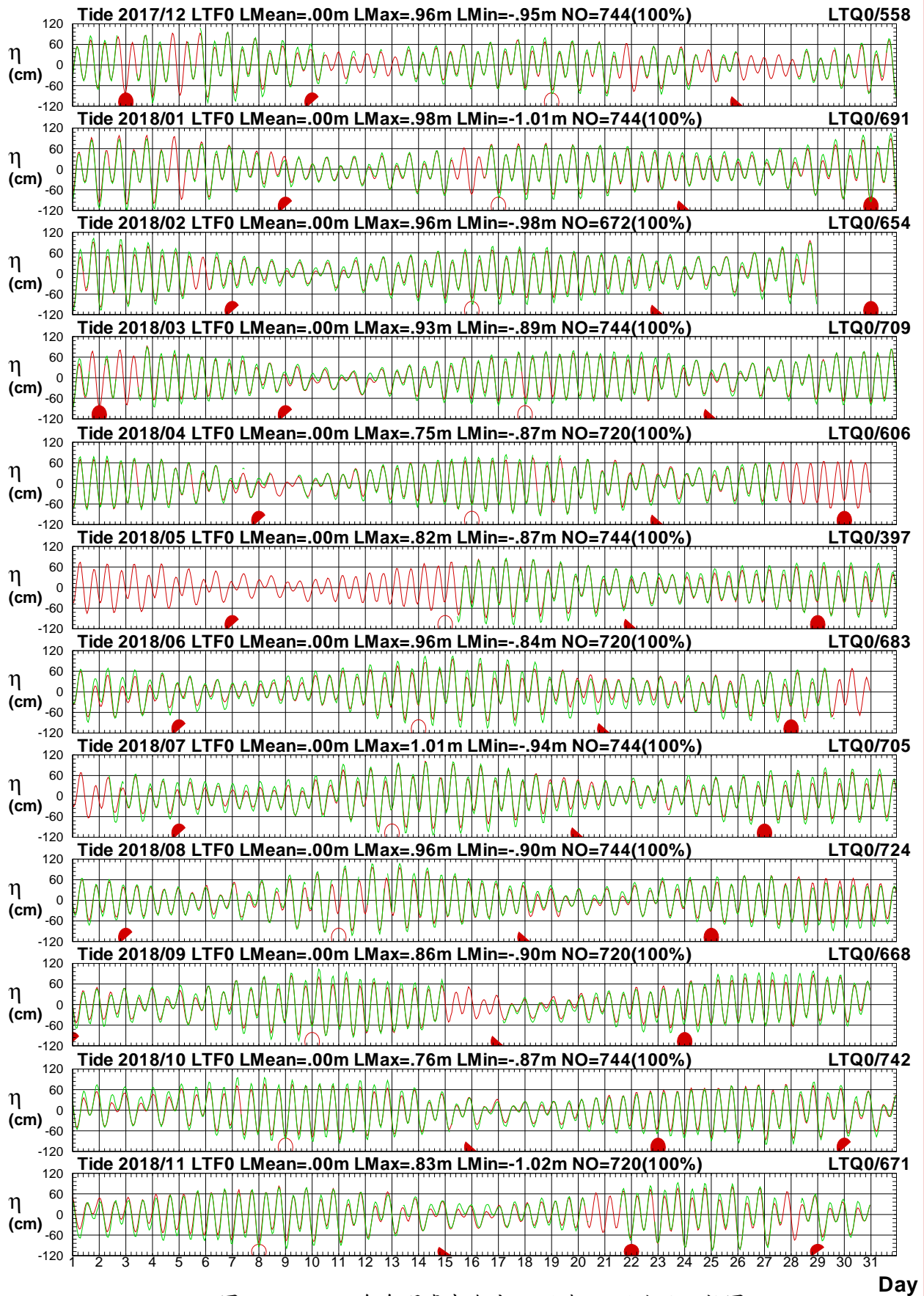


圖3.4.7 2018年每月臺東海域 F 站與 Q 站潮位比較圖

T17CLTF0.1HA T17CLTQ0.1H0 T181LTF0.1HA T181LTQ0.1H0 T182LTF0.1HA T182LTQ0.1H0
 T183LTF0.1HA T183LTQ0.1H0 T184LTF0.1HA T184LTQ0.1H0 T185LTF0.1HA T185LTQ0.1H0

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3.5 2018 年臺東海域**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 Ta-Tung Seas of LTM0 at 2018

1 ○ 8 ● 15 ● 22 ●

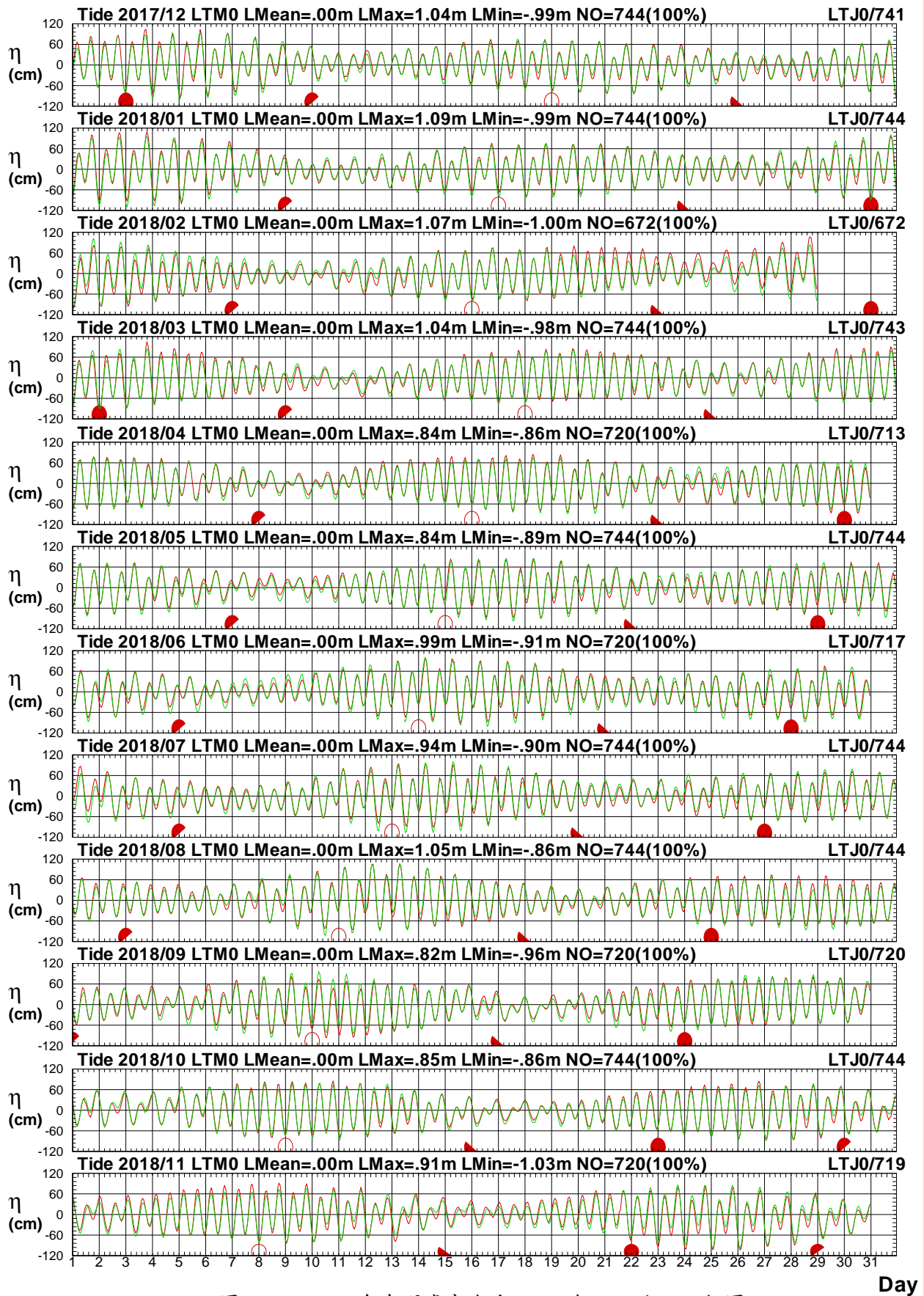


圖3.4.8 2018年每月臺東海域 M 站與 J 站潮位比較圖

T17CLTM0.1HA T17CLTJ0.1H0 T181LTM0.1HA T181LTJ0.1H0 T182LTM0.1HA T182LTJ0.1H0
 T183LTM0.1HA T183LTJ0.1H0 T184LTM0.1HA T184LTJ0.1H0 T185LTM0.1HA T185LTJ0.1H0

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Tidal Level in Ta-Tung Seas of LTM0 at 2018

1 ○ 8 ● 15 ● 22 ●

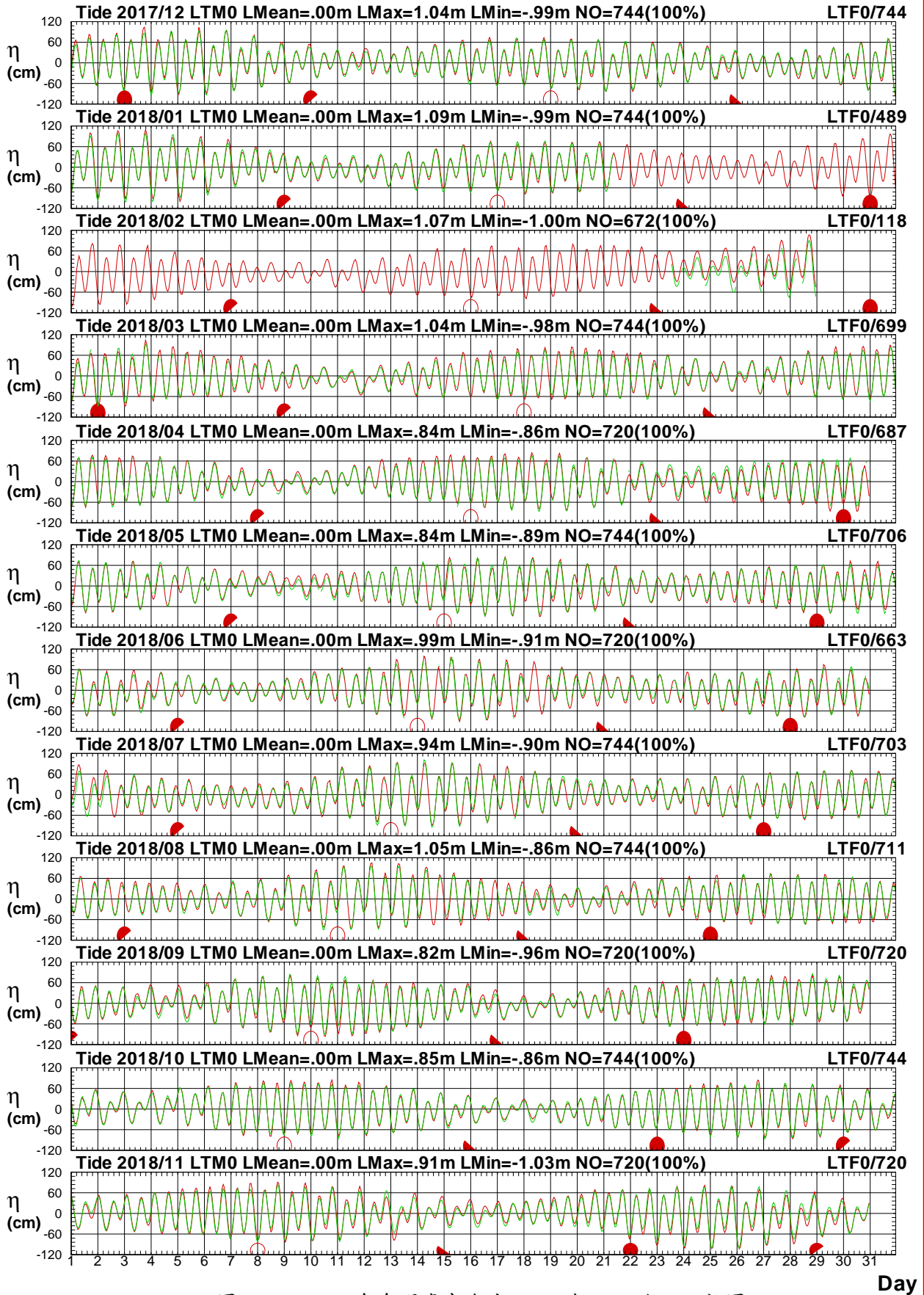


圖3.4.9 2018年每月臺東海域 M 站與 F 站潮位比較圖

T17CLTM0.1HA T17CLTF0.1H0 T181LTM0.1HA T181LTF0.1H0 T182LTM0.1HA T182LTF0.1H0
 T183LTM0.1HA T183LTF0.1H0 T184LTM0.1HA T184LTF0.1H0 T185LTM0.1HA T185LTF0.1H0

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Tidal Level in Ta-Tung Seas of LTM0 at 2018

1 ○ 8 ● 15 ● 22 ●

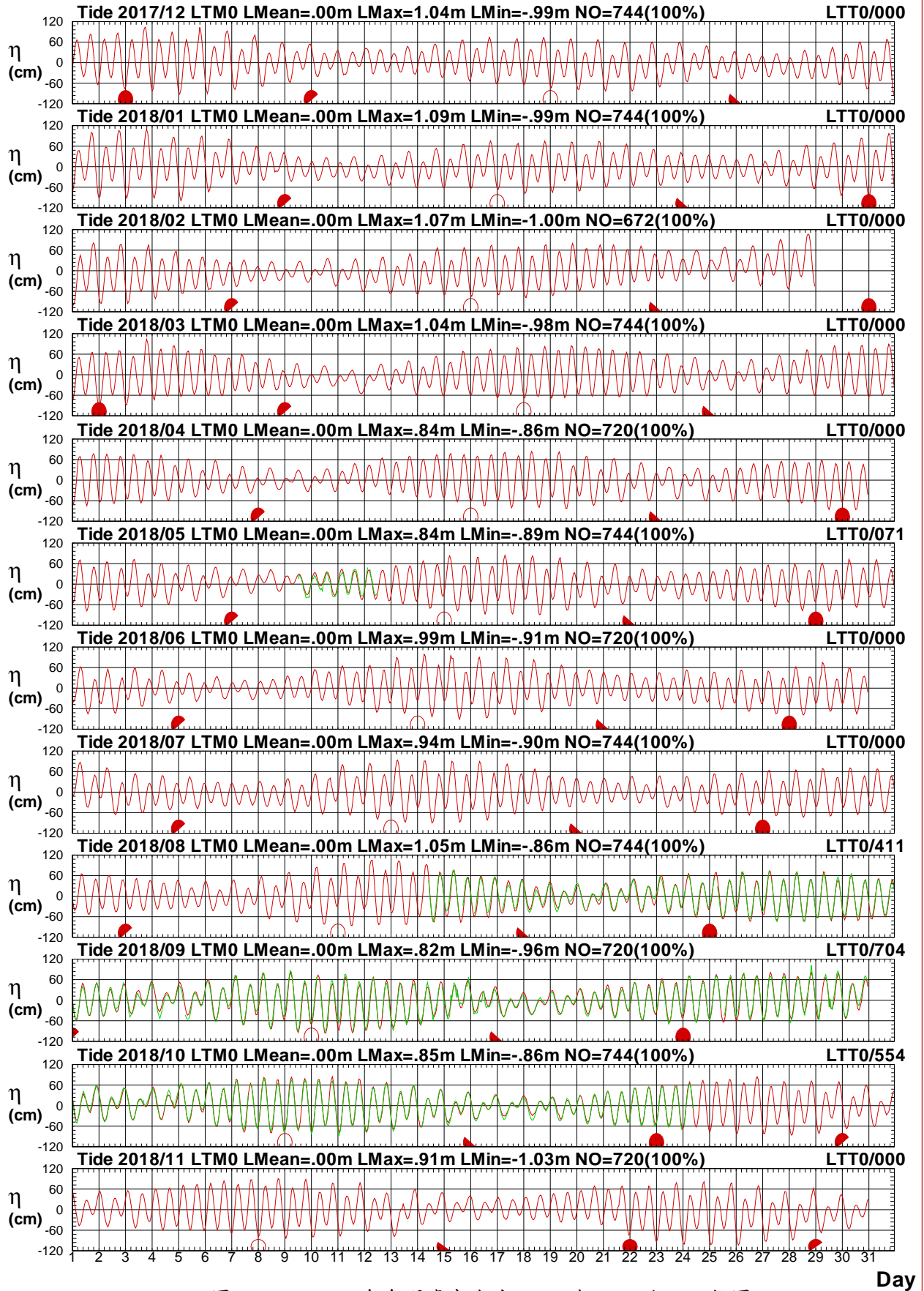


圖3.4.10 2018年每月臺東海域 M 站與 T 站潮位比較圖

T17CLTM0.1HA T17CLTT0.1H0 T181LTM0.1HA T181LTT0.1H0 T182LTM0.1HA T182LTT0.1H0
 T183LTM0.1HA T183LTT0.1H0 T184LTM0.1HA T184LTT0.1H0 T185LTM0.1HA T185LTT0.1H0

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Tidal Level in Ta-Tung Seas of LTM0 at 2018

