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2018 年港灣環境資訊網
海氣象觀測資料年報
(12 海域風力觀測資料)



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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編 輯：蘇青和、李俊穎、傅怡釧、蔣敏玲、劉清松、陳鈞彥

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摘要： <p style="text-align: center;">本港灣環境資訊網觀測風力資料年報，包括北苗、北端、宜蘭、花蓮、臺東、屏東、高雄、嘉南、中雲、澎湖、金門及馬祖等12個海域，2018年觀測風力資料之觀測記錄表及逐時資料歷線圖。</p>			
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ABSTRACT: This Annual report 2018 of Harbor Environment Information Website(HEIV) covers the observation data of winds near the twelve offshoe regions(Pei-Miao Seas, North Seas, Yi-Lan Seas, Haw-lien Seas, Tai-Tung Seas, Peng-Tung Seas, Kao-Hsiung Seas, Chia-Nan Seas, Chung-Yun Seas, Peng-Hu Seas, Kin-Men Seas and Ma-Tsu Seas) in Taiwan. The contents in this Annual report include the records of observation and the time series of data.			
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2018年港灣環境資訊網海氣象觀測資料年報 (12 海域風力觀測資料)

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誌 謝

2018 年港灣環境資訊網觀測風力資料年報，蒐集之 12 海域風力資料，除本中心自行觀測之外，在淡水氣象站(測站 E)、基隆港氣象站(測站 E、F 及 M)、龍洞氣象站(測站 J)、新竹氣象站(測站 P 及 I)、新屋氣象站(測站 H)、外埔氣象站(測站 Q)、蘇澳氣象站(測站 E 及 F)、花蓮氣象站(測站 E 及 F)、測站 Z(蘭嶼浮標站)、測站 R(臺東遠洋浮標站)、高雄氣象站(測站 E)、梧棲氣象站(測站 E)、澎湖馬公氣象站(測站 E)、金門水頭氣象站(測站 E)、馬祖氣象站(測站 E)、新竹海上浮標(測站 Y)、龍洞海上浮標(測站 Y)、花蓮海上浮標(測站 Y)、小琉球海上浮標(測站 Y)、馬祖海上浮標(測站 Y)、富貴角海上浮標(測站 R)、七美海上浮標(測站 R)、宜蘭氣象站(測站 H)、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)、恆春氣象站(測站 O)、彭佳嶼氣象站(測站 I)、東吉島氣象站(測站 I)、七股氣象站(測站 I)、箔子寮氣象站(測站 M)、塭港氣象站(測站 Q)等觀測風力資料，係交通部 中央氣象局(CWB)提供，謹致謝忱。

石梯氣象站(測站 H)、綠島氣象站(測站 E)、大武氣象站(測站 I)、富岡氣象站(測站 H)、彌陀海上浮標站(測站 Z)、小港氣象站(測站 H)、蟬廣嘴氣象站(測站 E)、林邊氣象站(測站 H)、永安氣象站(測站 H)、四草氣象站(測站 E)、外傘頂氣象站(測站 O)、麥寮氣象站(測站 H、測站 I)、金門料羅氣象站(測站 H)、金門水頭氣象站(測站 I)、蘇澳海上浮標(測站 Y)、臺東海上浮標(測站 Y)、七股海上浮標(測站 Y)、澎湖海上浮標(測站 Y)、金門海上浮標(測站 Y)、鵝鑾鼻海上浮標(測站 Z)、大鵬灣海上浮標(測站 U) 等觀測風力資料，係經濟部 水利署(WRA)提供，謹致謝忱。

其他福隆海上浮標(測站 R)及金門后江灣海上浮標(測站 Z) 觀測風力資料，係 國立成功大學水文中心(COMC)裝設；基隆海域附近海上浮標(測站 Z)觀測風力資料，係 國立臺灣海洋大學(NTOC)裝設；彰濱外海浮標站(測站 Y)風力資料，係 海科中心(TORI)所設置；龜山島外海浮標站(測站 Z)之風速儀屬 觀光局東北角管理處(TBRC)所設置；大鵬灣水質氣象站(測站 C 及測站 I)，係交通部 觀光局(TB)所設置；澎湖馬公港區(測站 H)觀測風力資料，係 港務公司(TIPC)提供；彰濱外海一浮標站(測站 Z)及彰濱外海二浮標站(測站 R)風速儀屬中興工程所設置，謹致謝忱。

第 0 章 2018 年臺灣 12 海域觀測風力資料蒐集

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。臺灣 12 海域觀測風力資料測站統計表如表 W1。

表 W1 臺灣 12 海域觀測風力資料測站統計表

編號	海域名稱	測站總數	IHMT 測站	CWB 測站	WRA 測站	其他 測站	備註
1	北苗海域	8	2	6			
2	北端海域	8	1	6		1	
3	宜蘭海域	7	1	3	1	2	
4	花蓮海域	5	1	3	1		
5	臺東海域	12	1	6	5		
6	屏東海域	10		4	4	2	
7	高雄海域	6	3	2	1		
8	嘉南海域	10	3	3	4		
9	中雲海域	8	2	1	2	3	
10	澎湖海域	7	2	3	1	1	
11	金門海域	8	3	1	3	1	
12	馬祖海域	7	5	2			
	合計	93	24	38	22	9	

註:資料更新時間為 2018 年。

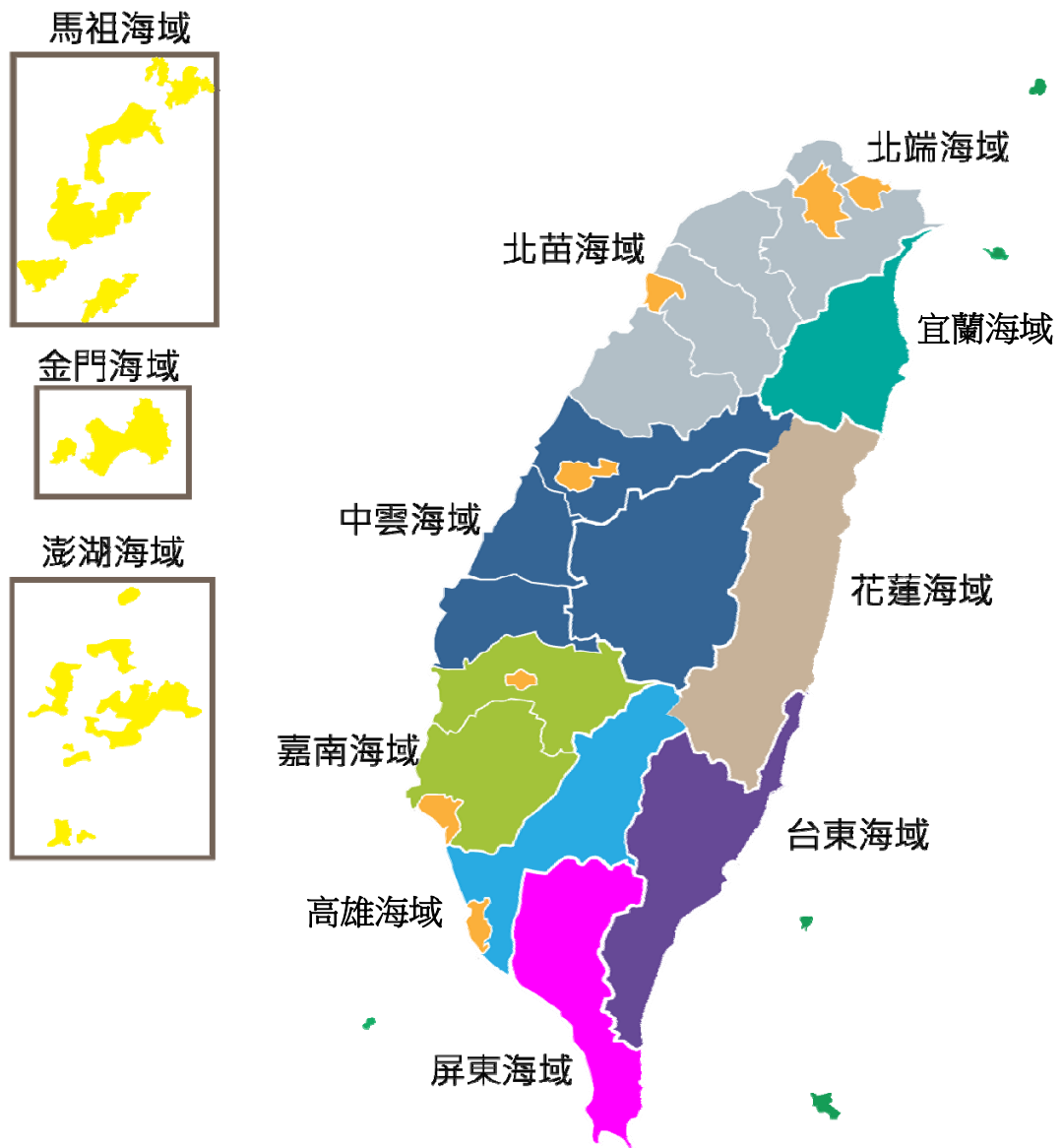


圖 A1 臺灣 12 海域區分示意圖

2018 年北苗海域觀測風力資料

北苗海域(新北~苗栗)風之觀測係 1996 年 10 月本中心(IHMT)於臺北港海上觀測樁頂安裝之 Young Brand 風速計(簡稱**測站 X0**)，位置如附圖 WP1。此風速計之觀測範圍為 0~60 米/秒，最大陣風則可測至 80 米/秒。舊觀測樁測站觀測時間至 2004 年 9 月為止，2004 年 12 月以後為新觀測樁測站(稱**測站 X1**)，風速計安裝於觀測樁頂之高度約為海平面上 15 米。2009 年 8 月於臺北港北防波堤堤頭加安裝 Young Brand 風速計(**測站 W**)。淡水河口(**測站 E**)、新竹(**測站 P、I**)、外埔(**測站 Q**)、新屋(**測站 H**)及新竹外海浮標站(**測站 Y**)屬中央氣象局(CWB)所設置。

本中心兩個測站風速、風向之取樣方法為由每小時觀測 10 分鐘連續風速、風向資料經算術平均而得之平均風速(m/s)及風向(度)。最大風速代表該月每小時平均風速中之最大值，最大風速之風向為當時相對之風向。本中心風力資料以取平均風速及平均風向為主。其他測站風資料由中央氣象局提供，觀測風速、風向資料也是平均風速(m/s)及風向(度)。各測站歷年觀測風資料蒐集概況如表 WP1。

表 WP1 北苗海域觀測風力資料蒐集概況表(統計時間至 2018 年 11 月)

測站	緯度	經度	觀測期間	觀測單位	備註
X0	25°10'44"N	121°22'41"E	1996/07-2004/09	港研中心	舊觀測樁
X1	25°10'54"N	121°22'33"E	2005/01-2018/11(觀測中)	港研中心	新觀測樁
W	25°09'24"N	121°22'19"E	2009/08-2018/11(觀測中)	港研中心	臺北港區
E	25°09'50"N	121°26'54"E	2004/01-2018/11(觀測中)	中央氣象局	淡水
Y	24°45'39"N	120°50'38"E	1997/06-2018/11(觀測中)	中央氣象局	新竹浮標站
P	24°51'01"N	120°54'44"E	2015/01-2018/11(觀測中)	中央氣象局	新竹
Q	24°39'05"N	120°46'18"E	2015/01-2018/11(觀測中)	中央氣象局	外埔
H	25°00'57"N	121°02'36"E	2014/08-2018/11(觀測中)	中央氣象局	新屋
I	24°49'48"N	121°00'22"E	2013/11-2018/11(觀測中)	中央氣象局	新竹

北苗海域

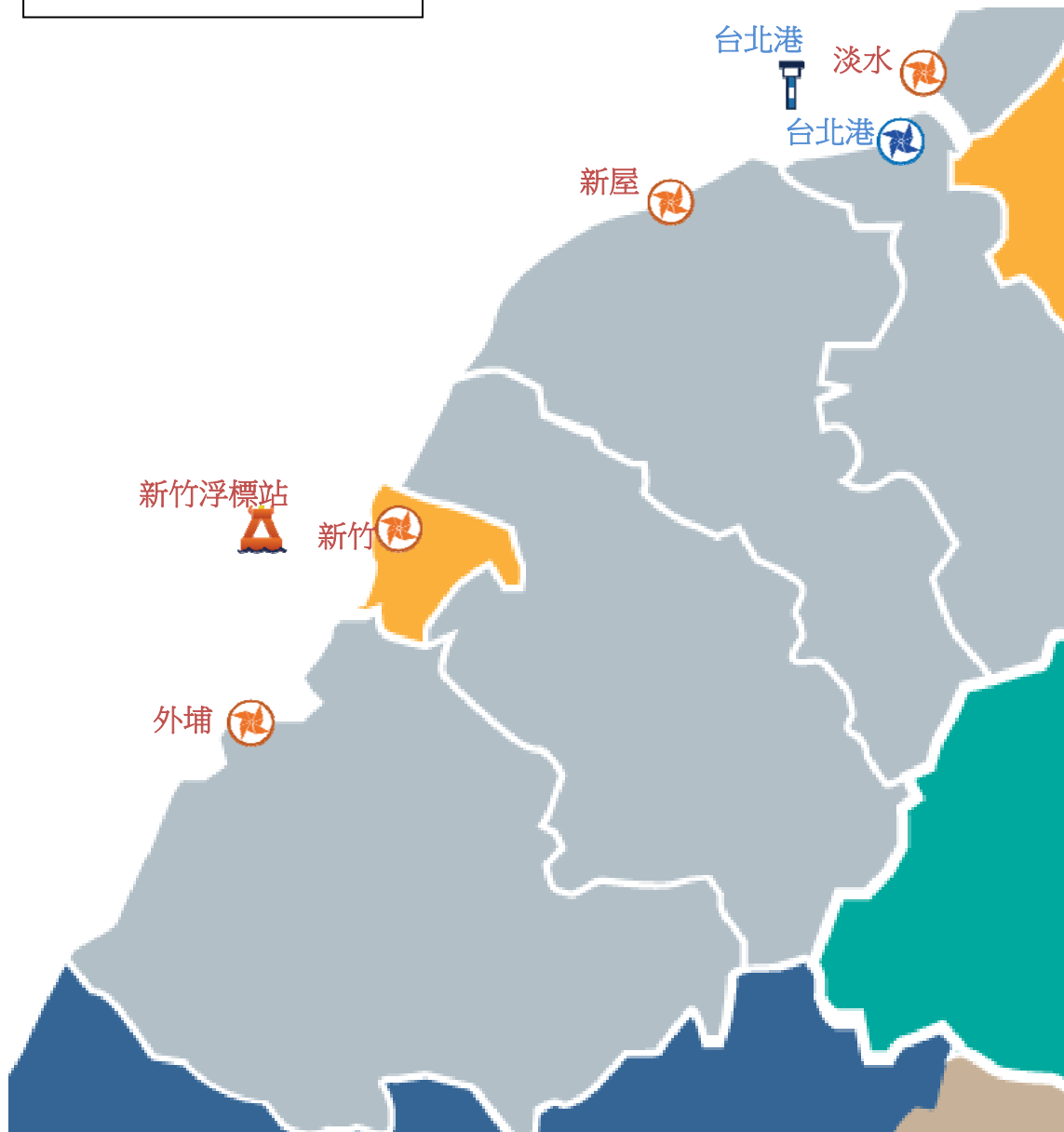


圖 WP1 北苗海域風力觀測站位置示意圖

2018 年北端海域觀測風力資料

北端海域(富貴角~龍洞)風之觀測係 2002 年 6 月本中心(IHMT)安裝 Young Brand 風速計於基隆港(稱測站 W)，其位置如附圖 WK1，2010 年 10 月後更新安裝 Gill 二維超音波式風速計。測站 E(基隆)、測站 F(基隆)、測站 J(龍洞)及測站 I(彭佳嶼)之風速儀屬中央氣象局(CWB)所有，測站 Y(龍洞外海浮標站)及測站 R(富貴角外海浮標站)之風速儀也屬中央氣象局所有，測站 Z(基隆外海浮標站)之風速儀則為國立臺灣海洋大學(NOTC)所裝設。

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)。各測站歷年觀測風資料蒐集概況如表 WK1。

表 WK1 北端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	25°09'19"N	121°45'09"E	2002/06-2018/11(觀測中)	港研中心	基隆港區
E	25°07'58"N	121°44'26"E	1999/01-2018/11(觀測中)	中央氣象局	基隆
F	25°09'18"N	121°45'05"E	2015/01-2018/11(觀測中)	中央氣象局	基隆
Y	25°05'54"N	121°55'22"E	1998/09-2018/11(觀測中)	中央氣象局	龍洞浮標站
Z	25°09'17"N	121°47'06"E	2012/05-2018/11(觀測中)	臺灣海洋大學	基隆浮標站
R	25°18'15"N	121°32'05"E	2014/12-2018/11(觀測中)	中央氣象局	富貴角浮標
I	25°37'46"N	122°04'17"E	2014/08-2018/11(觀測中)	中央氣象局	彭佳嶼
J	25°05'51"N	121°55'05"E	2015/01-2018/11(觀測中)	中央氣象局	龍洞

北端海域



圖 WK1 北端海域風力觀測站位置示意圖

2018 年宜蘭海域觀測風力資料

宜蘭海域風之觀測係 2003 年 6 月本所港研中心(IHMT)於蘇澳港安裝一具風速風向即時傳送監測系統(稱測站 W)，其位置如附圖 WS1，2012 年 10 月更新為 Gill 二維超音波式風速計。測站 E、測站 F 及測站 H 之風速儀屬中央氣象局所有，測站 Y(蘇澳外海浮標站)之風速儀屬水利署(WRA)所有，測站 Z(龜山島外海浮標站)之風速儀屬觀光局東北角管理處(TBRC)所設置。福隆海上浮標(測站 R)觀測風力，係國立成功大學水文中心(COMC)所裝設。

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)。各測站歷年觀測風資料蒐集概況如表 WS1。

表 WS1 宜蘭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	24°35'33"N	121°51'01"E	2003/06-2018/11(觀測中)	港研中心	蘇澳港區
E	24°35'48"N	121°51'26"E	1999/01-2018/11(觀測中)	中央氣象局	蘇澳
Y	24°37'38"N	121°52'36"E	1999/09-2018/11(觀測中)	水利署	蘇澳浮標站
Z	24°50'52"N	121°55'39"E	2002/05-2018/11(觀測中)	觀光局	龜山島浮標站
H	24°45'56"N	121°44'53"E	2013/11-2018/11(觀測中)	中央氣象局	宜蘭
R	22°18'50"N	120°21'50"E	2006/04-2008/02	水文中心	福隆浮標站
F	24°35'33"N	121°51'56"E	2015/04-2018/11(觀測中)	中央氣象局	蘇澳

宜蘭海域






 WRA 浮標風速站	 IHMT 風速站
 COMC 福隆浮標風速站	 CWB 風速站
 TBRC 龜山島浮標風速站	



圖 WS1 宜蘭海域風力觀測站位置示意圖

2018 年花蓮海域觀測風力資料

花蓮海域風之觀測係 2002 年 6 月本中心(IHMT)於花蓮港務分公司樓頂安裝 Young Brand 風速計(稱測站 W),2007 年 11 月更新為 Gill 三維超音波式風速計，其位置如附圖 WL1。

花蓮花崗山測站(稱測站 E) 及測站 F 風速儀屬中央氣象局(CWB)所有，測站 Y(七星潭外海浮標站)之風速儀也屬中央氣象局所有，測站 H(石梯氣象站)之風速儀則屬水利署(WRA)所有。各測站歷年觀測風資料蒐集概況如表 WL1。

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 WL1 花蓮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	23°58'50"N	121°37'12"E	2002/06-2018/11(觀測中)	港研中心	花蓮港
E	23°58'30"N	121°36'47"E	1981/02-2018/11(觀測中)	中央氣象局	花蓮
F	23°58'50"N	121°37'25"E	2015/01-2018/11(觀測中)	中央氣象局	花蓮
Y	24°01'58"	121°37'50"E	1997/07-2018/11(觀測中)	中央氣象局	花蓮浮標站
H	23°29'41"	121°30'22"E	2001/11-2018/11(觀測中)	水利署	石梯氣象站

花蓮海域

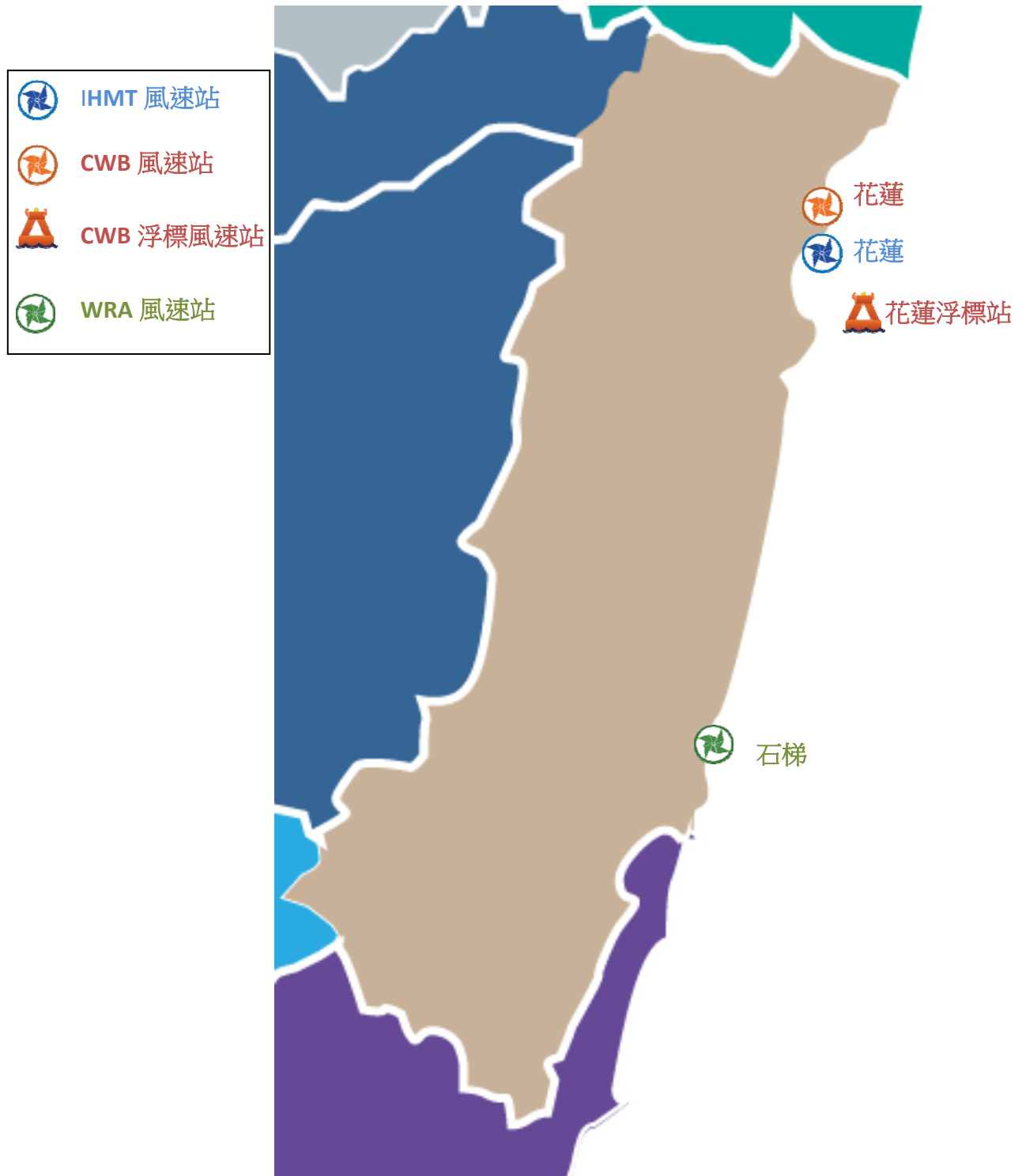


圖 WL1 花蓮海域風力觀測站位置示意圖

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

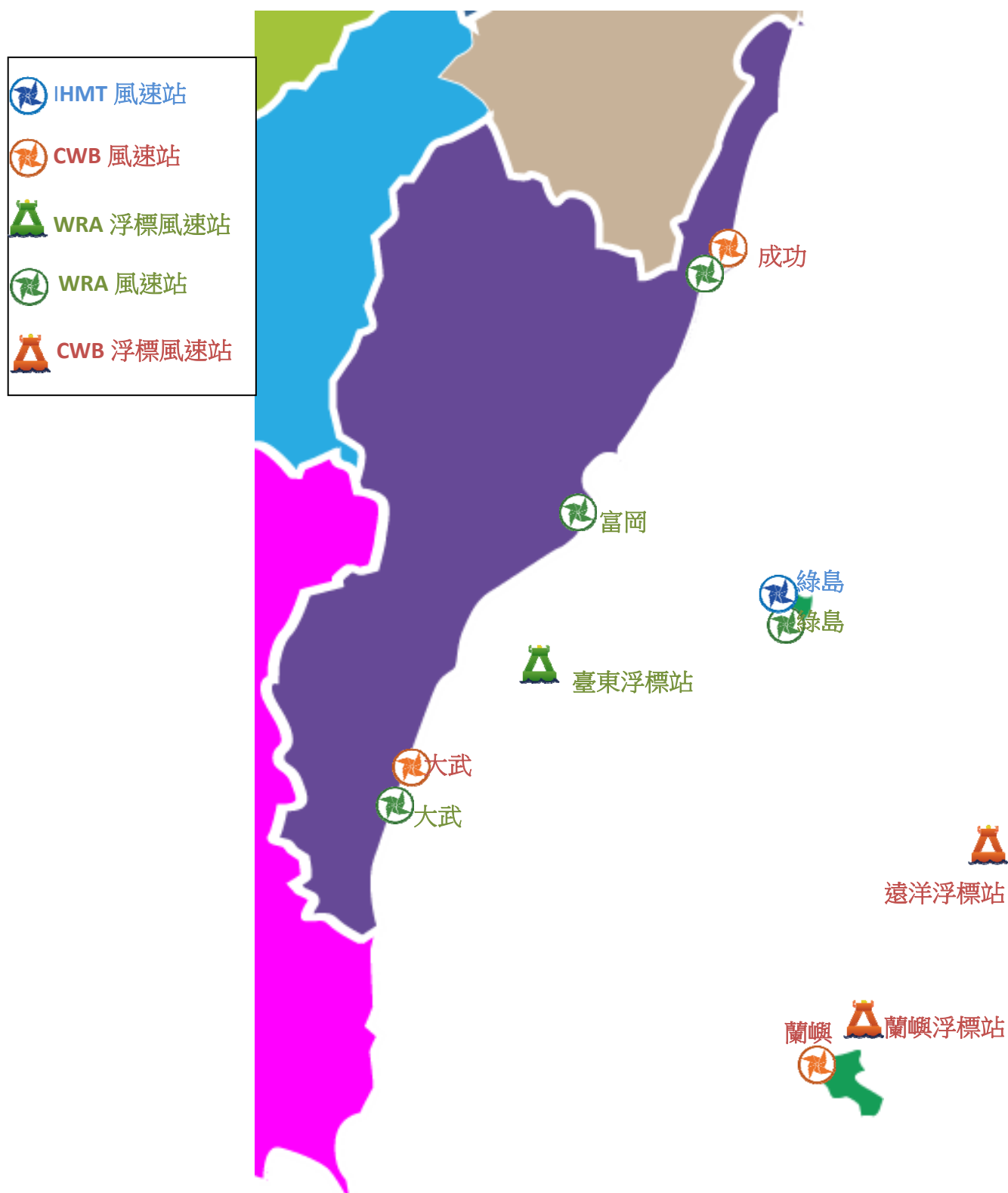


圖 WJ1 臺東海域風力觀測站位置示

2018 年屏東海域觀測風力資料

屏東海域風之觀測恆春氣象站(測站 O)、小琉球氣象站(測站 J)屬中央氣象局(CWB)所有，測站之位置如圖 WD1。東港(測站 P)由中央氣象局所設置，測站 Y(小琉球浮標站)之風速儀也屬中央氣象局所有。大鵬灣氣象站風力觀測站 C(測站 I)為觀光局所設置。

測站 Z(鵝鑾鼻外海浮標站)、測站 U(大鵬灣海上浮標站)、蟬廣嘴氣象站測站 E 及林邊氣象站測站 H 之風速儀則屬水利署(WRA)所有。各測站歷年觀測風資料蒐集概況如表 WD1。

風資料之蒐集係採取每小時測定之風速、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。風力資料以取平均風速及平均風向為主。

表 WD1 屏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
Y	22°18'50"N	120°21'50"E	2003/11-2018/11(觀測中)	中央氣象局	小琉球浮標站
Z	21°54'01"N	120°49'21"E	2000/10-2018/11(觀測中)	水利署	鵝鑾鼻浮標站
E	21°59'9"N	120°42'42"E	2006/12-2018/11(觀測中)	水利署	蟬廣嘴氣象站
H	22°24'53"N	120°31'7"E	2013/09-2018/11(觀測中)	水利署	林邊氣象站
I	22°26'55"N	120°27'9"E	2002/11-2018/11(觀測中)	觀光局	大鵬灣氣象站
O	22°00'20"N	120°44'17"E	2013/11-2018/11(觀測中)	中央氣象局	恆春氣象站
U	22°18'50"N	120°21'50"E	2002/11-2013/08	水利署	大鵬灣浮標
C	22°41'01"N	120°42'30"E	2014/11-2018/11(觀測中)	觀光局	大鵬灣氣象站
J	22°26'55"N	120°27'09"E	2016/03-2018/11(觀測中)	中央氣象局	小琉球氣象站
P	22°27'50"N	120°26'15"	2016/03-2018/11(觀測中)	中央氣象局	東港氣象站

屏東海域



圖 WD1 屏東海域風力觀測站位置示意圖

2018 年高雄海域觀測風力資料

高雄海域風之觀測係 2003 年 6 月本中心(IHMT)在高雄港十號碼頭安裝一具風速風向即時傳送監測系統(稱測站 B0)，本測站於 2010 年 9 月停止觀測。2010 年 10 月在第二港口南防坡堤堤頭，增設 Gill 二維超音波式風速計(測站 B1)，測站之位置如圖 WH1。另於 2007 年 4 月在高雄港二港口北防坡堤頭增設超音波風速風向儀(稱測站 W 及測站 C)。

高雄港附近風力觀測站 E 風速儀屬中央氣象局(CWB)所有，測站 Z(彌陀外海浮標站) 及小港氣象站測站 H 之風速儀則屬水利署(WRA)所有。各測站歷年觀測風資料蒐集概況如表 WH1。

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 WH1 高雄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
B	22°36'54"N	120°17'19"E	2002/06-2018/11(觀測中)	港研中心	高雄 1 港口
W	22°32'51"N	120°17'55"E	2010/09-2018/11(觀測中)	港研中心	高雄 2 港口
C	22°32'51"N	120°17'55"E	2007/04-2018/11(觀測中)	港研中心	高雄 2 港口
E	22°33'58"N	120°18'57"E	1999/01-2018/11(觀測中)	中央氣象局	高雄
Z	22°45'50"N	120°09'49"E	2012/09-2018/11(觀測中)	水利署	彌陀浮標站
H	23°09'32"N	121°24'12"E	2013/09-2018/11(觀測中)	中央氣象局	小港氣象站

高雄海域



圖 WH1 高雄海域風力觀測站位置示意圖

2018 年嘉南海域觀測風力資料

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

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

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

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

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

嘉南海域



IHMT 觀測樁風速站



IHMT 風速站



CWB 風速站



WRA 風速站



WRA 浮標風速站



圖 WB1 嘉南海域風力觀測站位置示意圖

2018 年中雲海域觀測風力資料

中雲海域(臺中~雲林)風之觀測係 2001 年 6 月，本中心(IHMT)於台中港北防風林處(測站 B)安裝 Young Brand 風速計，儀器高度約 10m，2009 年 9 月更新為 Gill 二維超音波式風速計，另於 2005 年 9 月在臺中港北防波堤白燈塔頂安裝風速儀(測站 W)，2009 年 9 月更新為 Gill 二維超音波式風速計，其位置如附圖 WG1。

測站 E 之風速儀屬中央氣象局(CWB)所有。麥寮氣象站測站 H 及測站 I 之風速儀則屬水利署所有，測站 Y(彰濱外海浮標站)之風速儀屬海科中心(TORI)所設置，測站 Z(彰濱外海一浮標站)及測站 R(彰濱外海二浮標站)之風速儀屬中興工程所設置。各測站歷年觀測風資料蒐集概況如表 WG1。

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。其他測站觀測資料也是平均風速(m/s)及風向(度)。

表 WG1 中雲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
B	24°18'18"N	120°31'52"E	2001/07-2018/11(觀測中)	港研中心	台中港北防風林
W	24°17'59"N	120°29'12"E	1996/09-1997/11 2005/09-2018/11(觀測中)	港研中心	台中港北堤燈塔
E	24°15'25"N	120°31'23"E	1996/09-2018/11(觀測中)	中央氣象局	梧棲站
Y	24°01'12"N	120°13'59"E	2006/08-2016/12	海科中心	彰濱浮標站
H	24°47'9"N	120°9'39"E	2000/01-2009/06	水利署	麥寮氣象站
I	24°47'9"N	120°9'39"E	2009/01-2018/11(觀測中)	水利署	麥寮氣象站
Z	24°06'24"	119°41'33"	2016/09-2017/09	中興工程	彰化外海一浮標
R	24°06'56"	119°51'08"	2016/09-2017/09	中興工程	彰化外海二浮標

中雲海域





 IHMT 風速站	 WRA 風速站
 CWB 風速站	 TORI 浮標風速站



圖 WG1 中雲海域風力觀測站位置示意圖

2018 年澎湖海域觀測風力資料

澎湖海域風之觀測係 2009 年 12 月本中心(IHMT)安裝 Young Brand 風速計於馬公港區辦事處大樓樓頂澎湖港(測站 W)，位置如圖 WN1。另於 2011 年 12 月於龍門港區安裝 Young Brand 風速計(稱測站 B)。

測站 R(七美資料浮標站)之風速儀屬中央氣象局(CWB)所有，測站 Y(澎湖外海浮標站)之風速儀屬水利署(WRA)所有，姑婆嶼北北西方約 1 公里處，水深 26.6 公尺之浮標上。測站 E(馬公港區)及測站 I(東吉島)之風速儀屬中央氣象局所有。測站 H 之風速儀屬港務公司(TIPC)所有，也設置於馬公港區。各觀測站歷年觀測風資料蒐集概況如表 WN1。

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 WN1 澎湖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	23°33'46"N	119°33'52"E	2009/12-2018/11(觀測中)	港研中心	馬公港區
B	23°33'30"N	119°40'5.5"E	2009/12-2018/11(觀測中)	港研中心	龍門尖山港區
E	23°34'02"N	119°33'19"E	2001/01-2018/11(觀測中)	中央氣象局	馬公港區
Y	23°43'37"N	119°33'07"E	2006/09-2018/11(觀測中)	水利署	澎湖資料浮標
H	23°33'46"N	119°33'52"E	2001/12 -2014/08	港務公司	馬公港區
R	22°45'16"N	119°25'42"E	2015/07-2018/11(觀測中)	中央氣象局	七美資料浮標
I	23°34'02"N	119°33'19"E	2014/08-2018/11(觀測中)	中央氣象局	東吉島

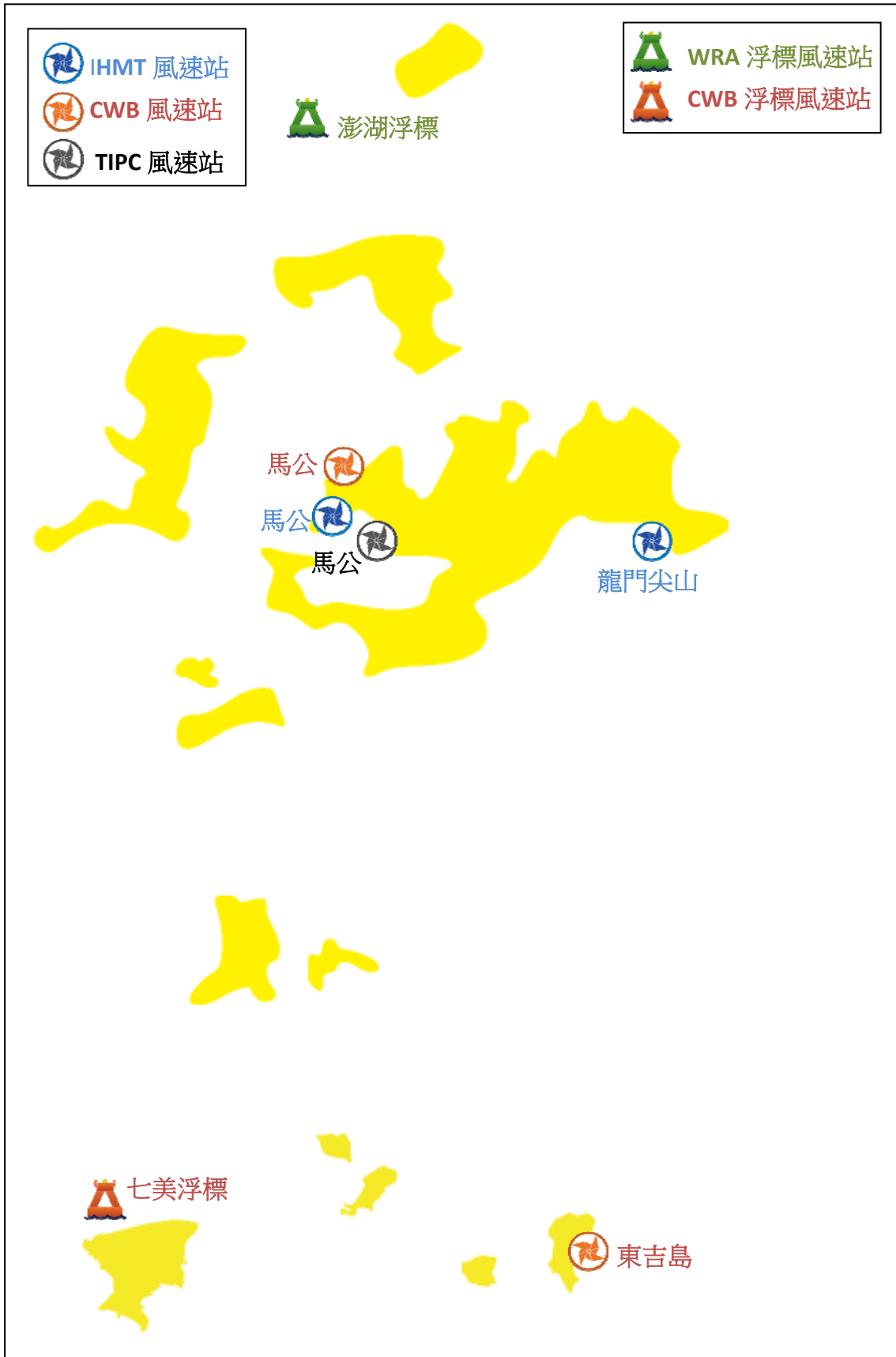


圖 WN1 澎湖海域風力觀測站位置示意圖

2018 年金門海域觀測風力資料

金門海域風力之觀測係 2010 年 12 月本中心(IHMT)安裝風速計於金門港水頭港區辦事處大樓樓頂(測站 W)，其位置如附圖 WM1。2012 年 8 月本中心另安裝風速計於金門港料羅港區辦事處大樓樓頂(測站 B)。2014 年 2 月本中心安裝風速計於金門港九宮港區(測站 C)。

料羅氣象站(測站 H)及水頭氣象站(測站 I)之風速儀屬水利署(WRA)所有。金門料羅港南方海域(測站 Y)外海浮標站之風速儀也屬水利署(WRA)所有。後江灣小浮標(測站 Z)之風速儀屬近海水文中心(COMC)設置。水頭氣象站(測站 E)之風速儀屬中央氣象局(CWB)所有。各測站歷年觀測風資料蒐集概況如表 WM1。

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。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 WM1 金門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	24°24'54"N	118°17'13"E	2010/12-2018/11(觀測中)	港研中心	水頭港區
B	24°24'29"N	118°25'46"E	2012/08-2018/11(觀測中)	港研中心	料羅港區
C	24°25'30"N	118°15'48"E	2014/02-2018/11(觀測中)	港研中心	九宮港區
E	24°24'26"N	118°17'21"E	2004/01-2018/11(觀測中)	中央氣象局	水頭氣象站
Y	24°22'48"N	118°24'41"E	2001/01-2018/11(觀測中)	水利署	金門資料浮標
Z	24°30'27"N	118°22'24"E	2013/01-2014/06	水文中心	后江灣小浮標
H	24°24'32"N	118°25'58"E	2001/01-2018/11(觀測中)	水利署	料羅氣象站
I	24°25'16"N	118°17'21"E	2013/09-2018/11(觀測中)	水利署	水頭氣象站



圖 WM1 金門海域風力觀測站位置示意圖

2018 年馬祖海域觀測風力資料

馬祖海域風之觀測係 2012 年 10 月本中心(IHMT)安裝 Young Brand 風速計於馬祖福澳港辦事處頂樓(稱測站 W)，其位置如附圖 WU1。2015 年 9 月本中心於北竿、西莒、東引及東莒等 4 處增設風速站(稱測站 B、測站 C、測站 D 及測站 I)。

測站 E 之風速儀屬中央氣象局(CWB)所有，測站 Y(海域資料浮標)之風速儀也屬屬中央氣象局所有。馬祖海域各測站歷年觀測風資料蒐集概況如表 WU1。

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 WU1 馬祖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	26°9'36"N	119°56'37"E	2012/10-2018/11(觀測中)	港研中心	福澳港
E	26°10'10"N	119°55'23"E	2004/01-2018/11(觀測中)	中央氣象局	福澳港區
Y	26°22'36"N	120°31'53"E	2010/07-2018/11(觀測中)	中央氣象局	馬祖資料浮標
B	26°12'25"N	119°58'3.5"E	2015/09-2018/11(觀測中)	港研中心	北竿港
C	25°58'11"N	119°55'55"E	2015/09-2018/11(觀測中)	港研中心	西莒港
D	26°9'36"N	119°56'37"E	2015/09-2018/11(觀測中)	港研中心	東引港
I	26°21'49"N	120°29'2.5"E	2015/09-2018/11(觀測中)	港研中心	東莒港

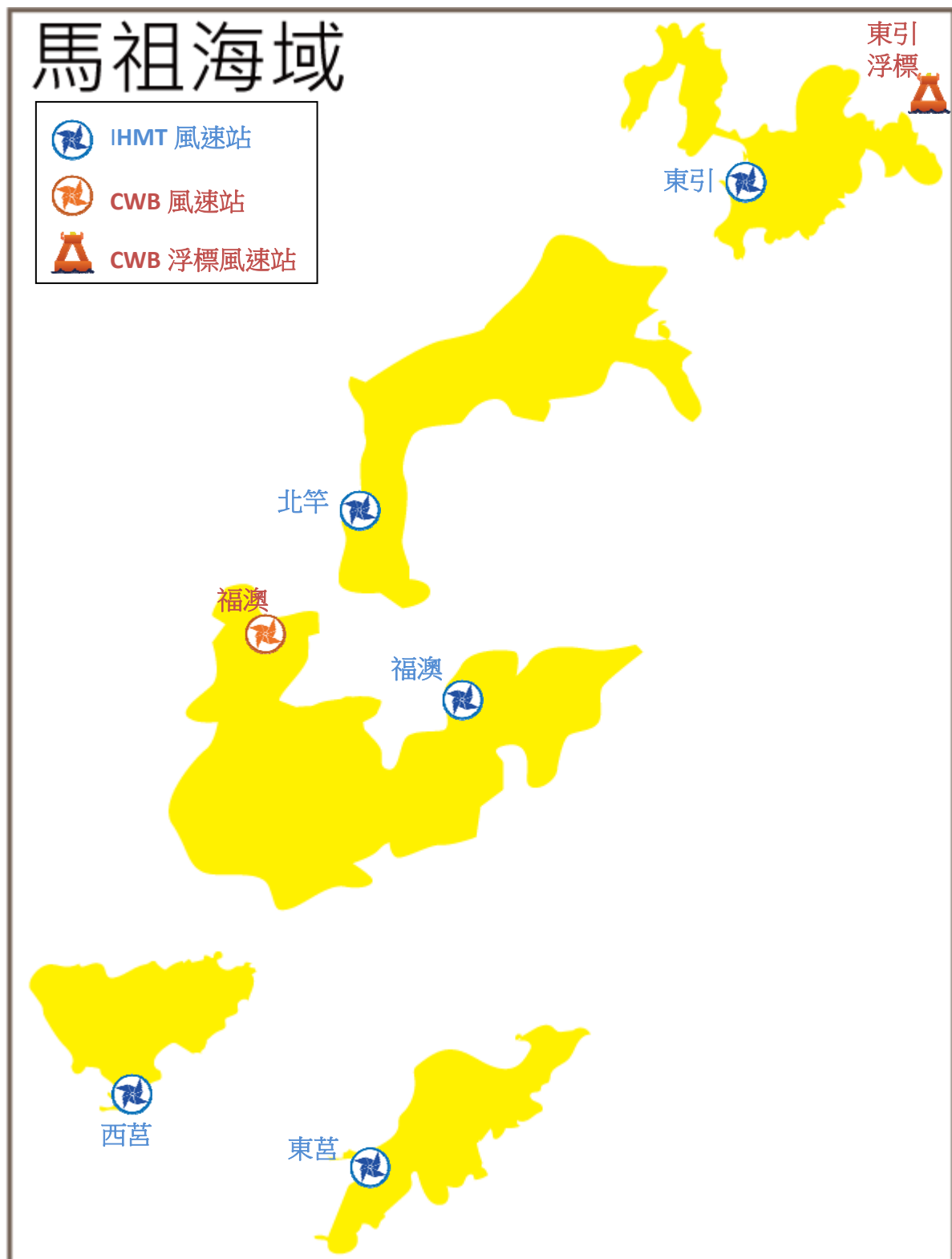


圖 WU1 馬祖海域風力觀測站位置示意圖

第一章 2018 年 12 海域觀測風力資料圖表

北苗海域(新北~苗栗)風力之觀測包括測站 **X**、測站 **W**、測站 **E**、測站 **Y**、測站 **P**、測站 **Q**、測站 **H** 及測站 **I** 等 8 個測站(測站位置如第 0 章圖 WP1)。本年報取經檢核及補遺之 **X 站** 資料作為主要測站 1，**Y 站** 資料作為主要測站 2。

北端海域(富貴角~龍洞) 風力之觀測包括測站 **W**、測站 **Y**、測站 **E**、測站 **F**、測站 **Z**、測站 **R**、測站 **J** 及測站 **I** 等 8 個測站(測站位置如第 0 章圖 WK1)。本年報取經檢核及補遺之 **W 站** 資料作為主要測站 1，**Y 站** 資料作為主要測站 2。

宜蘭海域風之觀測包括測站 **W**、測站 **Y**、測站 **E**、測站 **F**、測站 **Z** 及測站 **H** 等 6 個測站(測站位置如第 0 章圖 WS1)。本年報取經檢核及補遺之 **W 站** 資料作為主要測站 1，**Y 站** 資料作為主要測站 2。

花蓮海域風之觀測包括測站 **W**、測站 **Y**、測站 **E**、測站 **F** 及測站 **H** 等 5 個測站(測站位置如第 0 章圖 WL1)。本年報取經檢核及補遺之 **W 站** 資料作為主要測站，**Y 站** 資料作為主要測站 2。

臺東海域風之觀測包括測站 **Y**、測站 **W**、測站 **B**、測站 **E**、測站 **H**、測站 **C**、測站 **I**、測站 **O**、測站 **M**、測站 **Q** 及測站 **Z** 等 11 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，**W 站** 資料作為主要測站 2。

屏東海域風之觀測包括測站 **Y**、測站 **Z**、測站 **E**、測站 **H**、測站 **O**、測站 **I**、測站 **C**、測站 **J** 及測站 **P** 等 9 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，**Z 站** 資料作為主要測站 2。

高雄海域風之觀測包括測站 **W**、測站 **Z**、測站 **B**、測站 **C**、測站 **E** 及測站 **H** 等 6 個測站(測站位置如第 O 章圖 WH1)。本年報取經檢核及補遺之 **W 站** 資料作為主要測站 1，**Z 站** 資料作為主要測站 2。

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

中雲海域風之觀測包括測站 **W**、測站 **I**、測站 **B** 及測站 **E** 等 4 個測站(測站位置如第 O 章圖 WG1)。本年報取經檢核及補遺之 **W 站** 資料作為主要測站 1，**I 站** 資料作為主要測站 2。

澎湖海域風之觀測包括測站 **W**、測站 **Y**、測站 **B**、測站 **E**、測站 **R** 及測站 **H** 等 6 個測站(測站位置如第 O 章圖 WN1)。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。

金門海域風之觀測包括測站 **W**、測站 **Y**、測站 **B**、測站 **C**、測站 **E**、測站 **H** 及測站 **I** 等 7 個測站(測站位置如第 O 章圖 WM1)。本年報取經檢核及補遺之 **Y 站** 資料作為主要測站，**W 站** 資料作為主要測站 2。

馬祖海域風之觀測包括測站 **W**、測站 **Y**、測站 **B**、測站 **E**、測站 **C**、測站 **D** 及測站 **I** 等 7 個測站(測站位置如第 O 章圖 WU1)。本年報取經檢核及補遺之 **Y 站** 資料作為主要測站，**W 站** 資料作為主要測站 2。

2018 年 12 海域**主要測站 1** 每月風力資料修補前後記錄表，如表 1.1。2018 年 12 海域**主要測站 2** 每月風力資料修補前後記錄表，如表 1.2。

本**風力**年報資料處理之圖表包括：

1. 第二章：2018 年 12 海域**主要測站 1** 之每月(季)及整年風速及風向重要統計量統計表。
2. 第三章：2018 年 12 海域**主要測站 1** 修補前後每月風力歷線比較圖。
3. 第四章：2018 年 12 海域**主要測站 1** 修補前後每月風力向量分佈圖。
4. 第五章：2018 年 12 海域**主要測站 1** 修補前後每月風力向量行進圖。
5. 第六章：2018 年 12 海域**主要測站 2** 之每月(季)及整年風速及風向重要統計量統計表。
6. 第七章：2018 年 12 海域**主要測站 2** 修補前後每月風力歷線比較圖。
7. 第八章：2018 年 12 海域**主要測站 2** 修補前後每月風力向量分佈圖。
8. 第九章：2018 年 12 海域**主要測站 2** 修補前後每月風力向量行進圖。

表 1.1a 2018 年每月 12 個海域風力主要觀測 1 站修補前資料紀錄表

海域	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	馬祖海域
年月/測站	X	W	W	W	Y	Y	W	X	W	Y	Y	Y
2017/12 月	60(8.1%)	744(100%)	530(71.2%)	744(100%)	744(100%)	703(94.5%)	743(99.9%)	*	744(100%)	744(100%)	735(98.8%)	126(16.9%)
2018/ 1 月	*	744(100%)	278(37.4%)	744(100%)	743(99.9%)	711(95.6%)	744(100%)	*	744(100%)	744(100%)	738(99.2%)	*
2018/ 2 月	*	672(100%)	*	632(94.0%)	672(100%)	623(92.7%)	671(99.9%)	*	672(100%)	672(100%)	664(98.8%)	*
2018/ 3 月	674(90.6%)	744(100%)	*	619(83.2%)	742(99.7%)	677(91.0%)	744(100%)	77(10.3%)	744(100%)	744(100%)	733(98.5%)	*
2018/ 4 月	682(94.7%)	720(100%)	*	191(26.5%)	720(100%)	656(91.1%)	719(99.9%)	682(94.7%)	720(100%)	710(98.6%)	710(98.6%)	280(38.9%)
2018/ 5 月	734(98.7%)	744(100%)	392(52.7%)	744(100%)	740(99.5%)	429(57.7%)	668(89.8%)	174(23.4%)	744(100%)	738(99.2%)	740(99.5%)	462(62.1%)
2018/ 6 月	715(99.3%)	720(100%)	720(100%)	720(100%)	710(98.6%)	251(34.9%)	277(38.5%)	131(18.2%)	720(100%)	707(98.2%)	713(99.0%)	672(93.3%)
2018/ 7 月	734(98.7%)	744(100%)	744(100%)	744(100%)	716(96.2%)	*	*	729(98.0%)	744(100%)	744(100%)	724(97.3%)	688(92.5%)
2018/ 8 月	741(99.6%)	744(100%)	744(100%)	725(97.4%)	737(99.1%)	608(81.7%)	*	735(98.8%)	744(100%)	739(99.3%)	736(98.9%)	683(91.8%)
2018/ 9 月	711(98.8%)	720(100%)	720(100%)	720(100%)	707(98.2%)	606(84.2%)	*	713(99.0%)	720(100%)	708(98.3%)	696(96.7%)	642(89.2%)
2018/10 月	733(98.5%)	744(100%)	744(100%)	744(100%)	739(99.3%)	623(83.7%)	*	730(98.1%)	744(100%)	743(99.9%)	726(97.6%)	734(98.7%)
2018/11 月	711(98.8%)	720(100%)	720(100%)	720(100%)	720(100%)	592(82.2%)	*	716(99.4%)	720(100%)	720(100%)	701(97.4%)	672(93.3%)

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表 1.1b 2018 年每月 12 個海域風力主要觀測 1 站修補後資料紀錄表

海域	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	馬祖海域
年月/測站	X	W	W	W	Y	Y	W	X	W	Y	Y	Y
2017/12 月	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)
2018/ 1 月	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)
2018/ 2 月	672(100%)	672(100%)	672(100%)	672(100%)	672(100%)	672(100%)	672(100%)	672(100%)	672(100%)	672(100%)	672(100%)	672(100%)
2018/ 3 月	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)
2018/ 4 月	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)
2018/ 5 月	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)
2018/ 6 月	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)
2018/ 7 月	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)
2018/ 8 月	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)
2018/ 9 月	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)
2018/10 月	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)
2018/11 月	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)

表 1.2a 2018 年每月 12 個海域風力主要觀測 2 站修補前資料紀錄表

海域	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	馬祖海域
年月/測站	Y	Y	Y	Y	W	Z	Z	B	I	W	W	W
2017/12 月	728(97.8%)	727(97.7%)	744(100%)	721(96.9%)	589(79.2%)	744(100%)	742(99.7%)	712(95.7%)	738(99.2%)	381(51.2%)	658(88.4%)	*
2018/ 1 月	724(97.3%)	310(41.7%)	744(100%)	698(93.8%)	507(68.1%)	743(99.9%)	744(100%)	531(71.4%)	734(98.7%)	577(77.6%)	654(87.9%)	*
2018/ 2 月	629(93.6%)	158(23.5%)	672(100%)	630(93.8%)	513(76.3%)	672(100%)	658(97.9%)	300(44.6%)	663(98.7%)	388(57.7%)	515(76.6%)	*
2018/ 3 月	708(95.2%)	613(82.4%)	744(100%)	674(90.6%)	742(99.7%)	744(100%)	701(94.2%)	641(86.2%)	728(97.8%)	674(90.6%)	657(88.3%)	578(77.7%)
2018/ 4 月	626(86.9%)	658(91.4%)	720(100%)	668(92.8%)	473(65.7%)	720(100%)	684(95.0%)	305(42.4%)	698(96.9%)	640(88.9%)	660(91.7%)	671(93.2%)
2018/ 5 月	467(62.8%)	353(47.4%)	744(100%)	406(54.6%)	612(82.3%)	744(100%)	738(99.2%)	588(79.0%)	644(86.6%)	711(95.6%)	604(81.2%)	691(92.9%)
2018/ 6 月	668(92.8%)	531(73.8%)	719(99.9%)	557(77.4%)	678(94.2%)	720(100%)	711(98.8%)	715(99.3%)	690(95.8%)	680(94.4%)	201(27.9%)	482(66.9%)
2018/ 7 月	672(90.3%)	583(78.4%)	743(99.9%)	592(79.6%)	688(92.5%)	744(100%)	738(99.2%)	738(99.2%)	732(98.4%)	692(93.0%)	737(99.1%)	675(90.7%)
2018/ 8 月	691(92.9%)	597(80.2%)	732(98.4%)	629(84.5%)	703(94.5%)	743(99.9%)	738(99.2%)	728(97.8%)	725(97.4%)	698(93.8%)	727(97.7%)	702(94.4%)
2018/ 9 月	627(87.1%)	580(80.6%)	719(99.9%)	610(84.7%)	678(94.2%)	720(100%)	708(98.3%)	711(98.8%)	705(97.9%)	677(94.0%)	706(98.1%)	637(88.5%)
2018/10 月	736(98.9%)	691(92.9%)	744(100%)	727(97.7%)	706(94.9%)	744(100%)	733(98.5%)	736(98.9%)	728(97.8%)	702(94.4%)	737(99.1%)	12(1.6%)
2018/11 月	651(90.4%)	637(88.5%)	720(100%)	633(87.9%)	682(94.7%)	720(100%)	714(99.2%)	708(98.3%)	709(98.5%)	692(96.1%)	646(89.7%)	237(32.9%)

表 1.2b 2018年每月12個海域風力主要觀測2站修補後資料紀表

海域	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	馬祖海域
年月/測站	Y	Y	Y	Y	W	Z	Z	B	I	W	W	W
2017/12月	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)
2018/ 1月	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)
2018/ 2月	672(100%)	672(100%)	672(100%)	672(100%)	672(100%)	672(100%)	672(100%)	672(100%)	672(100%)	672(100%)	672(100%)	672(100%)
2018/ 3月	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)
2018/ 4月	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)
2018/ 5月	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)
2018/ 6月	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)
2018/ 7月	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)
2018/ 8月	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)
2018/ 9月	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)
2018/10月	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)	744(100%)
2018/11月	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)	720(100%)

第二章 2018 年 12 海域風力主要測站 1

修補前後風力統計量統計表

(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)

(馬祖海域)

表 2.1a 2017 年 12 月 12 個海域主要測站 1 修補前風速及風向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	風速 平均值 (m/s)	平均風 風速/風向 (m/s)/(來向)	最疾風 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	北苗海域(X)	60(8%)	7.2	4.7/NE	14.8/NE	20.0	41.7	30.0	8.3	63.3	5.0	23.3	8.3	NE /43.3%
2	北端海域(W)	744(100%)	5.5	4.2/NE	14.1/N	26.9	50.5	22.3	.3	67.7	20.3	6.3	5.6	NNE/28.8%
3	宜蘭海域(W)	530(71%)	5.1	3.3/NW	12.1/NNE	16.6	72.8	10.6	.0	15.7	3.0	15.5	65.8	WNW/31.9%
4	花蓮海域(W)	744(100%)	4.5	3.1/NNE	13.3/NE	45.2	40.6	14.2	.0	56.5	3.4	14.5	25.7	NE /39.8%
5	臺東海域(Y)	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%
6	屏東海域(Y)	703(95%)	3.5	3.0/NNW	8.8/NW	48.2	50.5	1.3	.0	21.3	.7	4.6	73.4	NW /28.4%
7	高雄海域(W)	743(100%)	4.6	4.1/NNW	12.6/NNW	28.8	62.9	8.3	.0	32.6	.0	2.8	64.6	N /34.1%
8	嘉南海域(X)													
9	中雲海域(W)	744(100%)	14.6	14.4/NNE	28.3/NNE	9.1	11.8	20.7	58.3	93.5	1.2	1.3	3.9	NNE/71.6%
10	澎湖海域(Y)	744(100%)	12.8	12.6/NNE	19.0/NNE	.5	9.7	44.8	45.0	98.3	.0	.0	1.7	NNE/79.3%
11	金門海域(Y)	735(99%)	8.2	7.9/NE	14.4/NE	8.6	31.3	59.2	1.0	93.3	1.1	1.9	3.7	NE /43.1%
12	馬祖海域(Y)	126(17%)	10.3	9.9/NE	21.3/E	.0	4.8	94.4	.8	99.2	.8	.0	.0	NNE/49.2%

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表2.1b 2017年12月12個海域主要測站1修補後風速及風向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	風速 平均值 (m/s)	平均風 風速/風向 (m/s)/(來向)	最疾風 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	北苗海域(X)	744(100%)	9.4	8.7/NE	16.6/NE	5.8	25.5	57.5	11.2	85.3	11.6	2.3	.8	NE /55.5%
2	北端海域(W)	744(100%)	5.5	4.2/NE	14.1/N	27.0	50.4	22.3	.3	67.7	20.3	6.3	5.6	NNE/28.9%
3	宜蘭海域(W)	744(100%)	5.1	3.3/WNW	12.1/NNE	16.0	75.9	8.1	.0	14.0	2.2	23.9	59.9	WNW/28.9%
4	花蓮海域(W)	744(100%)	4.5	3.1/NNE	13.3/NE	45.2	40.6	14.2	.0	56.5	3.4	14.5	25.7	NE /39.8%
5	臺東海域(Y)	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%
6	屏東海域(Y)	744(100%)	3.5	2.9/NNW	8.8/NW	50.4	48.4	1.2	.0	21.9	.9	4.6	72.6	NW /28.4%
7	高雄海域(W)	744(100%)	4.6	4.1/NNW	12.6/NNW	29.0	62.8	8.2	.0	30.8	.0	4.7	64.5	N /32.1%
8	嘉南海域(X)	744(100%)	8.8	8.6/N	18.1/N	2.6	37.2	54.2	6.0	52.3	.0	.5	47.2	N /80.4%
9	中雲海域(W)	744(100%)	14.6	14.4/NNE	28.3/NNE	9.1	11.8	20.7	58.3	93.5	1.2	1.3	3.9	NNE/71.6%
10	澎湖海域(Y)	744(100%)	12.8	12.6/NNE	19.0/NNE	.5	9.7	44.9	44.9	98.3	.0	.0	1.7	NNE/79.3%
11	金門海域(Y)	744(100%)	8.2	7.9/NE	14.4/NE	8.7	31.3	58.9	1.1	93.1	1.1	2.2	3.6	NE /42.9%
12	馬祖海域(Y)	744(100%)	10.1	9.8/NE	21.3/E	.1	8.7	90.7	.4	98.1	.4	.1	1.3	NE /48.3%

表 2.1a 2018 年 1 月 12 個海域主要測站 1 修補前風速及風向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	風速 平均值 (m/s)	平均風 風速/風向 (m/s)/(來向)	最疾風 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	北苗海域(X)													
2	北端海域(W)	744(100%)	4.4	2.8/NE	13.1/N	37.9	51.9	10.2	.0	54.0	17.3	9.8	18.8	NNE/16.7%
3	宜蘭海域(W)	278(37%)	5.3	2.7/NW	11.9/NNE	15.1	73.4	11.5	.0	14.0	10.8	16.5	58.6	WNW/29.5%
4	花蓮海域(W)	744(100%)	3.4	1.5/NNE	13.0/NE	59.9	34.7	5.4	.0	43.4	3.6	24.1	28.9	NE /27.0%
5	臺東海域(Y)	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%
6	屏東海域(Y)	711(96%)	3.5	2.7/NNW	10.3/N	47.3	51.8	1.0	.0	25.2	3.4	3.9	67.5	NW /23.9%
7	高雄海域(W)	744(100%)	4.4	3.8/NNW	12.7/N	30.1	64.5	5.4	.0	31.7	1.1	2.6	64.7	N /29.4%
8	嘉南海域(X)													
9	中雲海域(W)	744(100%)	12.9	12.5/NNE	26.4/NNE	7.1	13.2	33.1	46.6	93.4	2.7	2.0	1.9	NNE/67.3%
10	澎湖海域(Y)	744(100%)	11.1	11.0/NNE	17.2/NNE	1.7	12.2	68.1	17.9	97.2	1.2	.1	1.5	NNE/74.9%
11	金門海域(Y)	738(99%)	7.4	7.1/NE	14.6/NE	11.5	41.5	45.7	1.4	91.2	1.8	.8	6.2	NE /48.5%
12	馬祖海域(Y)													

表 2.1b 2018 年 1 月 12 個海域主要測站 1 修補後風速及風向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	風速 平均值 (m/s)	平均風 風速/風向 (m/s)/(來向)	最疾風 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	北苗海域(X)	744(100%)	7.4	6.5/NE	14.5/NE	11.7	41.9	45.7	.7	79.0	16.1	2.2	2.7	NE /45.2%
2	北端海域(W)	744(100%)	4.4	2.8/NE	13.1/N	38.0	51.7	10.2	.0	54.0	17.3	9.8	18.8	NNE/16.7%
3	宜蘭海域(W)	744(100%)	4.6	2.3/NW	11.9/NNE	29.2	63.0	7.8	.0	15.2	7.5	25.0	52.3	WNW/21.0%
4	花蓮海域(W)	744(100%)	3.4	1.5/NNE	13.0/NE	59.9	34.7	5.4	.0	43.5	3.6	24.1	28.8	NE /27.0%
5	臺東海域(Y)	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%
6	屏東海域(Y)	744(100%)	3.4	2.7/NNW	10.3/N	49.1	50.0	.9	.0	24.3	3.5	3.9	68.3	NW /23.4%
7	高雄海域(W)	744(100%)	4.4	3.8/NNW	12.7/N	30.1	64.5	5.4	.0	29.2	1.1	5.1	64.7	N /26.7%
8	嘉南海域(X)	744(100%)	8.4	8.2/N	20.3/N	3.5	45.3	43.4	7.8	57.0	.5	.9	41.5	N /73.4%
9	中雲海域(W)	744(100%)	12.9	12.5/NNE	26.4/NNE	7.1	13.2	33.1	46.6	93.4	2.7	2.0	1.9	NNE/67.3%
10	澎湖海域(Y)	744(100%)	11.1	11.0/NNE	17.2/NNE	1.7	12.2	68.3	17.7	97.2	1.2	.1	1.5	NNE/74.9%
11	金門海域(Y)	744(100%)	7.4	7.1/NE	14.6/NE	11.4	41.8	45.4	1.3	91.3	1.7	.8	6.2	NE /48.4%
12	馬祖海域(Y)	744(100%)	8.0	7.8/NE	13.4/NE	3.2	42.2	54.6	.0	97.0	.7	.3	2.0	NE /59.5%

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表 2.1a 2018 年 2 月 12 個海域主要測站 1 修補前風速及風向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	風速 平均值 (m/s)	平均風 風速/風向 (m/s)/(來向)	最疾風 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	北苗海域(X)													
2	北端海域(W)	672(100%)	4.7	3.4/NNE	12.5/N	38.7	44.2	17.1	.0	50.0	11.5	11.8	26.8	NNE/22.9%
3	宜蘭海域(W)													
4	花蓮海域(W)	632(94%)	3.5	1.3/NNE	11.2/NE	59.5	36.2	4.3	.0	38.1	9.2	26.7	25.9	NE /26.7%
5	臺東海域(Y)	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%
6	屏東海域(Y)	623(93%)	4.0	2.8/NNW	9.9/NW	35.0	62.1	2.9	.0	27.4	7.5	2.9	62.1	NNW/24.9%
7	高雄海域(W)	671(100%)	4.9	3.9/NNW	12.4/NNW	23.5	66.0	10.4	.0	32.6	3.3	4.6	59.5	N /32.3%
8	嘉南海域(X)													
9	中雲海域(W)	672(100%)	12.6	12.3/NNE	24.5/NNE	11.2	18.8	21.6	48.5	90.3	2.5	.9	6.3	NNE/59.4%
10	澎湖海域(Y)	672(100%)	10.0	9.8/NNE	16.5/NNE	10.1	19.8	48.8	21.3	93.6	1.9	.4	4.0	NNE/65.6%
11	金門海域(Y)	664(99%)	6.8	6.4/NE	13.7/NE	19.9	34.8	45.3	.0	87.5	5.6	2.3	4.7	NE /45.8%
12	馬祖海域(Y)													

表 2.1b 2018 年 2 月 12 個海域主要測站 1 修補後風速及風向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	風速 平均值 (m/s)	平均風 風速/風向 (m/s)/(來向)	最疾風 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	北苗海域(X)	672(100%)	7.3	6.5/NE	16.5/ESE	21.7	27.2	50.6	.4	77.4	13.8	4.3	4.5	NE /43.2%
2	北端海域(W)	672(100%)	4.7	3.4/NNE	12.5/N	38.7	44.2	17.1	.0	50.0	11.5	11.6	26.9	NNE/22.8%
3	宜蘭海域(W)	672(100%)	3.8	2.0/W	9.4/SE	45.1	54.2	.7	.0	14.4	6.5	49.6	29.5	WSW/30.1%
4	花蓮海域(W)	672(100%)	3.5	1.2/NNE	11.2/NE	60.1	35.9	4.0	.0	36.5	8.6	26.5	28.4	NE /25.3%
5	臺東海域(Y)	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%
6	屏東海域(Y)	672(100%)	3.8	2.7/NNW	9.9/NW	39.3	58.0	2.7	.0	26.3	7.4	3.4	62.8	NNW/24.9%
7	高雄海域(W)	672(100%)	4.9	3.9/NNW	12.4/NNW	23.7	65.9	10.4	.0	31.0	3.3	6.4	59.4	N /30.7%
8	嘉南海域(X)	672(100%)	8.3	7.9/N	17.4/N	4.2	43.5	45.4	7.0	67.0	.9	3.1	29.0	N /67.3%
9	中雲海域(W)	672(100%)	12.6	12.3/NNE	24.5/NNE	11.2	18.8	21.6	48.5	90.5	2.5	1.0	6.0	NNE/59.4%
10	澎湖海域(Y)	672(100%)	10.0	9.8/NNE	16.5/NNE	10.1	19.8	49.0	21.1	93.6	1.9	.4	4.0	NNE/65.6%
11	金門海域(Y)	672(100%)	6.8	6.3/NE	13.7/NE	20.2	34.8	44.9	.0	87.1	5.5	2.4	5.1	NE /45.7%
12	馬祖海域(Y)	672(100%)	7.5	6.9/NNE	13.0/N	10.4	35.9	53.7	.0	87.5	4.3	4.9	3.3	NNE/55.4%

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表 2.1a 2018 年 3 月 12 個海域主要測站 1 修補前風速及風向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	風速 平均值 (m/s)	平均風 風速/風向 (m/s)/(來向)	最疾風 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	北苗海域(X)	674(91%)	6.4	4.2/NE	17.5/NNE	27.9	36.1	34.0	2.1	50.6	27.2	8.6	13.6	NE /19.1%
2	北端海域(W)	744(100%)	3.8	1.7/NNE	12.1/NW	51.9	39.0	9.1	.0	33.7	29.0	15.6	21.6	N /14.1%
3	宜蘭海域(W)													
4	花蓮海域(W)	619(83%)	3.4	.6/NE	11.3/NE	59.3	35.7	5.0	.0	32.3	14.2	30.9	22.6	NE /18.3%
5	臺東海域(Y)	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%
6	屏東海域(Y)	677(91%)	3.6	1.5/NNW	11.5/SE	50.8	45.2	4.0	.0	27.8	17.4	6.4	48.4	NW /15.1%
7	高雄海域(W)	744(100%)	4.3	2.8/NNW	12.6/NNW	39.1	52.2	8.7	.0	31.5	6.3	7.1	55.1	NNW/17.1%
8	嘉南海域(X)	77(10%)	4.4	2.2/N	7.7/NNW	31.2	68.8	.0	.0	32.5	16.9	7.8	42.9	N /18.2%
9	中雲海域(W)	744(100%)	8.3	7.2/NNE	24.5/NNE	25.4	31.0	21.4	22.2	71.4	8.3	9.3	11.0	NNE/34.9%
10	澎湖海域(Y)	744(100%)	7.3	6.8/NNE	16.4/NNE	18.5	39.4	35.8	6.3	84.5	3.6	4.3	7.5	NNE/57.5%
11	金門海域(Y)	733(99%)	4.9	4.1/NE	15.1/NE	37.7	44.3	17.1	1.0	73.3	9.3	6.5	10.9	NE /27.6%
12	馬祖海域(Y)													