1 ○ 8 ● 15 ● 22 ●

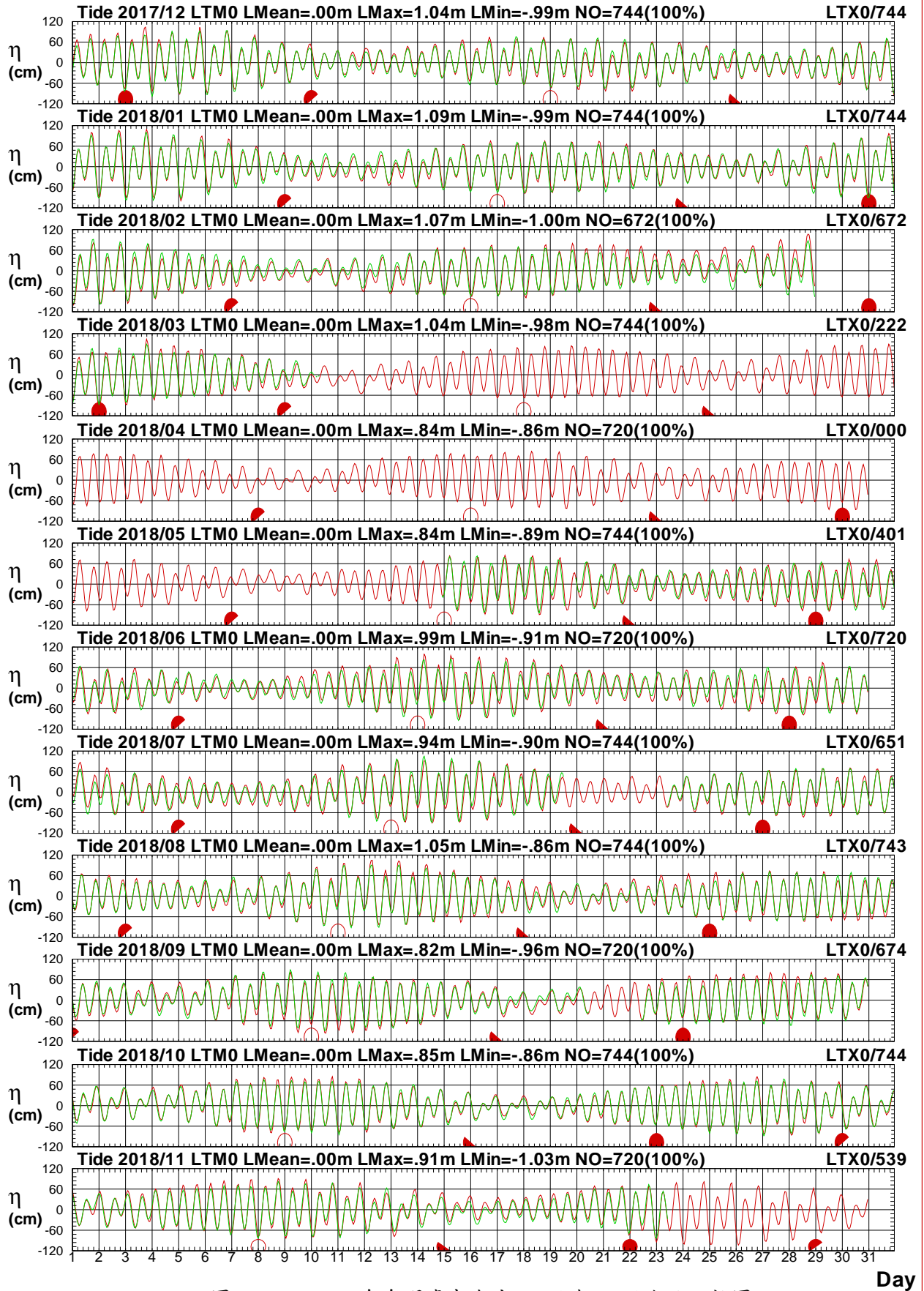


圖3.4.11 2018年每月臺東海域 M 站與 X 站潮位比較圖

T17CLTM0.1HA T17CLTX0.1H0 T181LTM0.1HA T181LTX0.1H0 T182LTM0.1HA T182LTX0.1H0
 T183LTM0.1HA T183LTX0.1H0 T184LTM0.1HA T184LTX0.1H0 T185LTM0.1HA T185LTX0.1H0

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Tidal Level in Ta-Tung Seas of LTM0 at 2018

1 ○ 8 ● 15 ● 22 ●

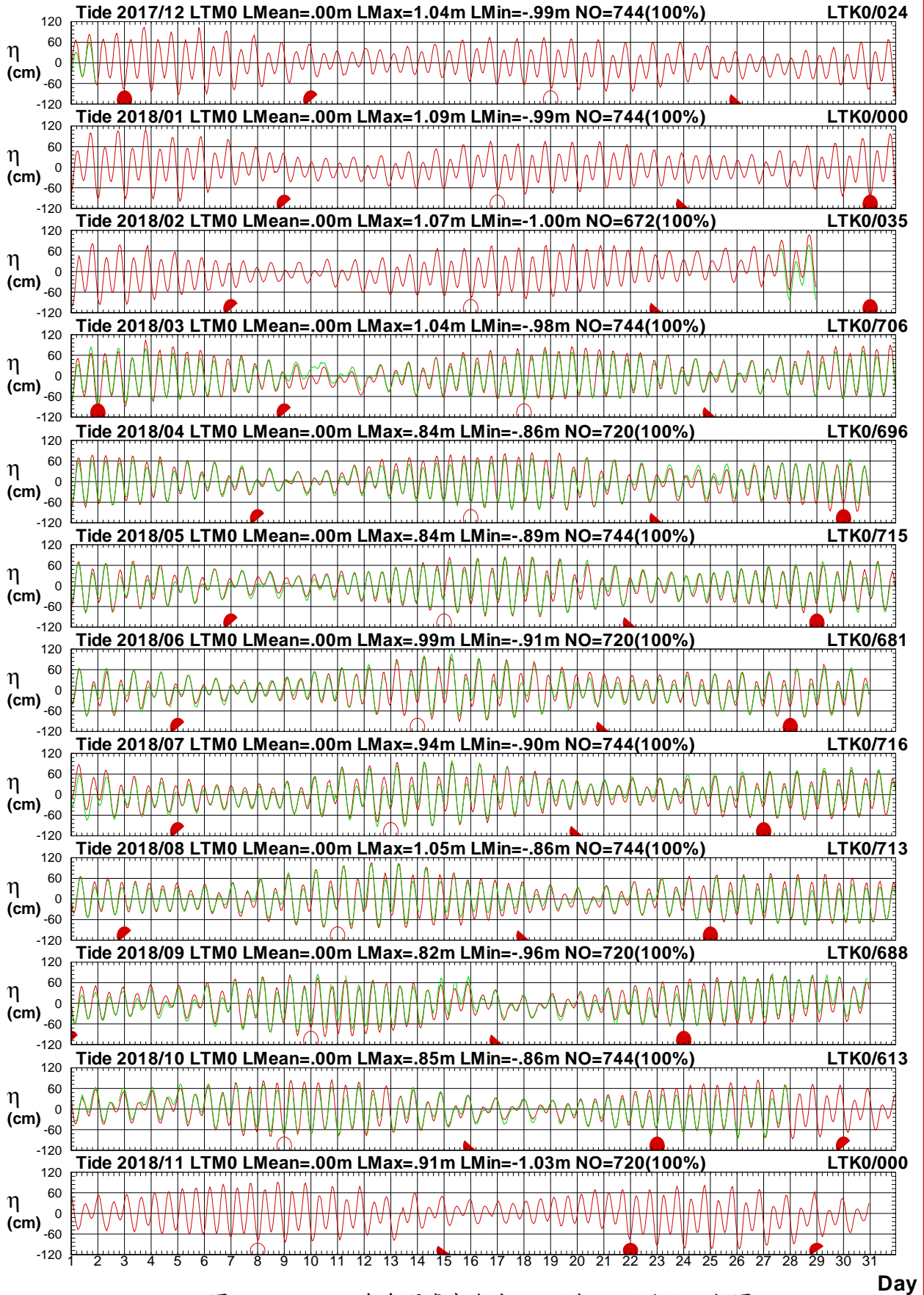


圖3.4.12 2018年每月臺東海域 M 站與 K 站潮位比較圖

T17CLTM0.1HA T17CLTK0.1H0 T181LTM0.1HA T181LTK0.1H0 T182LTM0.1HA T182LTK0.1H0
 T183LTM0.1HA T183LTK0.1H0 T184LTM0.1HA T184LTK0.1H0 T185LTM0.1HA T185LTK0.1H0

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Tidal Level in Ta-Tung Seas of LTM0 at 2018

1 ○ 8 ● 15 ● 22 ●

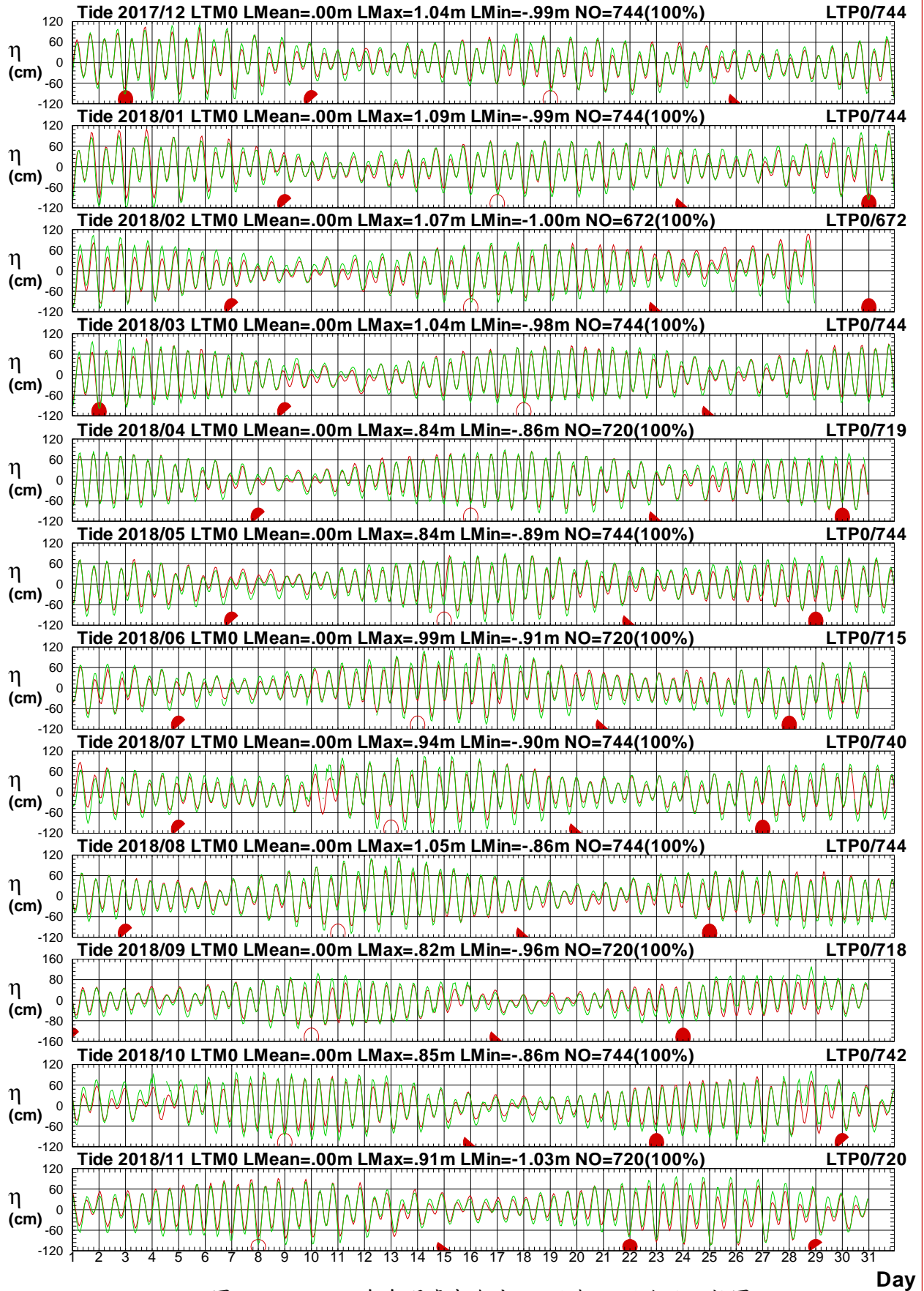


圖3.4.13 2018年每月臺東海域 M 站與 P 站潮位比較圖

T17CLTM0.1HA T17CLTP0.1H0 T181LTM0.1HA T181LTP0.1H0 T182LTM0.1HA T182LTP0.1H0
 T183LTM0.1HA T183LTP0.1H0 T184LTM0.1HA T184LTP0.1H0 T185LTM0.1HA T185LTP0.1H0

Institute of Harbor & Marine Technology

Tidal Level in Ta-Tung Seas of LTM0 at 2018

1 ○ 8 ● 15 ● 22 ●

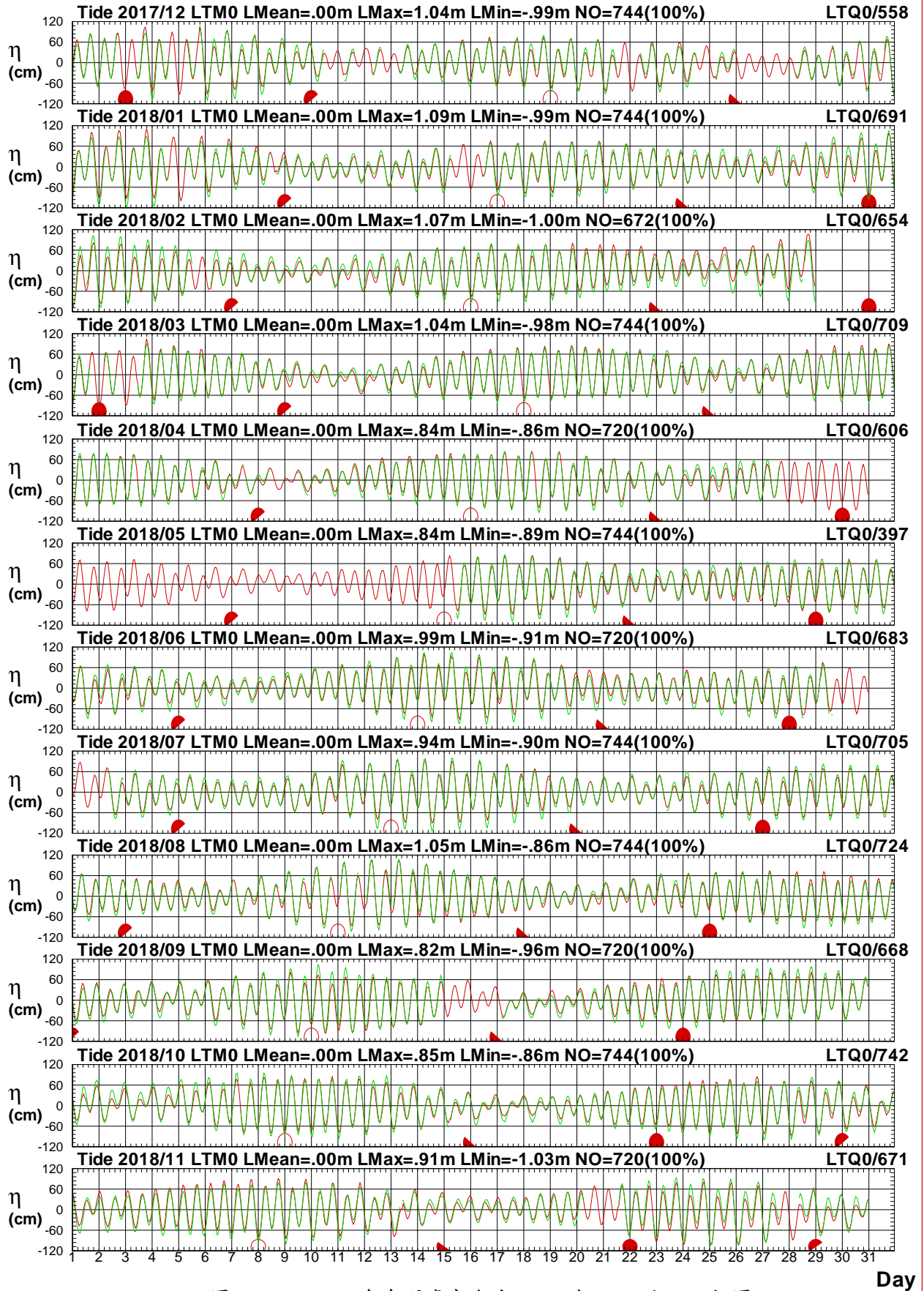


圖3.4.14 2018年每月臺東海域 M 站與 Q 站潮位比較圖

T17CLTM0.1HA T17CLTQ0.1H0 T181LTM0.1HA T181LTQ0.1H0 T182LTM0.1HA T182LTQ0.1H0
 T183LTM0.1HA T183LTQ0.1H0 T184LTM0.1HA T184LTQ0.1H0 T185LTM0.1HA T185LTQ0.1H0

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第四章 2018 年臺東海域觀測海流資料年報

臺東海域海流之觀測包括測站 X 及測站 Y 等 2 個測站(測站位置如第 O 章圖 CJ1)。

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 年臺東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年每月臺東海域各測站觀測海流資料紀錄表

海域	臺東海域	臺東海域	臺東海域	臺東海域	臺東海域	臺東海域	臺東海域	臺東海域	臺東海域	臺東海域	臺東海域	臺東海域
年月/測站	X	Y	Z	R								
2017/12月	744(100%)	744(100%)	*	*	*	*	*	*	*	*	*	*
2018/ 1月	744(100%)	744(100%)	*	*	*	*	*	*	*	*	*	*
2018/ 2月	672(100%)	672(100%)	*	*	*	*	*	*	*	*	*	*
2018/ 3月	222(29.8%)	744(100%)	*	*	*	*	*	*	*	*	*	*
2018/ 4月	*	716(99.4%)	*	*	*	*	*	*	*	*	*	*
2018/ 5月	404(54.3%)	673(90.5%)	*	*	*	*	*	*	*	*	*	*
2018/ 6月	720(100%)	456(63.3%)	*	*	*	*	*	*	*	*	*	*
2018/ 7月	732(98.4%)	510(68.5%)	*	*	*	*	*	*	*	*	*	*
2018/ 8月	743(99.9%)	744(100%)	*	*	*	*	*	*	*	*	*	*
2018/ 9月	472(65.6%)	696(96.7%)	*	*	*	*	*	*	*	*	*	*
2018/10月	744(100%)	733(98.5%)	*	*	*	*	*	*	*	*	*	*
2018/11月	539(74.9%)	718(99.7%)	*	*	*	*	*	*	*	*	*	*
2018/冬季	2160(100%)	2160(100%)	*	*	*	*	*	*	*	*	*	*
2018/春季	626(28.4%)	2133(96.6%)	*	*	*	*	*	*	*	*	*	*
2018/夏季	2195(99.4%)	1710(77.4%)	*	*	*	*	*	*	*	*	*	*
2018/秋季	1755(80.4%)	2147(98.3%)	*	*	*	*	*	*	*	*	*	*
2018/整年	6736(76.9%)	8150(93.0%)	*	*	*	*	*	*	*	*	*	*
起始年月	2017/12	2017/12	*	*	*	*	*	*	*	*	*	*
結束年月	2018/11	2018/11	*	*	*	*	*	*	*	*	*	*