表 2.1b 2018 年 3 月 12 個海域主要測站 1 修補後風速及風向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	風速 平均值 (m/s)	平均風 風速/風向 (m/s)/(來向)	最疾風 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	北苗海域(X)	744(100%)	6.3	4.1/NE	17.5/NNE	29.2	36.6	32.4	1.9	50.0	28.0	8.9	13.2	NE /19.2%
2	北端海域(W)	744(100%)	3.8	1.7/NNE	12.1/NW	52.0	38.8	9.1	.0	33.7	28.9	15.7	21.6	N /14.1%
3	宜蘭海域(W)	744(100%)	3.8	.4/SSW	13.6/ENE	46.9	48.1	5.0	.0	19.9	24.1	42.1	14.0	WSW/22.7%
4	花蓮海域(W)	744(100%)	3.3	.4/NNE	11.3/NE	62.5	33.3	4.2	.0	29.8	12.1	31.6	26.5	NE /16.1%
5	臺東海域(Y)	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%
6	屏東海域(Y)	744(100%)	3.5	1.4/NNW	11.5/SE	54.3	42.1	3.6	.0	28.8	17.2	7.0	47.0	NW /14.4%
7	高雄海域(W)	744(100%)	4.3	2.8/NNW	12.6/NNW	39.1	52.2	8.7	.0	28.9	6.3	9.5	55.2	NNW/17.1%
8	嘉南海域(X)	744(100%)	6.1	4.9/N	22.2/N	23.1	52.8	16.9	7.1	49.1	6.0	9.9	34.9	N /40.6%
9	中雲海域(W)	744(100%)	8.3	7.2/NNE	24.5/NNE	25.4	31.2	21.2	22.2	71.2	8.3	9.9	10.5	NNE/34.9%
10	澎湖海域(Y)	744(100%)	7.3	6.8/NNE	16.4/NNE	18.5	39.4	35.8	6.3	84.5	3.6	4.3	7.5	NNE/57.5%
11	金門海域(Y)	744(100%)	4.9	4.2/NE	15.1/NE	37.5	44.5	17.1	.9	73.4	9.3	6.5	10.9	NE /27.6%
12	馬祖海域(Y)	744(100%)	6.2	5.0/NE	14.5/NE	12.1	66.5	21.2	.1	76.3	8.6	9.5	5.5	NNE/31.3%

表 2.1a 2018 年 4 月 12 個海域主要測站 1 修補前風速及風向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	風速 平均值 (m/s)	平均風 風速/風向 (m/s)/(來向)	最疾風 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	北苗海域(X)	682(95%)	4.8	2.4/ENE	16.9/NNE	45.3	34.3	19.1	1.3	34.9	38.1	13.8	13.2	NE /15.1%
2	北端海域(W)	720(100%)	3.1	1.3/ENE	11.5/NNE	60.8	36.0	3.2	.0	33.6	34.3	19.6	12.5	NNE/14.4%
3	宜蘭海域(W)													
4	花蓮海域(W)	191(27%)	3.0	1.2/S	9.6/SSE	68.6	28.8	2.6	.0	13.6	40.3	28.3	17.8	SSE/25.7%
5	臺東海域(Y)	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	屏東海域(Y)	656(91%)	3.4	.3/WSW	8.1/SE	54.0	45.1	.9	.0	17.4	29.0	15.7	38.0	NW /12.8%
7	高雄海域(W)	719(100%)	4.2	1.9/WNW	12.1/S	40.9	51.3	7.8	.0	18.5	10.2	18.8	52.6	NW /19.1%
8	嘉南海域(X)	682(95%)	4.6	2.5/NNW	19.4/N	36.2	51.3	11.1	1.3	35.3	5.3	16.9	42.5	NNE/18.2%
9	中雲海域(W)	720(100%)	6.0	3.7/NNE	26.6/NNE	42.5	29.9	15.3	12.4	48.1	8.1	25.3	18.6	NNE/24.4%
10	澎湖海域(Y)	710(99%)	5.2	3.9/NNE	17.2/NNE	44.4	29.7	22.0	3.9	58.9	7.0	17.2	16.9	NNE/38.5%
11	金門海域(Y)	710(99%)	4.5	2.5/NE	15.7/NE	42.3	42.1	14.8	.8	53.4	14.2	24.9	7.5	NE /22.4%
12	馬祖海域(Y)	280(39%)	4.6	2.5/NNE	9.4/ENE	23.9	69.6	6.4	.0	57.9	9.6	16.1	16.4	N /27.5%

表 2.1b 2018 年 4 月 12 個海域主要測站 1 修補後風速及風向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	風速 平均值 (m/s)	平均風 風速/風向 (m/s)/(來向)	最疾風 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	北苗海域(X)	720(100%)	4.8	2.4/ENE	16.9/NNE	45.0	34.7	18.9	1.4	34.4	38.1	14.3	13.2	NE /15.0%
2	北端海域(W)	720(100%)	3.1	1.3/ENE	11.5/NNE	61.1	35.7	3.2	.0	33.6	34.3	19.6	12.5	NNE/14.4%
3	宜蘭海域(W)	720(100%)	3.3	.9/S	11.6/NE	63.1	32.4	4.6	.0	14.0	23.8	44.9	17.4	WSW/26.0%
4	花蓮海域(W)	720(100%)	3.2	.5/SW	13.2/ENE	64.7	30.8	4.4	.0	22.8	18.1	32.2	26.9	WSW/15.8%
5	臺東海域(Y)	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	屏東海域(Y)	720(100%)	3.2	.3/WSW	8.1/SE	58.1	41.1	.8	.0	17.4	28.3	17.2	37.1	NW /12.4%
7	高雄海域(W)	720(100%)	4.2	1.9/WNW	12.1/S	41.0	51.3	7.8	.0	16.5	10.3	20.7	52.5	NW /19.0%
8	嘉南海域(X)	720(100%)	4.6	2.4/NNW	19.4/N	36.1	51.7	10.8	1.4	35.1	5.1	17.2	42.5	NNE/18.3%
9	中雲海域(W)	720(100%)	6.0	3.7/NNE	26.6/NNE	42.5	29.9	15.4	12.2	47.5	8.2	26.3	18.1	NNE/24.4%
10	澎湖海域(Y)	720(100%)	5.2	3.9/NNE	17.2/NNE	44.2	29.4	22.4	4.0	59.2	7.2	17.1	16.5	NNE/38.8%
11	金門海域(Y)	720(100%)	4.4	2.5/NE	15.7/NE	42.6	41.9	14.6	.8	52.8	14.2	25.7	7.4	NE /22.1%
12	馬祖海域(Y)	720(100%)	4.8	3.0/NNE	14.9/NE	25.7	66.5	7.6	.1	60.7	16.0	14.0	9.3	NNE/26.4%

表 2.1a 2018 年 5 月 12 個海域主要測站 1 修補前風速及風向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	風速 平均值 (m/s)	平均風 風速/風向 (m/s)/(來向)	最疾風 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	北苗海域(X)	734(99%)	4.7	.7/NW	15.1/ESE	48.8	29.8	21.0	.4	28.6	18.0	33.0	20.4	W /16.1%
2	北端海域(W)	744(100%)	2.5	1.0/NE	10.5/N	74.7	24.2	1.1	.0	40.7	19.2	19.8	20.3	NNE/14.1%
3	宜蘭海域(W)	392(53%)	4.0	1.8/SSE	12.1/SSE	54.8	32.1	13.0	.0	12.5	44.9	7.1	35.5	WNW/15.3%
4	花蓮海域(W)	744(100%)	3.0	1.1/S	8.9/SSE	66.0	32.5	1.5	.0	16.9	32.9	37.2	12.9	WSW/16.4%
5	臺東海域(Y)	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%
6	屏東海域(Y)	429(58%)	3.4	.9/SW	8.5/WNW	52.4	46.9	.7	.0	8.9	35.7	19.8	35.7	WNW/15.2%
7	高雄海域(W)	668(90%)	3.8	1.6/WSW	9.8/NW	43.1	52.8	4.0	.0	7.8	21.0	32.5	38.8	S /15.6%
8	嘉南海域(X)	174(23%)	4.5	1.1/WSW	10.1/S	25.9	67.8	6.3	.0	15.5	20.7	33.3	30.5	S /23.0%
9	中雲海域(W)	744(100%)	6.1	1.1/WSW	19.3/NNE	21.4	53.4	19.6	5.6	26.2	2.3	62.9	8.6	SSW/25.1%
10	澎湖海域(Y)	738(99%)	4.2	.1/SSW	14.1/NNE	46.5	41.2	12.1	.3	26.4	9.9	57.7	6.0	SSW/22.1%
11	金門海域(Y)	740(100%)	4.7	1.3/S	12.4/NE	26.9	62.3	10.8	.0	25.7	13.1	59.3	1.9	SSW/26.9%
12	馬祖海域(Y)	462(62%)	5.7	1.1/S	13.9/NE	25.5	48.3	26.0	.2	41.6	4.8	47.8	5.8	SSW/26.6%

表 2.1b 2018 年 5 月 12 個海域主要測站 1 修補後風速及風向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	風速	平均風	最疾風	輕風	和風	強風	疾風	風向	風向	風向	風向	主要風向 方向/百分比
			平均值 (m/s)	風速/風向 (m/s)/(來向)	風速/風向 (m/s)/(來向)	<3.3 (%)	~7.9 (%)	~13.8 (%)	>13.8 (%)	N~E (%)	E~S (%)	S~W (%)	W~N (%)	
1	北苗海域(X)	744(100%)	4.7	.7/NW	15.1/ESE	48.9	29.6	21.1	.4	28.8	18.0	33.1	20.2	W /16.0%
2	北端海域(W)	744(100%)	2.5	1.0/NE	10.5/N	74.7	24.2	1.1	.0	40.9	19.2	19.8	20.2	NNE/14.1%
3	宜蘭海域(W)	744(100%)	3.5	1.5/S	12.1/SSE	62.5	28.9	8.6	.0	11.3	36.0	24.3	28.4	SSE/15.2%
4	花蓮海域(W)	744(100%)	3.0	1.1/S	8.9/SSE	66.0	32.5	1.5	.0	16.9	32.9	37.2	12.9	WSW/16.5%
5	臺東海域(Y)	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%
6	屏東海域(Y)	744(100%)	3.4	.9/SW	13.9/NNE	56.5	41.5	1.9	.1	15.3	28.4	26.7	29.6	WNW/12.8%
7	高雄海域(W)	744(100%)	3.7	1.6/WSW	9.8/NW	45.7	50.5	3.8	.0	7.1	20.3	35.3	37.2	S /16.4%
8	嘉南海域(X)	744(100%)	4.0	2.1/WSW	10.6/SSW	40.3	55.2	4.4	.0	9.7	14.1	47.0	29.2	SSW/12.6%
9	中雲海域(W)	744(100%)	6.1	1.1/WSW	19.3/NNE	21.4	53.4	19.6	5.6	26.1	2.2	63.2	8.6	SSW/25.0%
10	澎湖海域(Y)	744(100%)	4.2	.1/SSW	14.1/NNE	46.6	41.0	12.1	.3	26.3	10.1	57.5	6.0	SSW/22.2%
11	金門海域(Y)	744(100%)	4.7	1.3/S	12.4/NE	27.0	62.2	10.8	.0	25.7	13.0	59.4	1.9	SSW/26.7%
12	馬祖海域(Y)	744(100%)	5.5	.9/SSW	13.9/NE	26.6	52.8	20.4	.1	42.2	7.0	46.1	4.7	SSW/19.5%

表 2.1a 2018 年 6 月 12 個海域主要測站 1 修補前風速及風向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	風速 平均值 (m/s)	平均風 風速/風向 (m/s)/(來向)	最疾風 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	北苗海域(X)	715(99%)	5.7	2.0/NNE	14.7/NNE	31.9	38.9	29.0	.3	49.0	16.1	27.0	8.0	NNE/20.3%
2	北端海域(W)	720(100%)	2.7	1.3/NE	10.7/N	70.8	28.5	.7	.0	45.1	20.6	15.1	19.2	NE /14.6%
3	宜蘭海域(W)	720(100%)	3.8	.3/WSW	12.4/SSE	49.2	42.8	8.1	.0	16.7	29.9	10.7	42.8	WNW/14.9%
4	花蓮海域(W)	720(100%)	2.9	.3/SE	14.5/S	70.6	28.2	1.1	.1	25.8	21.1	34.7	18.3	WSW/15.6%
5	臺東海域(Y)	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%
6	屏東海域(Y)	251(35%)	3.5	1.4/WNW	7.9/W	47.4	52.2	.4	.0	15.9	15.1	21.9	47.0	NW /19.1%
7	高雄海域(W)	277(39%)	3.9	2.2/WNW	11.9/WNW	43.3	51.6	5.1	.0	18.4	8.3	22.0	51.3	NW /19.5%
8	嘉南海域(X)	131(18%)	3.6	1.2/WSW	8.4/WNW	50.4	48.1	1.5	.0	9.2	26.0	37.4	27.5	ESE/13.7%
9	中雲海域(W)	720(100%)	7.5	1.9/NNE	23.7/NNE	17.9	41.8	29.3	11.0	45.4	7.6	40.3	6.7	NNE/30.1%
10	澎湖海域(Y)	707(98%)	5.0	1.6/NE	14.2/NNE	35.2	47.1	17.3	.4	48.5	17.1	29.6	4.8	NNE/31.8%
11	金門海域(Y)	713(99%)	6.2	1.8/E	14.5/SSW	8.6	67.3	23.8	.3	54.3	7.2	38.0	.6	NE /24.0%
12	馬祖海域(Y)	672(93%)	7.1	1.3/NE	14.4/SSW	6.1	59.1	34.4	.4	59.2	6.8	32.6	1.3	NNE/26.8%

表 2.1b 2018 年 6 月 12 個海域主要測站 1 修補後風速及風向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	風速 平均值 (m/s)	平均風 風速/風向 (m/s)/(來向)	最疾風 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	北苗海域(X)	720(100%)	5.7	2.1/NNE	14.7/NNE	31.8	38.8	29.2	.3	49.0	16.1	26.8	8.1	NNE/20.3%
2	北端海域(W)	720(100%)	2.7	1.3/NE	10.7/N	70.8	28.5	.7	.0	45.1	20.6	15.0	19.3	NE /14.6%
3	宜蘭海域(W)	720(100%)	3.8	.3/WSW	12.4/SSE	49.3	42.6	8.1	.0	16.7	29.9	10.6	42.9	WNW/14.9%
4	花蓮海域(W)	720(100%)	2.9	.3/SE	14.5/S	70.6	28.2	1.1	.1	25.8	21.1	34.7	18.3	WSW/15.7%
5	臺東海域(Y)	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%
6	屏東海域(Y)	720(100%)	4.5	1.4/S	22.5/SSE	43.8	45.3	8.8	2.2	19.7	29.2	25.4	25.7	S /11.0%
7	高雄海域(W)	720(100%)	4.5	1.2/SSW	20.7/SSW	43.1	44.3	11.0	1.7	17.4	25.6	26.4	30.7	S /11.1%
8	嘉南海域(X)	720(100%)	4.5	.7/WSW	16.1/NNE	35.6	57.9	6.0	.6	9.6	32.2	33.1	25.1	SE /13.6%
9	中雲海域(W)	720(100%)	7.5	1.9/NNE	23.7/NNE	17.9	41.8	29.3	11.0	45.4	7.5	40.3	6.8	NNE/30.1%
10	澎湖海域(Y)	720(100%)	5.0	1.7/NE	14.2/NNE	35.1	47.2	17.2	.4	48.5	16.8	29.3	5.4	NNE/31.8%
11	金門海域(Y)	720(100%)	6.2	1.8/E	14.5/SSW	8.9	67.2	23.6	.3	54.2	7.1	38.2	.6	NE /24.2%
12	馬祖海域(Y)	720(100%)	6.9	1.1/ENE	14.4/SSW	10.3	56.7	32.6	.4	57.6	8.1	32.2	2.1	NNE/25.1%

表 2.1a 2018 年 7 月 12 個海域主要測站 1 修補前風速及風向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	風速 平均值 (m/s)	平均風 風速/風向 (m/s)/(來向)	最疾風 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	北苗海域(X)	734(99%)	6.4	1.1/S	22.3/WSW	28.2	35.1	34.5	2.2	19.3	31.7	37.2	11.7	SW /16.3%
2	北端海域(W)	744(100%)	3.5	1.1/SE	14.9/NNW	57.8	35.9	6.2	.1	17.6	37.1	32.0	13.3	SE /14.9%
3	宜蘭海域(W)	744(100%)	4.4	2.6/S	15.0/SSE	46.0	39.8	13.7	.5	6.9	53.1	11.3	28.8	SSE/27.7%
4	花蓮海域(W)	744(100%)	2.6	.8/S	11.6/S	78.0	20.4	1.6	.0	15.1	30.5	41.5	12.9	WSW/18.4%
5	臺東海域(Y)	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%
6	屏東海域(Y)													
7	高雄海域(W)													
8	嘉南海域(X)	729(98%)	4.2	.5/SW	15.3/WSW	40.2	53.8	5.9	.1	12.6	35.7	25.9	25.8	ESE/17.8%
9	中雲海域(W)	744(100%)	5.3	1.7/SSW	19.8/NNE	36.6	37.8	23.1	2.6	17.2	18.4	45.8	18.5	SSW/18.1%
10	澎湖海域(Y)	744(100%)	3.5	1.0/SSW	11.6/WSW	50.3	46.8	3.0	.0	17.9	18.3	43.5	20.3	S /21.2%
11	金門海域(Y)	724(97%)	5.3	1.1/SSW	12.4/NE	24.0	57.6	18.4	.0	32.9	6.9	54.6	5.7	SW /25.8%
12	馬祖海域(Y)	688(93%)	6.1	1.5/S	24.6/S	14.5	63.8	19.8	1.9	35.6	13.5	46.9	3.9	SSW/20.2%

表 2.1b 2018 年 7 月 12 個海域主要測站 1 修補後風速及風向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	風速		平均風		最疾風		輕風	和風	強風	疾風	風向	風向	風向	風向	主要風向 方向/百分比
			平均值 (m/s)	風速/風向 (m/s)/(來向)	風速/風向 (m/s)/(來向)	<3.3 (%)	~7.9 (%)	~13.8 (%)	>13.8 (%)	N~E (%)	E~S (%)	S~W (%)	W~N (%)				
1	北苗海域(X)	744(100%)	6.4	1.1/S	22.3/WSW	28.5	34.8	34.5	2.2	19.1	32.0	37.4	11.6	SW /16.3%			
2	北端海域(W)	744(100%)	3.5	1.1/SE	14.9/NNW	57.9	35.8	6.2	.1	17.7	37.1	32.0	13.2	SE /14.8%			
3	宜蘭海域(W)	744(100%)	4.4	2.6/S	15.0/SSE	46.0	39.8	13.7	.5	6.9	53.1	11.3	28.8	SSE/27.7%			
4	花蓮海域(W)	744(100%)	2.6	.8/S	11.6/S	78.0	20.4	1.6	.0	15.1	30.2	41.8	12.9	WSW/18.5%			
5	臺東海域(Y)	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%			
6	屏東海域(Y)	744(100%)	2.8	.7/WNW	8.8/SSE	68.7	31.0	.3	.0	39.1	15.1	21.9	23.9	NNE/19.6%			
7	高雄海域(W)	744(100%)	3.9	1.2/NW	14.8/SSE	46.9	48.8	4.2	.1	33.3	13.0	15.7	37.9	NE /14.1%			
8	嘉南海域(X)	744(100%)	4.2	.5/SW	15.3/WSW	39.9	53.9	6.0	.1	12.9	35.3	26.1	25.7	ESE/17.5%			
9	中雲海域(W)	744(100%)	5.3	1.7/SSW	19.8/NNE	36.6	37.8	23.1	2.6	17.2	18.4	46.0	18.4	SSW/18.0%			
10	澎湖海域(Y)	744(100%)	3.5	1.0/SSW	11.6/WSW	50.3	46.8	3.0	.0	17.9	18.3	43.5	20.3	S /21.2%			
11	金門海域(Y)	744(100%)	5.3	1.1/SSW	12.4/NE	24.2	57.9	17.9	.0	32.3	7.0	55.0	5.8	SW /25.7%			
12	馬祖海域(Y)	744(100%)	5.9	1.5/S	24.6/S	18.5	61.3	18.4	1.7	33.2	14.8	47.7	4.3	SSW/19.2%			

表 2.1a 2018 年 8 月 12 個海域主要測站 1 修補前風速及風向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	風速 平均值 (m/s)	平均風 風速/風向 (m/s)/(來向)	最疾風 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	北苗海域(X)	741(100%)	4.2	.6/W	12.4/WSW	46.4	40.9	12.7	.0	21.7	26.0	35.5	16.7	SW /10.3%
2	北端海域(W)	744(100%)	2.6	.6/SE	8.1/SSE	73.0	26.9	.1	.0	23.4	26.6	36.3	13.7	SSW/14.5%
3	宜蘭海域(W)	744(100%)	4.2	2.0/S	13.5/S	48.0	39.2	12.8	.0	9.5	43.3	11.3	35.9	SSE/19.2%
4	花蓮海域(W)	725(97%)	2.9	1.0/SSW	12.4/SSW	70.8	27.0	2.2	.0	10.2	27.4	46.2	16.1	WSW/17.0%
5	臺東海域(Y)	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%
6	屏東海域(Y)	608(82%)	4.6	1.6/SSW	17.8/W	35.4	50.5	13.8	.3	23.4	30.6	29.9	16.1	SSE/10.2%
7	高雄海域(W)													
8	嘉南海域(X)	735(99%)	5.2	2.5/SSE	24.0/WSW	26.8	58.8	13.1	1.4	7.2	54.6	24.6	13.6	ESE/21.2%
9	中雲海域(W)	744(100%)	5.2	3.1/SSW	16.2/SSW	30.6	48.8	19.6	.9	12.9	18.1	55.6	13.3	SSW/26.5%
10	澎湖海域(Y)	739(99%)	4.0	2.1/S	13.5/WNW	44.4	45.7	9.9	.0	10.8	38.4	36.0	14.7	S /23.7%
11	金門海域(Y)	736(99%)	3.9	1.8/S	10.1/S	39.5	57.2	3.3	.0	20.1	24.3	45.7	9.9	SW /16.6%
12	馬祖海域(Y)	683(92%)	5.1	1.7/SSE	16.3/NNE	32.2	48.2	19.0	.6	27.8	25.8	38.9	7.5	SSW/17.6%

表 2.1b 2018 年 8 月 12 個海域主要測站 1 修補後風速及風向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	風速 平均值 (m/s)	平均風 風速/風向 (m/s)/(來向)	最疾風 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	北苗海域(X)	744(100%)	4.2	.6/W	12.4/WSW	46.2	41.0	12.8	.0	21.9	25.8	35.6	16.7	SW /10.2%
2	北端海域(W)	744(100%)	2.6	.6/SE	8.1/SSE	73.0	26.9	.1	.0	23.5	26.6	36.3	13.6	SSW/14.7%
3	宜蘭海域(W)	744(100%)	4.2	2.0/S	13.5/S	48.0	39.2	12.8	.0	9.5	43.3	11.2	36.0	SSE/19.1%
4	花蓮海域(W)	744(100%)	2.9	1.0/SSW	12.4/SSW	70.6	27.3	2.2	.0	9.9	27.8	45.3	16.9	W /16.9%
5	臺東海域(Y)	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%
6	屏東海域(Y)	744(100%)	4.2	1.2/SSW	17.8/W	43.7	44.8	11.3	.3	26.6	27.3	26.2	19.9	NE / 9.4%
7	高雄海域(W)	744(100%)	4.5	.7/SSE	13.8/SSE	33.9	57.7	8.5	.0	29.6	30.4	19.1	21.0	SSE/13.3%
8	嘉南海域(X)	744(100%)	5.2	2.5/SSE	24.0/WSW	26.7	58.7	13.2	1.3	7.1	54.7	24.6	13.6	ESE/21.1%
9	中雲海域(W)	744(100%)	5.2	3.1/SSW	16.2/SSW	30.6	48.9	19.5	.9	12.6	17.9	56.3	13.2	SSW/26.5%
10	澎湖海域(Y)	744(100%)	4.0	2.1/S	13.5/WNW	44.2	46.0	9.8	.0	10.8	38.7	35.9	14.7	S /23.5%
11	金門海域(Y)	744(100%)	3.9	1.7/S	10.1/S	39.8	57.0	3.2	.0	20.0	24.3	45.3	10.3	SW /16.4%
12	馬祖海域(Y)	744(100%)	4.9	1.7/SSE	16.3/NNE	36.4	45.6	17.5	.5	27.0	27.4	37.6	7.9	SSW/16.9%

表 2.1a 2018 年 9 月 12 個海域主要測站 1 修補前風速及風向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	風速 平均值 (m/s)	平均風 風速/風向 (m/s)/(來向)	最疾風 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	北苗海域(X)	711(99%)	6.6	3.3/NE	16.5/ESE	30.5	33.1	32.3	4.1	42.8	25.2	17.9	14.2	NNE/15.6%
2	北端海域(W)	720(100%)	4.6	1.9/NE	12.7/N	49.2	30.7	20.1	.0	34.3	30.6	17.9	17.2	N /16.1%
3	宜蘭海域(W)	720(100%)	5.0	1.1/SSW	20.8/SSE	33.2	51.3	14.2	1.4	8.9	40.4	6.5	44.2	SSE/20.3%
4	花蓮海域(W)	720(100%)	3.2	.0/NNE	12.1/ENE	65.0	31.1	3.9	.0	23.8	23.2	38.1	15.0	WSW/16.5%
5	臺東海域(Y)	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%
6	屏東海域(Y)	606(84%)	3.5	.6/NNW	10.8/SE	57.1	37.0	5.9	.0	26.2	19.5	11.9	42.4	WNW/14.2%
7	高雄海域(W)													
8	嘉南海域(X)	713(99%)	4.9	2.9/N	16.4/NNE	37.9	46.0	14.0	2.1	34.8	14.4	13.2	37.6	NNE/16.7%
9	中雲海域(W)	720(100%)	8.2	5.7/NNE	23.8/NNE	33.8	25.8	13.5	26.9	55.3	7.6	23.1	14.0	NNE/38.2%
10	澎湖海域(Y)	708(98%)	6.4	4.9/N	14.8/NNE	37.4	25.8	33.5	3.2	51.3	9.0	20.8	18.9	N /42.1%
11	金門海域(Y)	696(97%)	5.6	2.9/NE	14.9/NE	26.3	49.6	23.0	1.1	58.8	10.6	26.7	3.9	NE /21.8%
12	馬祖海域(Y)	642(89%)	7.7	4.7/NNE	14.5/NE	16.8	34.9	47.0	1.2	70.4	7.9	18.1	3.6	NNE/32.2%

表 2.1b 2018 年 9 月 12 個海域主要測站 1 修補後風速及風向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	風速 平均值 (m/s)	平均風 風速/風向 (m/s)/(來向)	最疾風 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	北苗海域(X)	720(100%)	6.5	3.3/NE	16.5/ESE	31.0	32.8	32.1	4.2	42.5	25.3	17.9	14.3	NNE/15.6%
2	北端海域(W)	720(100%)	4.6	1.9/NE	12.7/N	49.3	30.6	20.1	.0	34.3	30.6	17.9	17.2	N /16.1%
3	宜蘭海域(W)	720(100%)	5.0	1.1/SSW	20.8/SSE	33.5	51.3	13.9	1.4	8.9	40.4	6.4	44.3	SSE/20.1%
4	花蓮海域(W)	720(100%)	3.2	.0/NNE	12.1/ENE	65.0	31.1	3.9	.0	23.8	23.2	38.1	15.0	WSW/16.7%
5	臺東海域(Y)	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%
6	屏東海域(Y)	720(100%)	3.4	.3/NNW	10.8/SE	59.6	35.0	5.4	.0	26.7	22.4	12.6	38.3	WNW/12.8%
7	高雄海域(W)	720(100%)	4.2	1.8/NNW	15.4/NW	49.7	38.8	11.0	.6	30.7	13.1	12.8	43.5	NW /18.2%
8	嘉南海域(X)	720(100%)	4.9	2.9/N	16.4/NNE	37.8	46.1	14.0	2.1	35.3	14.4	13.1	37.2	NNE/17.1%
9	中雲海域(W)	720(100%)	8.2	5.7/NNE	23.8/NNE	33.8	26.0	13.3	26.9	54.2	7.2	25.4	13.2	NNE/37.8%
10	澎湖海域(Y)	720(100%)	6.3	4.8/N	14.8/NNE	38.5	25.4	32.9	3.2	50.4	9.7	21.3	18.6	N /41.4%
11	金門海域(Y)	720(100%)	5.6	2.9/NE	14.9/NE	26.7	48.9	23.1	1.4	58.3	11.1	26.5	4.0	NE /21.9%
12	馬祖海域(Y)	720(100%)	7.7	5.0/NNE	15.0/NE	17.6	33.6	47.1	1.7	72.5	7.9	16.3	3.3	NNE/31.1%

表 2.1a 2018 年 10 月 12 個海域主要測站 1 修補前風速及風向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	風速 平均值 (m/s)	平均風 風速/風向 (m/s)/(來向)	最疾風 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	北苗海域(X)	733(99%)	7.5	6.7/NE	15.9/N	10.6	41.9	45.4	2.0	84.2	7.6	3.3	4.9	NE /42.6%
2	北端海域(W)	744(100%)	4.7	3.9/NNE	12.9/N	29.0	59.9	11.0	.0	73.9	7.4	8.9	9.8	NNE/28.9%
3	宜蘭海域(W)	744(100%)	4.5	3.2/NW	10.6/NW	24.5	70.0	5.5	.0	14.4	4.0	15.1	66.5	WNW/25.0%
4	花蓮海域(W)	744(100%)	3.8	2.0/NE	12.3/ENE	53.8	38.4	7.8	.0	49.6	4.2	14.5	31.7	NE /21.1%
5	臺東海域(Y)	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%
6	屏東海域(Y)	623(84%)	3.1	1.9/NW	10.6/NNW	64.2	32.6	3.2	.0	16.9	9.1	19.3	54.7	NW /19.4%
7	高雄海域(W)													
8	嘉南海域(X)	730(98%)	5.4	4.7/N	16.5/N	22.1	62.3	14.4	1.2	58.1	3.2	3.6	35.2	NNE/33.3%
9	中雲海域(W)	744(100%)	12.5	12.4/NNE	23.1/NNE	5.1	15.3	35.8	43.8	96.2	.8	.9	2.0	NNE/66.8%
10	澎湖海域(Y)	743(100%)	10.0	9.8/NNE	17.0/NNE	3.2	19.7	68.5	8.6	91.3	.0	.3	8.5	NNE/62.7%
11	金門海域(Y)	726(98%)	7.1	6.5/NE	13.3/NE	9.6	49.7	40.6	.0	91.6	1.0	3.4	4.0	NE /43.0%
12	馬祖海域(Y)	734(99%)	8.3	7.7/NE	14.5/NNE	6.1	34.1	59.1	.7	91.4	2.2	.5	5.9	NE /38.0%

表2.1b 2018年10月12個海域主要測站1修補後風速及風向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	風速 平均值 (m/s)	平均風 風速/風向 (m/s)/(來向)	最疾風 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	北苗海域(X)	744(100%)	7.5	6.7/NE	15.9/N	10.5	42.2	45.3	2.0	84.3	7.5	3.2	5.0	NE /42.7%
2	北端海域(W)	744(100%)	4.7	3.9/NNE	12.9/N	29.0	59.9	11.0	.0	73.9	7.4	8.9	9.8	NNE/28.8%
3	宜蘭海域(W)	744(100%)	4.5	3.2/NW	10.6/NW	24.5	70.0	5.5	.0	14.4	4.0	15.1	66.5	WNW/25.0%
4	花蓮海域(W)	744(100%)	3.8	2.0/NE	12.3/ENE	53.8	38.4	7.8	.0	49.7	4.2	14.5	31.6	NE /21.1%
5	臺東海域(Y)	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%
6	屏東海域(Y)	744(100%)	2.8	1.6/NW	10.6/NNW	70.2	27.2	2.7	.0	21.8	9.0	19.8	49.5	NW /16.8%
7	高雄海域(W)	744(100%)	3.9	3.0/NNW	15.8/NNW	49.7	44.0	6.0	.3	27.3	2.7	11.2	58.9	NNW/21.0%
8	嘉南海域(X)	744(100%)	5.4	4.7/N	16.5/N	22.0	62.1	14.7	1.2	58.1	3.4	3.6	34.9	NNE/33.6%
9	中雲海域(W)	744(100%)	12.5	12.4/NNE	23.1/NNE	5.1	15.3	35.9	43.7	96.2	.8	.9	2.0	NNE/66.8%
10	澎湖海域(Y)	744(100%)	10.0	9.8/NNE	17.0/NNE	3.2	19.6	68.4	8.7	91.3	.0	.3	8.5	NNE/62.6%
11	金門海域(Y)	744(100%)	7.1	6.6/NE	13.3/NE	9.5	49.9	40.6	.0	91.8	.9	3.4	3.9	NE /42.7%
12	馬祖海域(Y)	744(100%)	8.3	7.7/NE	14.5/NNE	6.7	34.1	58.5	.7	90.9	2.3	.7	6.2	NE /37.8%

表 2.1a 2018 年 11 月 12 個海域主要測站 1 修補前風速及風向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	風速 平均值 (m/s)	平均風 風速/風向 (m/s)/(來向)	最疾風 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	北苗海域(X)	711(99%)	7.0	5.4/NE	15.3/NE	20.3	37.1	41.1	1.5	67.9	16.7	7.5	7.9	NE /33.9%
2	北端海域(W)	720(100%)	3.8	2.5/NE	11.6/N	48.6	44.6	6.8	.0	51.9	22.1	8.5	17.5	NNE/17.9%
3	宜蘭海域(W)	720(100%)	3.6	1.0/WNW	10.9/ENE	51.8	44.2	4.0	.0	14.2	15.7	21.3	48.9	W /20.7%
4	花蓮海域(W)	720(100%)	3.2	1.0/N	11.1/ENE	63.5	33.8	2.8	.0	31.9	9.9	24.7	33.5	NE /16.0%
5	臺東海域(Y)	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%
6	屏東海域(Y)	592(82%)	3.0	2.0/NNW	7.8/N	64.2	35.8	.0	.0	26.2	5.9	8.8	59.1	NW /26.0%
7	高雄海域(W)													
8	嘉南海域(X)	716(99%)	5.3	4.8/N	14.1/NNE	19.8	67.9	12.2	.1	60.8	1.8	1.7	35.8	NNE/36.2%
9	中雲海域(W)	720(100%)	9.4	9.0/NNE	25.3/NNE	19.3	24.2	34.7	21.8	86.5	3.2	3.8	6.5	NNE/52.2%
10	澎湖海域(Y)	720(100%)	8.7	8.4/NNE	18.1/NNE	5.6	31.7	56.0	6.8	91.7	1.9	.0	6.4	NNE/62.5%
11	金門海域(Y)	701(97%)	6.2	5.9/NE	15.9/NE	16.1	56.9	25.4	1.6	90.4	4.3	1.6	3.7	NE /48.9%
12	馬祖海域(Y)	672(93%)	8.8	8.4/NNE	14.6/NE	2.2	29.6	67.9	.3	94.8	.3	.9	4.0	NNE/53.9%

表 2.1b 2018 年 11 月 12 個海域主要測站 1 修補後風速及風向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	風速	平均風	最疾風	輕風	和風	強風	疾風	風向	風向	風向	風向	主要風向 方向/百分比
			平均值 (m/s)	風速/風向 (m/s)/(來向)	風速/風向 (m/s)/(來向)	<3.3 (%)	~7.9 (%)	~13.8 (%)	>13.8 (%)	N~E (%)	E~S (%)	S~W (%)	W~N (%)	
1	北苗海域(X)	720(100%)	7.0	5.4/NE	15.3/NE	20.1	37.1	41.3	1.5	68.2	16.5	7.5	7.8	NE /33.9%
2	北端海域(W)	720(100%)	3.8	2.5/NE	11.6/N	48.6	44.6	6.8	.0	51.9	22.1	8.5	17.5	NNE/17.9%
3	宜蘭海域(W)	720(100%)	3.6	1.0/WNW	10.9/ENE	51.8	44.2	4.0	.0	14.3	15.7	21.3	48.8	W /20.7%
4	花蓮海域(W)	720(100%)	3.2	1.0/N	11.1/ENE	63.5	33.8	2.8	.0	31.9	9.7	24.9	33.5	NE /16.0%
5	臺東海域(Y)	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%
6	屏東海域(Y)	720(100%)	2.7	1.9/NNW	7.8/N	70.6	29.4	.0	.0	23.6	5.1	8.2	63.1	NW /23.5%
7	高雄海域(W)	720(100%)	4.3	3.9/NNW	11.1/N	36.7	57.2	6.1	.0	32.1	.6	3.3	64.0	NNW/34.2%
8	嘉南海域(X)	720(100%)	5.3	4.8/N	14.1/NNE	19.7	68.1	12.1	.1	60.4	1.9	1.7	36.0	NNE/36.0%
9	中雲海域(W)	720(100%)	9.4	9.0/NNE	25.3/NNE	19.6	23.9	34.9	21.7	86.5	3.2	3.8	6.5	NNE/52.2%
10	澎湖海域(Y)	720(100%)	8.7	8.4/NNE	18.1/NNE	5.7	31.5	56.1	6.7	91.7	1.9	.0	6.4	NNE/62.5%
11	金門海域(Y)	720(100%)	6.2	5.9/NE	15.9/NE	15.8	57.2	25.4	1.5	90.4	4.2	1.5	3.9	NE /49.0%
12	馬祖海域(Y)	720(100%)	8.6	8.3/NNE	14.6/NE	2.9	31.5	65.3	.3	94.3	.8	1.0	3.9	NNE/54.0%

表 2.1a 2018 年冬季 12 個海域主要測站 1 修補前風速及風向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	風速 平均值 (m/s)	平均風 風速/風向 (m/s)/(來向)	最疾風 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	北苗海域(X)	60(3%)	7.2	4.7/NE	14.8/NE	20.0	41.7	30.0	8.3	63.3	5.0	23.3	8.3	NE /43.3%
2	北端海域(W)	2160(100%)	4.9	3.4/NNE	14.1/N	34.4	49.0	16.5	.1	57.5	16.5	9.2	16.8	NNE/22.8%
3	宜蘭海域(W)	808(37%)	5.2	3.1/NW	12.1/NNE	16.1	73.0	10.9	.0	15.1	5.7	15.8	63.4	WNW/31.1%
4	花蓮海域(W)	2120(98%)	3.8	2.0/NNE	13.3/NE	54.6	37.2	8.2	.0	46.4	5.2	21.5	26.9	NE /31.4%
5	臺東海域(Y)	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%
6	屏東海域(Y)													
7	高雄海域(W)	2158(100%)	4.6	4.0/NNW	12.7/N	27.6	64.4	8.0	.0	32.3	1.4	3.3	63.0	N /31.9%
8	嘉南海域(X)													
9	中雲海域(W)	2160(100%)	13.4	13.1/NNE	28.3/NNE	9.1	14.4	25.2	51.3	92.5	2.1	1.4	3.9	NNE/66.3%
10	澎湖海域(Y)	2160(100%)	11.3	11.2/NNE	19.0/NNE	3.9	13.7	54.1	28.3	96.4	1.0	.2	2.4	NNE/73.5%
11	金門海域(Y)	2137(99%)	7.5	7.1/NE	14.6/NE	13.1	35.9	50.2	.8	90.8	2.7	1.6	4.9	NE /45.8%
12	馬祖海域(Y)	126(6%)	10.3	9.9/NE	21.3/E	.0	4.8	94.4	.8	99.2	.8	.0	.0	NNE/49.2%

表 2.1b 2018 年冬季 12 個海域主要測站 1 修補後風速及風向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	風速 平均值 (m/s)	平均風 風速/風向 (m/s)/(來向)	最疾風 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	北苗海域(X)	2160(100%)	8.1	7.3/NE	16.6/NE	12.8	31.7	51.3	4.2	80.7	13.8	2.9	2.6	NE /48.1%
2	北端海域(W)	2160(100%)	4.9	3.4/NNE	14.1/N	34.4	48.9	16.5	.1	57.5	16.5	9.2	16.8	NNE/22.8%
3	宜蘭海域(W)	2160(100%)	4.5	2.5/WNW	12.1/NNE	29.6	64.7	5.7	.0	14.5	5.4	32.3	47.8	WNW/20.7%
4	花蓮海域(W)	2160(100%)	3.8	1.9/NNE	13.3/NE	54.9	37.1	8.0	.0	45.8	5.1	21.5	27.6	NE /30.9%
5	臺東海域(Y)	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%
6	屏東海域(Y)	2160(100%)	3.6	2.8/NNW	10.3/N	46.5	51.9	1.6	.0	24.1	3.8	4.0	68.1	NW /24.3%
7	高雄海域(W)	2160(100%)	4.6	4.0/NNW	12.7/N	27.7	64.4	7.9	.0	30.3	1.4	5.4	63.0	N /29.8%
8	嘉南海域(X)	2160(100%)	8.5	8.2/N	20.3/N	3.4	41.9	47.7	6.9	58.5	.5	1.5	39.6	N /73.9%
9	中雲海域(W)	2160(100%)	13.4	13.1/NNE	28.3/NNE	9.1	14.4	25.2	51.3	92.5	2.1	1.5	3.8	NNE/66.3%
10	澎湖海域(Y)	2160(100%)	11.3	11.2/NNE	19.0/NNE	3.9	13.7	54.2	28.1	96.4	1.0	.2	2.4	NNE/73.5%
11	金門海域(Y)	2160(100%)	7.5	7.1/NE	14.6/NE	13.2	36.0	49.9	.8	90.6	2.7	1.8	5.0	NE /45.6%
12	馬祖海域(Y)	2160(100%)	8.6	8.2/NE	21.3/E	4.4	28.7	66.8	.1	94.4	1.7	1.7	2.2	NE /42.1%

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表 2.1a 2018年春季 12個海域主要測站 1修補前風速及風向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	風速 平均值 (m/s)	平均風 風速/風向 (m/s)/(來向)	最疾風 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	北苗海域(X)	2090(95%)	5.3	2.1/NE	17.5/NNE	40.9	33.3	24.5	1.2	37.8	27.5	18.9	15.9	NE /16.5%
2	北端海域(W)	2208(100%)	3.1	1.3/NE	12.1/NW	62.5	33.0	4.5	.0	36.1	27.4	18.3	18.2	NNE/13.3%
3	宜蘭海域(W)	392(18%)	4.0	1.8/SSE	12.1/SSE	54.8	32.1	13.0	.0	12.5	44.9	7.1	35.5	WNW/15.3%
4	花蓮海域(W)	1554(70%)	3.2	.5/SSE	11.3/NE	63.6	33.3	3.0	.0	22.7	26.4	33.6	17.4	WSW/15.6%
5	臺東海域(Y)	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%
6	屏東海域(Y)													
7	高雄海域(W)	2131(97%)	4.1	1.8/NW	12.6/NNW	41.0	52.1	6.9	.0	19.7	12.2	19.0	49.1	NW /17.0%
8	嘉南海域(X)	933(42%)	4.6	2.0/NNW	19.4/N	33.9	55.8	9.3	1.0	31.4	9.1	19.2	40.3	NNE/15.9%
9	中雲海域(W)	2208(100%)	6.8	3.3/NNE	26.6/NNE	29.6	38.2	18.8	13.4	48.6	6.2	32.6	12.7	NNE/24.6%
10	澎湖海域(Y)	2192(99%)	5.5	3.5/NNE	17.2/NNE	36.3	36.9	23.3	3.5	56.7	6.8	26.5	10.0	NNE/37.0%
11	金門海域(Y)	2183(99%)	4.7	2.0/ENE	15.7/NE	35.5	49.7	14.2	.6	50.7	12.2	30.4	6.7	NE /21.8%
12	馬祖海域(Y)	742(34%)	5.3	.5/ENE	13.9/NE	24.9	56.3	18.6	.1	47.7	6.6	35.8	9.8	SSW/18.3%

表2.1b 2018年春季12個海域主要測站1修補後風速及風向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	風速 平均值 (m/s)	平均風 風速/風向 (m/s)/(來向)	最疾風 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	北苗海域(X)	2208(100%)	5.2	2.1/NE	17.5/NNE	41.0	33.6	24.2	1.2	37.8	27.9	18.8	15.5	NE /16.6%
2	北端海域(W)	2208(100%)	3.1	1.3/NE	12.1/NW	62.6	32.9	4.5	.0	36.1	27.4	18.3	18.2	NNE/13.3%
3	宜蘭海域(W)	2208(100%)	3.5	.9/S	13.6/ENE	57.4	36.5	6.1	.0	15.1	28.0	37.0	19.9	WSW/19.2%
4	花蓮海域(W)	2208(100%)	3.2	.4/S	13.2/ENE	64.4	32.2	3.4	.0	23.2	21.1	33.7	22.1	WSW/15.4%
5	臺東海域(Y)	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%
6	屏東海域(Y)	2208(100%)	3.4	.5/WNW	13.9/NNE	56.3	41.6	2.1	.0	20.5	24.6	17.0	37.9	WNW/11.4%
7	高雄海域(W)	2208(100%)	4.1	1.7/NW	12.6/NNW	41.9	51.3	6.7	.0	17.5	12.3	21.9	48.3	NW /16.7%
8	嘉南海域(X)	2208(100%)	4.9	2.4/NNW	22.2/N	33.2	53.3	10.7	2.9	31.3	8.5	24.8	35.5	N /20.9%
9	中雲海域(W)	2208(100%)	6.8	3.3/NNE	26.6/NNE	29.6	38.2	18.8	13.4	48.3	6.2	33.2	12.3	NNE/24.6%
10	澎湖海域(Y)	2208(100%)	5.5	3.5/NNE	17.2/NNE	36.4	36.7	23.4	3.5	56.7	7.0	26.4	10.0	NNE/37.0%
11	金門海域(Y)	2208(100%)	4.7	2.0/ENE	15.7/NE	35.6	49.6	14.1	.6	50.6	12.1	30.6	6.7	NE /21.7%
12	馬祖海域(Y)	2208(100%)	5.5	2.4/NE	14.9/NE	21.4	61.9	16.5	.1	59.7	10.5	23.3	6.5	NNE/24.5%

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表 2.1a 2018 年夏季 12 個海域主要測站 1 修補前風速及風向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	風速 平均值 (m/s)	平均風 風速/風向 (m/s)/(來向)	最疾風 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	北苗海域(X)	2190(99%)	5.4	.2/NE	22.3/WSW	35.6	38.3	25.3	.8	29.8	24.7	33.3	12.2	SW /12.1%
2	北端海域(W)	2208(100%)	2.9	.7/E	14.9/NNW	67.2	30.4	2.4	.0	28.5	28.2	27.9	15.4	SE / 9.3%
3	宜蘭海域(W)	2208(100%)	4.1	1.6/S	15.0/SSE	47.7	40.6	11.5	.2	11.0	42.2	11.1	35.7	SSE/19.6%
4	花蓮海域(W)	2189(99%)	2.8	.6/SSW	14.5/S	73.1	25.2	1.6	.0	17.0	26.4	40.8	15.8	WSW/17.0%
5	臺東海域(Y)	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%
6	屏東海域(Y)													
7	高雄海域(W)	277(13%)	3.9	2.2/WNW	11.9/WNW	43.3	51.6	5.1	.0	18.4	8.3	22.0	51.3	NW /19.5%
8	嘉南海域(X)	1595(72%)	4.6	1.4/S	24.0/WSW	34.9	55.6	8.8	.7	9.8	43.6	26.3	20.3	ESE/19.1%
9	中雲海域(W)	2208(100%)	6.0	1.0/SSW	23.7/NNE	28.5	42.8	24.0	4.8	25.0	14.8	47.3	12.9	SSW/20.5%
10	澎湖海域(Y)	2190(99%)	4.2	.6/S	14.2/NNE	43.4	46.5	9.9	.1	25.4	24.7	36.5	13.4	S /20.4%
11	金門海域(Y)	2173(98%)	5.1	1.0/SSE	14.5/SSW	24.2	60.7	15.0	.1	35.6	12.9	46.1	5.4	SW /19.4%
12	馬祖海域(Y)	2043(93%)	6.1	1.0/SE	24.6/S	17.7	57.0	24.3	1.0	40.8	15.4	39.5	4.3	SSW/19.5%

表2.1b 2018年夏季12個海域主要測站1修補後風速及風向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	風速 平均值 (m/s)	平均風 風速/風向 (m/s)/(來向)	最疾風 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	北苗海域(X)	2208(100%)	5.4	.3/NE	22.3/WSW	35.6	38.2	25.5	.8	29.8	24.7	33.3	12.1	SW /12.0%
2	北端海域(W)	2208(100%)	2.9	.7/E	14.9/NNW	67.2	30.4	2.4	.0	28.6	28.2	27.9	15.3	SSW/ 9.3%
3	宜蘭海域(W)	2208(100%)	4.1	1.6/S	15.0/SSE	47.7	40.5	11.5	.2	11.0	42.2	11.0	35.8	SSE/19.6%
4	花蓮海域(W)	2208(100%)	2.8	.6/SSW	14.5/S	73.1	25.3	1.6	.0	16.8	26.4	40.7	16.0	WSW/17.0%
5	臺東海域(Y)	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%
6	屏東海域(Y)	2208(100%)	3.8	.8/SSW	22.5/SSE	52.1	40.3	6.7	.8	28.6	23.8	24.5	23.1	NNE/11.4%
7	高雄海域(W)	2208(100%)	4.3	.5/SW	20.7/SSW	41.3	50.3	7.8	.6	26.9	23.0	20.3	29.8	NW /11.1%
8	嘉南海域(X)	2208(100%)	4.6	1.1/S	24.0/WSW	34.1	56.8	8.4	.7	9.9	40.9	27.9	21.4	ESE/16.1%
9	中雲海域(W)	2208(100%)	6.0	1.0/SSW	23.7/NNE	28.5	42.8	23.9	4.8	24.9	14.7	47.6	12.9	SSW/20.5%
10	澎湖海域(Y)	2208(100%)	4.2	.6/S	14.2/NNE	43.3	46.6	9.9	.1	25.5	24.7	36.3	13.5	S /20.2%
11	金門海域(Y)	2208(100%)	5.1	1.0/SSE	14.5/SSW	24.5	60.6	14.8	.1	35.3	12.9	46.2	5.6	SW /19.3%
12	馬祖海域(Y)	2208(100%)	5.9	1.0/SSE	24.6/S	21.9	54.5	22.7	.9	39.1	16.8	39.3	4.8	SSW/18.7%

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表 2.1a 2018年秋季 12個海域主要測站1修補前風速及風向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	風速 平均值 (m/s)	平均風 風速/風向 (m/s)/(來向)	最疾風 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	北苗海域(X)	2155(99%)	7.0	5.2/NE	16.5/ESE	20.4	37.4	39.7	2.6	65.2	16.4	9.5	9.0	NE /30.0%
2	北端海域(W)	2184(100%)	4.4	2.8/NE	12.9/N	42.1	45.2	12.6	.0	53.6	19.9	11.7	14.8	NNE/19.9%
3	宜蘭海域(W)	2184(100%)	4.4	1.3/WNW	20.8/SSE	36.4	55.3	7.9	.5	12.5	19.9	14.3	53.3	WNW/20.7%
4	花蓮海域(W)	2184(100%)	3.4	1.0/NNE	12.3/ENE	60.7	34.5	4.9	.0	35.3	12.3	25.6	26.8	NE /15.2%
5	臺東海域(Y)	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%
6	屏東海域(Y)													
7	高雄海域(W)													
8	嘉南海域(X)	2159(99%)	5.2	4.1/N	16.5/N	26.5	58.8	13.5	1.2	51.3	6.4	6.1	36.2	NNE/28.8%
9	中雲海域(W)	2184(100%)	10.1	9.1/NNE	25.3/NNE	19.2	21.7	28.1	31.0	79.5	3.8	9.2	7.5	NNE/52.6%
10	澎湖海域(Y)	2171(99%)	8.4	7.7/NNE	18.1/NNE	15.2	25.7	52.9	6.3	78.4	3.6	6.9	11.2	NNE/47.0%
11	金門海域(Y)	2123(97%)	6.3	5.1/NE	15.9/NE	17.2	52.0	29.8	.9	80.5	5.2	10.5	3.9	NE /38.0%
12	馬祖海域(Y)	2048(94%)	8.3	7.0/NNE	14.6/NE	8.2	32.9	58.2	.7	85.9	3.4	6.2	4.5	NNE/40.6%

表 2.1b 2018年秋季 12個海域主要測站 1 修補後風速及風向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	風速 平均值 (m/s)	平均風 風速/風向 (m/s)/(來向)	最疾風 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	北苗海域(X)	2184(100%)	7.0	5.2/NE	16.5/ESE	20.4	37.4	39.6	2.6	65.2	16.3	9.5	9.0	NE /30.0%
2	北端海域(W)	2184(100%)	4.4	2.8/NE	12.9/N	42.2	45.2	12.6	.0	53.6	19.9	11.7	14.8	NNE/19.9%
3	宜蘭海域(W)	2184(100%)	4.4	1.3/WNW	20.8/SSE	36.4	55.3	7.8	.5	12.5	19.9	14.2	53.3	WNW/20.7%
4	花蓮海域(W)	2184(100%)	3.4	1.0/NNE	12.3/ENE	60.7	34.5	4.9	.0	35.3	12.3	25.7	26.7	NE /15.2%
5	臺東海域(Y)	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%
6	屏東海域(Y)	2184(100%)	3.0	1.3/NW	10.8/SE	66.8	30.5	2.7	.0	24.0	12.1	13.6	50.3	NW /17.4%
7	高雄海域(W)	2184(100%)	4.1	2.9/NNW	15.8/NNW	45.4	46.6	7.7	.3	30.0	5.4	9.1	55.5	NNW/22.7%
8	嘉南海域(X)	2184(100%)	5.2	4.2/N	16.5/N	26.5	58.8	13.6	1.1	51.3	6.5	6.1	36.0	NNE/28.9%
9	中雲海域(W)	2184(100%)	10.1	9.1/NNE	25.3/NNE	19.3	21.7	28.1	30.9	79.2	3.7	9.9	7.2	NNE/52.4%
10	澎湖海域(Y)	2184(100%)	8.4	7.7/NNE	18.1/NNE	15.7	25.5	52.7	6.2	77.9	3.8	7.1	11.1	NNE/46.7%
11	金門海域(Y)	2184(100%)	6.3	5.1/NE	15.9/NE	17.3	52.0	29.8	1.0	80.3	5.4	10.4	3.9	NE /38.0%
12	馬祖海域(Y)	2184(100%)	8.2	7.0/NNE	15.0/NE	9.1	33.1	57.0	.9	85.9	3.7	5.9	4.5	NNE/40.2%

表 2.1a 2018 年整年 12 個海域主要測站 1 修補前風速及風向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	風速 平均值 (m/s)	平均風 風速/風向 (m/s)/(來向)	最疾風 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	北苗海域(X)	6495(74%)	5.9	2.5/NE	22.3/WSW	32.1	36.4	29.9	1.6	44.4	22.7	20.6	12.3	NE /18.9%
2	北端海域(W)	8760(100%)	3.8	1.9/NE	14.9/NNW	51.7	39.4	8.9	.0	43.8	23.0	16.8	16.3	NNE/16.0%
3	宜蘭海域(W)	5592(64%)	4.4	.8/WSW	20.8/SSE	39.2	50.4	10.1	.3	12.3	28.4	12.8	46.6	WNW/19.1%
4	花蓮海域(W)	8047(92%)	3.3	.6/NE	14.5/S	63.0	32.4	4.5	.0	30.8	17.0	30.2	22.0	NE /16.0%
5	臺東海域(Y)	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%
6	屏東海域(Y)													
7	高雄海域(W)	4566(52%)	4.3	2.7/NNW	12.7/N	34.8	57.9	7.3	.0	25.6	6.9	11.8	55.8	N /19.5%
8	嘉南海域(X)	4687(54%)	4.9	1.8/N	24.0/WSW	30.8	57.1	11.1	1.0	33.2	19.6	15.6	31.6	NNE/16.9%
9	中雲海域(W)	8760(100%)	9.0	6.1/NNE	28.3/NNE	21.7	29.4	24.0	24.9	61.2	6.8	22.8	9.3	NNE/39.4%
10	澎湖海域(Y)	8713(100%)	7.3	5.4/NNE	19.0/NNE	24.8	30.8	34.9	9.5	64.1	9.1	17.6	9.3	NNE/42.9%
11	金門海域(Y)	8616(98%)	5.9	3.4/NE	15.9/NE	22.6	49.6	27.2	.6	64.1	8.3	22.3	5.2	NE /29.8%
12	馬祖海域(Y)	4959(57%)	7.0	3.1/NE	24.6/S	14.4	45.6	39.2	.7	61.9	8.8	24.2	5.1	NNE/25.5%

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表2.1b 2018年整年12個海域主要測站1修補後風速及風向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	風速 平均值 (m/s)	平均風 風速/風向 (m/s)/(來向)	最疾風 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	北苗海域(X)	8760(100%)	6.4	3.7/NE	22.3/WSW	27.5	35.2	35.0	2.2	53.2	20.8	16.2	9.9	NE /25.9%
2	北端海域(W)	8760(100%)	3.8	1.9/NE	14.9/NNW	51.7	39.3	8.9	.0	43.9	23.0	16.8	16.3	NNE/16.0%
3	宜蘭海域(W)	8760(100%)	4.1	.9/WSW	20.8/SSE	42.9	49.2	7.8	.2	13.3	24.0	23.6	39.1	WNW/15.4%
4	花蓮海域(W)	8760(100%)	3.3	.5/NNE	14.5/S	63.3	32.2	4.4	.0	30.2	16.3	30.5	23.1	NE /15.1%
5	臺東海域(Y)	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%
6	屏東海域(Y)	8760(100%)	3.4	1.0/NW	22.5/SSE	55.4	41.1	3.3	.2	24.3	16.2	14.8	44.7	NW /14.5%
7	高雄海域(W)	8760(100%)	4.3	2.0/NNW	20.7/SSW	39.1	53.1	7.5	.2	26.1	10.6	14.2	49.1	NW /15.9%
8	嘉南海域(X)	8760(100%)	5.8	3.3/N	24.0/WSW	24.4	52.8	20.0	2.9	37.6	14.2	15.2	33.1	N /30.9%
9	中雲海域(W)	8760(100%)	9.0	6.1/NNE	28.3/NNE	21.7	29.4	24.0	24.9	61.0	6.7	23.2	9.1	NNE/39.4%
10	澎湖海域(Y)	8760(100%)	7.3	5.4/NNE	19.0/NNE	25.0	30.7	34.9	9.4	63.9	9.2	17.6	9.3	NNE/42.8%
11	金門海域(Y)	8760(100%)	5.9	3.4/NE	15.9/NE	22.7	49.6	27.0	.6	64.0	8.3	22.4	5.3	NE /29.8%
12	馬祖海域(Y)	8760(100%)	7.0	4.3/NE	24.6/S	14.3	44.7	40.6	.5	69.6	8.2	17.7	4.5	NNE/29.0%

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第三章 2018 年 12 海域風力主要測站 1 修補前後資料歷線比較圖

(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)

(馬祖海域)

Twelve Seas Wind Speed at 2017/12

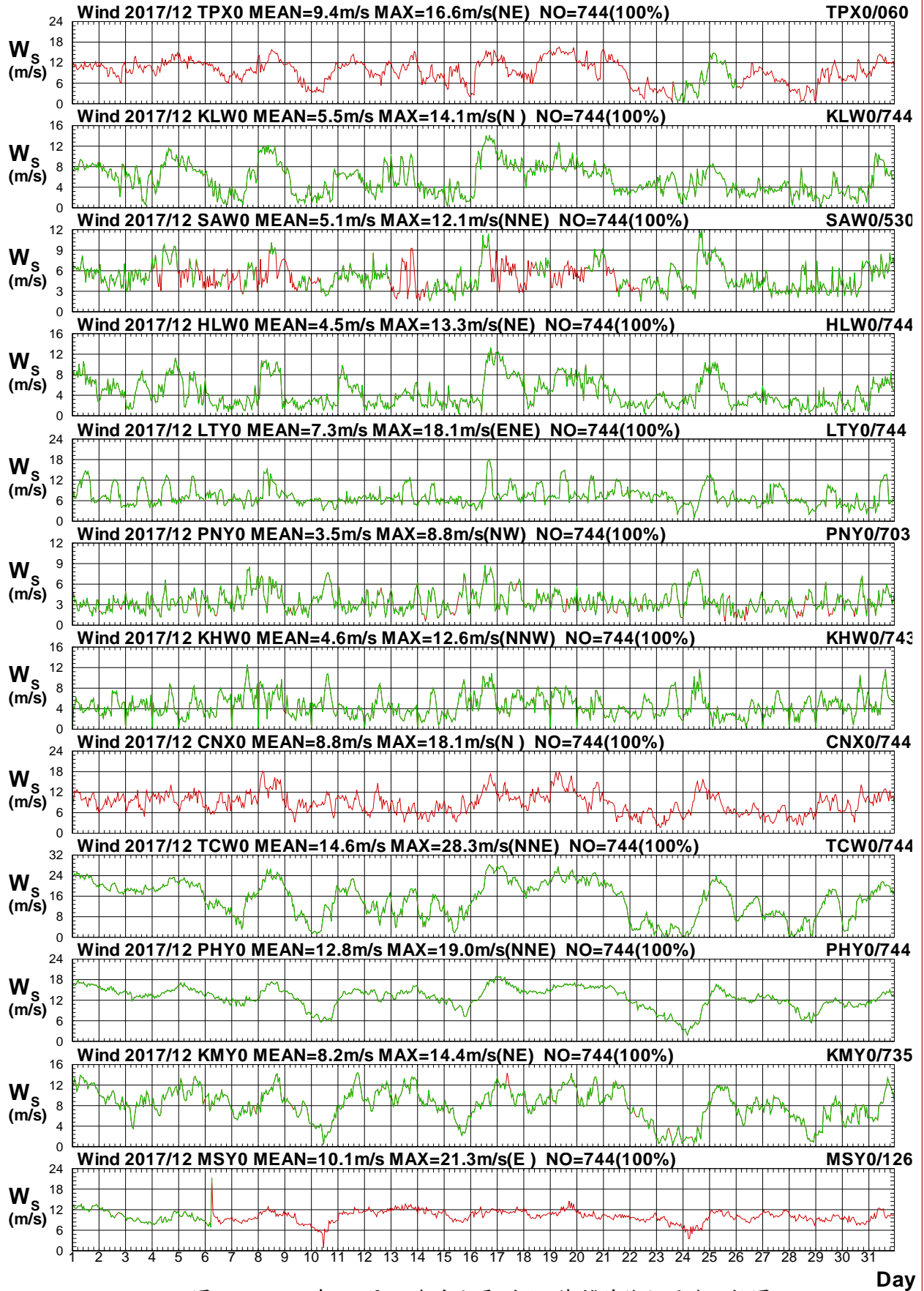


圖3.1 2017年12月12海域主要測站1修補前後之風速比較圖

W17CTPX0.1HA W17CTPX0.1H0 W17CKLV0.1HA W17CKLV0.1H0 W17CSAW0.1HA W17CSAW0.1H0
 W17CHLV0.1HA W17CHLV0.1H0 W17CLTY0.1HA W17CLTY0.1H0 W17CPNY0.1HA W17CPNY0.1H0

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Twelve Seas Wind Direction at 2017/12

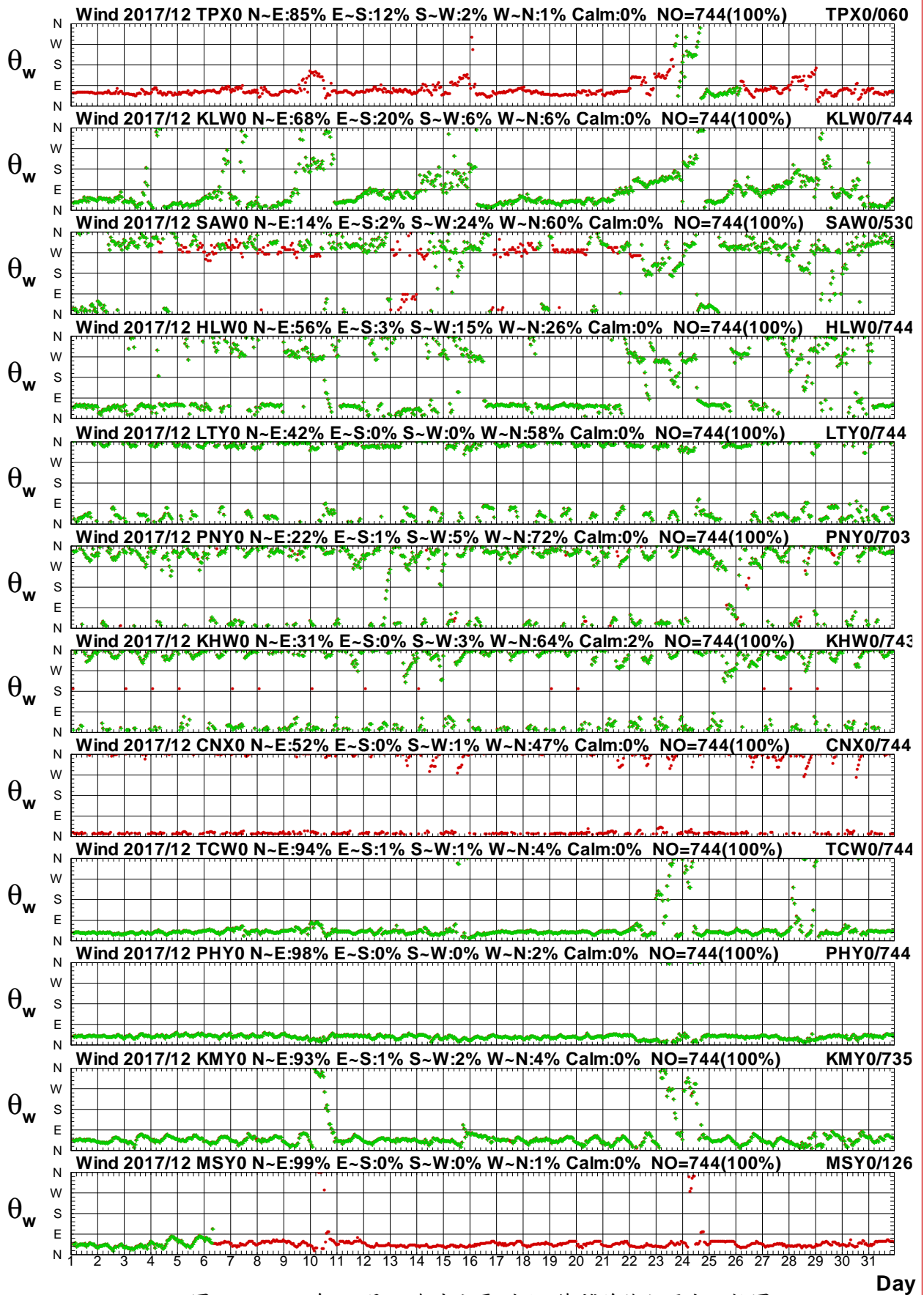


圖3.2 2017年12月12海域主要測站1修補前後之風向比較圖

W17CTPX0.1HA W17CTPX0.1H0 W17CKLW0.1HA W17CKLW0.1H0 W17CSAW0.1HA W17CSAW0.1H0
 W17CHLW0.1HA W17CHLW0.1H0 W17CLTY0.1HA W17CLTY0.1H0 W17CPNY0.1HA W17CPNY0.1H0

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Twelve Seas E-component of Wind at 2017/12

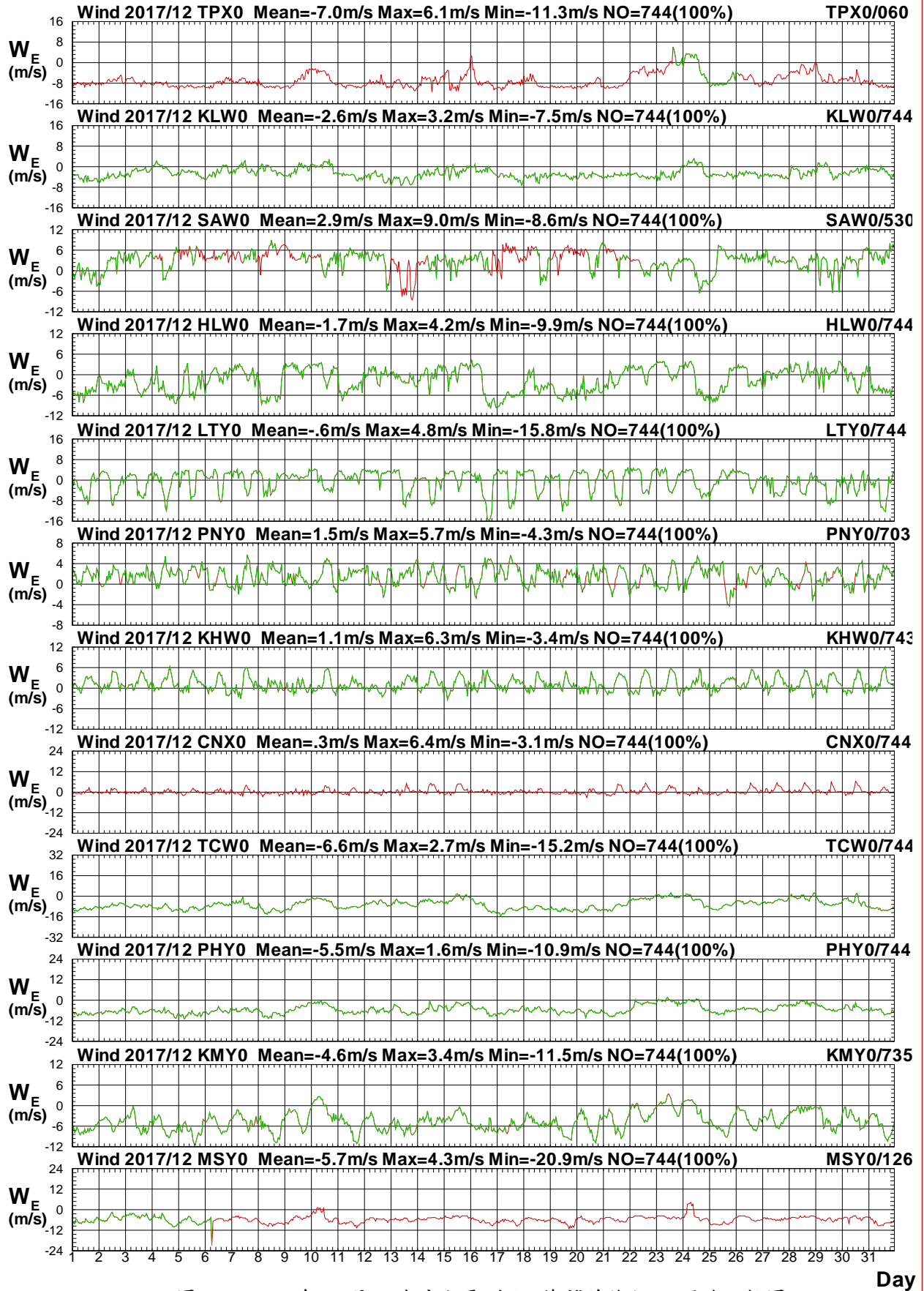


圖3.3 2017年12月12海域主要測站1修補前後之 E-風速比較圖

W17CTPX0.1HA W17CTPX0.1H0 W17CKLW0.1HA W17CKLW0.1H0 W17CSAW0.1HA W17CSAW0.1H0
 W17CHLW0.1HA W17CHLW0.1H0 W17CLTY0.1HA W17CLTY0.1H0 W17CPNY0.1HA W17CPNY0.1H0

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Twelve Seas N-component of Wind at 2017/12