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表4.1.1b 2018年每月臺東海域計算潮流各測站資料紀錄表

海域	臺東海域	臺東海域	臺東海域	臺東海域	臺東海域	臺東海域	臺東海域	臺東海域	臺東海域	臺東海域	臺東海域	臺東海域
年月/測站	X	Y	Z	R								
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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4.2 2018 年臺東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年臺東海域 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	744(100%)	19.9	13.9/NNE	61.8/NNE	73.9	24.9	1.2	.0	69.9	19.8	1.1	9.3	NNE/27.8%
2	2018/01	744(100%)	10.9	2.1/SE	45.8/SSE	94.6	5.4	.0	.0	25.4	35.8	16.8	22.0	SSE/17.3%
3	2018/02	672(100%)	12.9	2.9/ENE	57.1/SSE	89.4	10.1	.4	.0	36.5	32.3	12.1	19.2	NNE/17.1%
4	2018/03	222(30%)	19.3	7.5/NE	67.6/N	74.8	24.3	.9	.0	46.4	36.0	8.6	9.0	NNE/17.6%
5	2018/04													
6	2018/05	404(54%)	32.0	20.0/N	200.2/E	39.9	45.3	14.6	.2	50.5	7.4	14.9	27.2	N /29.5%
7	2018/06	720(100%)	29.1	17.6/NNW	78.3/NNE	44.2	48.9	6.9	.0	34.9	2.2	19.3	43.6	N /24.6%
8	2018/07	732(98%)	27.5	13.9/NNW	88.7/SSW	49.3	42.3	8.3	.0	42.5	6.4	17.2	33.9	N /22.0%
9	2018/08	743(100%)	21.4	9.7/NNE	69.8/S	68.8	27.6	3.6	.0	49.9	17.8	17.6	14.7	N /21.3%
10	2018/09	472(66%)	19.4	5.1/NNE	233.8/NNE	79.9	17.6	1.7	.8	34.1	16.7	27.1	22.0	N /15.3%
11	2018/10	744(100%)	14.9	9.6/NNE	57.1/SSE	89.7	10.1	.3	.0	63.6	14.2	7.1	15.1	NNE/27.3%
12	2018/11	539(75%)	14.2	2.2/SE	49.8/NNE	90.4	9.6	.0	.0	35.1	24.7	28.9	11.3	NNE/16.3%
13	2018/冬	2160(100%)	14.6	5.4/NE	61.8/NNE	85.9	13.6	.6	.0	44.2	29.2	9.9	16.8	NNE/18.4%
14	2018/春	626(28%)	27.5	14.9/NNE	200.2/E	52.2	37.9	9.7	.2	49.0	17.6	12.6	20.8	N /24.4%
15	2018/夏	2195(99%)	26.0	13.1/N	88.7/SSW	54.2	39.5	6.3	.0	42.5	8.9	18.0	30.6	N /22.6%
16	2018/秋	1755(80%)	15.9	5.2/NNE	233.8/NNE	87.2	12.0	.6	.2	46.9	18.1	19.2	15.8	NNE/20.3%
17	2018/年	6736(77%)	19.9	8.2/NNE	233.8/NNE	72.8	23.9	3.3	.1	44.8	18.6	15.2	21.4	NNE/18.8%

表4.2.1b 2018年臺東海域 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%)	8.5	8.2/NNE	17.3/N	100.0	.0	.0	.0	84.1	.0	.0	15.9	N /46.9%
2	2018/01	744(100%)	8.4	8.2/NNE	16.6/N	100.0	.0	.0	.0	96.9	.0	.0	3.1	N /46.1%
3	2018/02	672(100%)	8.3	8.2/NNE	15.6/N	100.0	.0	.0	.0	100.0	.0	.0	.0	N /47.6%
4	2018/03	744(100%)	8.4	8.2/NNE	14.7/N	100.0	.0	.0	.0	90.9	.0	.0	9.1	N /48.9%
5	2018/04	720(100%)	8.6	8.2/NNE	16.3/N	100.0	.0	.0	.0	79.0	.0	.0	21.0	N /49.3%
6	2018/05	744(100%)	8.6	8.2/NNE	17.1/N	100.0	.0	.0	.0	76.5	.0	.0	23.5	N /48.7%
7	2018/06	720(100%)	8.5	8.2/NNE	17.5/N	100.0	.0	.0	.0	84.9	.0	.0	15.1	N /46.7%
8	2018/07	744(100%)	8.4	8.2/NNE	17.2/N	100.0	.0	.0	.0	96.2	.0	.0	3.8	N /46.4%
9	2018/08	744(100%)	8.4	8.2/NNE	16.2/N	100.0	.0	.0	.0	100.0	.0	.0	.0	N /49.2%
10	2018/09	720(100%)	8.4	8.2/NNE	15.1/N	100.0	.0	.0	.0	90.8	.0	.0	9.2	N /51.7%
11	2018/10	744(100%)	8.6	8.2/NNE	16.7/N	100.0	.0	.0	.0	78.0	.0	.0	22.0	N /48.3%
12	2018/11	720(100%)	8.6	8.2/NNE	17.3/N	100.0	.0	.0	.0	77.6	.0	.0	22.4	N /47.5%
13	2018/冬	2160(100%)	8.4	8.2/NNE	17.3/N	100.0	.0	.0	.0	93.5	.0	.0	6.5	N /46.9%
14	2018/春	2208(100%)	8.5	8.2/NNE	17.1/N	100.0	.0	.0	.0	82.2	.0	.0	17.8	N /49.0%
15	2018/夏	2208(100%)	8.4	8.2/NNE	17.5/N	100.0	.0	.0	.0	93.8	.0	.0	6.2	N /47.4%
16	2018/秋	2184(100%)	8.5	8.2/NNE	17.3/N	100.0	.0	.0	.0	82.1	.0	.0	17.9	N /49.1%
17	2018/年	8760(100%)	8.5	8.2/NNE	17.5/N	100.0	.0	.0	.0	87.9	.0	.0	12.1	N /48.1%

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表4.2.1c 2018年臺東海域 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	744(100%)	16.0	6.5/NE	55.9/NNE	84.0	15.7	.3	.0	49.2	33.2	2.7	14.9	N /20.2%
2	2018/01	744(100%)	13.6	9.6/S	53.4/S	90.1	9.8	.1	.0	9.8	38.0	42.5	9.7	S /33.3%
3	2018/02	672(100%)	13.8	7.2/S	63.7/S	87.2	12.2	.6	.0	16.1	40.3	34.5	9.1	S /28.4%
4	2018/03	222(30%)	18.2	5.5/SE	53.2/N	76.6	22.5	.9	.0	31.5	46.8	13.1	8.6	SSE/18.5%
5	2018/04													
6	2018/05	404(54%)	28.5	11.8/N	197.6/E	50.5	39.9	9.2	.5	42.6	10.6	19.3	27.5	N /22.0%
7	2018/06	720(100%)	26.5	11.4/NW	76.1/SW	51.0	44.3	4.7	.0	27.2	5.6	27.8	39.4	N /17.2%
8	2018/07	732(98%)	25.0	7.3/NW	98.0/SSW	58.2	35.2	6.6	.0	31.0	10.7	27.6	30.7	N /16.0%
9	2018/08	743(100%)	19.7	2.4/ENE	75.9/S	72.1	26.5	1.3	.0	37.6	21.5	27.9	13.1	S /14.9%
10	2018/09	472(66%)	19.8	3.1/SSW	226.9/NNE	78.0	19.9	1.3	.8	23.5	19.5	43.2	13.8	S /17.6%
11	2018/10	744(100%)	12.0	2.8/E	60.9/SSE	94.4	5.5	.1	.0	41.4	28.4	17.7	12.5	NNE/16.1%
12	2018/11	539(75%)	16.4	9.4/S	52.9/SSE	82.2	17.6	.2	.0	18.2	31.9	41.6	8.3	SSW/20.0%
13	2018/冬	2160(100%)	14.5	4.5/SSE	63.7/S	87.1	12.6	.3	.0	25.3	37.1	26.3	11.3	S /22.3%
14	2018/春	626(28%)	24.8	6.8/NNE	197.6/E	59.7	33.7	6.2	.3	38.7	23.5	17.1	20.8	N /17.9%
15	2018/夏	2195(99%)	23.7	6.0/NW	98.0/SSW	60.5	35.3	4.2	.0	32.0	12.7	27.7	27.6	N /16.0%
16	2018/秋	1755(80%)	15.5	3.6/SSE	226.9/NNE	86.2	13.1	.5	.2	29.5	27.1	31.9	11.6	S /14.2%
17	2018/年	6736(77%)	18.7	.0/NNE	226.9/NNE	75.7	22.1	2.2	.1	29.8	25.3	27.4	17.6	S /14.2%

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表 4.2.2a 2018年臺東海域 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	744(100%)	44.4	26.3/NE	126.0/NE	31.6	30.1	35.9	2.4	66.1	3.9	28.5	1.5	NE /35.5%
2	2018/01	744(100%)	27.1	.9/SE	84.0/NE	52.0	38.7	9.3	.0	44.9	5.8	46.9	2.4	SW /28.1%
3	2018/02	672(100%)	28.7	5.1/SW	85.0/NE	48.8	38.7	12.5	.0	36.0	6.3	53.0	4.8	SW /31.4%
4	2018/03	744(100%)	37.8	16.5/SW	118.0/SW	40.2	33.7	23.7	2.4	27.4	3.9	62.9	5.8	SW /34.1%
5	2018/04	716(99%)	56.9	15.8/NE	142.0/NE	24.7	22.8	40.5	12.0	54.2	2.7	38.5	4.6	NE /37.8%
6	2018/05	673(91%)	45.0	27.5/NE	128.0/NE	36.1	25.0	33.9	5.1	60.3	4.9	27.2	7.6	NE /36.0%
7	2018/06	456(63%)	18.2	2.6/NNW	86.0/SW	76.8	17.5	5.7	.0	37.5	7.0	41.7	13.8	SW /15.8%
8	2018/07	510(69%)	38.5	3.2/W	120.0/NE	41.4	30.0	26.1	2.5	31.8	3.3	55.3	9.6	SW /26.9%
9	2018/08	744(100%)	35.6	10.7/WSW	125.0/NE	48.1	26.5	23.5	1.9	27.6	5.2	54.8	12.4	SW /28.1%
10	2018/09	696(97%)	50.5	25.2/SW	164.0/SW	30.5	26.6	33.6	9.3	24.6	4.3	64.2	6.9	SW /38.1%
11	2018/10	733(99%)	65.7	41.1/NE	152.0/ENE	18.8	21.1	39.7	20.3	71.6	2.5	24.3	1.6	NE /44.7%
12	2018/11	718(100%)	41.3	13.5/ENE	155.0/NE	40.9	26.6	27.3	5.2	50.8	4.0	38.9	6.3	NE /29.2%
13	2018/冬	2160(100%)	33.5	7.5/ENE	126.0/NE	44.0	35.7	19.4	.8	49.4	5.3	42.5	2.8	SW /24.6%
14	2018/春	2133(97%)	46.5	8.3/NE	142.0/NE	33.7	27.3	32.5	6.5	46.8	3.8	43.5	6.0	NE /29.4%
15	2018/夏	1710(77%)	31.8	5.6/WSW	125.0/NE	53.7	25.1	19.5	1.6	31.5	5.1	51.5	11.9	SW /24.4%
16	2018/秋	2147(98%)	52.6	10.4/ENE	164.0/SW	30.0	24.7	33.6	11.7	49.4	3.6	42.1	4.9	NE /29.9%
17	2018/年	8150(93%)	41.6	5.7/NE	164.0/SW	39.7	28.4	26.6	5.3	45.0	4.4	44.5	6.1	NE /25.6%

4-2-4

表4.2.2b 2018年臺東海域 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%)	12.9	5.8/NE	30.5/SW	95.7	4.3	.0	.0	67.6	3.4	25.8	3.2	NE /42.3%
2	2018/01	744(100%)	12.5	5.7/NE	29.5/SW	97.7	2.3	.0	.0	69.5	2.8	25.0	2.7	NE /41.4%
3	2018/02	672(100%)	10.9	5.7/NE	25.8/ENE	99.9	.1	.0	.0	69.2	3.9	23.1	3.9	NE /39.7%
4	2018/03	744(100%)	10.5	5.7/NE	25.1/NE	100.0	.0	.0	.0	67.2	3.6	25.4	3.8	NE /36.0%
5	2018/04	720(100%)	11.2	5.7/NE	27.1/NE	98.3	1.7	.0	.0	64.7	3.3	26.4	5.6	NE /36.9%
6	2018/05	744(100%)	12.7	5.7/NE	29.0/ENE	96.2	3.8	.0	.0	66.9	2.8	26.6	3.6	NE /40.7%
7	2018/06	720(100%)	13.3	5.7/NE	30.5/SW	95.4	4.6	.0	.0	67.6	2.6	26.8	2.9	NE /43.9%
8	2018/07	744(100%)	12.6	5.7/NE	28.3/WSW	97.8	2.2	.0	.0	68.7	3.0	25.3	3.1	NE /43.5%
9	2018/08	744(100%)	10.6	5.6/NE	25.0/ENE	100.0	.0	.0	.0	69.9	3.0	23.8	3.4	NE /39.8%
10	2018/09	720(100%)	10.2	5.6/NE	24.4/ENE	100.0	.0	.0	.0	66.5	3.5	24.9	5.1	NE /37.1%
11	2018/10	744(100%)	11.7	5.6/NE	27.4/NE	99.3	.7	.0	.0	65.9	2.8	26.7	4.6	NE /38.4%
12	2018/11	720(100%)	13.1	5.7/NE	29.4/SW	94.9	5.1	.0	.0	65.6	2.8	27.2	4.4	NE /41.1%
13	2018/冬	2160(100%)	12.1	5.7/NE	30.5/SW	97.7	2.3	.0	.0	68.8	3.3	24.7	3.2	NE /41.2%
14	2018/春	2208(100%)	11.5	5.7/NE	29.0/ENE	98.2	1.8	.0	.0	66.3	3.3	26.1	4.3	NE /37.9%
15	2018/夏	2208(100%)	12.2	5.7/NE	30.5/SW	97.8	2.2	.0	.0	68.8	2.9	25.3	3.1	NE /42.4%
16	2018/秋	2184(100%)	11.7	5.7/NE	29.4/SW	98.1	1.9	.0	.0	66.0	3.0	26.3	4.7	NE /38.9%
17	2018/年	8760(100%)	11.8	5.7/NE	30.5/SW	97.9	2.1	.0	.0	67.4	3.1	25.6	3.8	NE /40.1%

4-2-5

表4.2.2c 2018年臺東海域 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	744(100%)	39.6	20.5/ENE	111.4/ENE	35.1	33.2	30.9	.8	62.9	4.0	31.5	1.6	NE /30.8%
2	2018/01	744(100%)	26.7	5.8/SW	88.3/SW	55.0	34.5	10.5	.0	37.4	5.8	53.9	3.0	SW /30.8%
3	2018/02	672(100%)	28.7	10.8/SW	87.1/SW	49.1	39.0	11.9	.0	30.8	6.5	58.2	4.5	SW /36.2%
4	2018/03	744(100%)	38.8	22.2/SW	122.1/WSW	39.9	31.9	25.0	3.2	22.7	2.7	69.8	4.8	SW /38.4%
5	2018/04	716(99%)	53.8	10.2/NE	134.8/SW	24.0	25.4	42.5	8.1	51.5	1.8	42.0	4.6	NE /35.9%
6	2018/05	673(91%)	41.2	21.6/NE	119.6/NE	37.4	30.0	30.3	2.2	59.7	4.2	30.3	5.8	NE /33.9%
7	2018/06	456(63%)	22.0	5.5/W	101.2/SW	69.1	25.7	5.3	.0	34.6	5.5	48.5	11.4	SW /23.7%
8	2018/07	510(69%)	41.2	9.4/WSW	121.6/NE	34.7	32.4	31.4	1.6	31.2	2.5	61.0	5.3	SW /32.0%
9	2018/08	744(100%)	36.8	16.3/WSW	114.8/SW	41.9	31.9	25.0	1.2	23.4	3.5	63.4	9.7	SW /31.2%
10	2018/09	696(97%)	52.2	30.9/SW	157.7/SW	26.4	28.0	38.2	7.3	22.4	2.9	68.7	6.0	SW /43.5%
11	2018/10	733(99%)	61.2	35.4/ENE	145.4/ENE	19.1	22.9	44.1	13.9	68.8	3.0	26.3	1.9	NE /41.1%
12	2018/11	718(100%)	38.9	7.9/ENE	138.7/NE	41.6	28.7	28.1	1.5	46.4	3.6	44.3	5.7	SW /26.2%
13	2018/冬	2160(100%)	31.8	2.1/E	111.4/ENE	46.3	35.5	18.0	.3	44.1	5.4	47.5	3.0	SW /27.4%
14	2018/春	2133(97%)	44.6	2.7/NNE	134.8/SW	33.8	29.1	32.5	4.5	44.1	2.9	48.0	5.1	NE /27.0%
15	2018/夏	1710(77%)	34.2	11.2/WSW	121.6/NE	47.0	30.4	21.6	1.0	28.7	3.7	58.7	8.8	SW /29.4%
16	2018/秋	2147(98%)	50.8	4.8/ENE	157.7/SW	29.0	26.5	36.8	7.6	46.3	3.2	46.1	4.5	SW /29.0%
17	2018/年	8150(93%)	40.6	.0/WSW	157.7/SW	38.6	30.4	27.5	3.5	41.4	3.8	49.6	5.2	SW /27.6%

4-2-6

4.3 2018 年臺東海域各測站觀測海流與 計算潮流(殘流)歷線比較圖

Current Speed in Lu-Tao Harbor of LTX0 at 2018

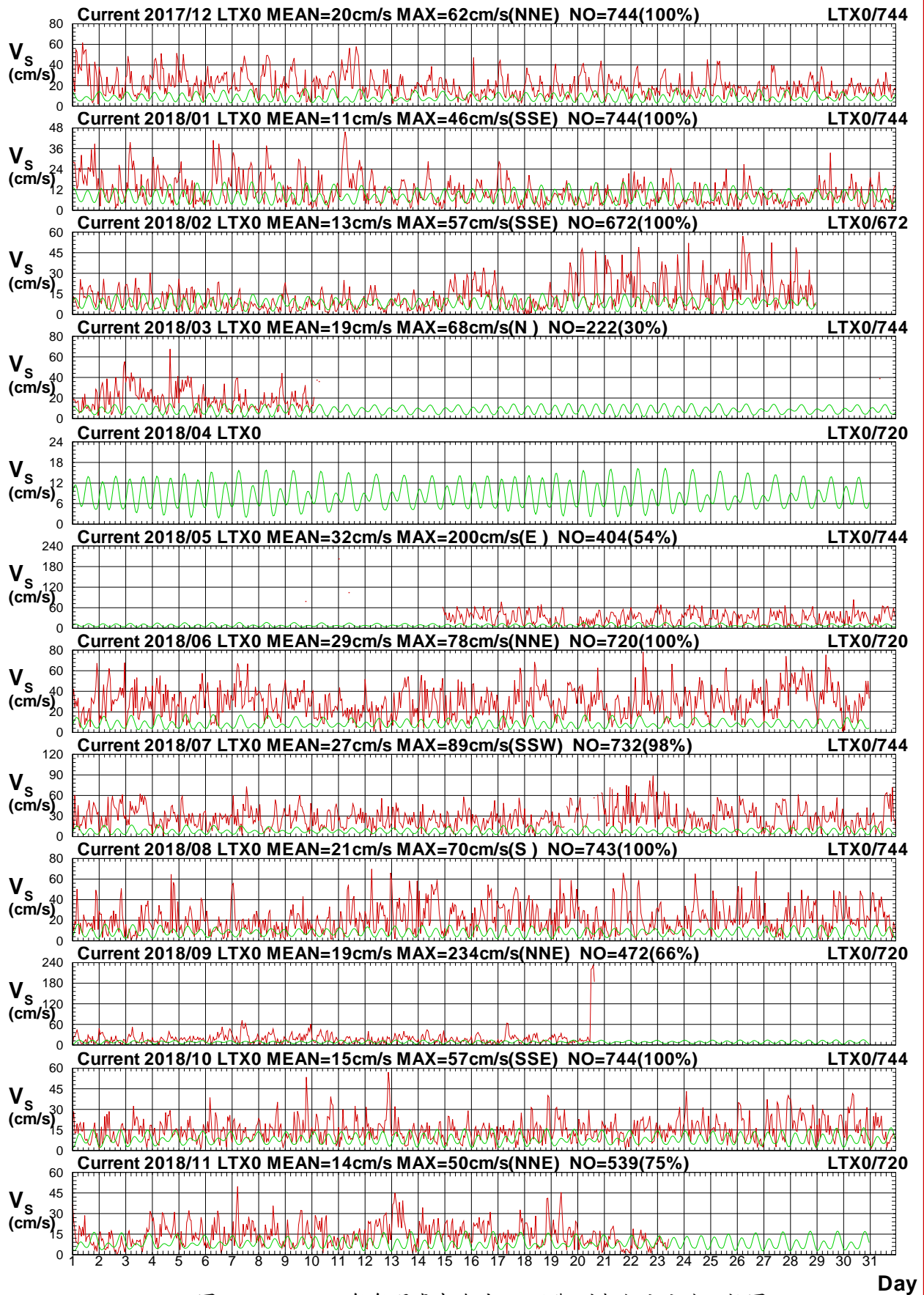


圖4.3.1a 2018年每月臺東海域 X 站觀測與潮流流速比較圖

C17CLTX0.1HO C17CLTX0.1HD C181LTX0.1HO C181LTX0.1HD C182LTX0.1HO C182LTX0.1HD
 C183LTX0.1HO C183LTX0.1HD C184LTX0.1HO C184LTX0.1HD C185LTX0.1HO C185LTX0.1HD

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Current Direction in Lu-Tao Harbor of LTX0 at 2018

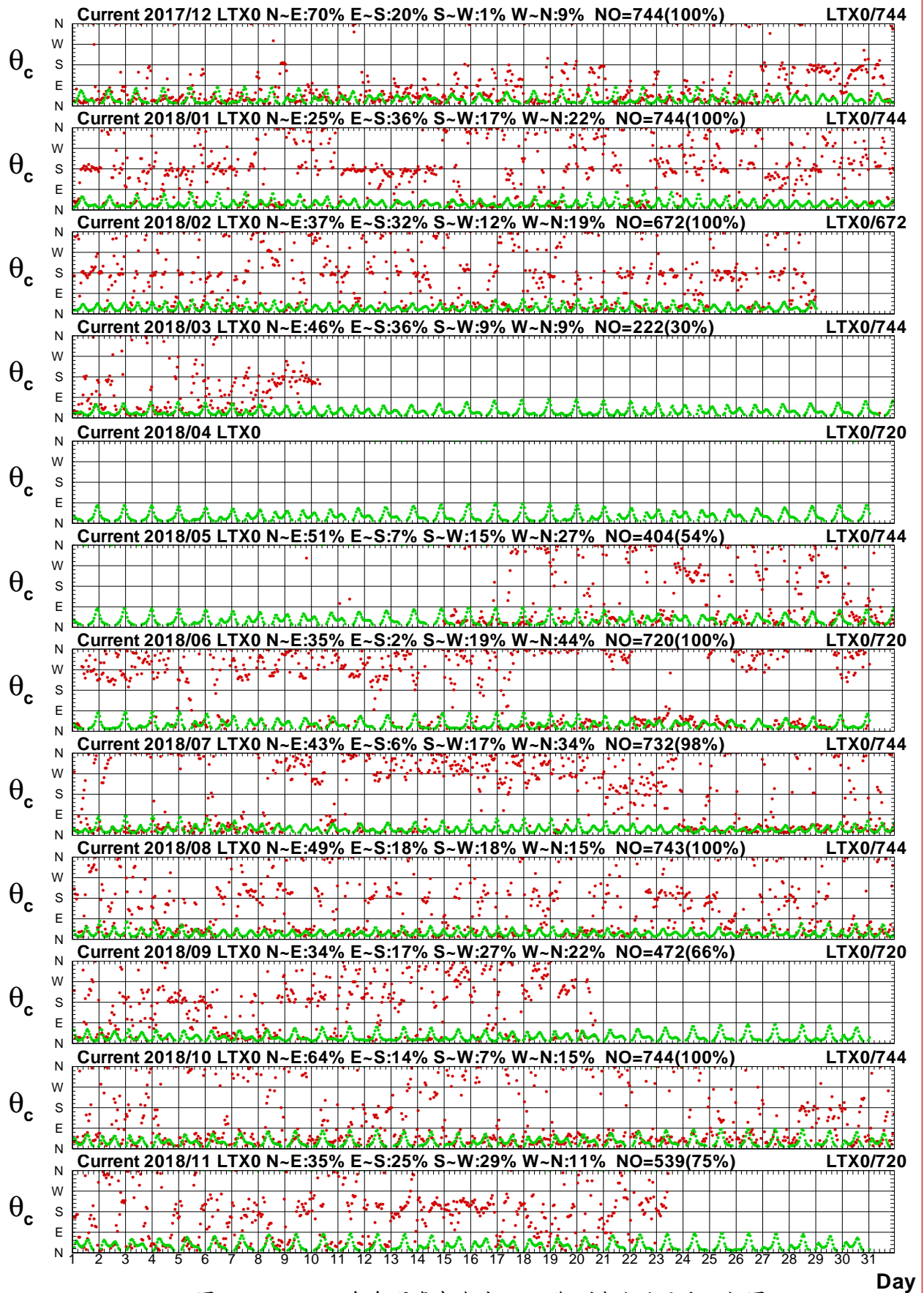


圖4.3.1b 2018年每月臺東海域 X 站觀測與潮流流向比較圖

C17CLTX0.1HO C17CLTX0.1HD C181LTX0.1HO C181LTX0.1HD C182LTX0.1HO C182LTX0.1HD
 C183LTX0.1HO C183LTX0.1HD C184LTX0.1HO C184LTX0.1HD C185LTX0.1HO C185LTX0.1HD

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Current Speed in Lu-Tao Harbor of LTX0 at 2018

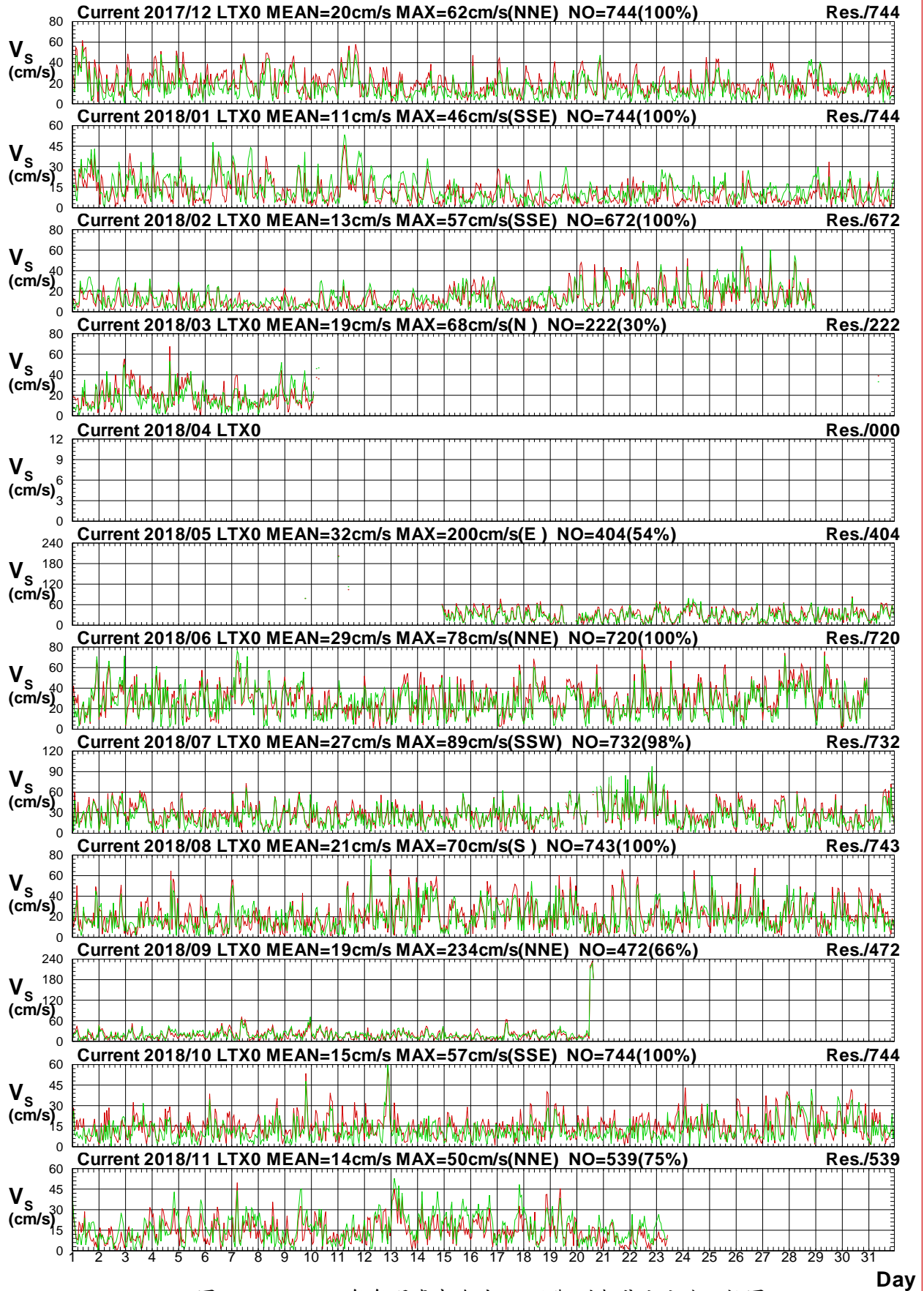


圖4.3.2a 2018年每月臺東海域 X 站觀測與殘流流速比較圖

C17CLTX0.1H0 C17CLTX0.1HR C181LTX0.1H0 C181LTX0.1HR C182LTX0.1H0 C182LTX0.1HR
 C183LTX0.1H0 C183LTX0.1HR C184LTX0.1H0 C184LTX0.1HR C185LTX0.1H0 C185LTX0.1HR

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Current Direction in Lu-Tao Harbor of LTX0 at 2018

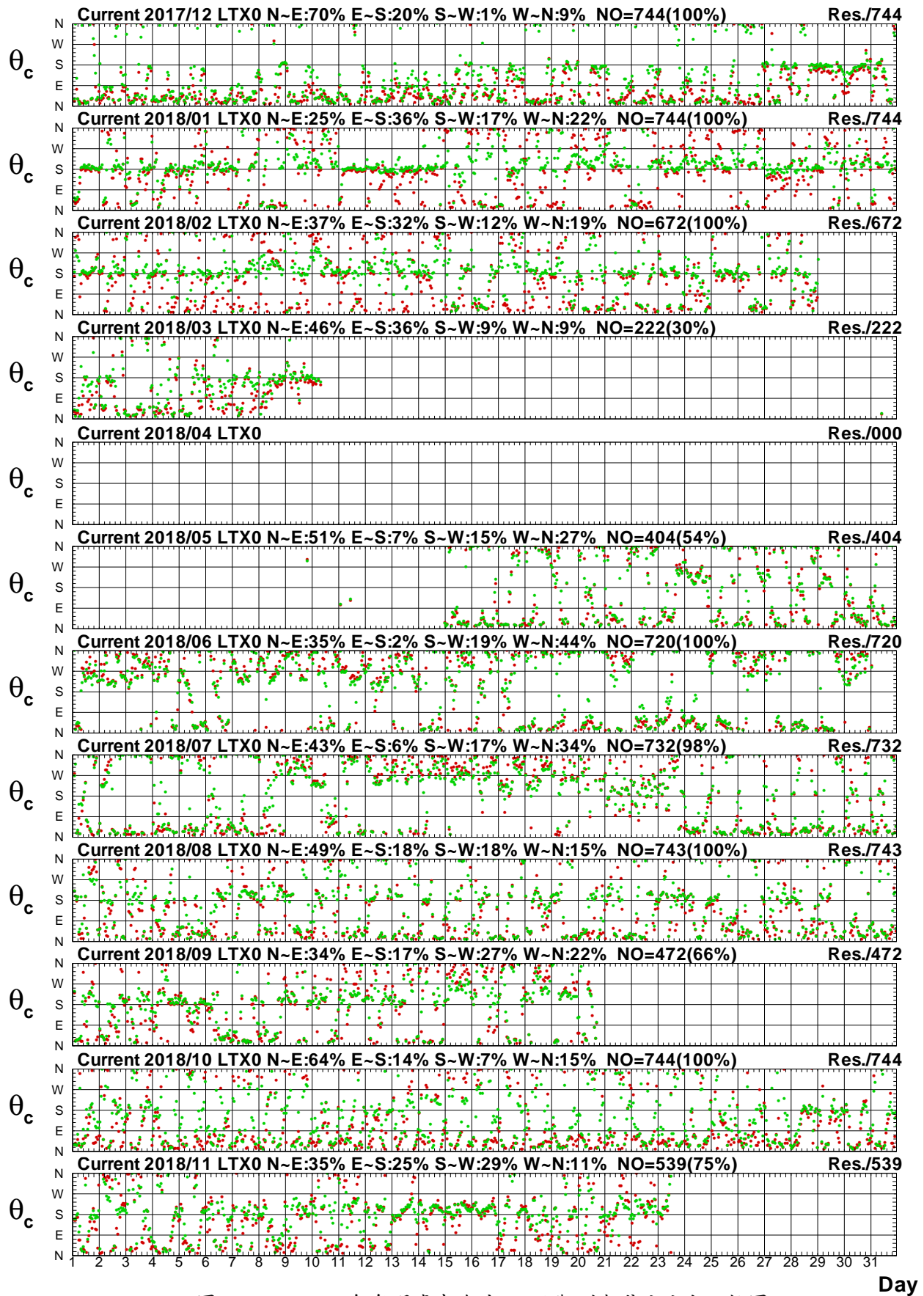


圖4.3.2b 2018年每月臺東海域 X 站觀測與殘流流向比較圖

C17CLTX0.1H0 C17CLTX0.1HR C181LTX0.1H0 C181LTX0.1HR C182LTX0.1H0 C182LTX0.1HR
 C183LTX0.1H0 C183LTX0.1HR C184LTX0.1H0 C184LTX0.1HR C185LTX0.1H0 C185LTX0.1HR

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Current Speed in Lu-Tao Harbor of LTY0 at 2018