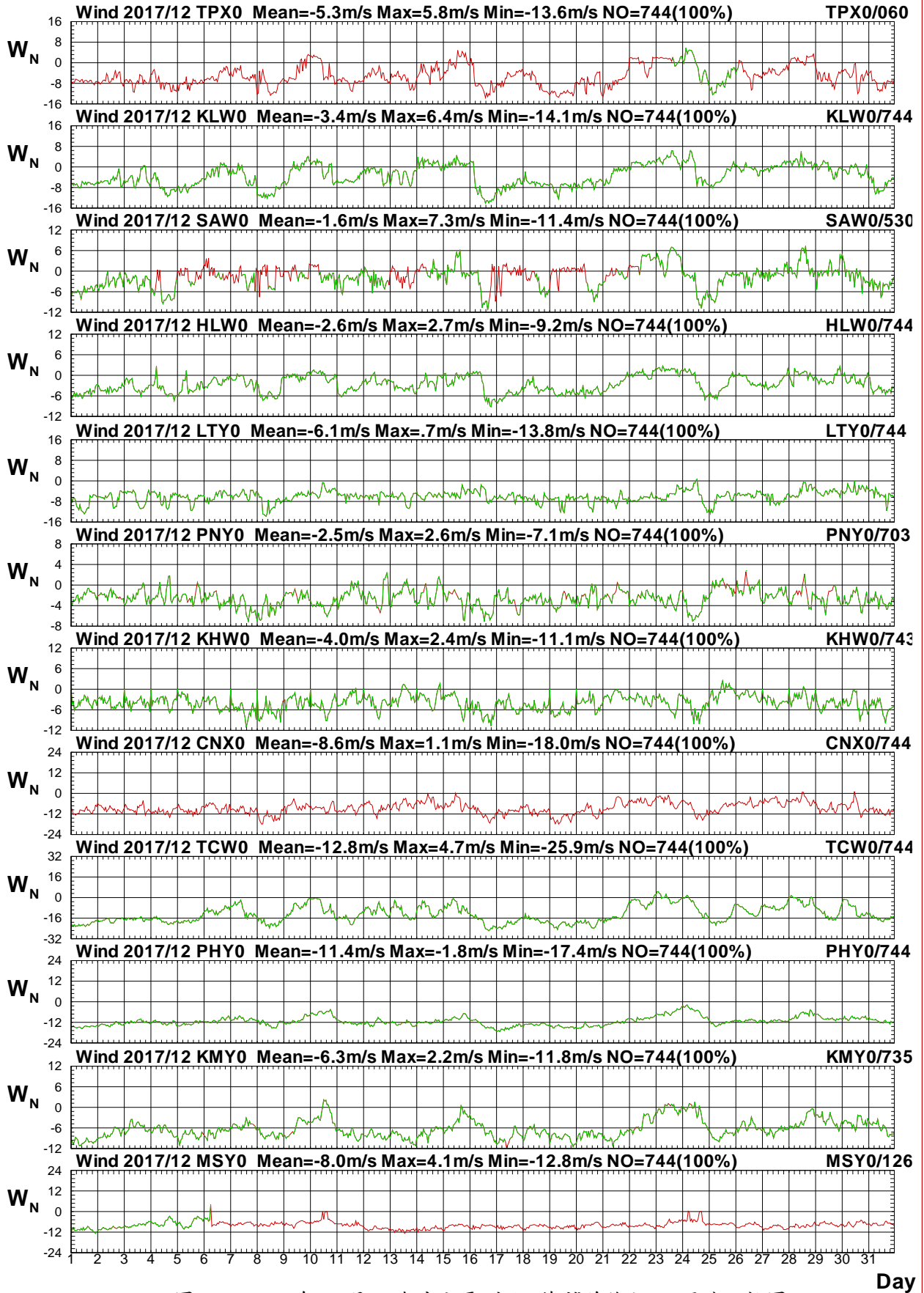


圖3.4 2017年12月12海域主要測站1修補前後之 N-風速比較圖

W17CTPX0.1HA W17CTPX0.1H0 W17CKLW0.1HA W17CKLW0.1H0 W17CSAW0.1HA W17CSAW0.1H0
 W17CHLW0.1HA W17CHLW0.1H0 W17CLTY0.1HA W17CLTY0.1H0 W17CPNY0.1HA W17CPNY0.1H0

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Twelve Seas Wind Speed at 2018/01

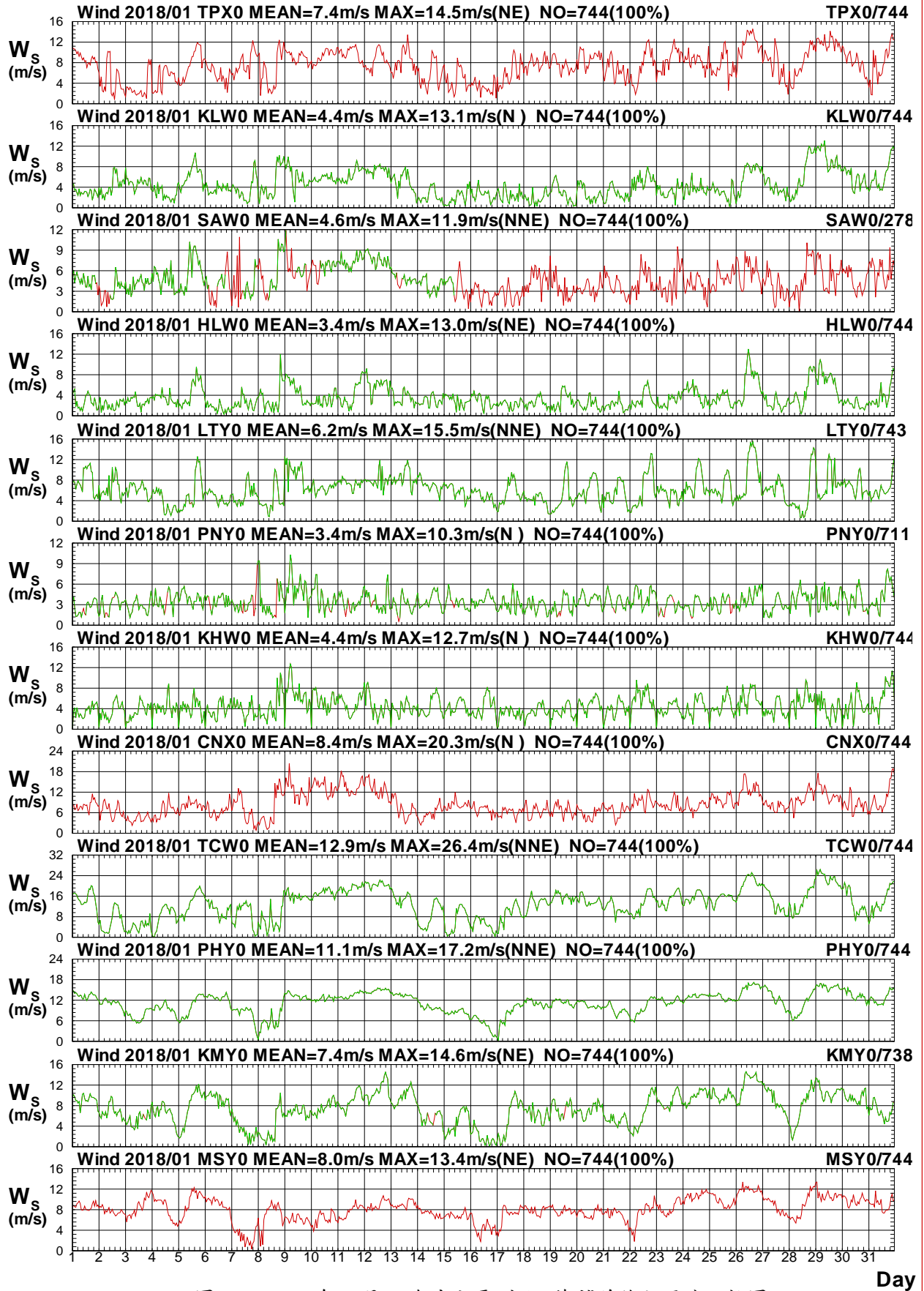


圖3.5 2018年1月12海域主要測站1修補前後之風速比較圖

W181TPX0.1HA W181TPX0.1H0 W181KLW0.1HA W181KLW0.1H0 W181SAW0.1HA W181SAW0.1H0
 W181HLW0.1HA W181HLW0.1H0 W181LTY0.1HA W181LTY0.1H0 W181PNY0.1HA W181PNY0.1H0

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Twelve Seas Wind Direction at 2018/01

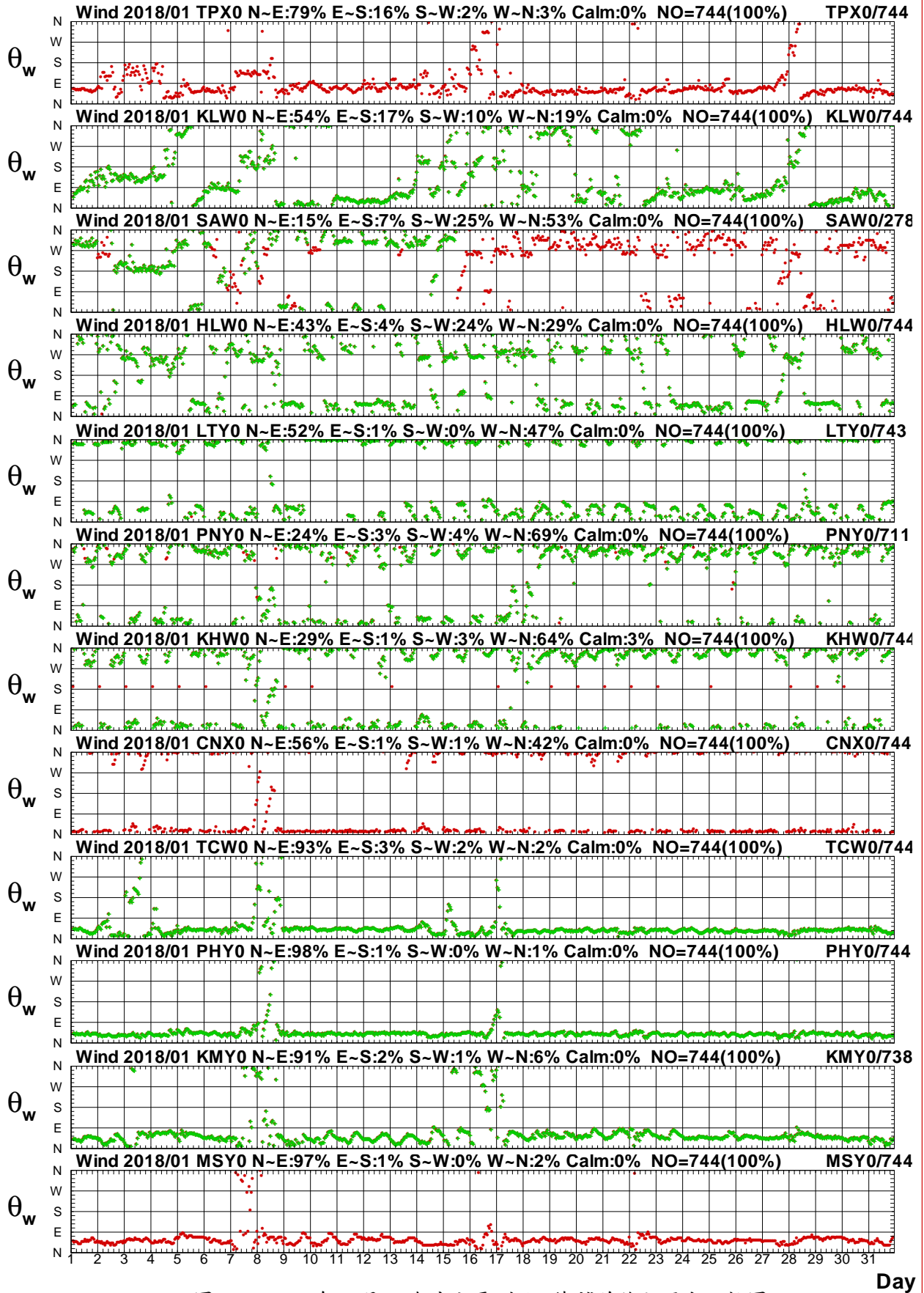


圖3.6 2018年1月12海域主要測站1修補前後之風向比較圖

W181TPX0.1HA W181TPX0.1HO W181KLW0.1HA W181KLW0.1HO W181SAW0.1HA W181SAW0.1HO
 W181HLW0.1HA W181HLW0.1HO W181LTY0.1HA W181LTY0.1HO W181PNY0.1HA W181PNY0.1HO

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Twelve Seas E-component of Wind at 2018/01

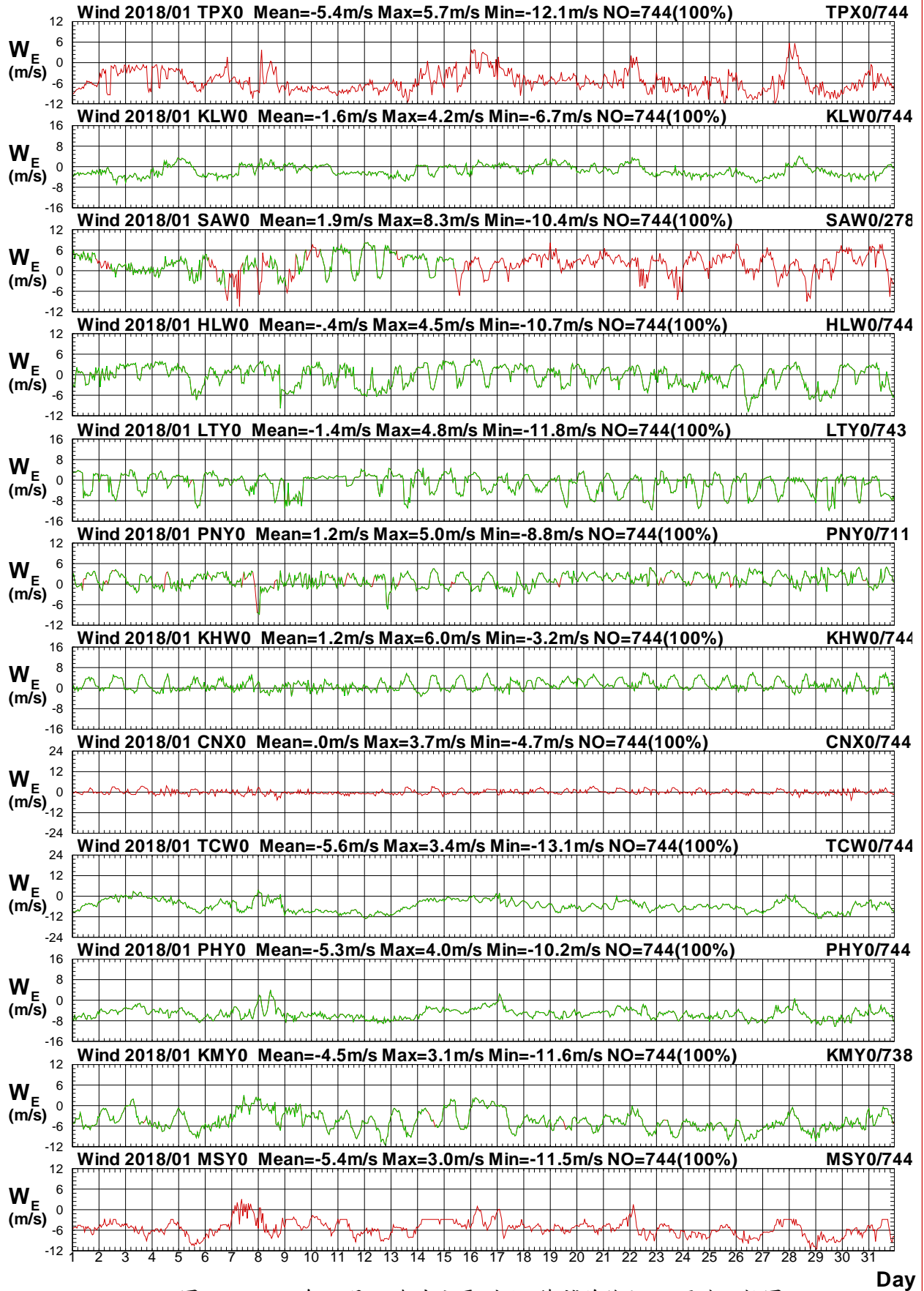


圖 3.7 2018 年 1 月 12 海域主要測站 1 修補前後之 E-風速比較圖

W181TPX0.1HA W181TPX0.1HO W181KLV0.1HA W181KLV0.1HO W181SAW0.1HA W181SAW0.1HO
 W181HLW0.1HA W181HLW0.1HO W181LTY0.1HA W181LTY0.1HO W181PNY0.1HA W181PNY0.1HO

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Twelve Seas N-component of Wind at 2018/01

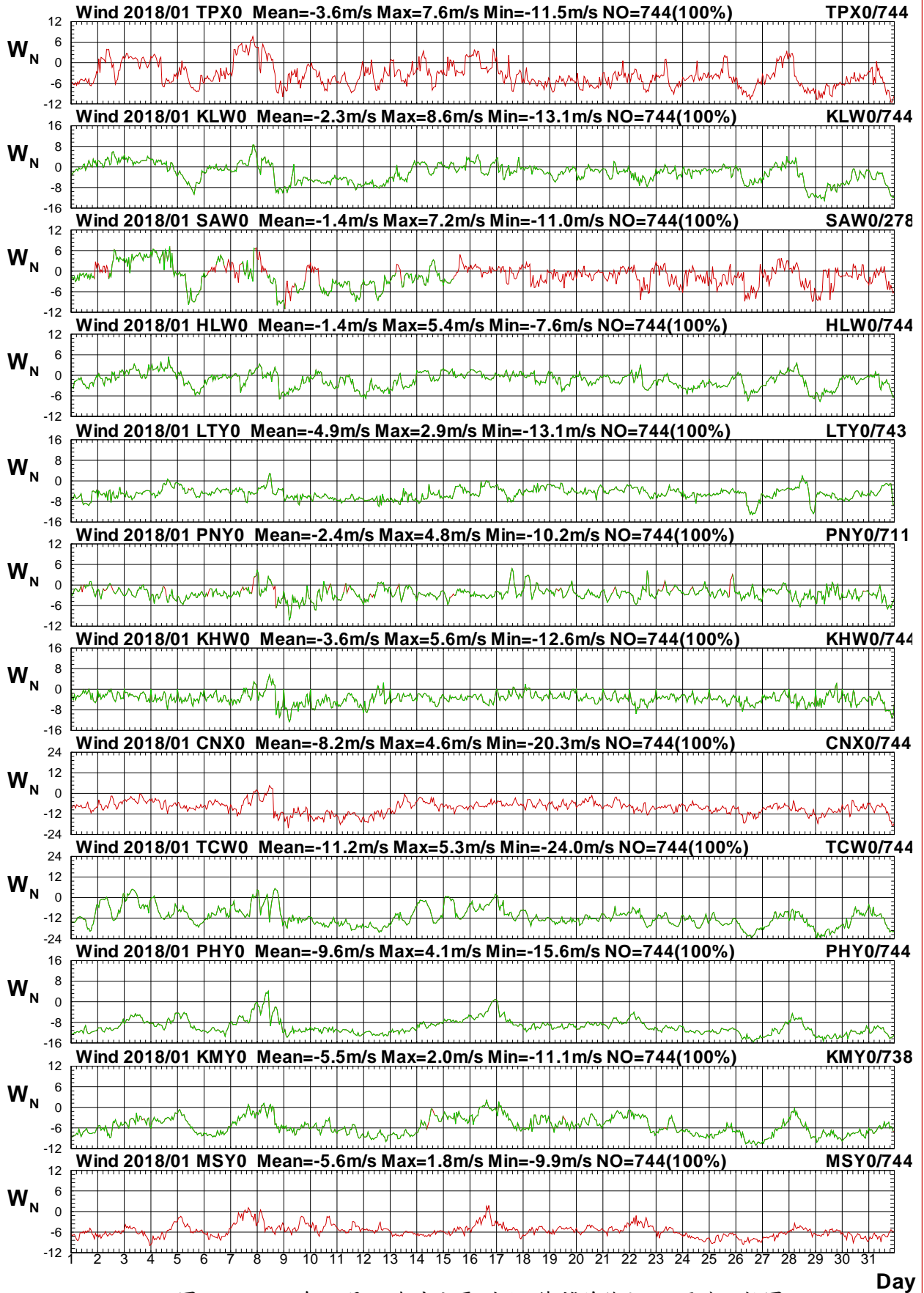


圖3.8 2018年1月12海域主要測站1修補前後之 N-風速比較圖

W181TPX0.1HA W181TPX0.1HO W181KLR0.1HA W181KLR0.1HO W181SAW0.1HA W181SAW0.1HO
 W181HLW0.1HA W181HLW0.1HO W181LTY0.1HA W181LTY0.1HO W181PNY0.1HA W181PNY0.1HO

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Twelve Seas Wind Speed at 2018/02

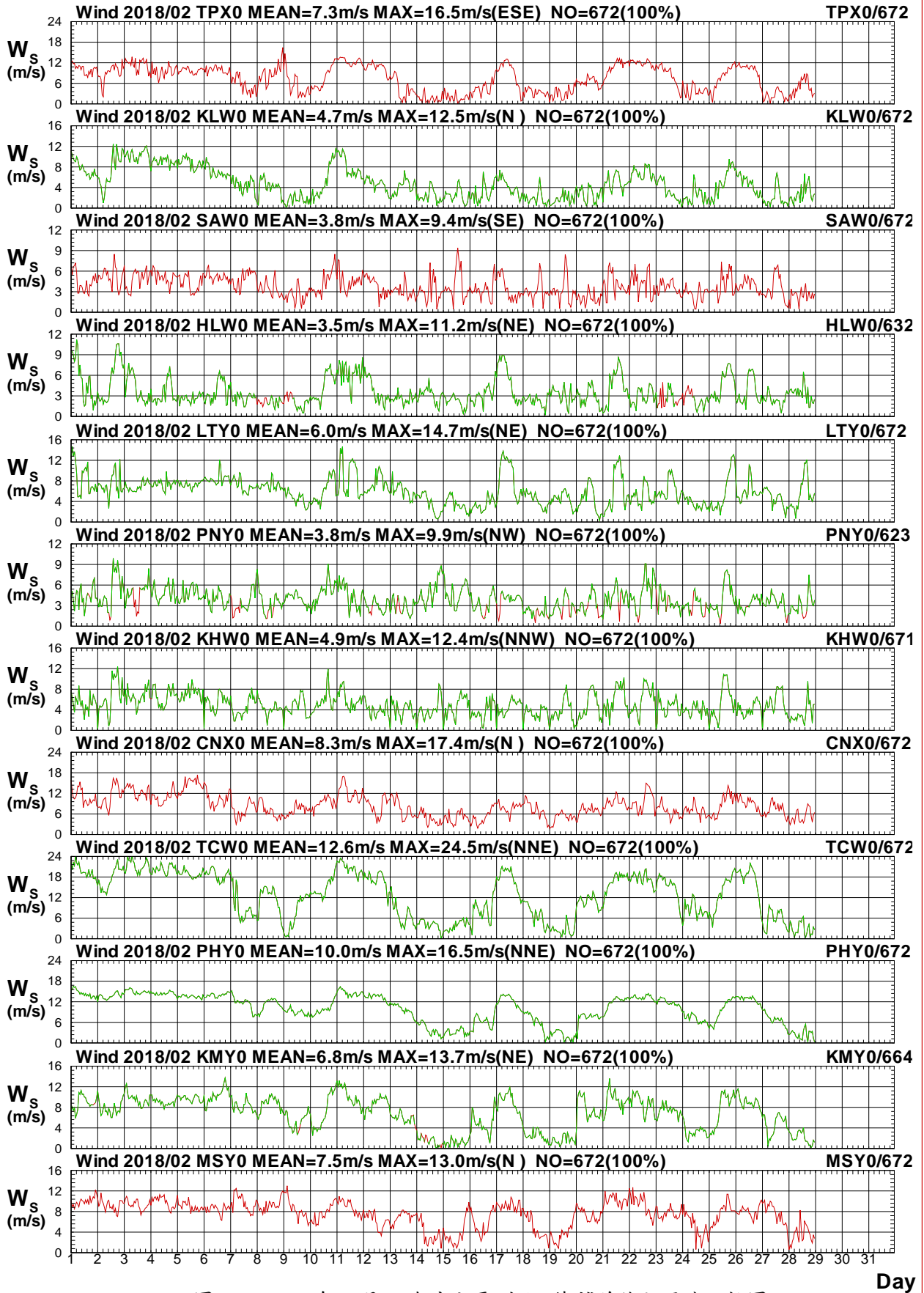


圖3.9 2018年2月12海域主要測站1修補前後之風速比較圖

W182TPX0.1HA W182TPX0.1HO W182KLV0.1HA W182KLV0.1HO W182SAW0.1HA W182SAW0.1HO
 W182HLW0.1HA W182HLW0.1HO W182LTY0.1HA W182LTY0.1HO W182PNY0.1HA W182PNY0.1HO

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Twelve Seas Wind Direction at 2018/02

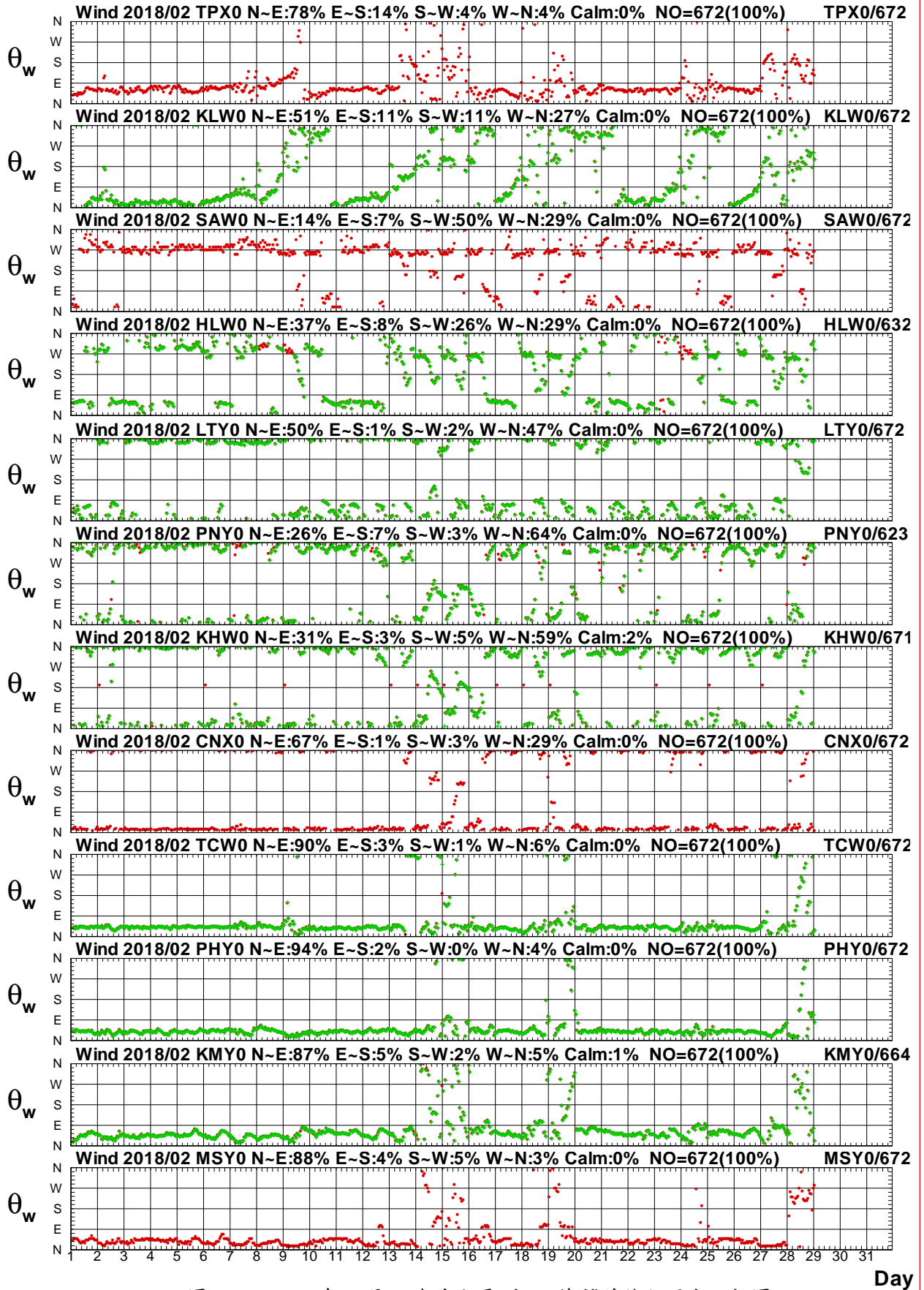


圖3.10 2018年2月12海域主要測站1修補前後之風向比較圖

W182TPX0.1HA W182TPX0.1HO W182KLV0.1HA W182KLV0.1HO W182SAW0.1HA W182SAW0.1HO
 W182HLW0.1HA W182HLW0.1HO W182LTY0.1HA W182LTY0.1HO W182PNY0.1HA W182PNY0.1HO

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Twelve Seas E-component of Wind at 2018/02

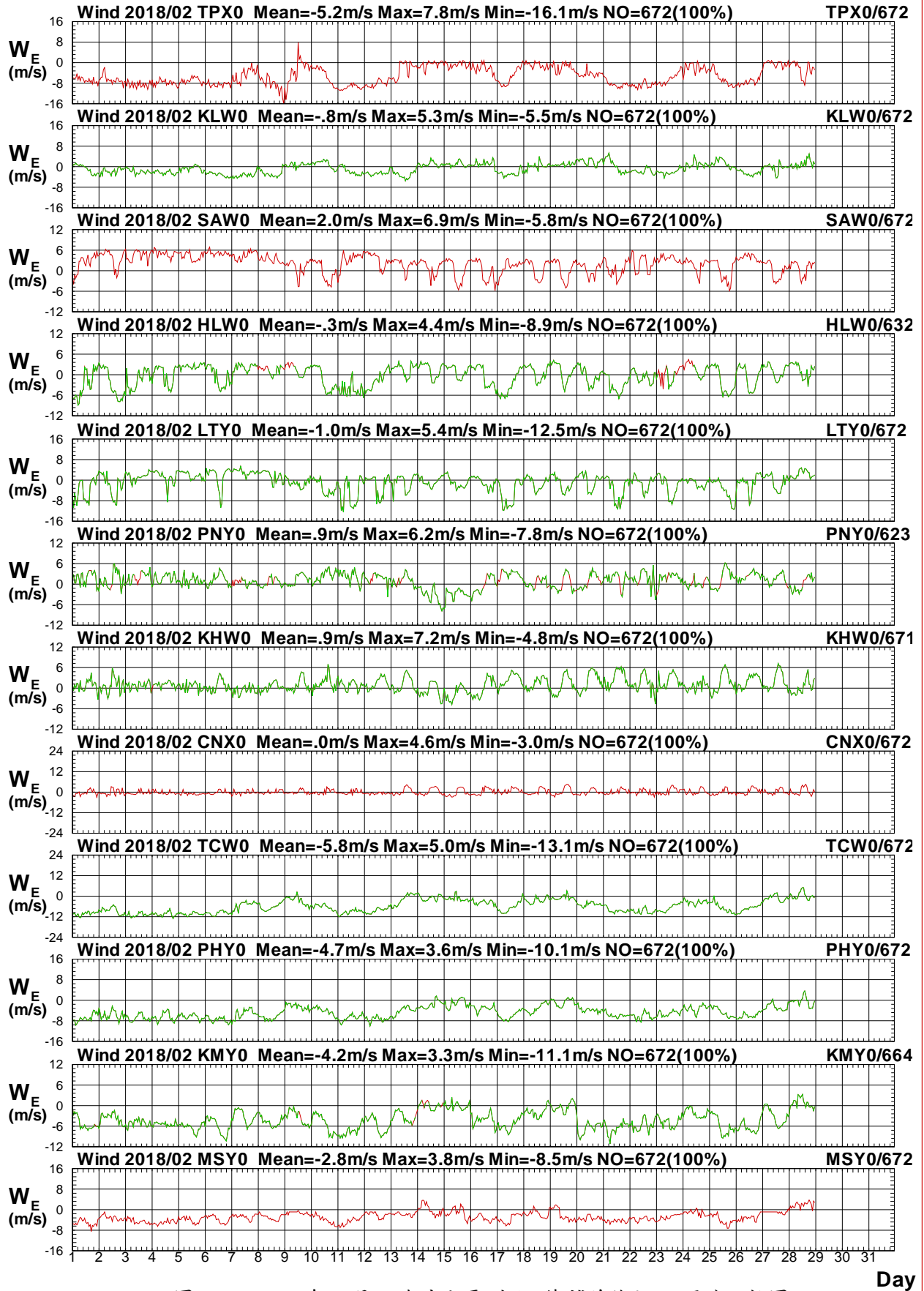


圖3.11 2018年2月12海域主要測站1修補前後之 E-風速比較圖

W182TPX0.1HA W182TPX0.1HO W182KLW0.1HA W182KLW0.1HO W182SAW0.1HA W182SAW0.1HO
 W182HLW0.1HA W182HLW0.1HO W182LTY0.1HA W182LTY0.1HO W182PNY0.1HA W182PNY0.1HO

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Twelve Seas N-component of Wind at 2018/02

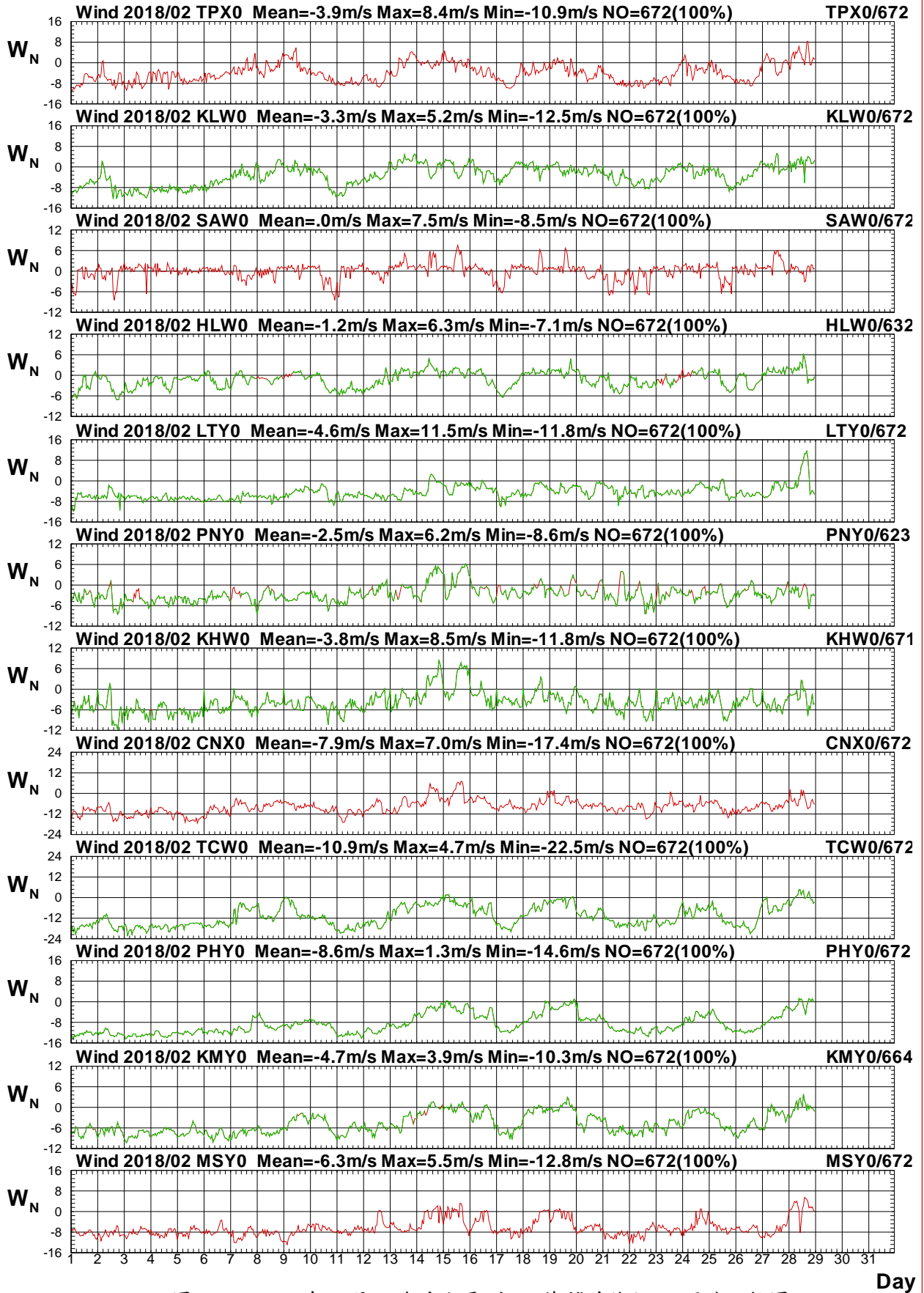


圖3.12 2018年2月12海域主要測站1修補前後之 N-風速比較圖

W182TPX0.1HA W182TPX0.1HO W182KLW0.1HA W182KLW0.1HO W182SAW0.1HA W182SAW0.1HO
 W182HLW0.1HA W182HLW0.1HO W182LTY0.1HA W182LTY0.1HO W182PNY0.1HA W182PNY0.1HO