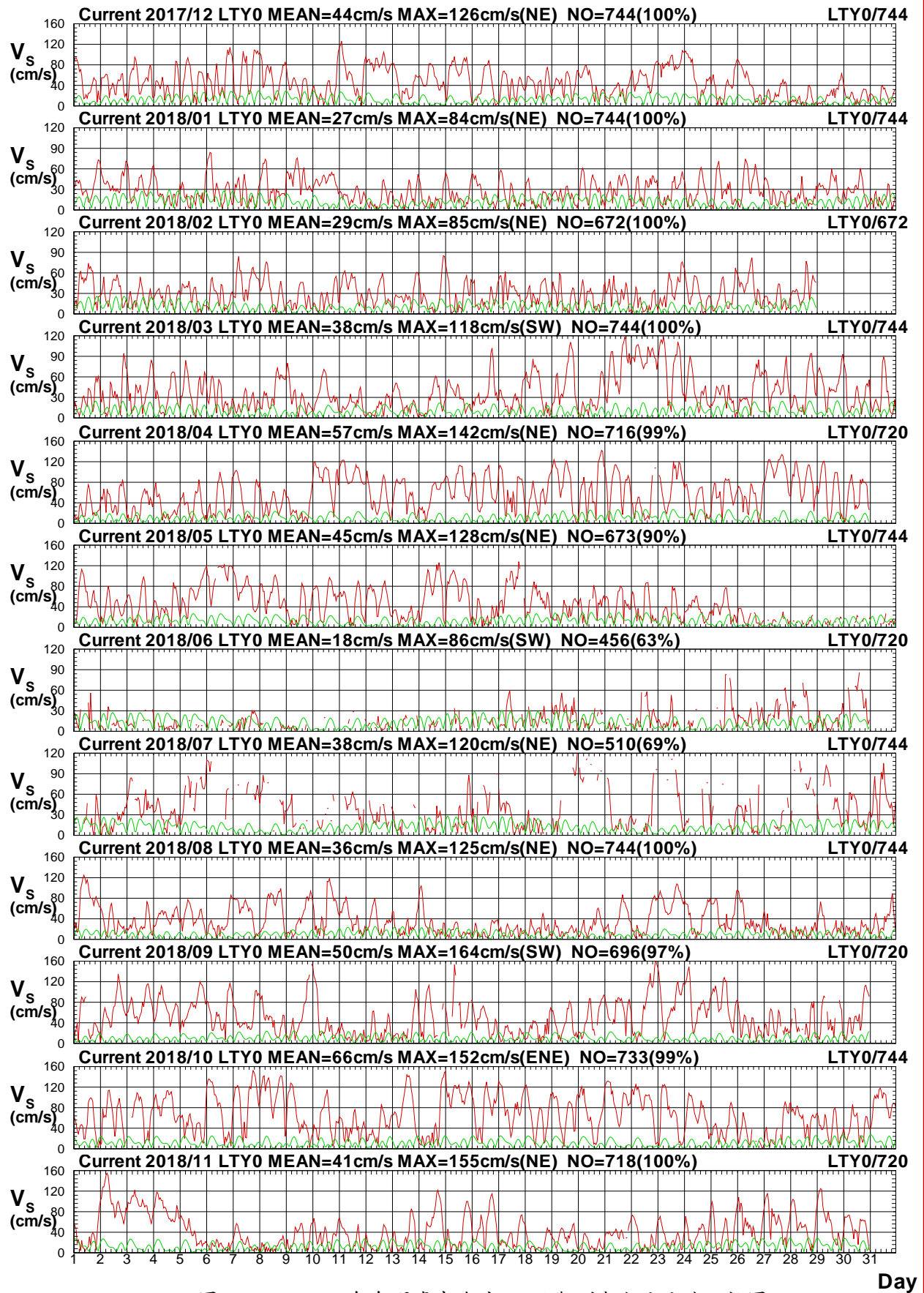


圖4.3.3a 2018年每月臺東海域 Y 站觀測與潮流流速比較圖

C17CLTY0.1HO C17CLTY0.1HD C181LTY0.1HO C181LTY0.1HD C182LTY0.1HO C182LTY0.1HD
 C183LTY0.1HO C183LTY0.1HD C184LTY0.1HO C184LTY0.1HD C185LTY0.1HO C185LTY0.1HD

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Current Direction in Lu-Tao Harbor of LTY0 at 2018

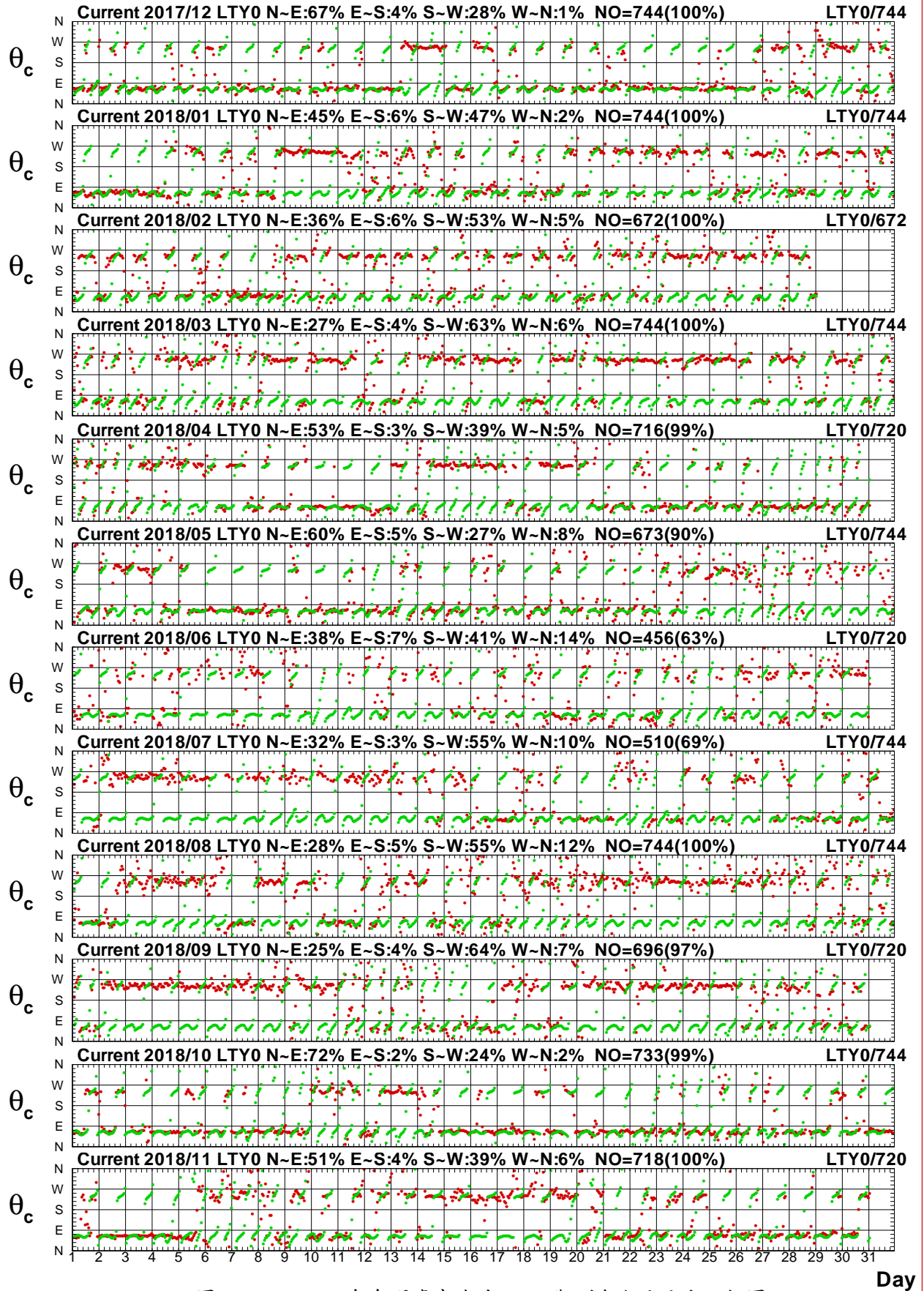


圖4.3.3b 2018年每月臺東海域 Y 站觀測與潮流流向比較圖

C17CLTY0.1HO C17CLTY0.1HD C181LTY0.1HO C181LTY0.1HD C182LTY0.1HO C182LTY0.1HD
 C183LTY0.1HO C183LTY0.1HD C184LTY0.1HO C184LTY0.1HD C185LTY0.1HO C185LTY0.1HD

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Current Speed in Lu-Tao Harbor of LTY0 at 2018

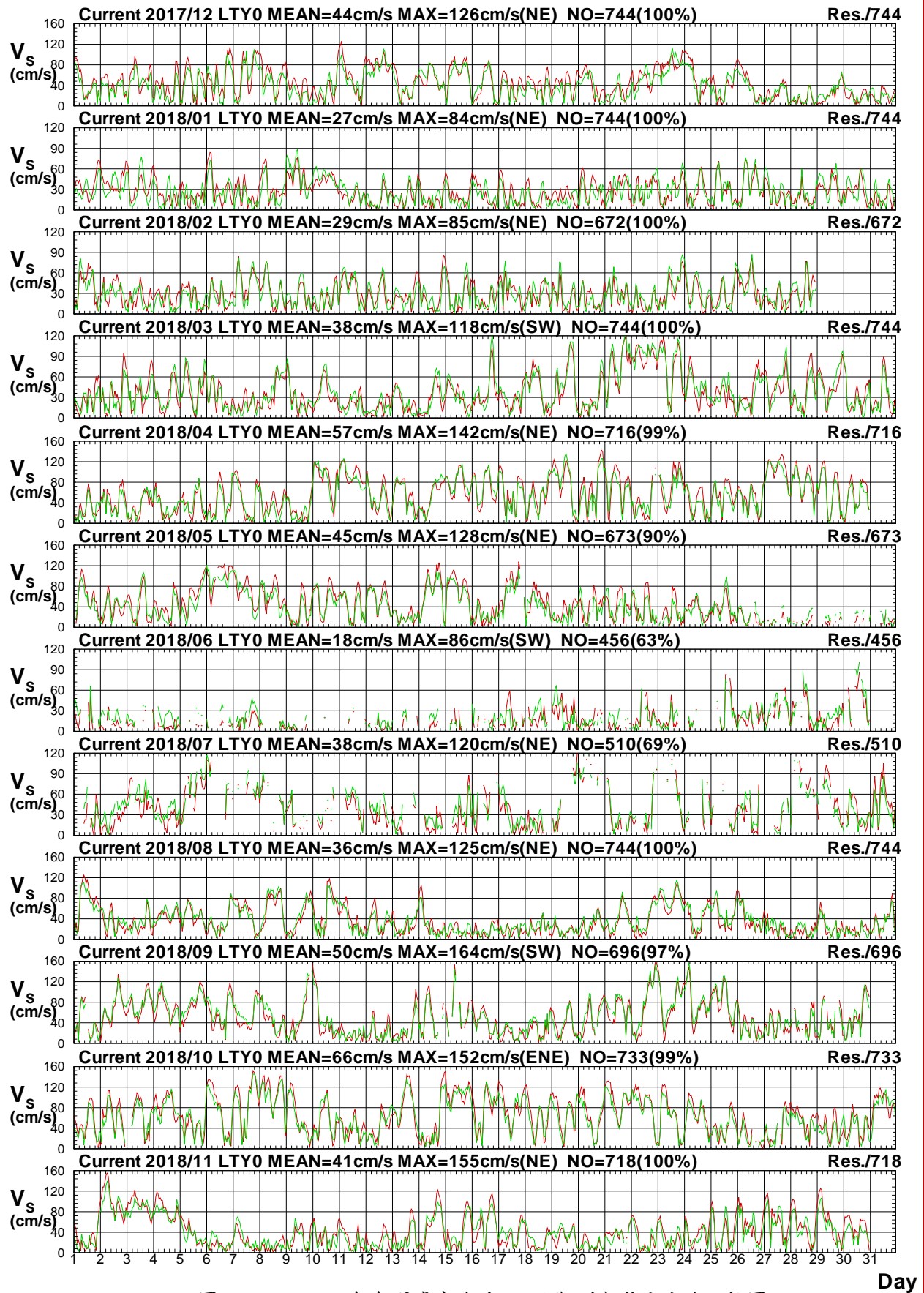


圖4.3.4a 2018年每月臺東海域 Y 站觀測與殘流流速比較圖

C17CLTY0.1H0 C17CLTY0.1HR C181LTY0.1H0 C181LTY0.1HR C182LTY0.1H0 C182LTY0.1HR
 C183LTY0.1H0 C183LTY0.1HR C184LTY0.1H0 C184LTY0.1HR C185LTY0.1H0 C185LTY0.1HR

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Current Direction in Lu-Tao Harbor of LTY0 at 2018

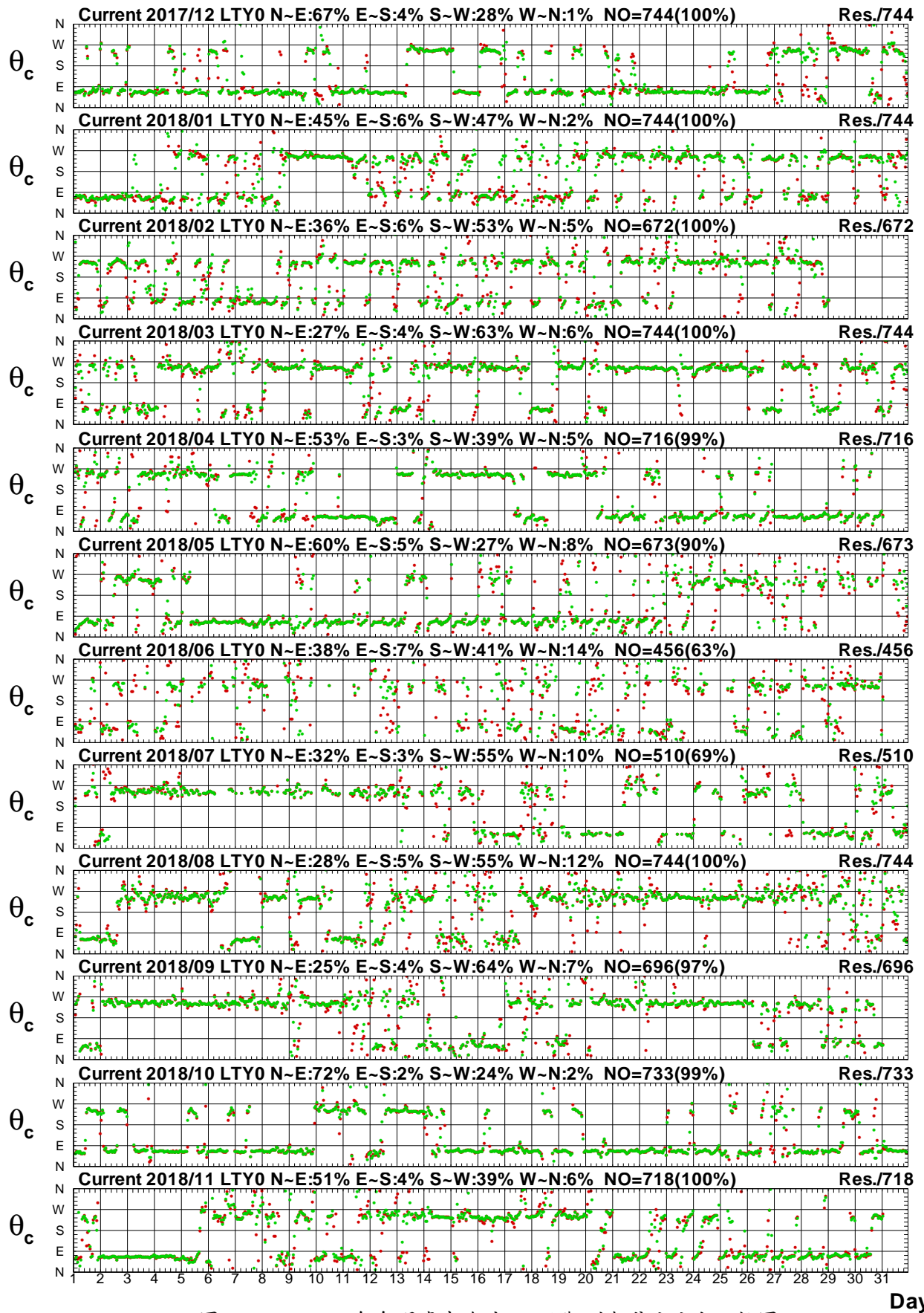


圖4.3.4b 2018年每月臺東海域 Y 站觀測與殘流流向比較圖

C17CLTY0.1H0 C17CLTY0.1HR C181LTY0.1H0 C181LTY0.1HR C182LTY0.1H0 C182LTY0.1HR
 C183LTY0.1H0 C183LTY0.1HR C184LTY0.1H0 C184LTY0.1HR C185LTY0.1H0 C185LTY0.1HR

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4.4 2018 年臺東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

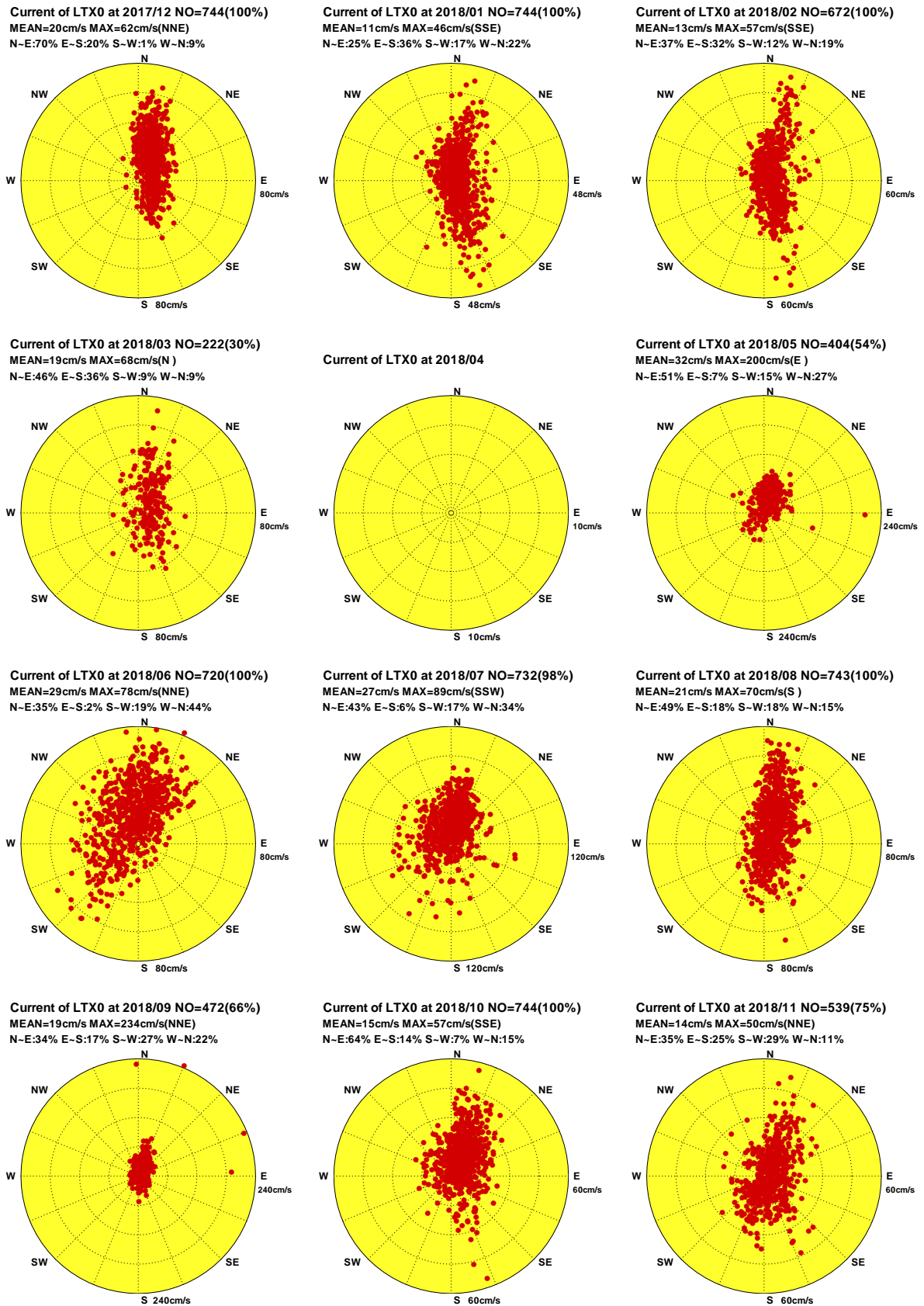


圖4.4.1a 2018年臺東海域每月測站 X 觀測海流向量分佈圖

C17CLTX0.1H0 C181LTX0.1H0 C182LTX0.1H0 C183LTX0.1H0 C184LTX0.1H0 C185LTX0.1H0
 C186LTX0.1H0 C187LTX0.1H0 C188LTX0.1H0 C189LTX0.1H0 C18ALT0.1H0 C18BLTX0.1H0

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Distribution of Current Vectors

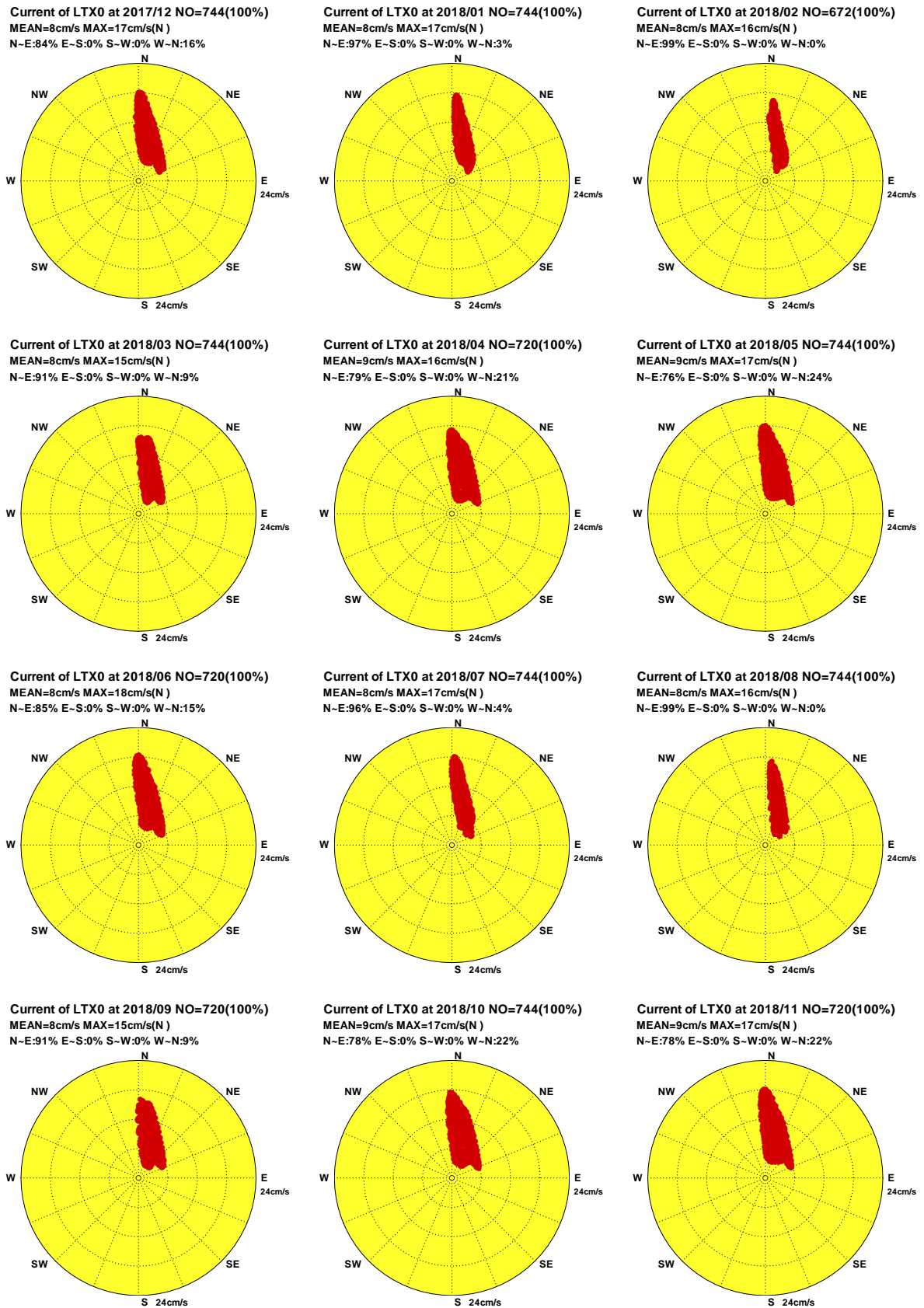


圖4.4.1b 2018年臺東海域每月測站 X 計算潮流向量分佈圖

C17CLTX0.1HD C181LTX0.1HD C182LTX0.1HD C183LTX0.1HD C184LTX0.1HD C185LTX0.1HD
 C186LTX0.1HD C187LTX0.1HD C188LTX0.1HD C189LTX0.1HD C18ALTX0.1HD C18BLTX0.1HD

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Distribution of Current Vectors

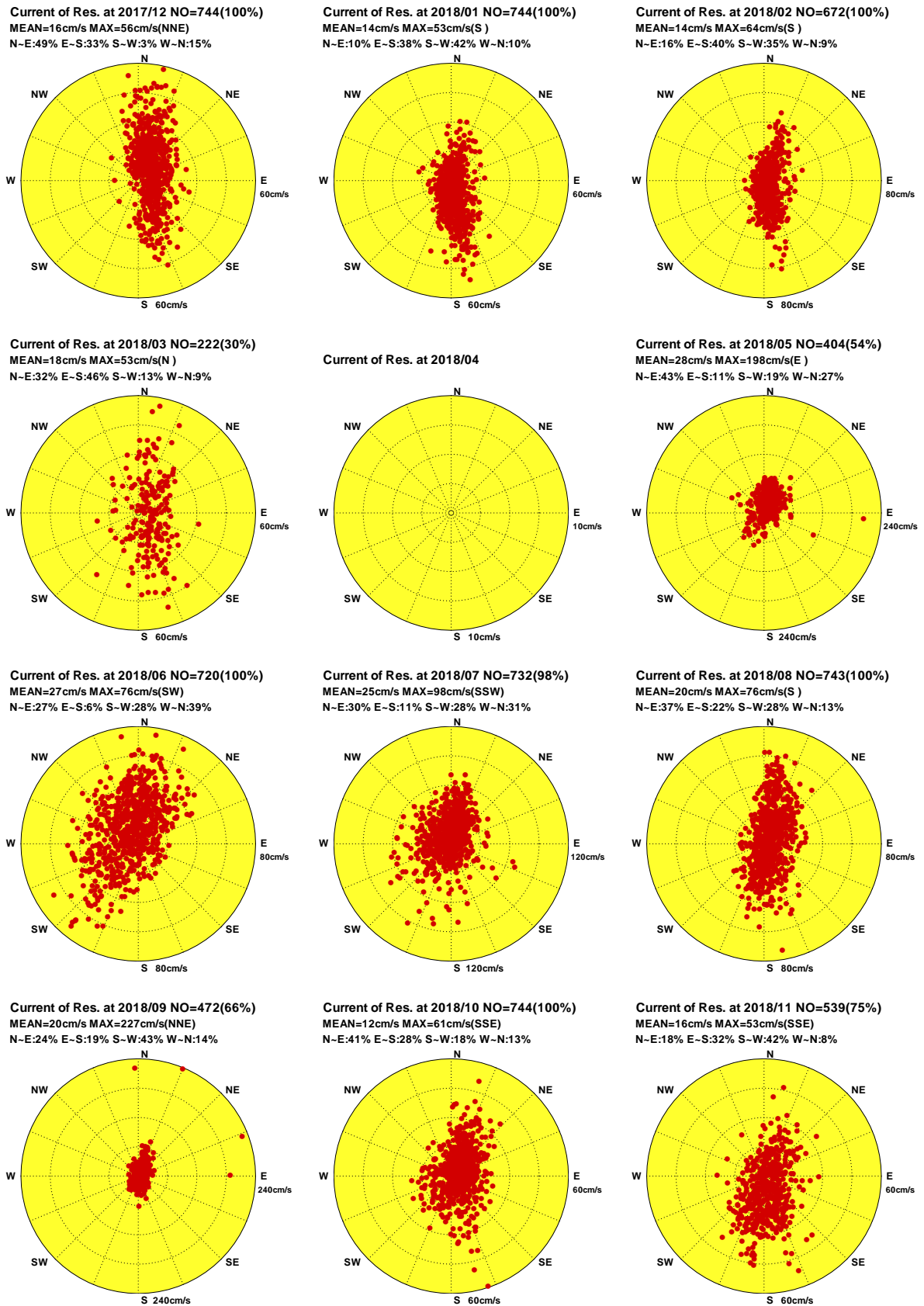


圖4.4.1c 2018年臺東海域每月測站 X 計算殘流向量分佈圖

C17CLTX0.1HR C181LTX0.1HR C182LTX0.1HR C183LTX0.1HR C184LTX0.1HR C185LTX0.1HR
 C186LTX0.1HR C187LTX0.1HR C188LTX0.1HR C189LTX0.1HR C18ALTX0.1HR C18BLTX0.1HR

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Distribution of Current Vectors

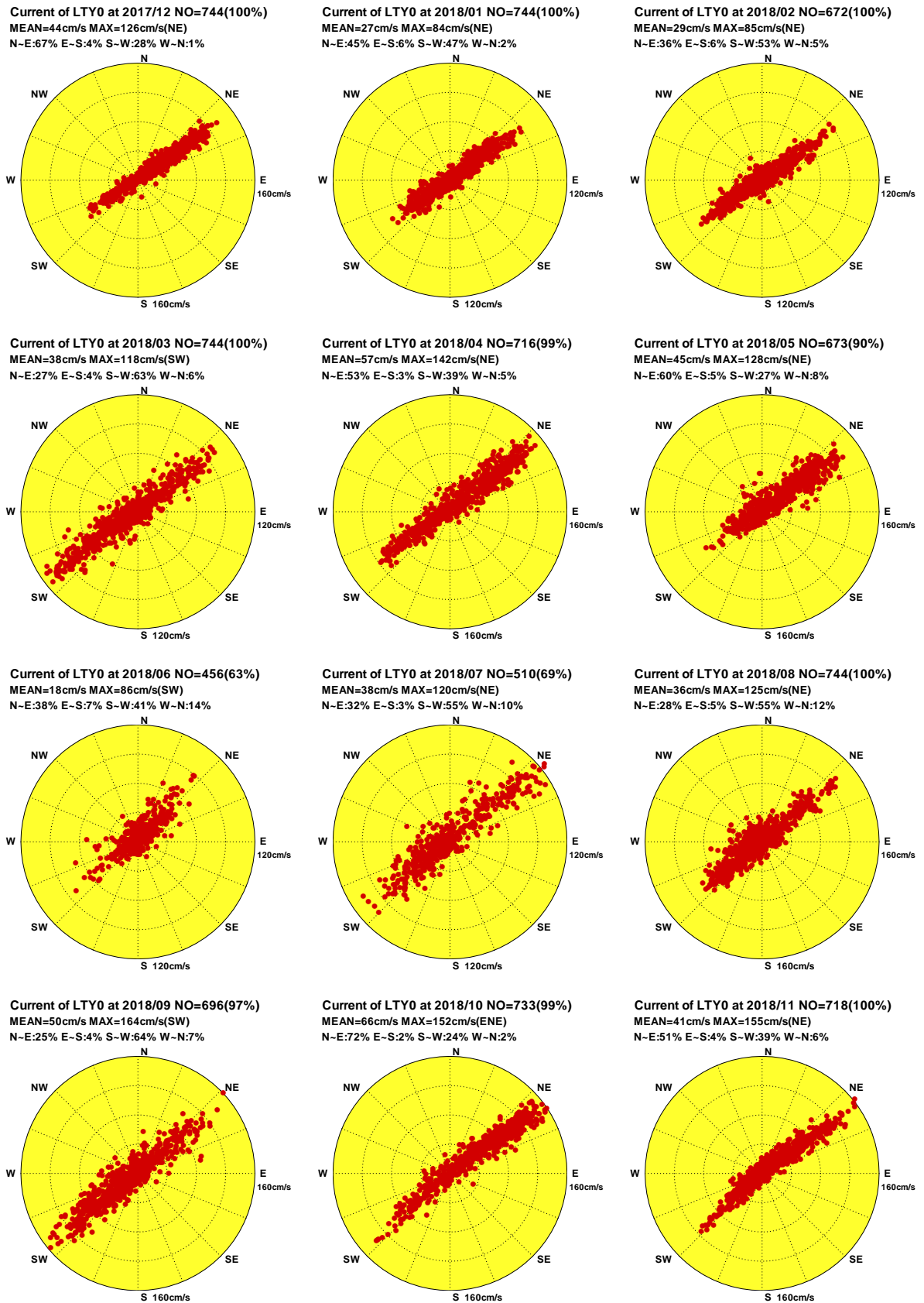


圖4.4.2a 2018年臺東海域每月測站 Y 觀測海流向量分佈圖

C17CLTY0.1H0 C181LTY0.1H0 C182LTY0.1H0 C183LTY0.1H0 C184LTY0.1H0 C185LTY0.1H0
C186LTY0.1H0 C187LTY0.1H0 C188LTY0.1H0 C189LTY0.1H0 C18ALTY0.1H0 C18BLTY0.1H0

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Distribution of Current Vectors

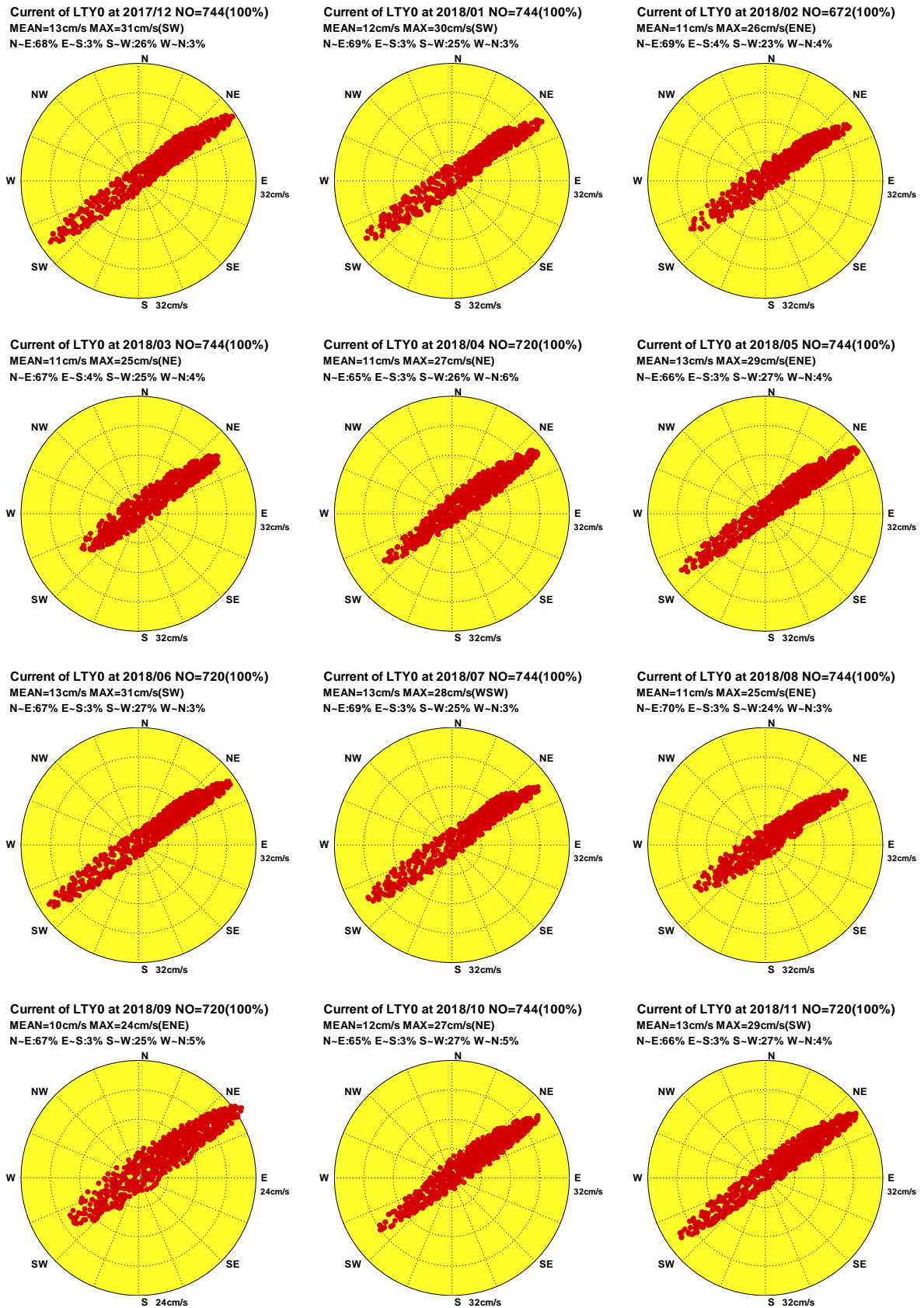


圖4.4.2b 2018年臺東海域每月測站 Y 計算潮流向量分佈圖

C17CLTY0.1HD C181LTY0.1HD C182LTY0.1HD C183LTY0.1HD C184LTY0.1HD C185LTY0.1HD
 C186LTY0.1HD C187LTY0.1HD C188LTY0.1HD C189LTY0.1HD C18ALTY0.1HD C18BLTY0.1HD