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Twelve Seas Wind Speed at 2018/03

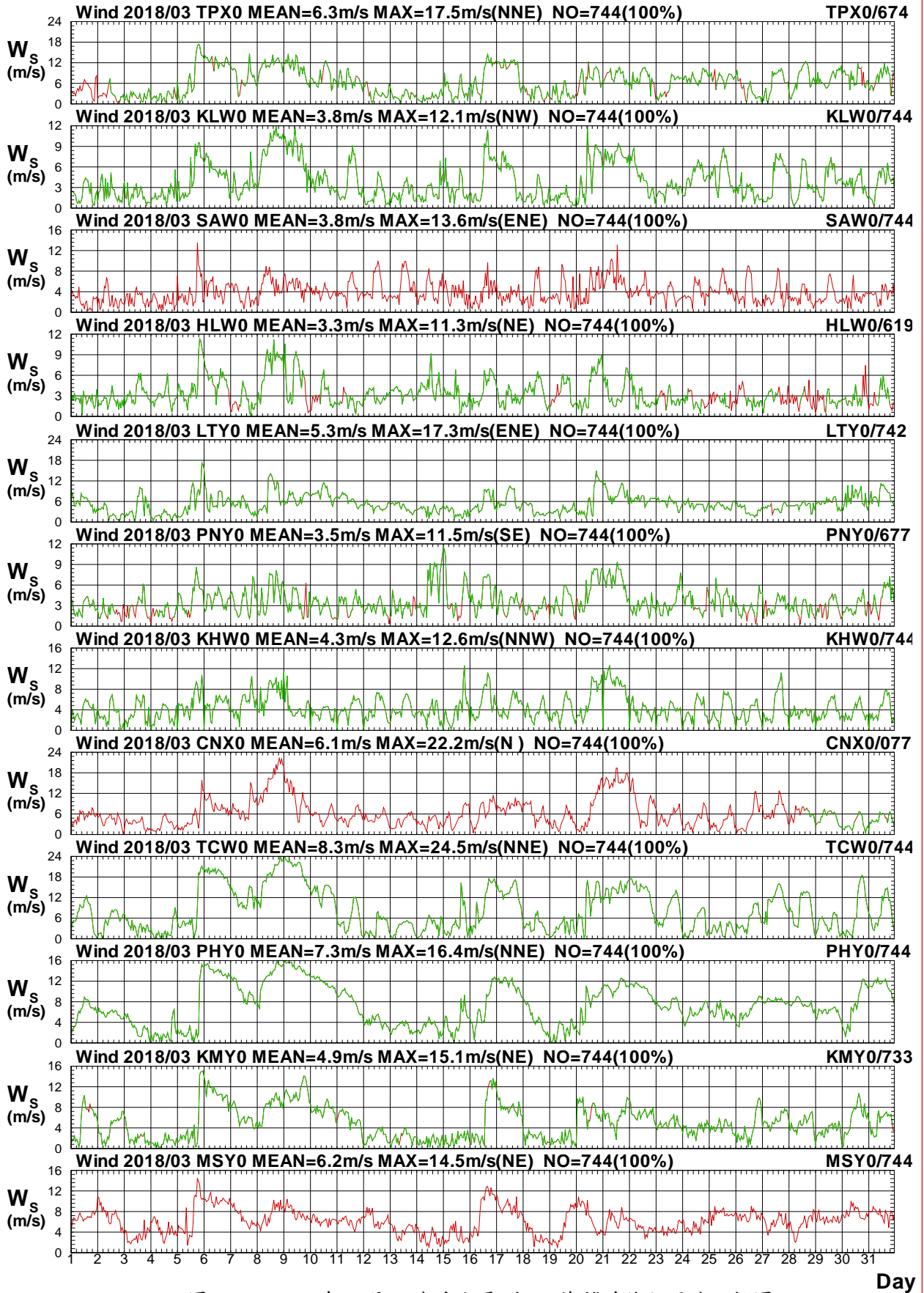


圖3.13 2018年3月12海域主要測站1修補前後之風速比較圖

W183TPX0.1HA W183TPX0.1HO W183KLW0.1HA W183KLW0.1HO W183SAW0.1HA W183SAW0.1HO
 W183HLW0.1HA W183HLW0.1HO W183LTY0.1HA W183LTY0.1HO W183PNY0.1HA W183PNY0.1HO

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Twelve Seas Wind Direction at 2018/03

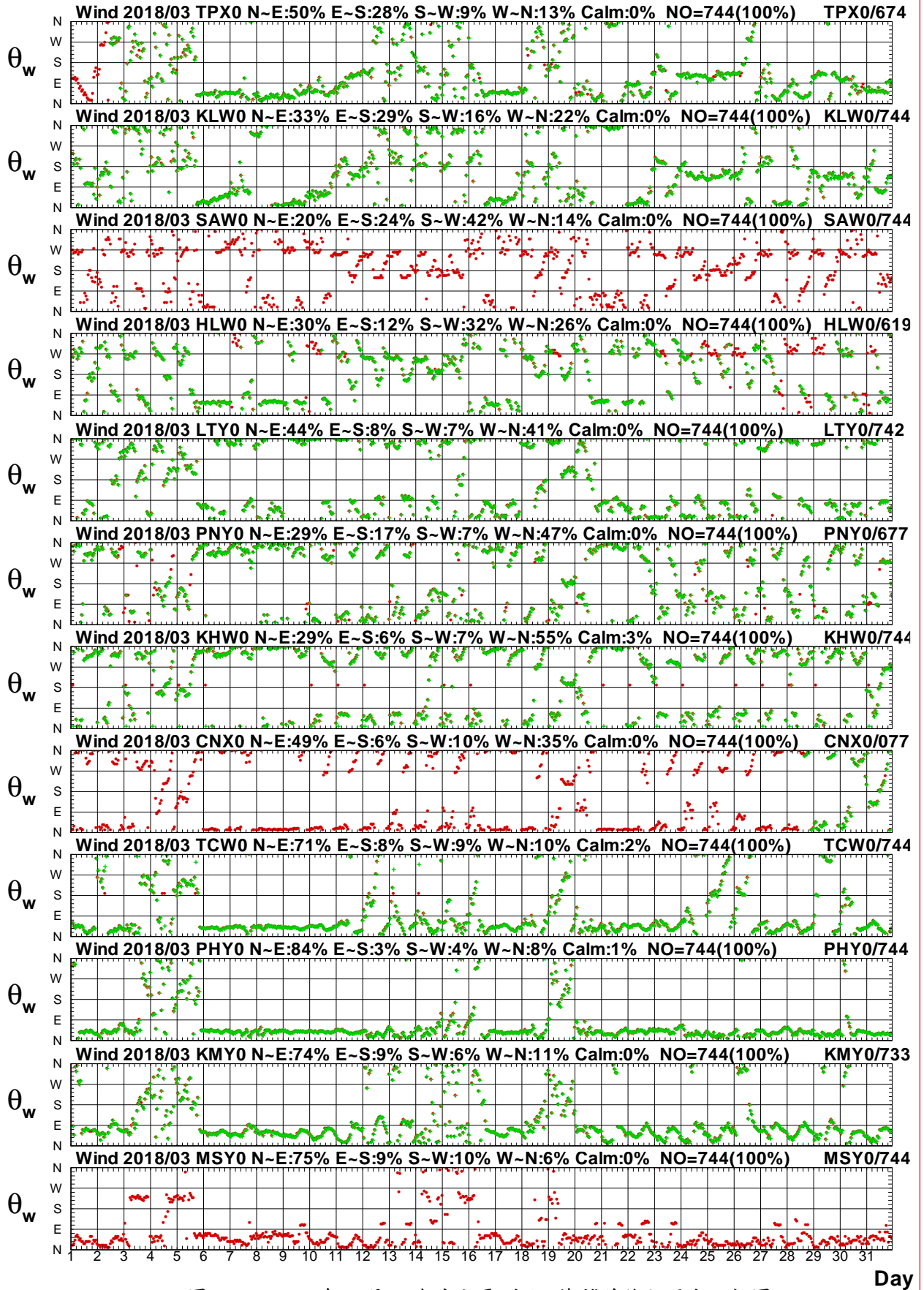


圖3.14 2018年3月12海域主要測站1修補前後之風向比較圖

W183TPX0.1HA W183TPX0.1HO W183KLW0.1HA W183KLW0.1HO W183SAW0.1HA W183SAW0.1HO
 W183HLW0.1HA W183HLW0.1HO W183LTY0.1HA W183LTY0.1HO W183PNY0.1HA W183PNY0.1HO

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Twelve Seas E-component of Wind at 2018/03

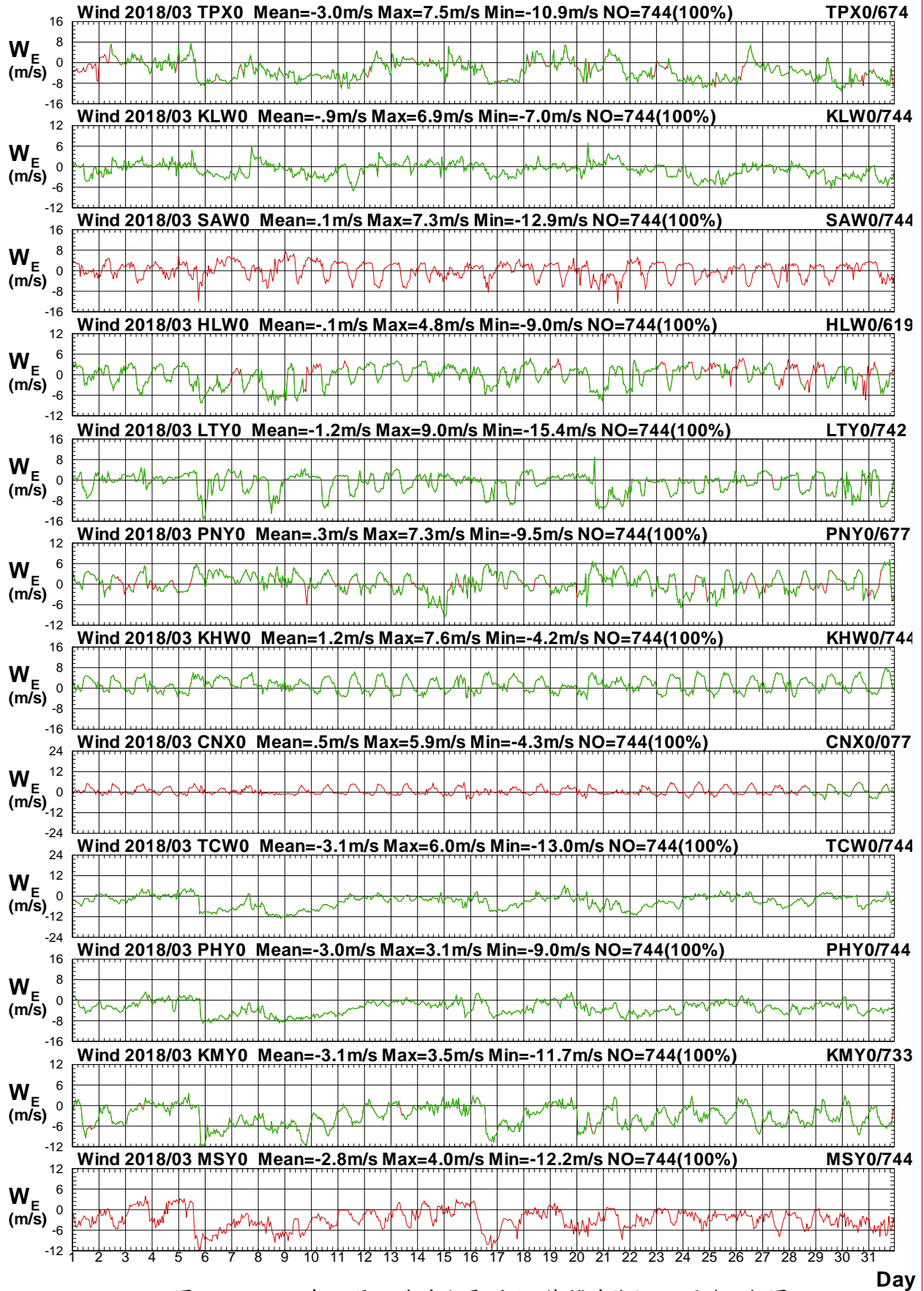


圖3.15 2018年3月12海域主要測站1修補前後之E-風速比較圖

W183TPX0.1HA W183TPX0.1HO W183KLW0.1HA W183KLW0.1HO W183SAW0.1HA W183SAW0.1HO
 W183HLW0.1HA W183HLW0.1HO W183LTY0.1HA W183LTY0.1HO W183PNY0.1HA W183PNY0.1HO

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Twelve Seas N-component of Wind at 2018/03

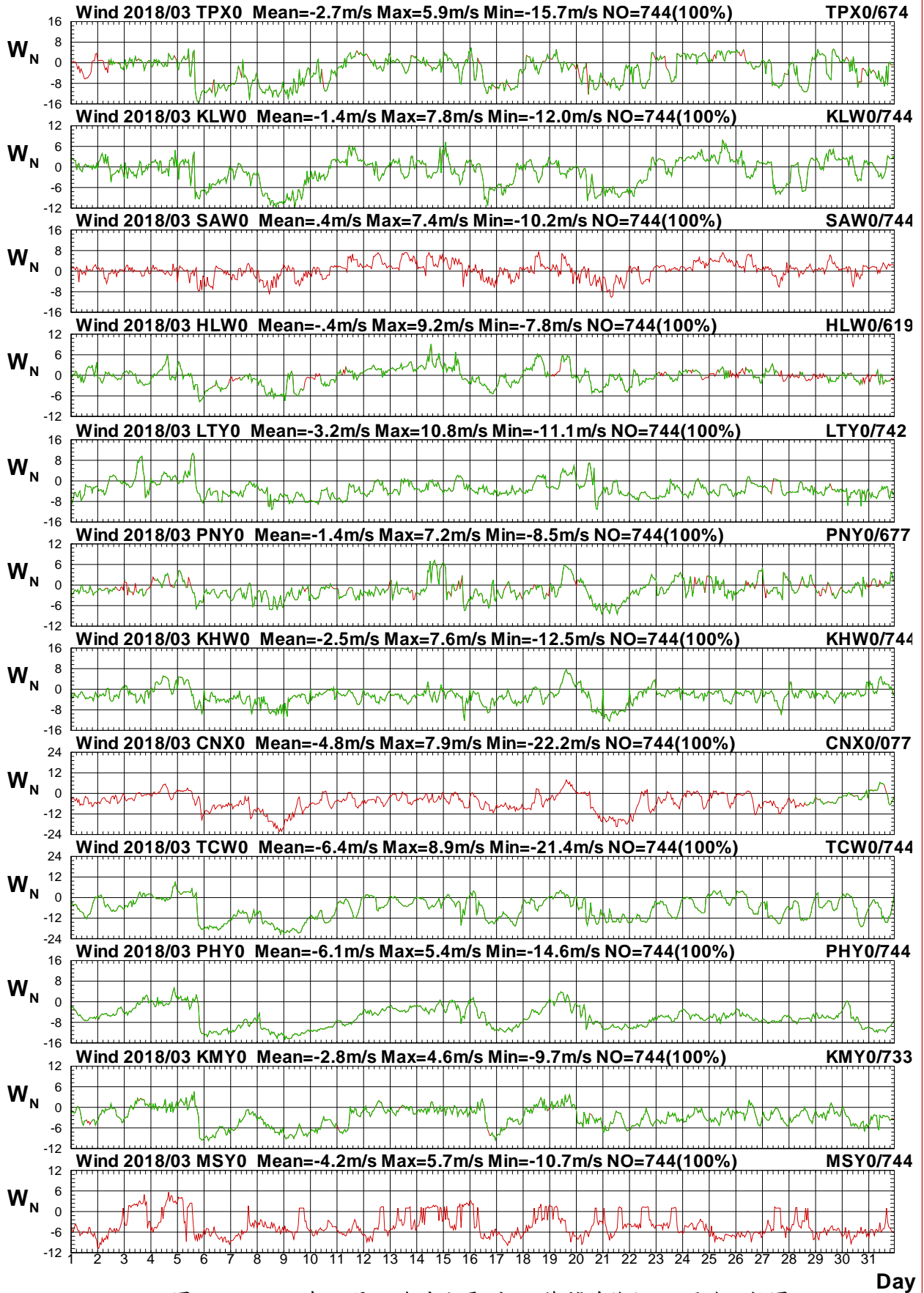


圖3.16 2018年3月12海域主要測站1修補前後之 N-風速比較圖

W183TPX0.1HA W183TPX0.1HO W183KLW0.1HA W183KLW0.1HO W183SAW0.1HA W183SAW0.1HO
 W183HLW0.1HA W183HLW0.1HO W183LTY0.1HA W183LTY0.1HO W183PNY0.1HA W183PNY0.1HO

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Twelve Seas Wind Speed at 2018/04

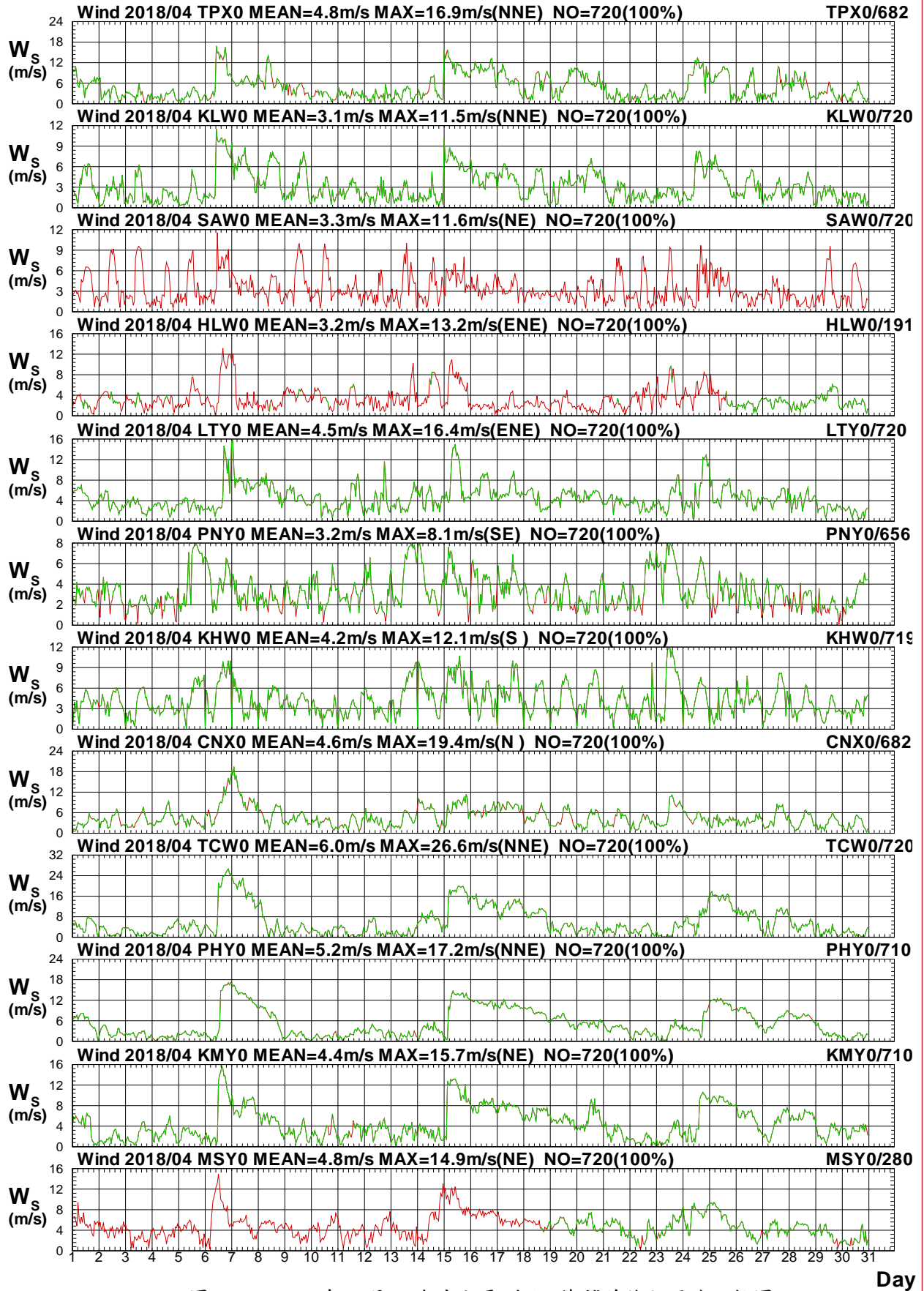


圖3.17 2018年4月12海域主要測站1修補前後之風速比較圖

W184TPX0.1HA W184TPX0.1H0 W184KLW0.1HA W184KLW0.1H0 W184SAW0.1HA W184SAW0.1H0
 W184HLW0.1HA W184HLW0.1H0 W184LTY0.1HA W184LTY0.1H0 W184PNY0.1HA W184PNY0.1H0

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Twelve Seas Wind Direction at 2018/04

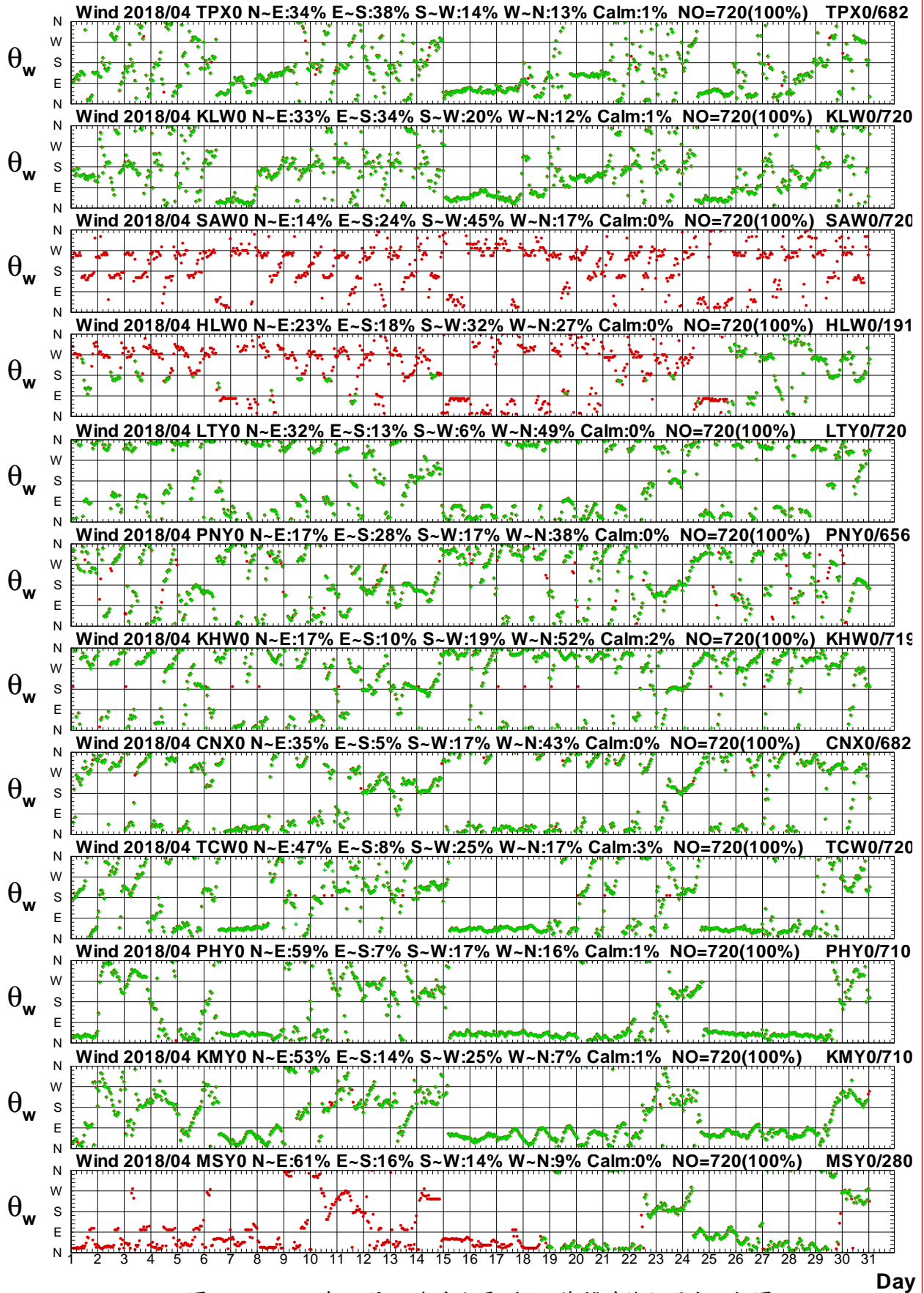


圖3.18 2018年4月12海域主要測站1修補前後之風向比較圖

W184TPX0.1HA W184TPX0.1HO W184KLW0.1HA W184KLW0.1HO W184SAW0.1HA W184SAW0.1HO
 W184HLW0.1HA W184HLW0.1HO W184LTY0.1HA W184LTY0.1HO W184PNY0.1HA W184PNY0.1HO

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Twelve Seas E-component of Wind at 2018/04

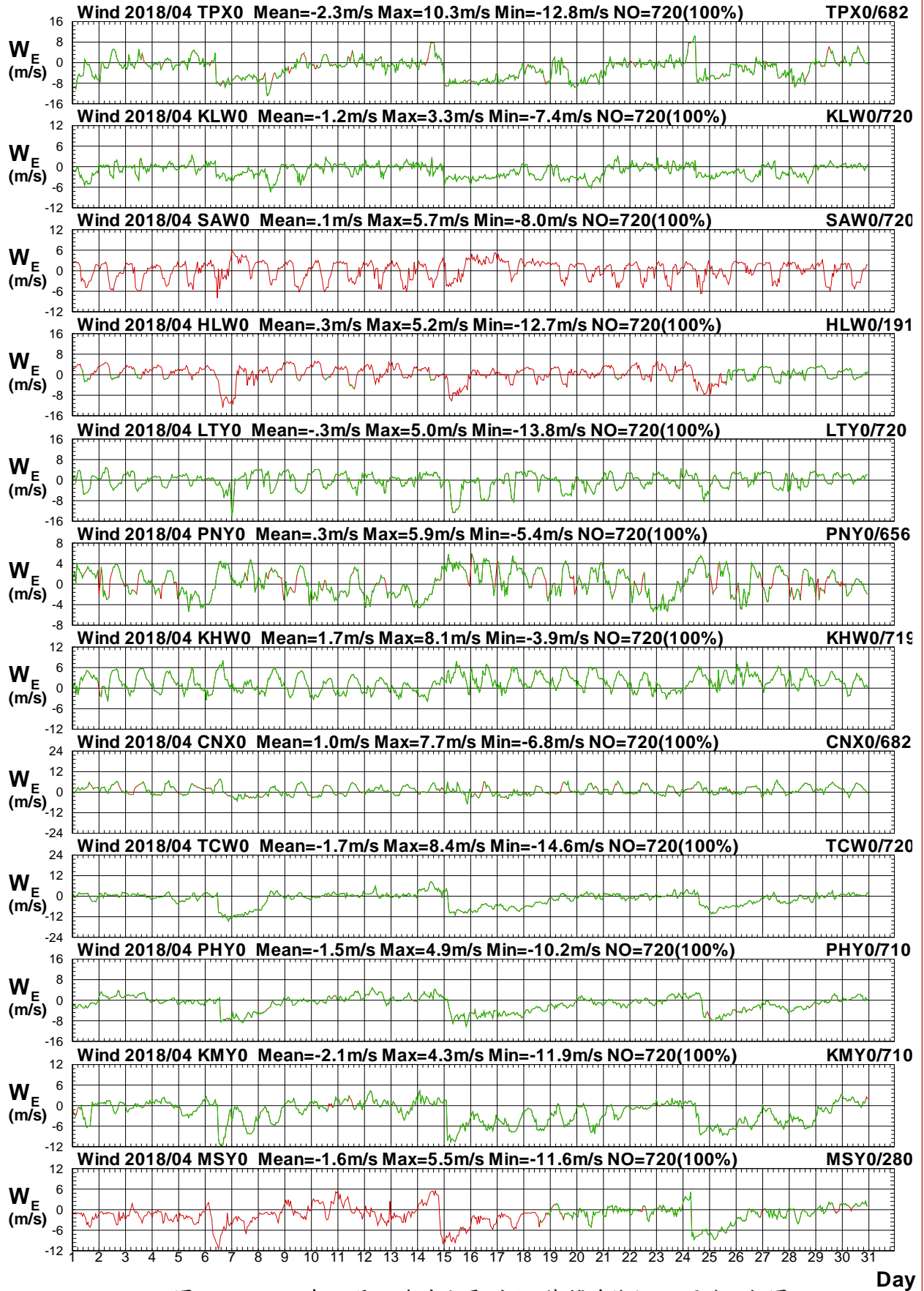


圖3.19 2018年4月12海域主要測站1修補前後之 E-風速比較圖

W184TPX0.1HA W184TPX0.1HO W184KLW0.1HA W184KLW0.1HO W184SAW0.1HA W184SAW0.1HO
 W184HLW0.1HA W184HLW0.1HO W184LTY0.1HA W184LTY0.1HO W184PNY0.1HA W184PNY0.1HO

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Twelve Seas N-component of Wind at 2018/04

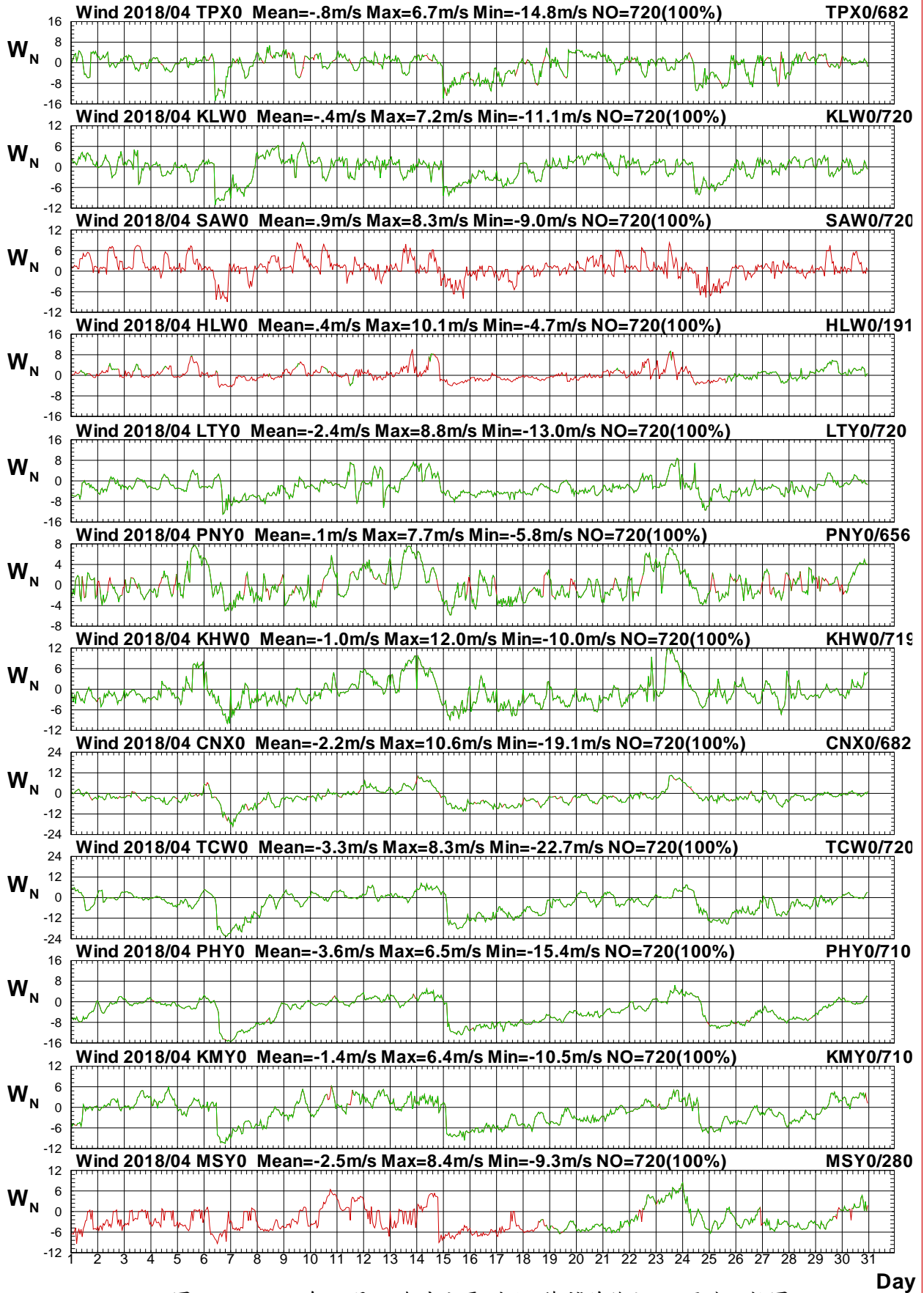


圖3.20 2018年4月12海域主要測站1修補前後之 N-風速比較圖

W184TPX0.1HA W184TPX0.1HO W184KLV0.1HA W184KLV0.1HO W184SAW0.1HA W184SAW0.1HO
 W184HLW0.1HA W184HLW0.1HO W184LTY0.1HA W184LTY0.1HO W184PNY0.1HA W184PNY0.1HO

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Twelve Seas Wind Speed at 2018/05

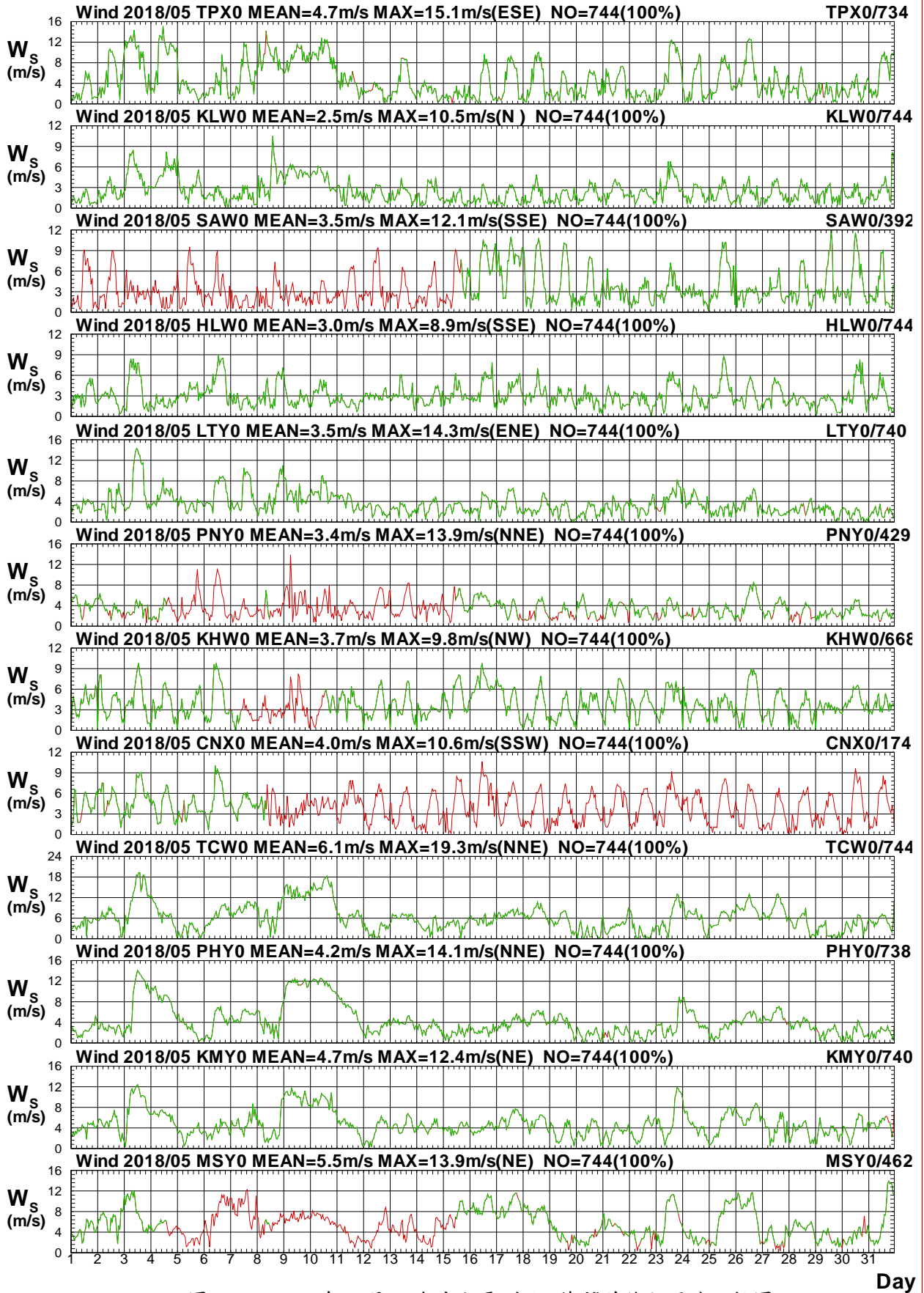


圖3.21 2018年5月12海域主要測站1修補前後之風速比較圖

W185TPX0.1HA W185TPX0.1HO W185KLW0.1HA W185KLW0.1HO W185SAW0.1HA W185SAW0.1HO
 W185HLW0.1HA W185HLW0.1HO W185LTY0.1HA W185LTY0.1HO W185PNY0.1HA W185PNY0.1HO

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Twelve Seas Wind Direction at 2018/05

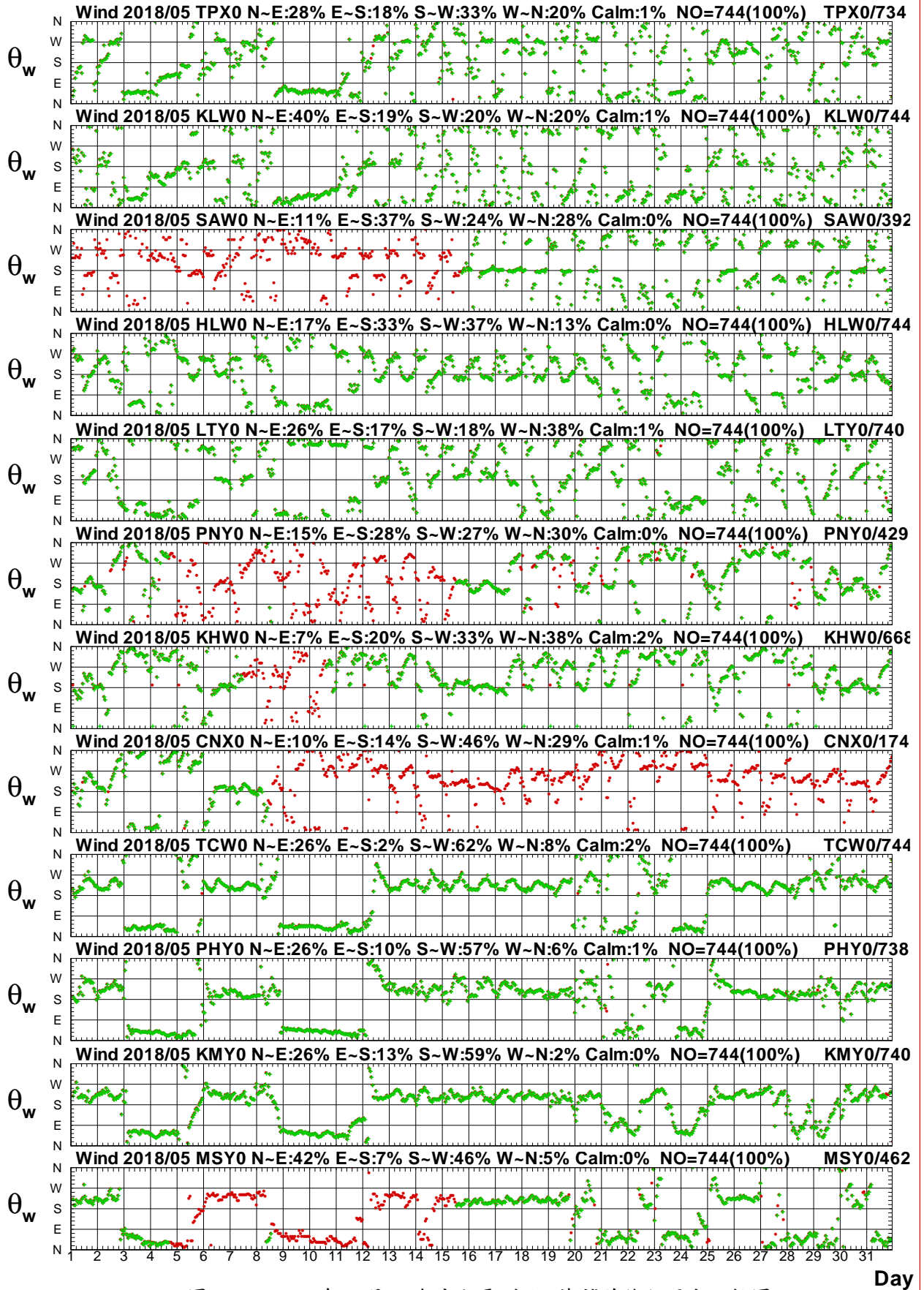


圖3.22 2018年5月12海域主要測站1修補前後之風向比較圖

W185TPX0.1HA W185TPX0.1HO W185KLW0.1HA W185KLW0.1HO W185SAW0.1HA W185SAW0.1HO
 W185HLW0.1HA W185HLW0.1HO W185LTY0.1HA W185LTY0.1HO W185PNY0.1HA W185PNY0.1HO

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Twelve Seas E-component of Wind at 2018/05

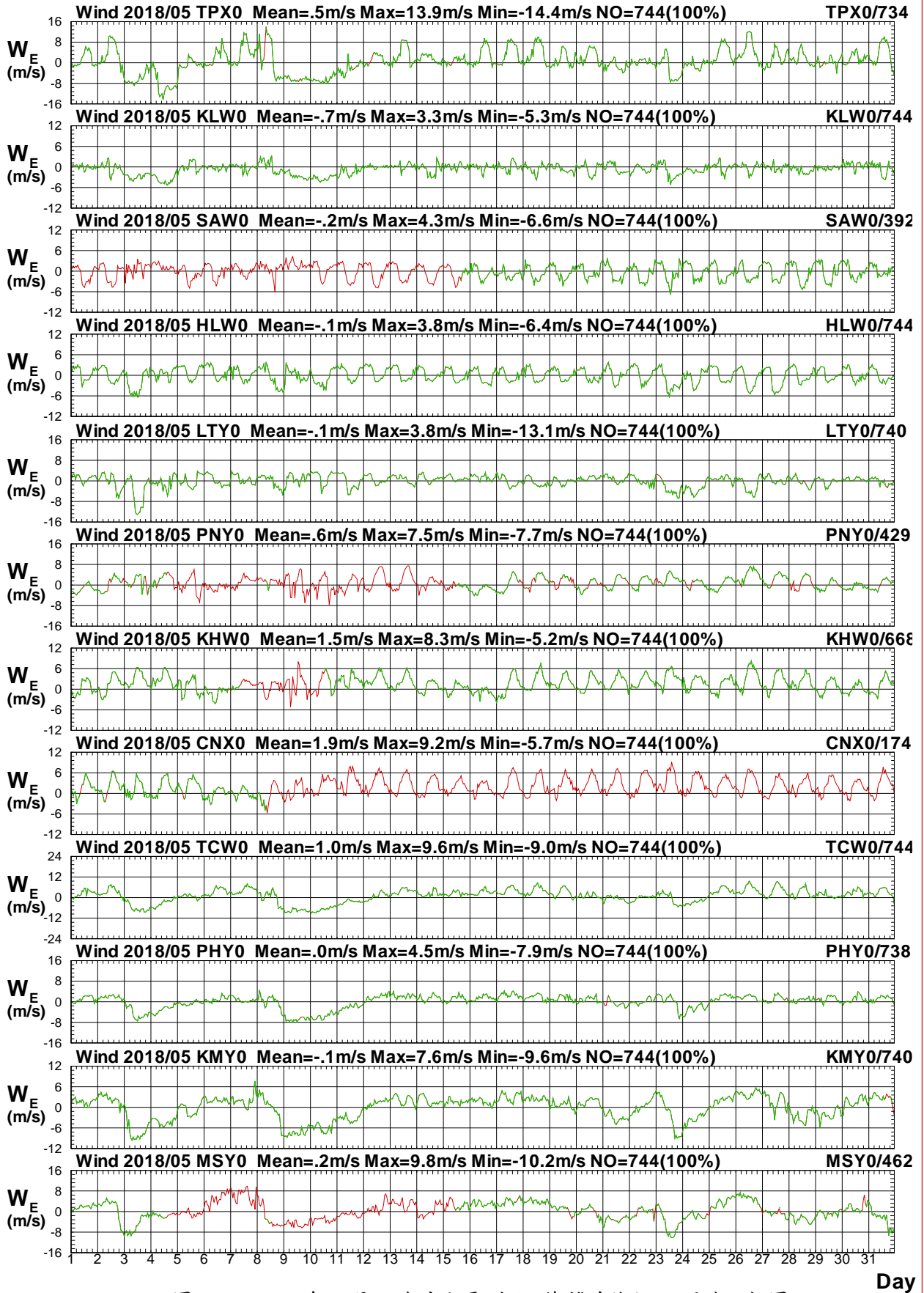


圖3.23 2018年5月12海域主要測站1修補前後之 E-風速比較圖

W185TPX0.1HA W185TPX0.1HO W185K LW0.1HA W185K LW0.1HO W185SA W0.1HA W185SA W0.1HO
 W185HL W0.1HA W185HL W0.1HO W185LT Y0.1HA W185LT Y0.1HO W185PNY0.1HA W185PNY0.1HO

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Twelve Seas N-component of Wind at 2018/05

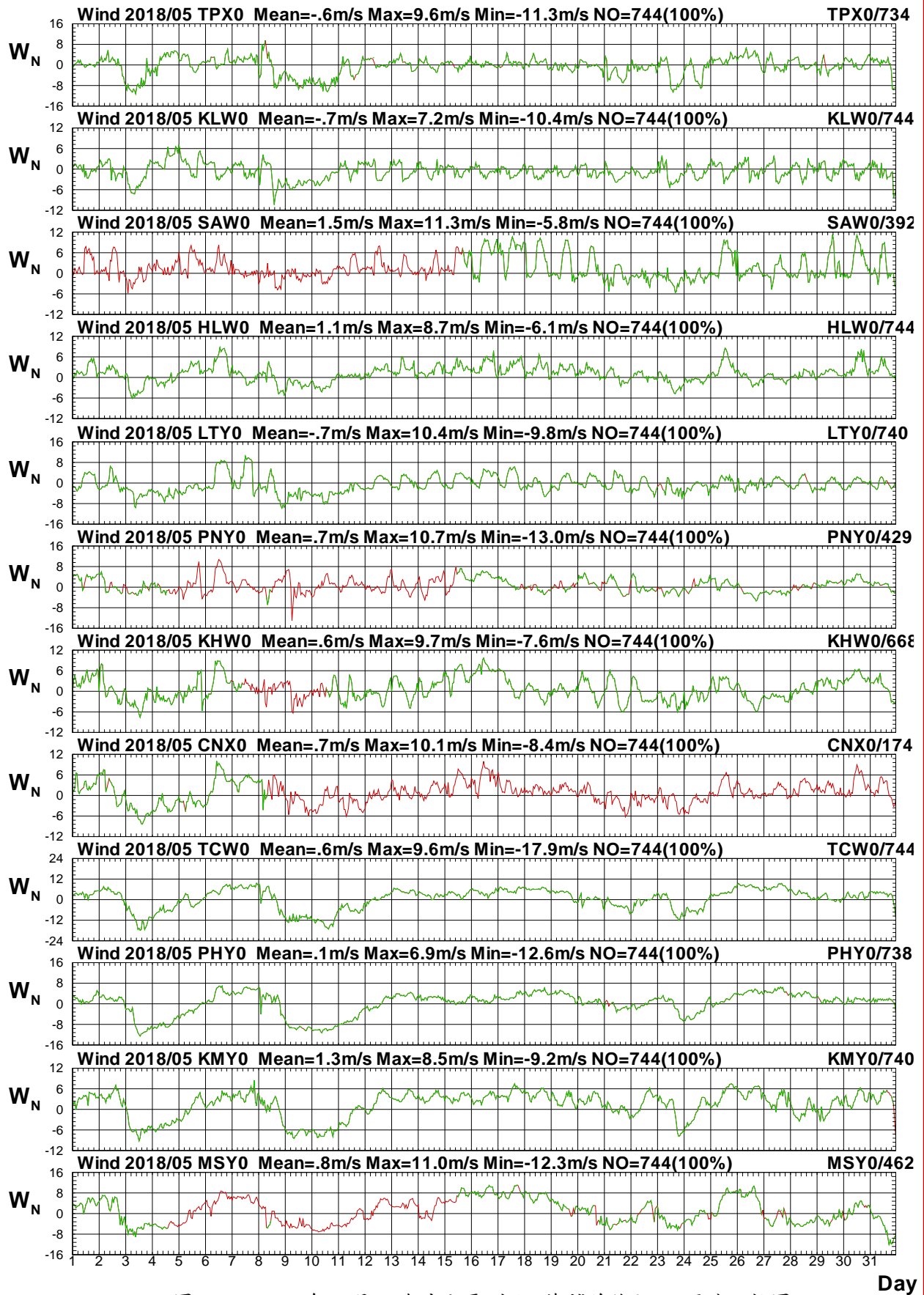


圖3.24 2018年5月12海域主要測站1修補前後之 N-風速比較圖

W185TPX0.1HA W185TPX0.1HO W185KLW0.1HA W185KLW0.1HO W185SAW0.1HA W185SAW0.1HO
 W185HLW0.1HA W185HLW0.1HO W185LTY0.1HA W185LTY0.1HO W185PNY0.1HA W185PNY0.1HO

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Twelve Seas Wind Speed at 2018/06

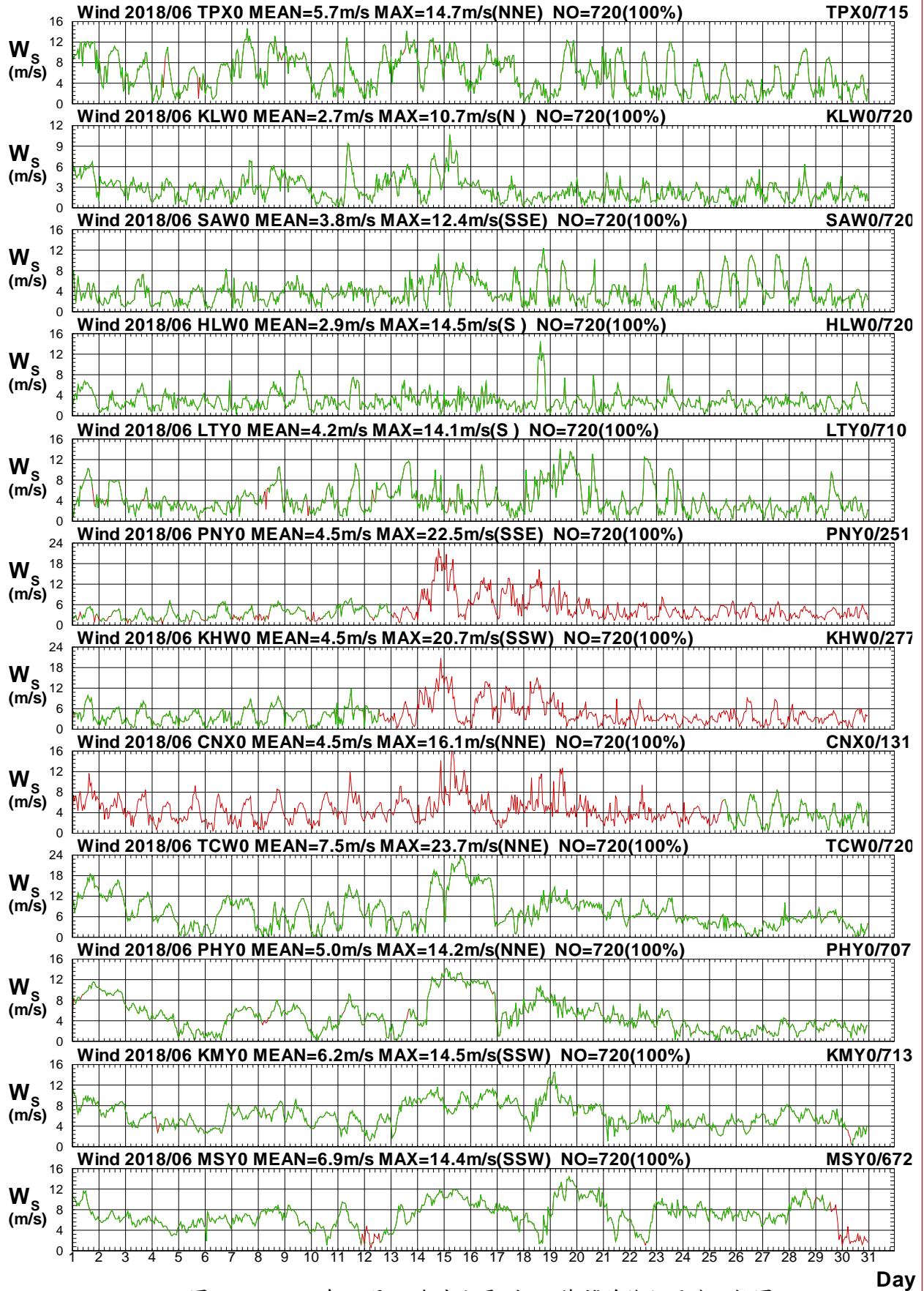


圖3.25 2018年6月12海域主要測站1修補前後之風速比較圖

W186TPX0.1HA W186TPX0.1HO W186KLW0.1HA W186KLW0.1HO W186SAW0.1HA W186SAW0.1HO
 W186HLW0.1HA W186HLW0.1HO W186LTY0.1HA W186LTY0.1HO W186PNY0.1HA W186PNY0.1HO

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Twelve Seas Wind Direction at 2018/06

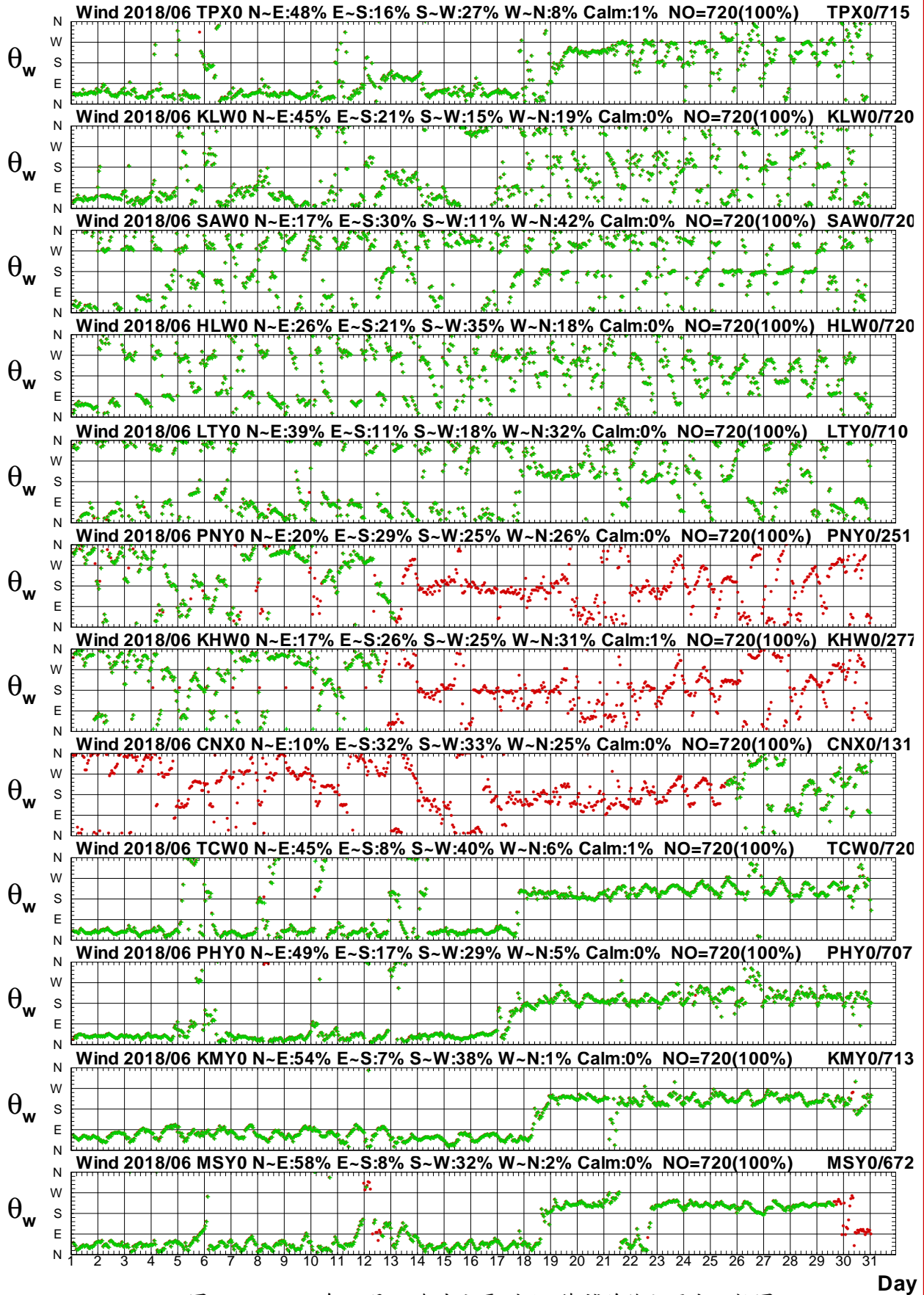


圖3.26 2018年6月12海域主要測站1修補前後之風向比較圖

W186TPX0.1HA W186TPX0.1HO W186KIW0.1HA W186KIW0.1HO W186SAW0.1HA W186SAW0.1HO
 W186HLW0.1HA W186HLW0.1HO W186LTY0.1HA W186LTY0.1HO W186PNY0.1HA W186PNY0.1HO

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Twelve Seas E-component of Wind at 2018/06

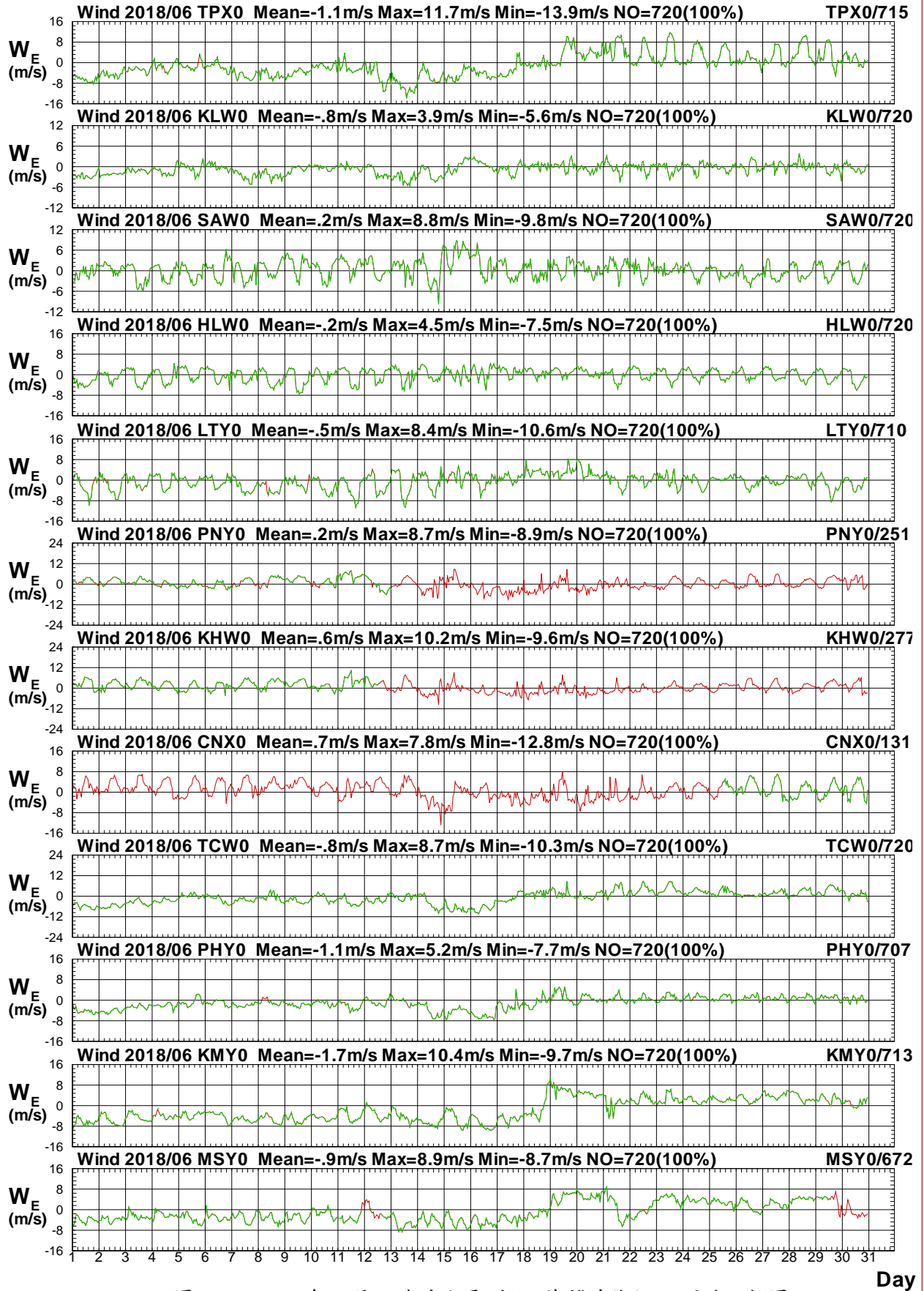


圖3.27 2018年6月12海域主要測站1修補前後之 E-風速比較圖

W186TPX0.1HA W186TPX0.1HO W186KLW0.1HA W186KLW0.1HO W186SAW0.1HA W186SAW0.1HO
 W186HLW0.1HA W186HLW0.1HO W186LTY0.1HA W186LTY0.1HO W186PNY0.1HA W186PNY0.1HO

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Twelve Seas N-component of Wind at 2018/06

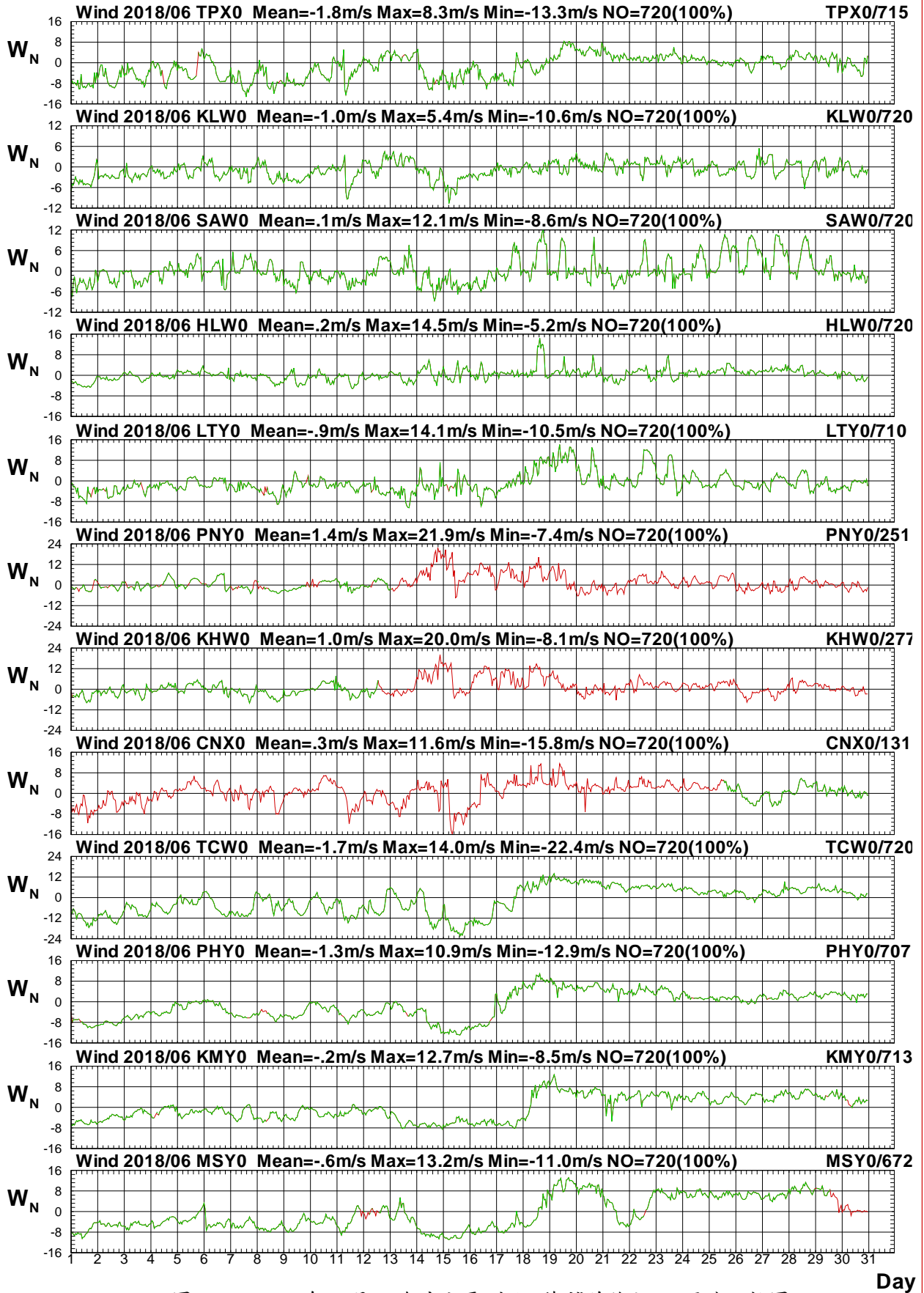


圖3.28 2018年6月12海域主要測站1修補前後之 N-風速比較圖

W186TPX0.1HA W186TPX0.1HO W186KLOW.1HA W186KLOW.1HO W186SAW0.1HA W186SAW0.1HO
 W186HLW0.1HA W186HLW0.1HO W186LTY0.1HA W186LTY0.1HO W186PNY0.1HA W186PNY0.1HO

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Twelve Seas Wind Speed at 2018/07

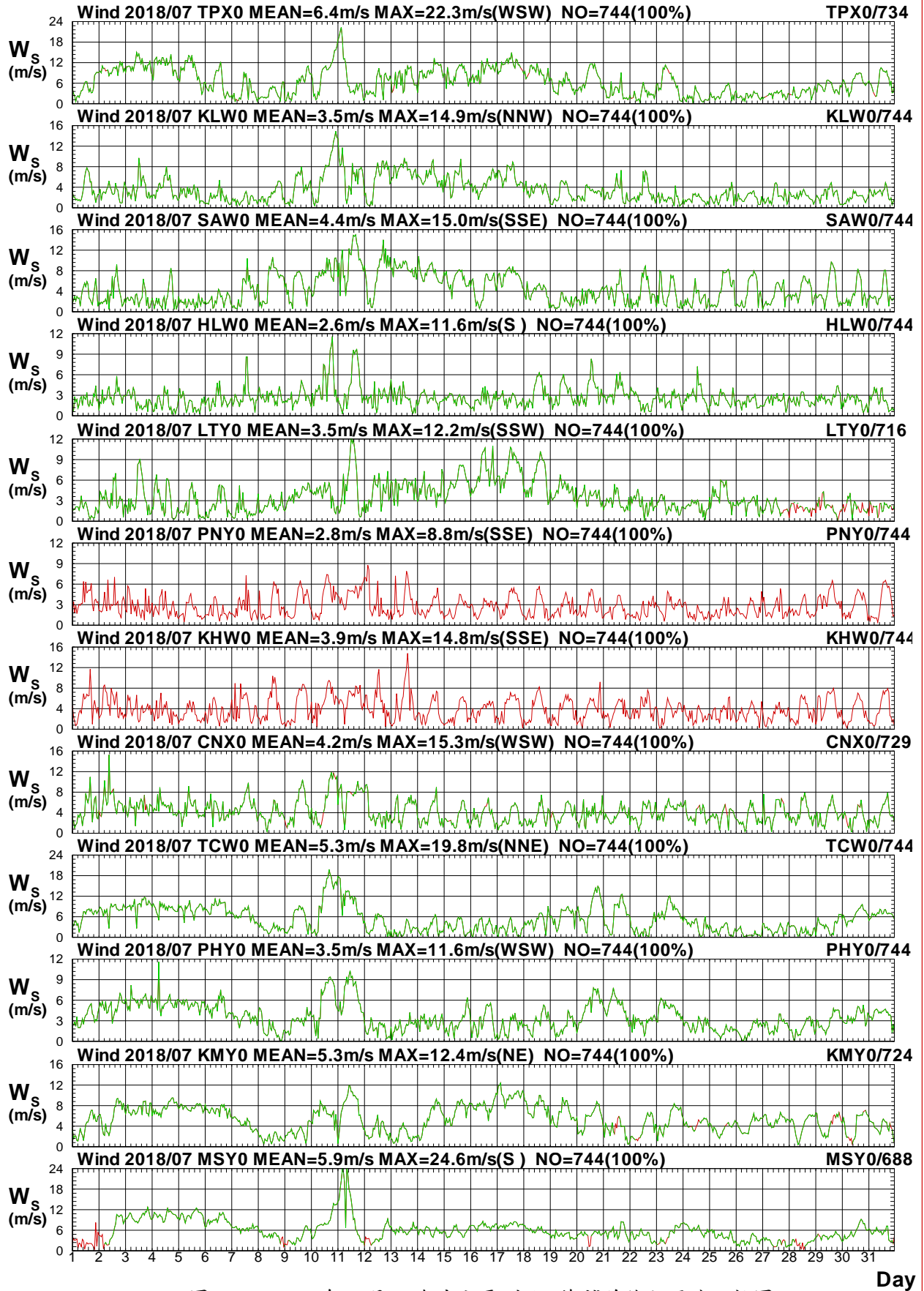


圖3.29 2018年7月12海域主要測站1修補前後之風速比較圖

W187TPX0.1HA W187TPX0.1HO W187KLW0.1HA W187KLW0.1HO W187SAW0.1HA W187SAW0.1HO
 W187HLW0.1HA W187HLW0.1HO W187LTY0.1HA W187LTY0.1HO W187PNY0.1HA W187PNY0.1HO

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Twelve Seas Wind Direction at 2018/07