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Distribution of Current Vectors

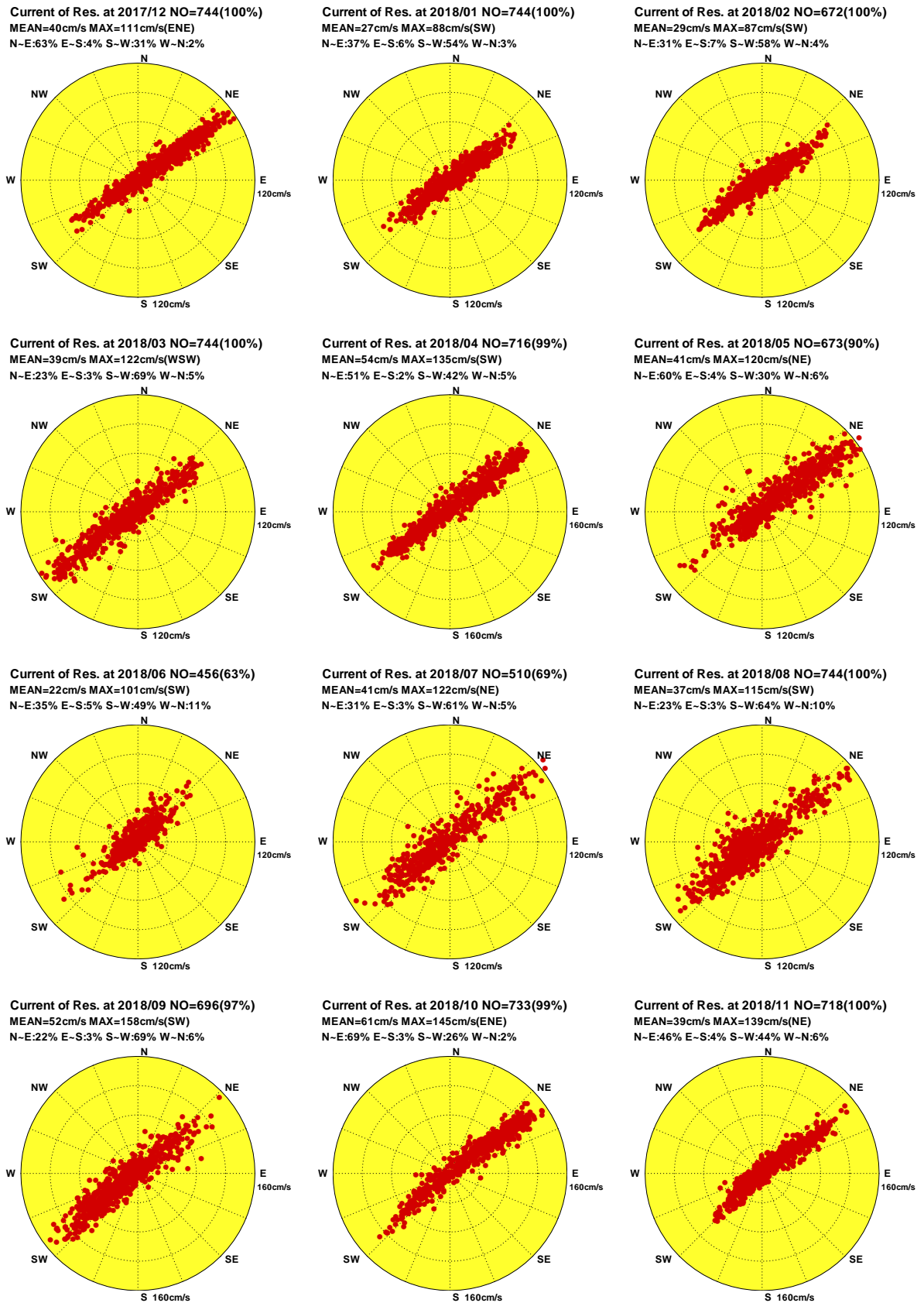


圖4.4.2c 2018年臺東海域每月測站 Y 計算殘流向量分佈圖

C17CLTY0.1HR C181LTY0.1HR C182LTY0.1HR C183LTY0.1HR C184LTY0.1HR C185LTY0.1HR
 C186LTY0.1HR C187LTY0.1HR C188LTY0.1HR C189LTY0.1HR C18ALTY0.1HR C18BLTY0.1HR

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4.5 2018 年臺東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

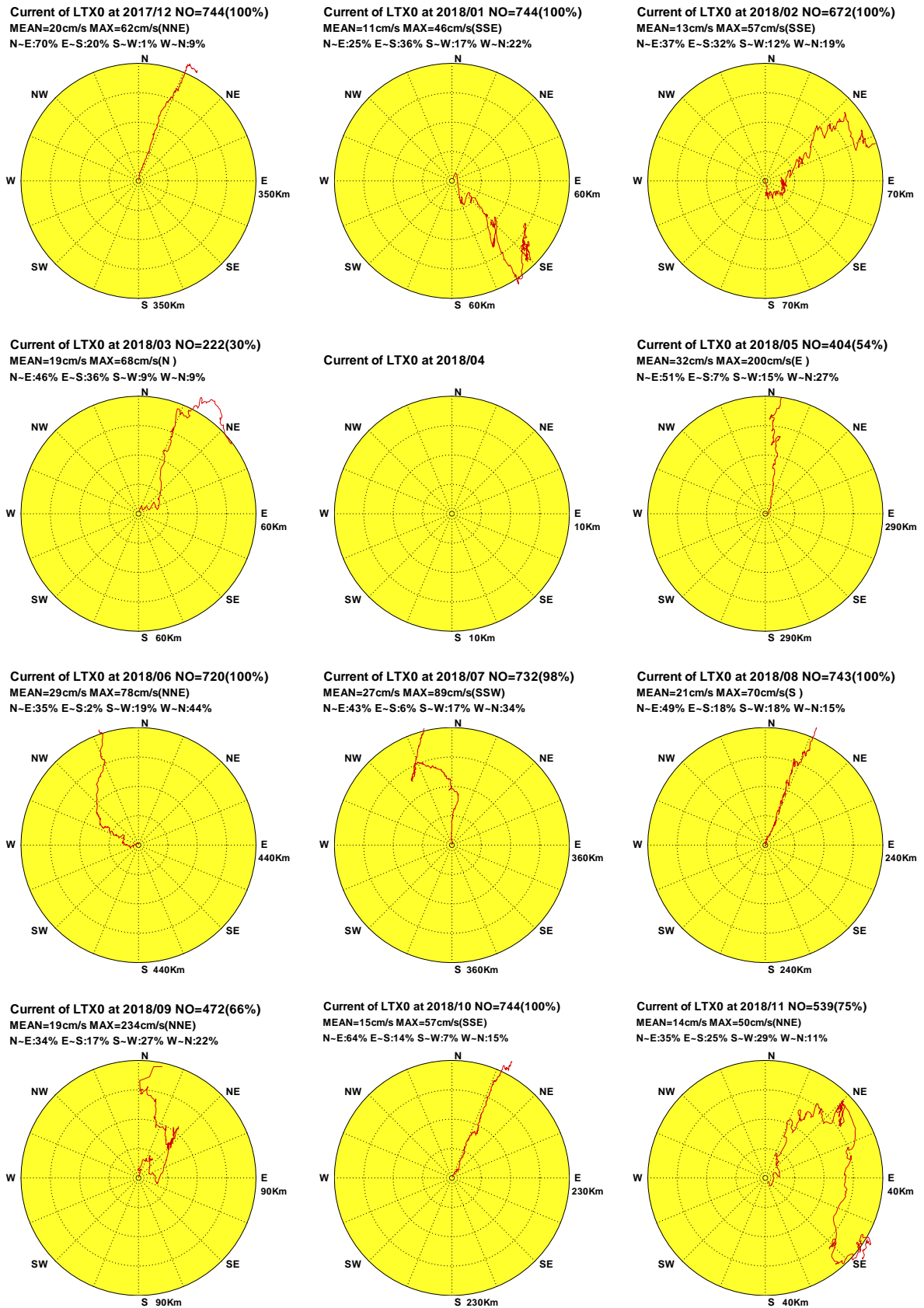


圖4.5.1a 2018年臺東海域每月測站 X 觀測海流向量行進圖

C17CLTX0.1H0 C181LTX0.1H0 C182LTX0.1H0 C183LTX0.1H0 C184LTX0.1H0 C185LTX0.1H0
C186LTX0.1H0 C187LTX0.1H0 C188LTX0.1H0 C189LTX0.1H0 C18ALT0.1H0 C18BLTX0.1H0

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Progressive Vector Diagram of Current

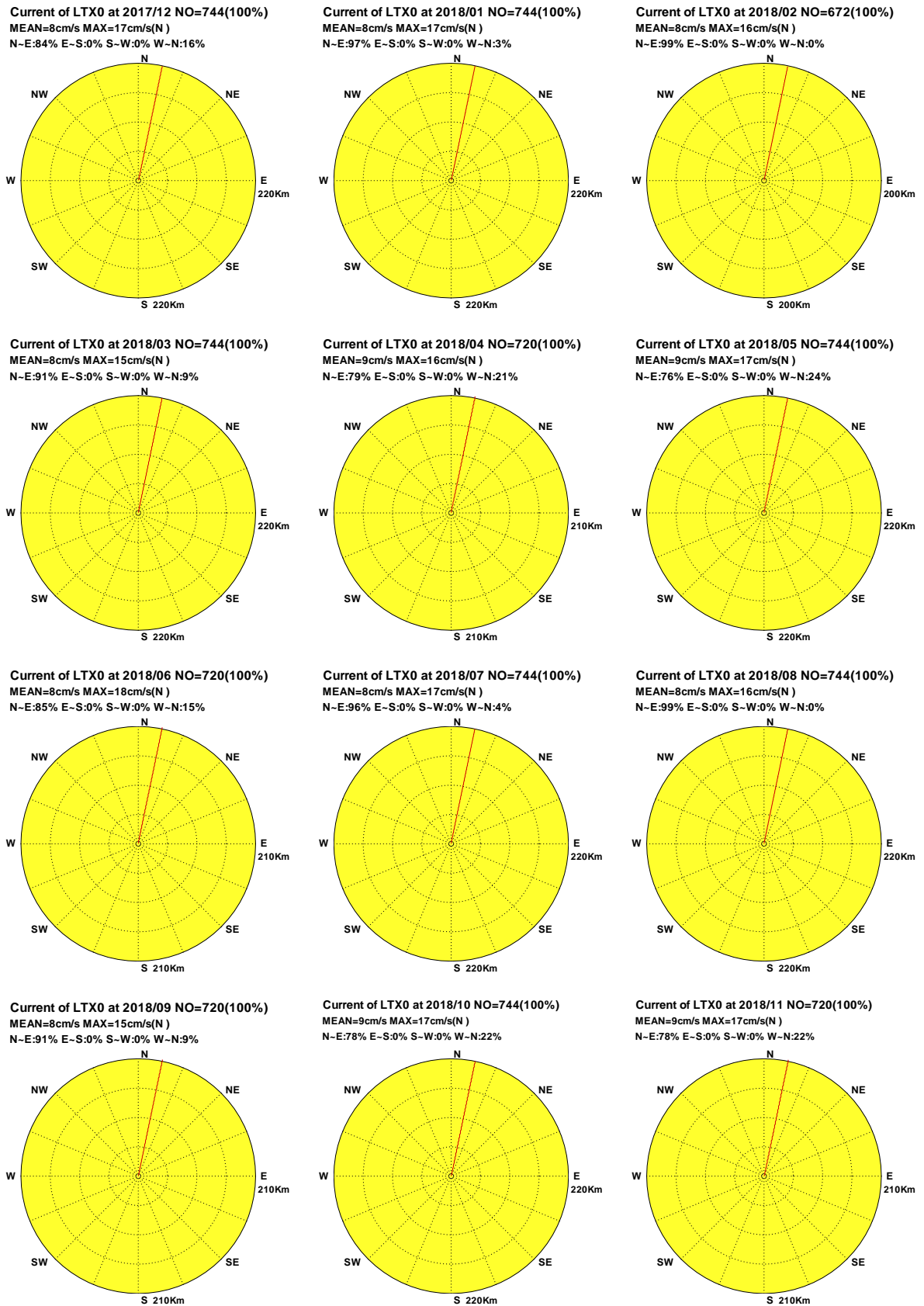


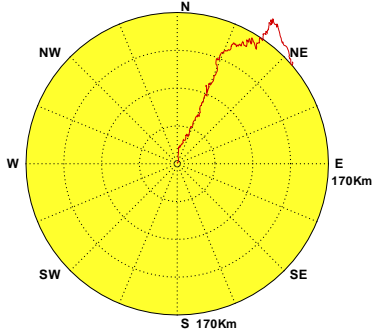
圖4.5.1b 2018年臺東海域每月測站 X 計算潮流向量行進圖

C17CLTX0.1HD C181LTX0.1HD C182LTX0.1HD C183LTX0.1HD C184LTX0.1HD C185LTX0.1HD
 C186LTX0.1HD C187LTX0.1HD C188LTX0.1HD C189LTX0.1HD C18ALTX0.1HD C18BLTX0.1HD

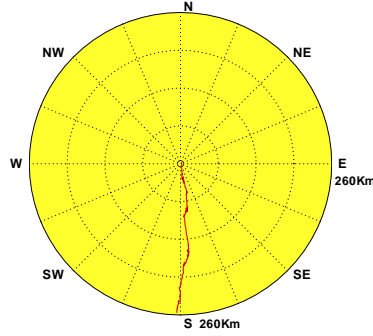
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Progressive Vector Diagram of Current

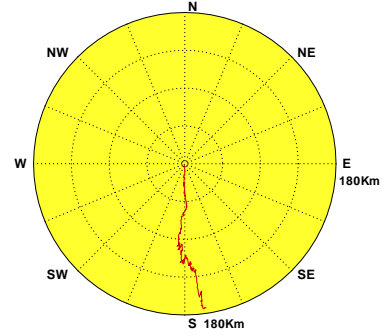
Current of Res. at 2017/12 NO=744(100%)
 MEAN=16cm/s MAX=56cm/s(NNE)
 N-E:49% E-S:33% S-W:3% W-N:15%



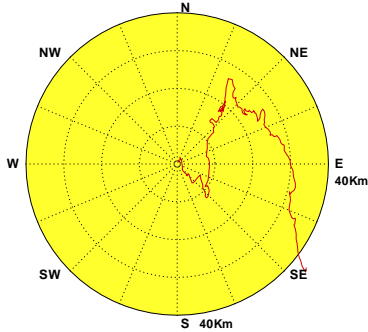
Current of Res. at 2018/01 NO=744(100%)
 MEAN=14cm/s MAX=53cm/s(S)
 N-E:10% E-S:38% S-W:42% W-N:10%



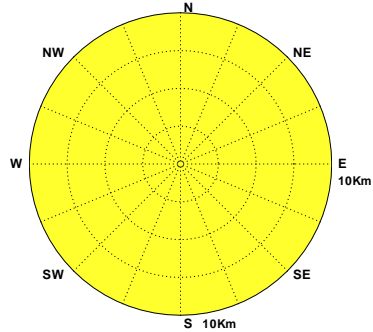
Current of Res. at 2018/02 NO=672(100%)
 MEAN=14cm/s MAX=64cm/s(S)
 N-E:16% E-S:40% S-W:35% W-N:9%



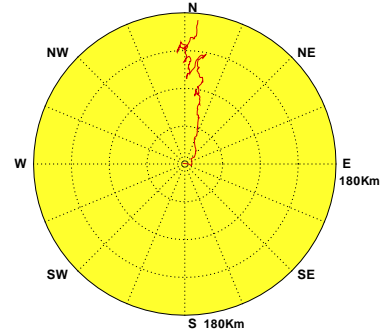
Current of Res. at 2018/03 NO=222(30%)
 MEAN=18cm/s MAX=53cm/s(N)
 N-E:32% E-S:46% S-W:13% W-N:9%



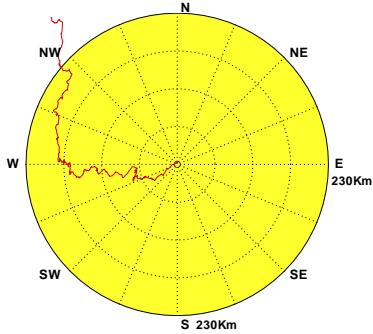
Current of Res. at 2018/04



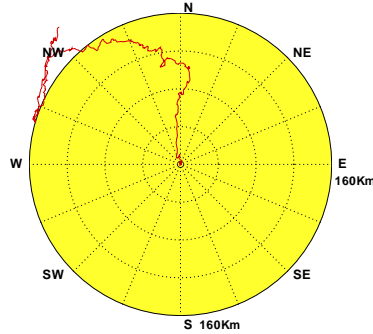
Current of Res. at 2018/05 NO=404(54%)
 MEAN=28cm/s MAX=198cm/s(E)
 N-E:43% E-S:11% S-W:19% W-N:27%



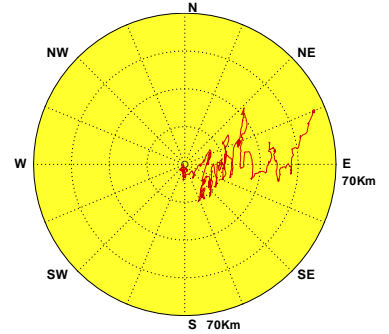
Current of Res. at 2018/06 NO=720(100%)
 MEAN=27cm/s MAX=76cm/s(SW)
 N-E:27% E-S:6% S-W:28% W-N:39%



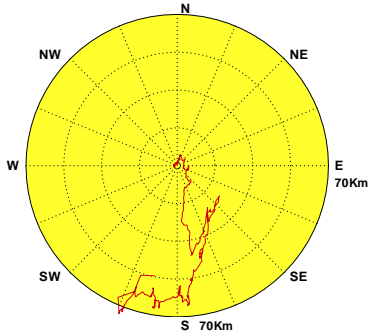
Current of Res. at 2018/07 NO=732(98%)
 MEAN=25cm/s MAX=98cm/s(SSW)
 N-E:30% E-S:11% S-W:28% W-N:31%



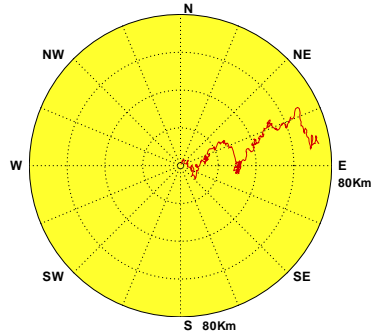
Current of Res. at 2018/08 NO=743(100%)
 MEAN=20cm/s MAX=76cm/s(S)
 N-E:37% E-S:22% S-W:28% W-N:13%



Current of Res. at 2018/09 NO=472(66%)
 MEAN=20cm/s MAX=227cm/s(NNE)
 N-E:24% E-S:19% S-W:43% W-N:14%



Current of Res. at 2018/10 NO=744(100%)
 MEAN=12cm/s MAX=61cm/s(SSE)
 N-E:41% E-S:28% S-W:18% W-N:13%



Current of Res. at 2018/11 NO=539(75%)
 MEAN=16cm/s MAX=53cm/s(SSE)
 N-E:18% E-S:32% S-W:42% W-N:8%

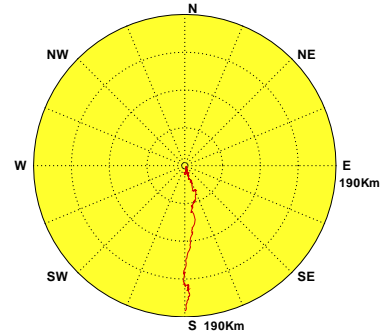


圖4.5.1c 2018年臺東海域每月測站 X 計算殘流向量行進圖

C17CLTX0.1HR C181LTX0.1HR C182LTX0.1HR C183LTX0.1HR C184LTX0.1HR C185LTX0.1HR
 C186LTX0.1HR C187LTX0.1HR C188LTX0.1HR C189LTX0.1HR C18ALTX0.1HR C18BLTX0.1HR

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Progressive Vector Diagram of Current

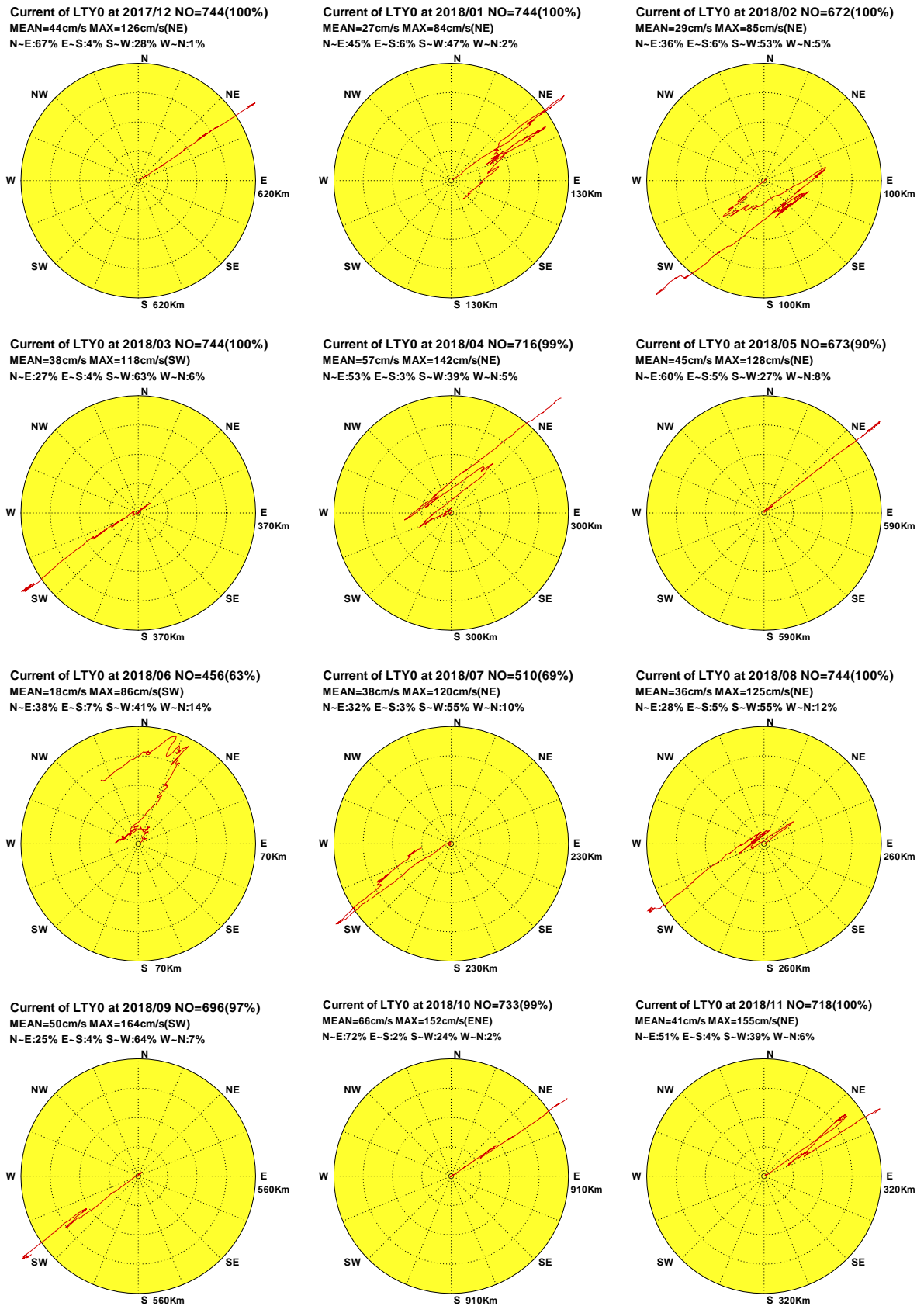


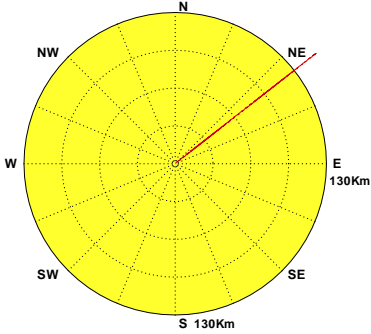
圖4.5.2a 2018年臺東海域每月測站 Y 觀測海流向量行進圖

C17CLTY0.1H0 C181LTY0.1H0 C182LTY0.1H0 C183LTY0.1H0 C184LTY0.1H0 C185LTY0.1H0
C186LTY0.1H0 C187LTY0.1H0 C188LTY0.1H0 C189LTY0.1H0 C18ALTY0.1H0 C18BLTY0.1H0

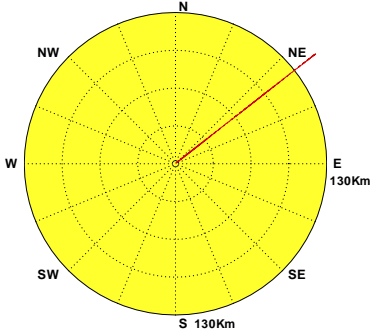
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Progressive Vector Diagram of Current

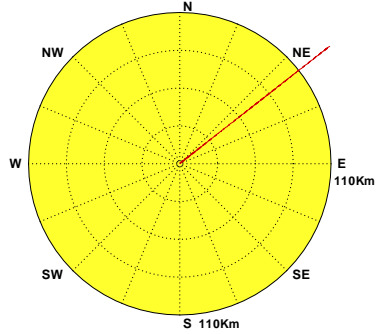
Current of LTY0 at 2017/12 NO=744(100%)
 MEAN=13cm/s MAX=31cm/s(SW)
 N-E:68% E-S:3% S-W:26% W-N:3%



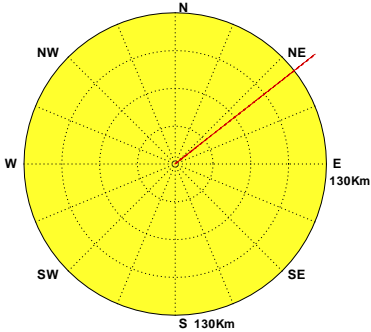
Current of LTY0 at 2018/01 NO=744(100%)
 MEAN=12cm/s MAX=30cm/s(SW)
 N-E:69% E-S:3% S-W:25% W-N:3%



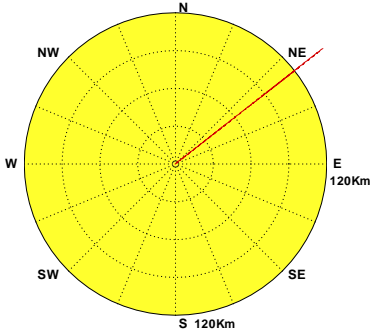
Current of LTY0 at 2018/02 NO=672(100%)
 MEAN=11cm/s MAX=26cm/s(ENE)
 N-E:69% E-S:4% S-W:23% W-N:4%



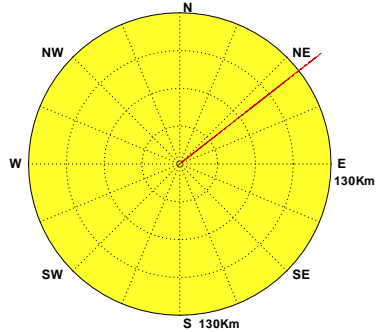
Current of LTY0 at 2018/03 NO=744(100%)
 MEAN=11cm/s MAX=25cm/s(NE)
 N-E:67% E-S:4% S-W:25% W-N:4%



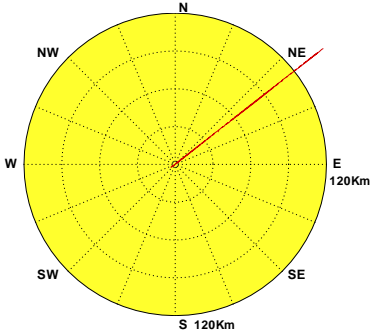
Current of LTY0 at 2018/04 NO=720(100%)
 MEAN=11cm/s MAX=27cm/s(NE)
 N-E:65% E-S:3% S-W:26% W-N:6%



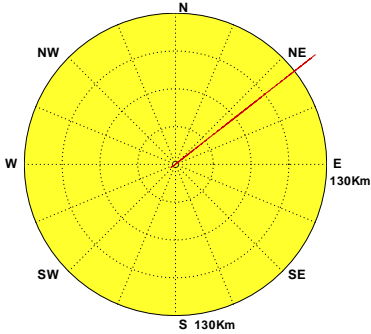
Current of LTY0 at 2018/05 NO=744(100%)
 MEAN=13cm/s MAX=29cm/s(ENE)
 N-E:66% E-S:3% S-W:27% W-N:4%



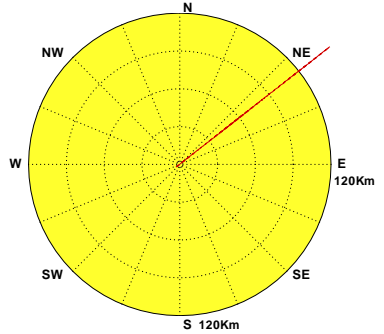
Current of LTY0 at 2018/06 NO=720(100%)
 MEAN=13cm/s MAX=31cm/s(SW)
 N-E:67% E-S:3% S-W:27% W-N:3%



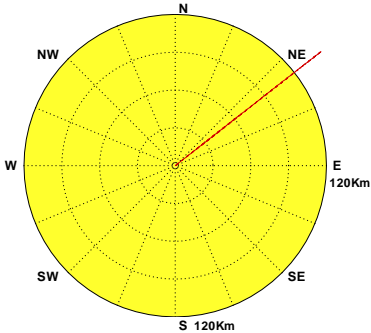
Current of LTY0 at 2018/07 NO=744(100%)
 MEAN=13cm/s MAX=28cm/s(WSW)
 N-E:69% E-S:3% S-W:25% W-N:3%



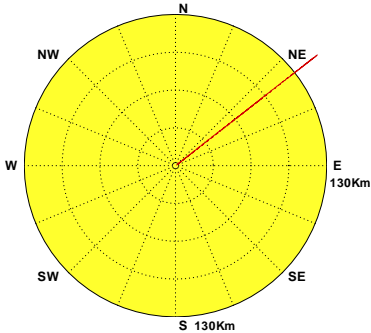
Current of LTY0 at 2018/08 NO=744(100%)
 MEAN=11cm/s MAX=25cm/s(ENE)
 N-E:70% E-S:3% S-W:24% W-N:3%



Current of LTY0 at 2018/09 NO=720(100%)
 MEAN=10cm/s MAX=24cm/s(ENE)
 N-E:67% E-S:3% S-W:25% W-N:5%



Current of LTY0 at 2018/10 NO=744(100%)
 MEAN=12cm/s MAX=27cm/s(NE)
 N-E:65% E-S:3% S-W:27% W-N:5%



Current of LTY0 at 2018/11 NO=720(100%)
 MEAN=13cm/s MAX=29cm/s(SW)
 N-E:66% E-S:3% S-W:27% W-N:4%

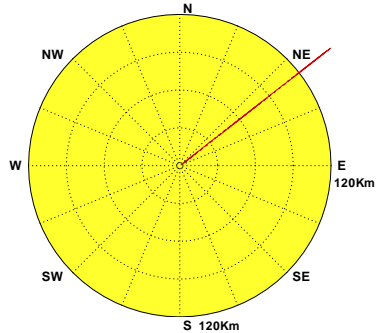


圖4.5.2b 2018年臺東海域每月測站 Y 計算潮流向量行進圖

C17CLTY0.1HD C181LTY0.1HD C182LTY0.1HD C183LTY0.1HD C184LTY0.1HD C185LTY0.1HD
 C186LTY0.1HD C187LTY0.1HD C188LTY0.1HD C189LTY0.1HD C18ALTY0.1HD C18BLTY0.1HD

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Progressive Vector Diagram of Current

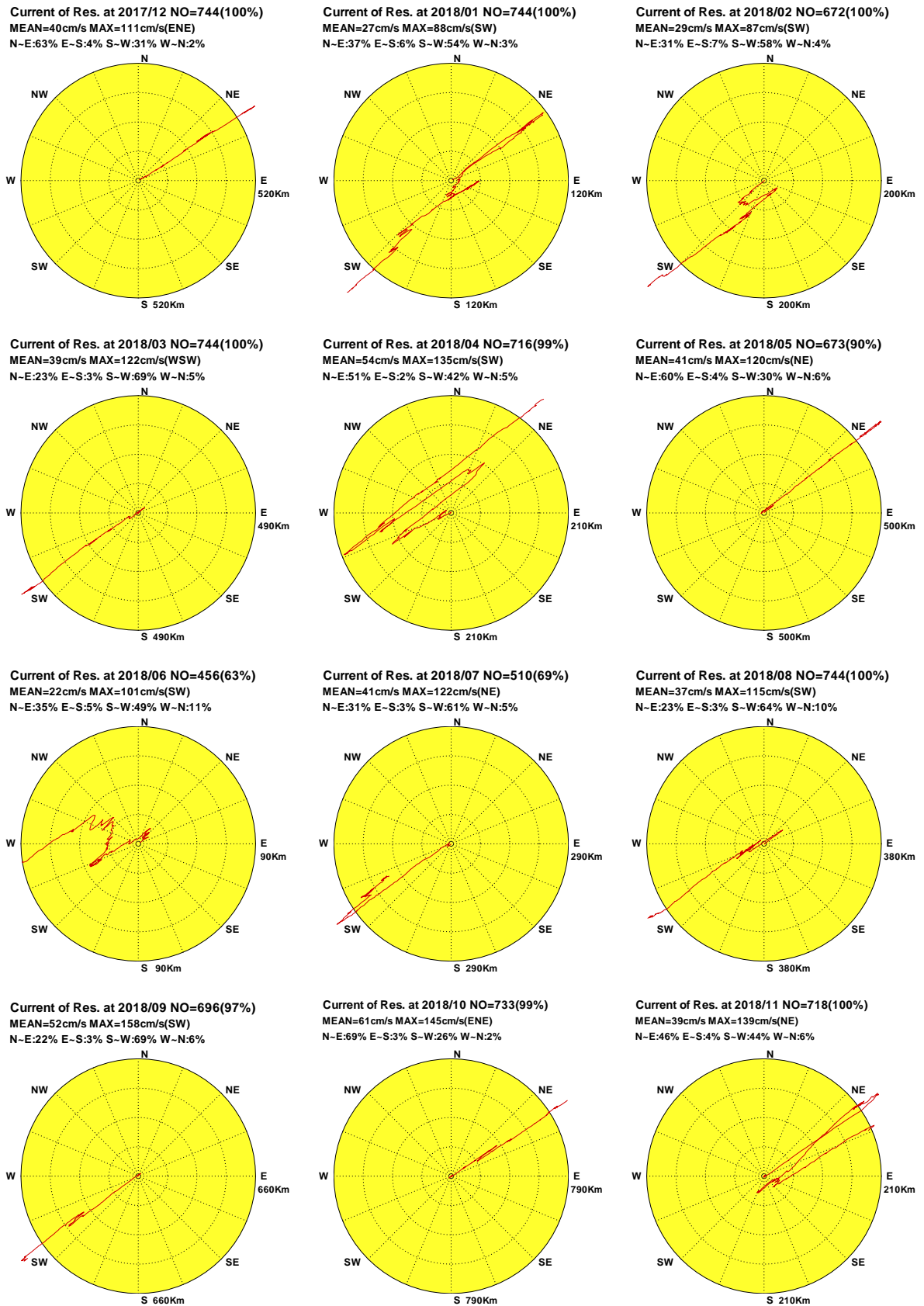


圖4.5.2c 2018年臺東海域每月測站 Y 計算殘流向量行進圖

C17CLTY0.1HR C181LTY0.1HR C182LTY0.1HR C183LTY0.1HR C184LTY0.1HR C185LTY0.1HR
C186LTY0.1HR C187LTY0.1HR C188LTY0.1HR C189LTY0.1HR C18ALTY0.1HR C18BLTY0.1HR

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