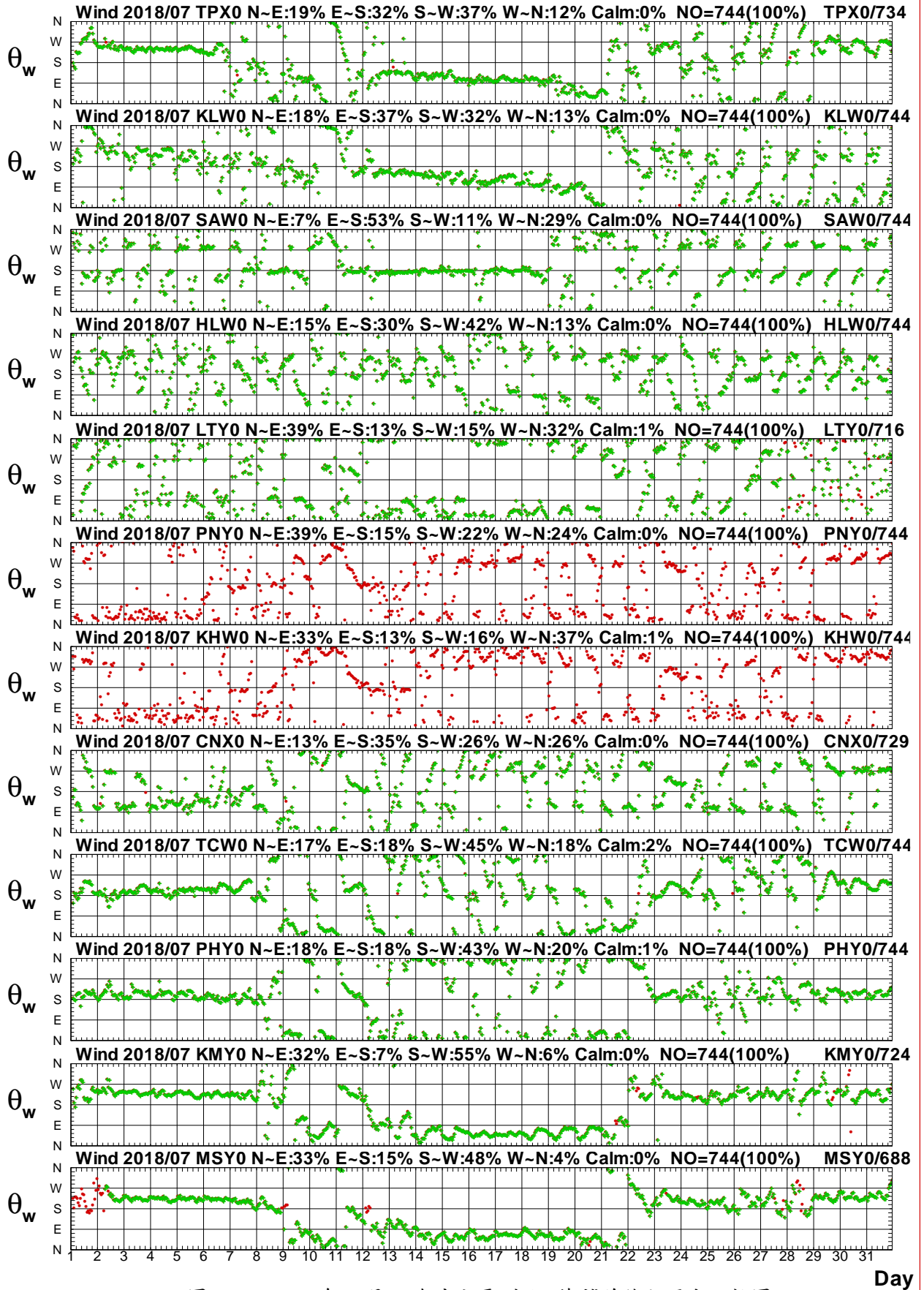


圖3.30 2018年7月12海域主要測站1修補前後之風向比較圖

W187TPX0.1HA W187TPX0.1HO W187K LW0.1HA W187K LW0.1HO W187SAW0.1HA W187SAW0.1HO
 W187HLW0.1HA W187HLW0.1HO W187LTY0.1HA W187LTY0.1HO W187PNY0.1HA W187PNY0.1HO

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Twelve Seas E-component of Wind at 2018/07

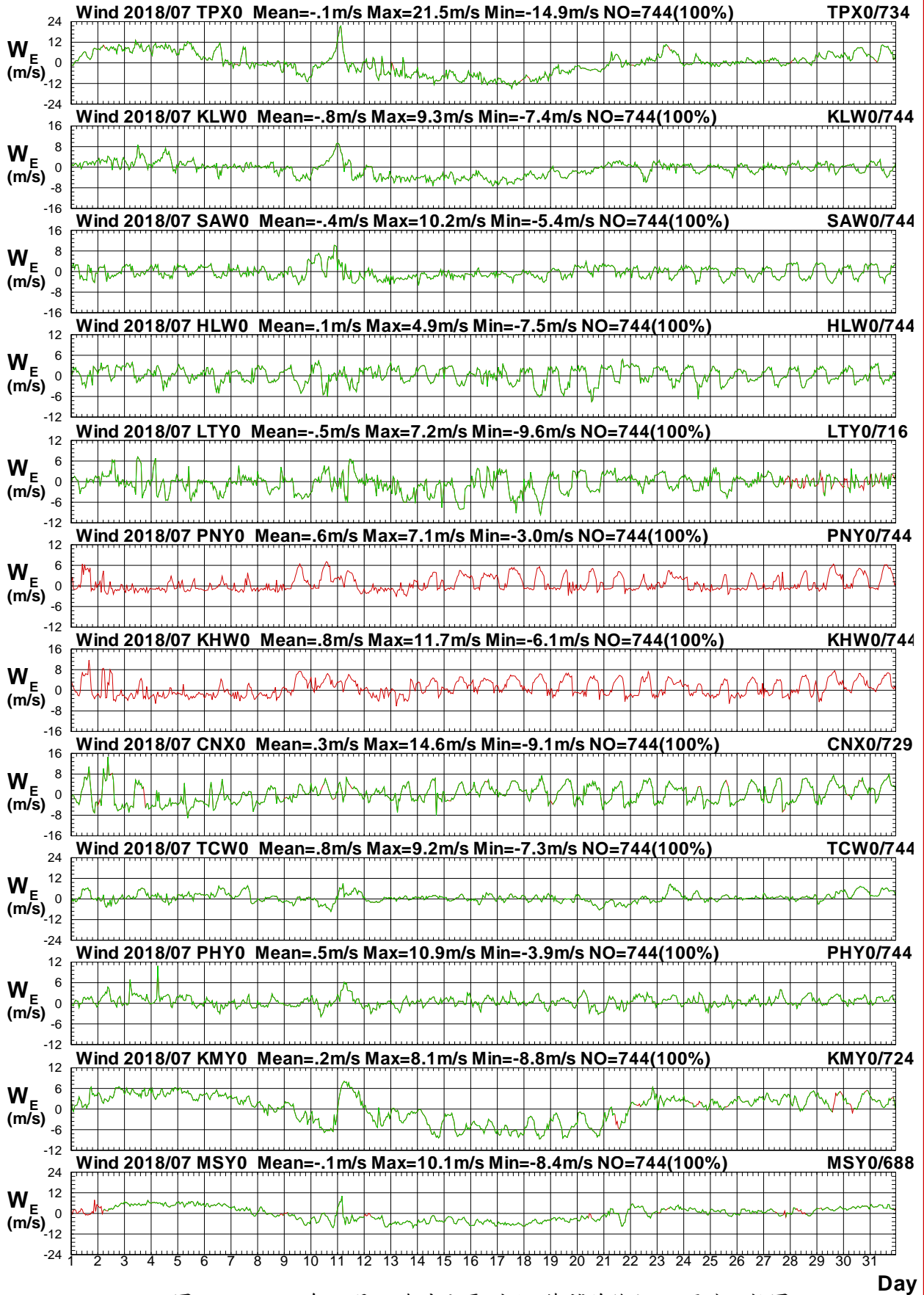


圖3.31 2018年7月12海域主要測站1修補前後之 E-風速比較圖

W187TPX0.1HA W187TPX0.1HO W187KLW0.1HA W187KLW0.1HO W187SAW0.1HA W187SAW0.1HO
 W187HLW0.1HA W187HLW0.1HO W187LTY0.1HA W187LTY0.1HO W187PNY0.1HA W187PNY0.1HO

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Twelve Seas N-component of Wind at 2018/07

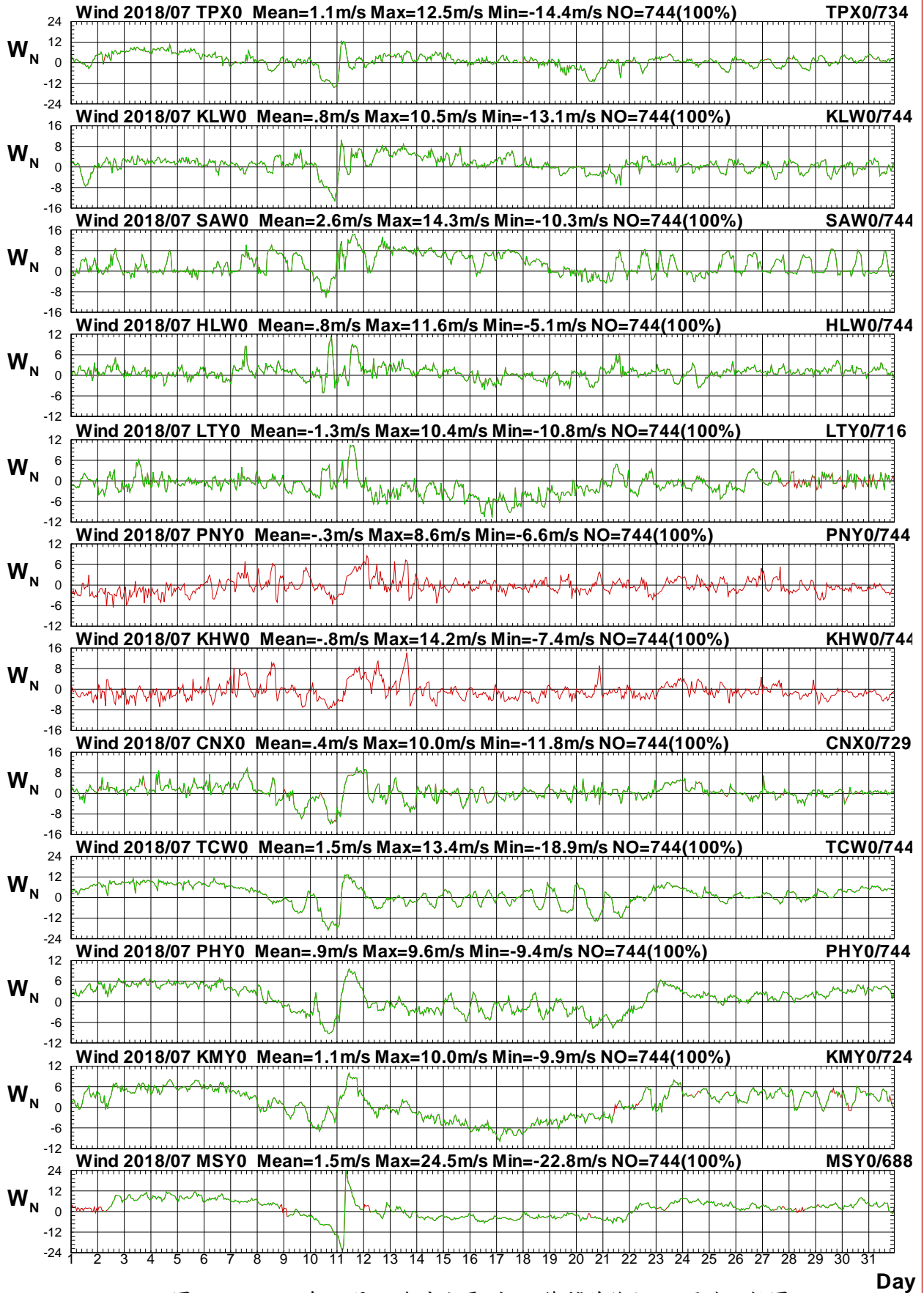


圖3.32 2018年7月12海域主要測站1修補前後之 N-風速比較圖

W187TPX0.1HA W187TPX0.1HO W187KLW0.1HA W187KLW0.1HO W187SAW0.1HA W187SAW0.1HO
W187HLW0.1HA W187HLW0.1HO W187LTY0.1HA W187LTY0.1HO W187PNY0.1HA W187PNY0.1HO

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Twelve Seas Wind Speed at 2018/08

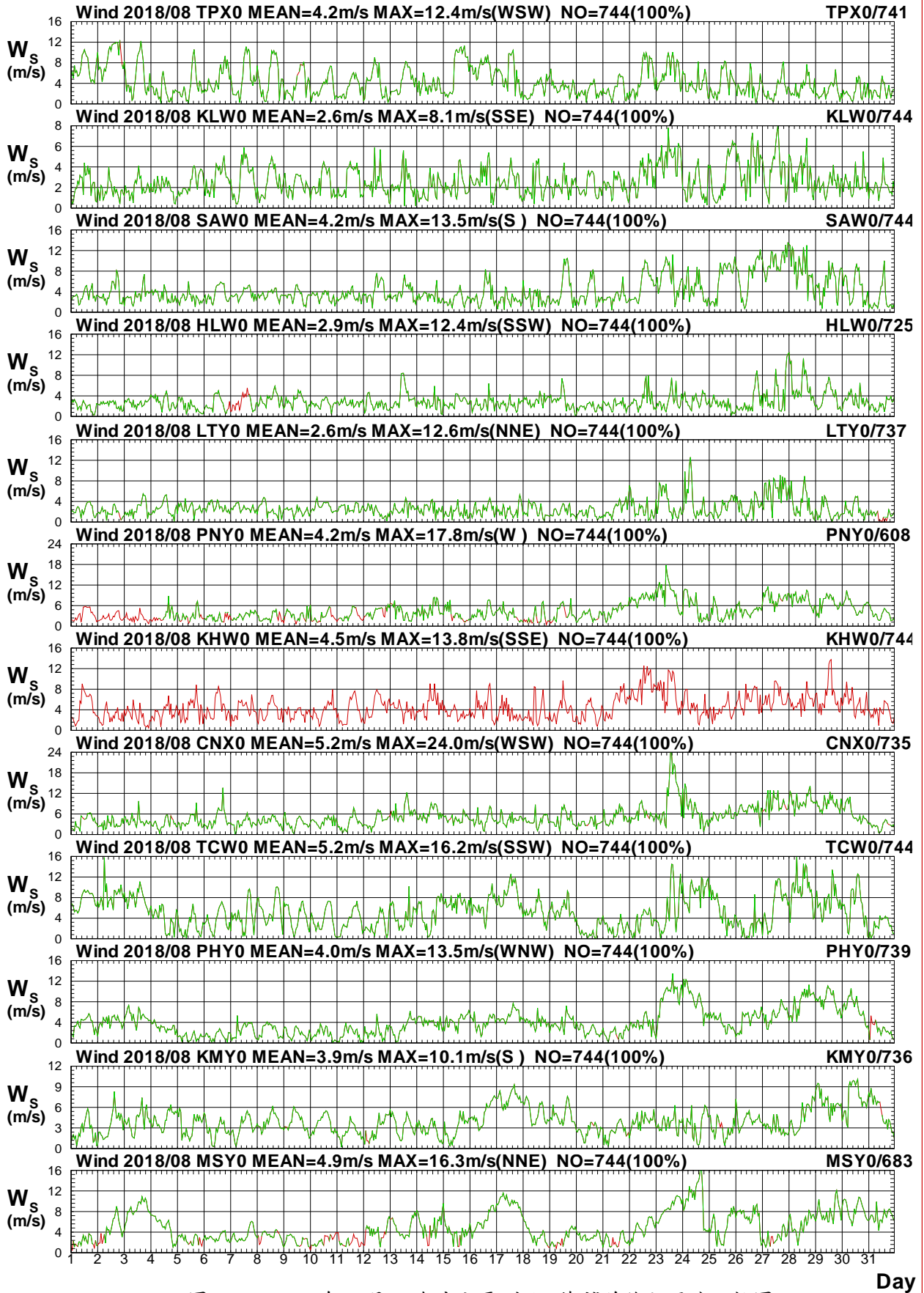


圖3.33 2018年8月12海域主要測站1修補前後之風速比較圖

W188TPX0.1HA W188TPX0.1HO W188KLW0.1HA W188KLW0.1HO W188SAW0.1HA W188SAW0.1HO
 W188HLW0.1HA W188HLW0.1HO W188LTY0.1HA W188LTY0.1HO W188PNY0.1HA W188PNY0.1HO

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Twelve Seas Wind Direction at 2018/08

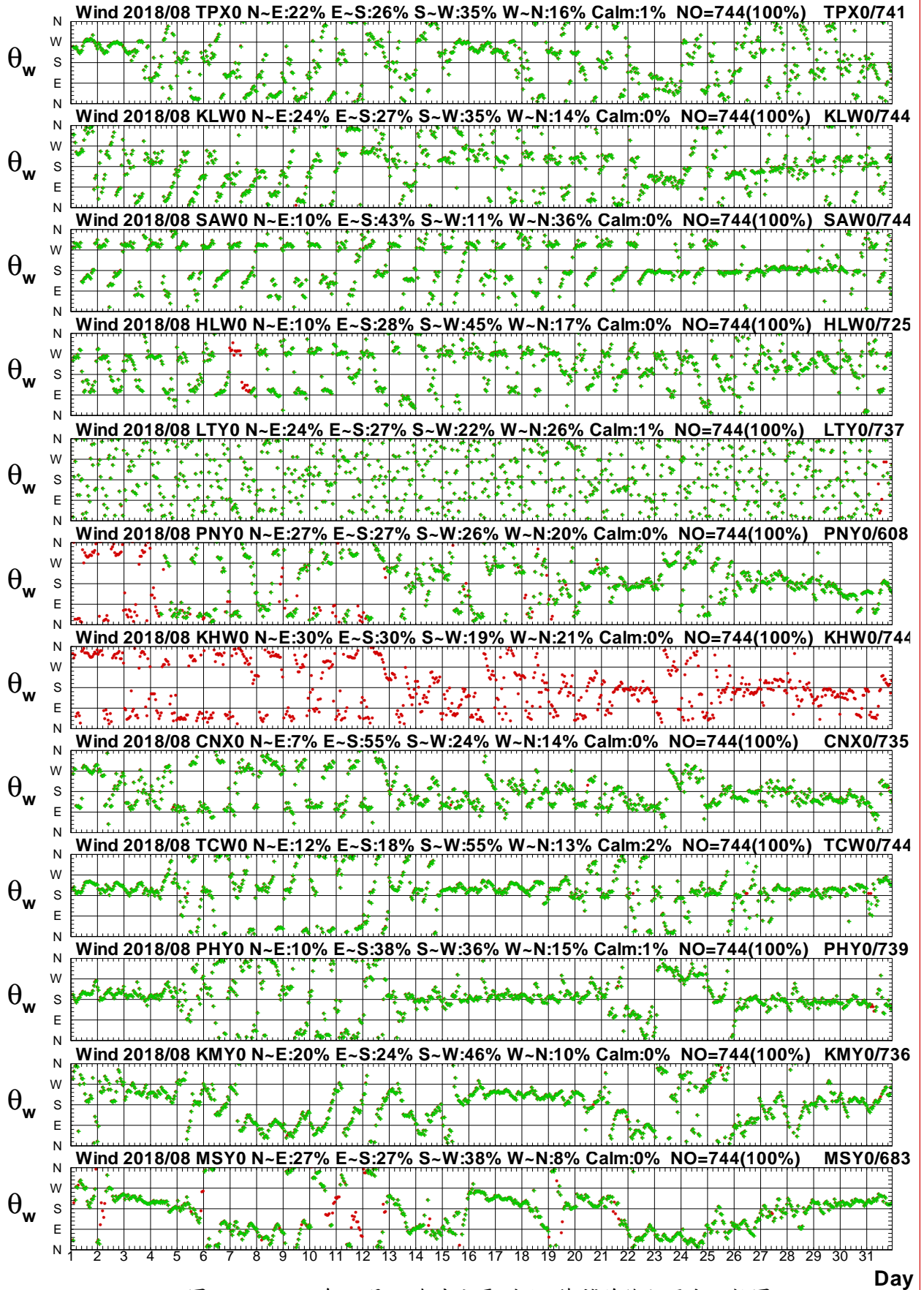


圖3.34 2018年8月12海域主要測站1修補前後之風向比較圖

W188TPX0.1HA W188TPX0.1HO W188KIW0.1HA W188KIW0.1HO W188SAW0.1HA W188SAW0.1HO
 W188HLW0.1HA W188HLW0.1HO W188LTY0.1HA W188LTY0.1HO W188PNY0.1HA W188PNY0.1HO

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Twelve Seas E-component of Wind at 2018/08

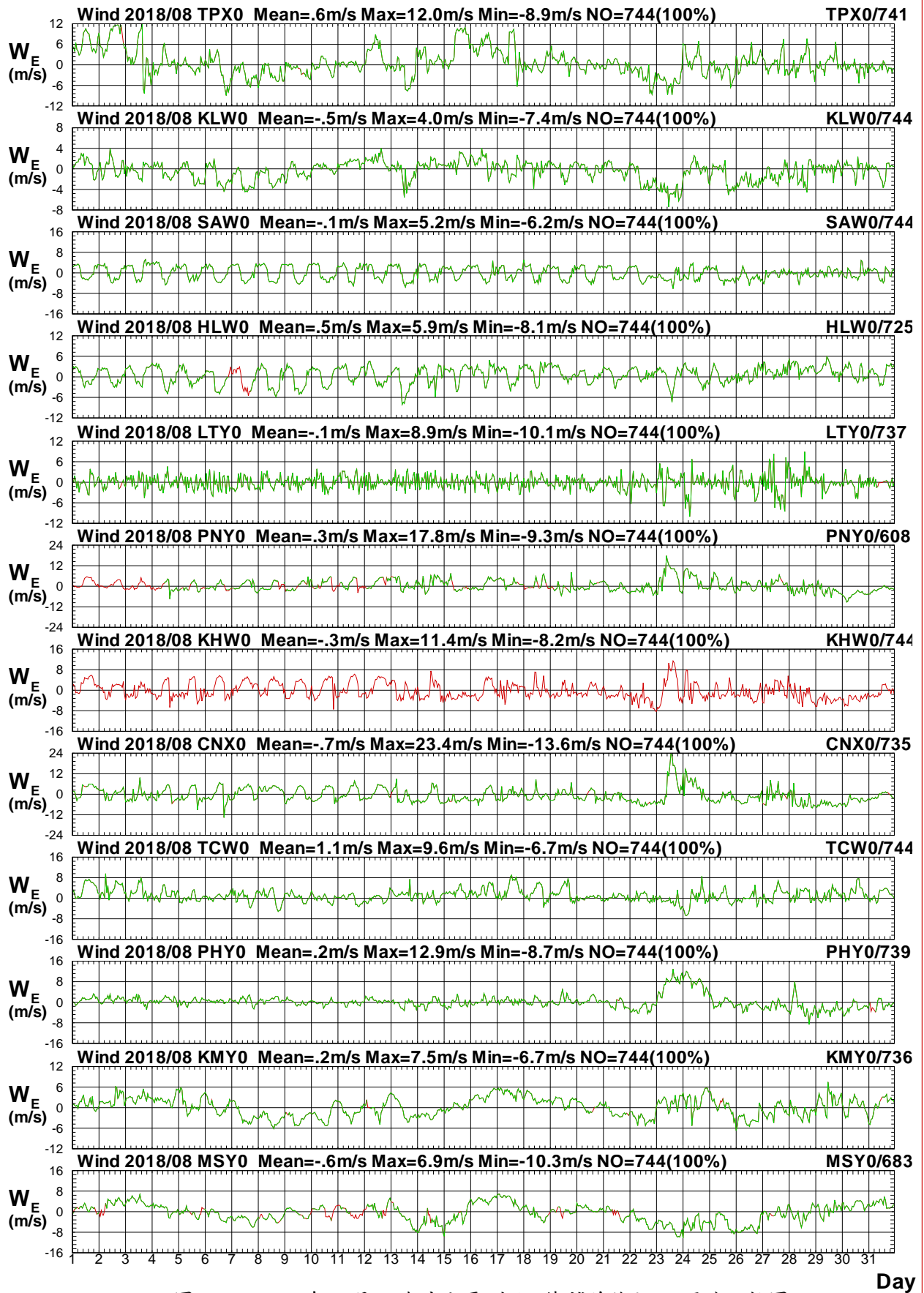


圖3.35 2018年8月12海域主要測站1修補前後之 E-風速比較圖

W188TPX0.1HA W188TPX0.1H0 W188KLW0.1HA W188KLW0.1H0 W188SAW0.1HA W188SAW0.1H0
 W188HLW0.1HA W188HLW0.1H0 W188LTY0.1HA W188LTY0.1H0 W188PNY0.1HA W188PNY0.1H0

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Twelve Seas N-component of Wind at 2018/08

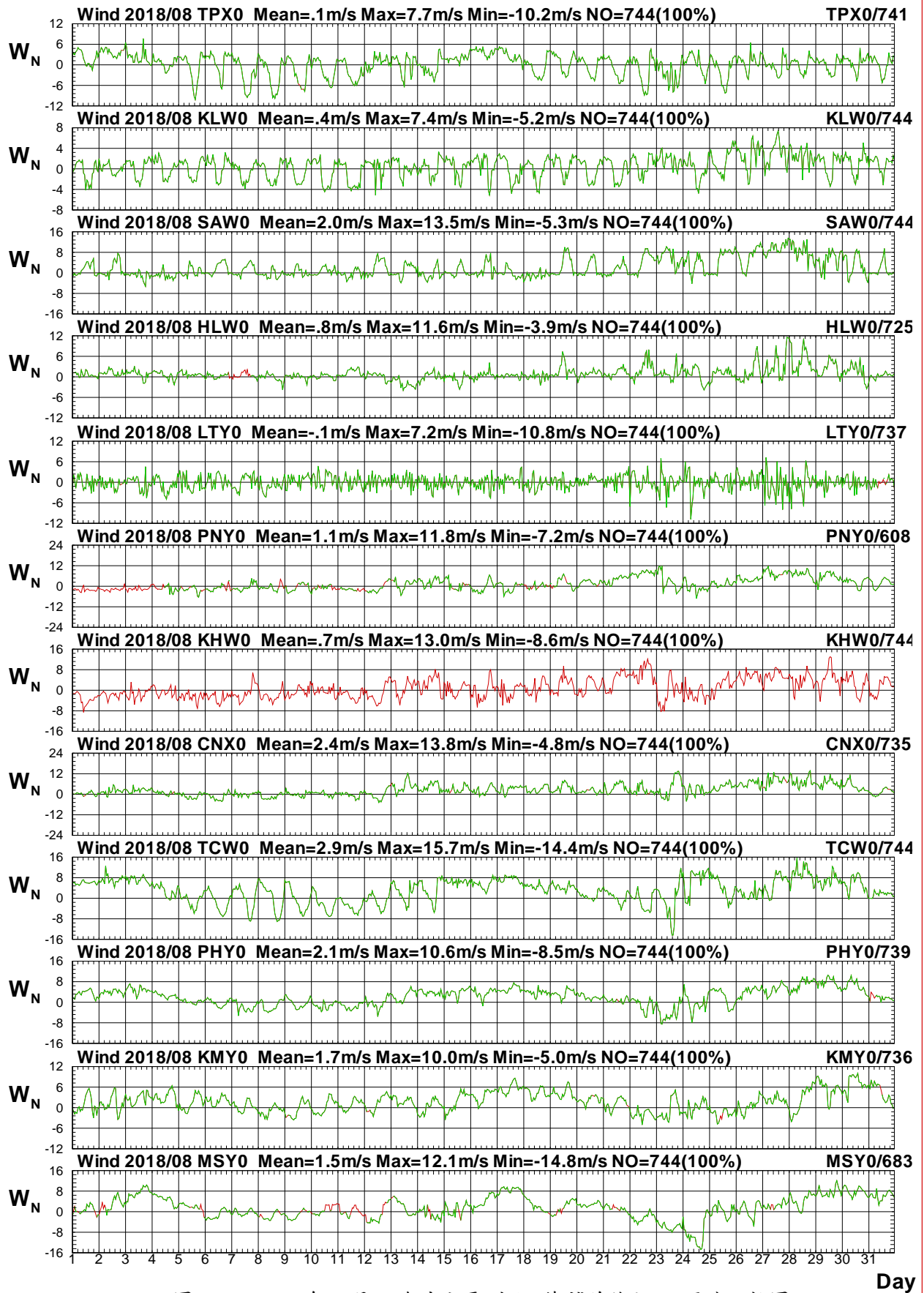


圖3.36 2018年8月12海域主要測站1修補前後之 N-風速比較圖

W188TPX0.1HA W188TPX0.1HO W188KLW0.1HA W188KLW0.1HO W188SAW0.1HA W188SAW0.1HO
 W188HLW0.1HA W188HLW0.1HO W188LTY0.1HA W188LTY0.1HO W188PNY0.1HA W188PNY0.1HO

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Twelve Seas Wind Speed at 2018/09

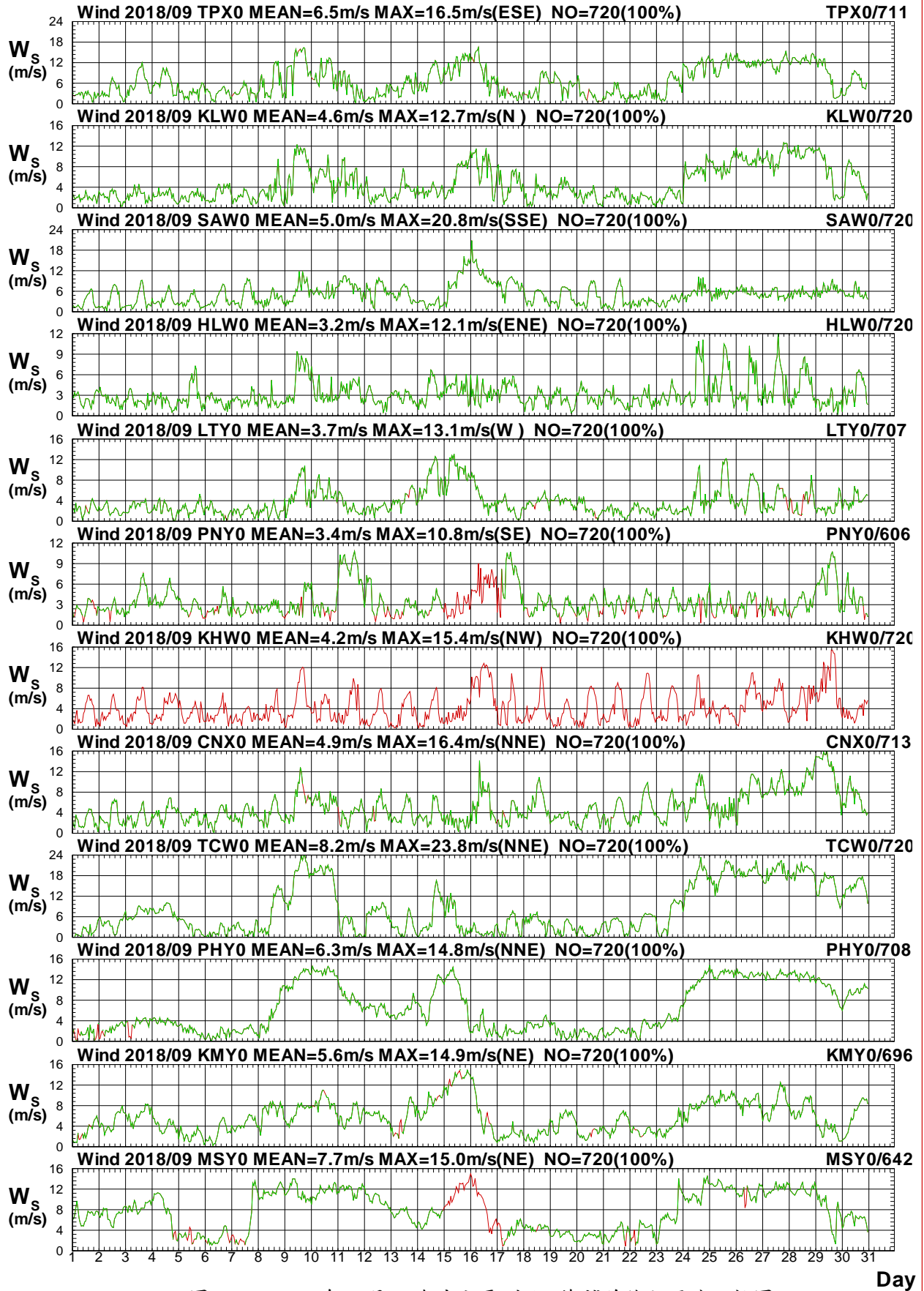


圖3.37 2018年9月12海域主要測站1修補前後之風速比較圖

W189TPX0.1HA W189TPX0.1H0 W189KLW0.1HA W189KLW0.1H0 W189SAW0.1HA W189SAW0.1H0
 W189HLW0.1HA W189HLW0.1H0 W189LTY0.1HA W189LTY0.1H0 W189PNY0.1HA W189PNY0.1H0

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Twelve Seas Wind Direction at 2018/09

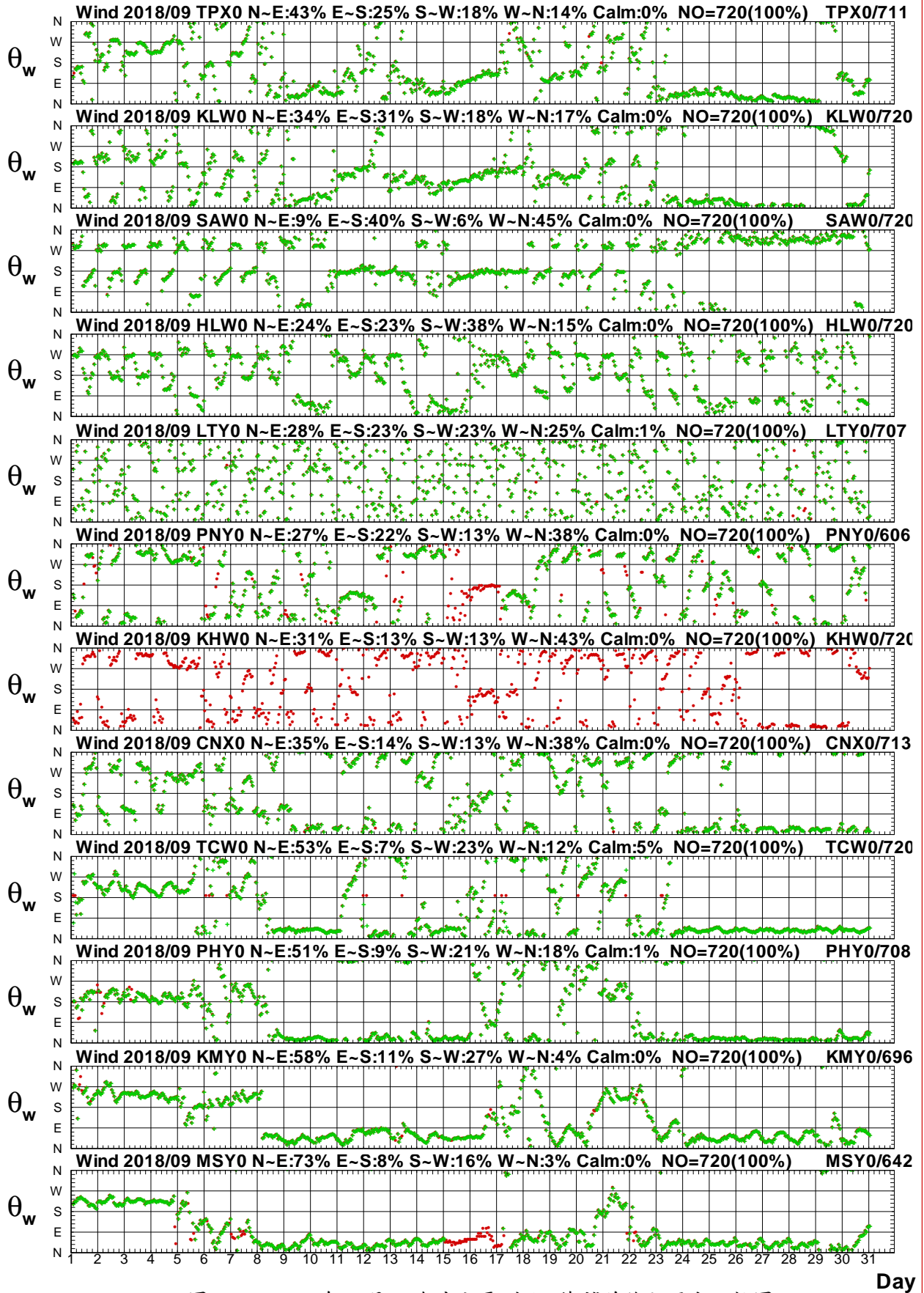


圖3.38 2018年9月12海域主要測站1修補前後之風向比較圖

W189TPX0.1HA W189TPX0.1HO W189KLV0.1HA W189KLV0.1HO W189SAW0.1HA W189SAW0.1HO
 W189HLW0.1HA W189HLW0.1HO W189LTY0.1HA W189LTY0.1HO W189PNY0.1HA W189PNY0.1HO

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Twelve Seas E-component of Wind at 2018/09

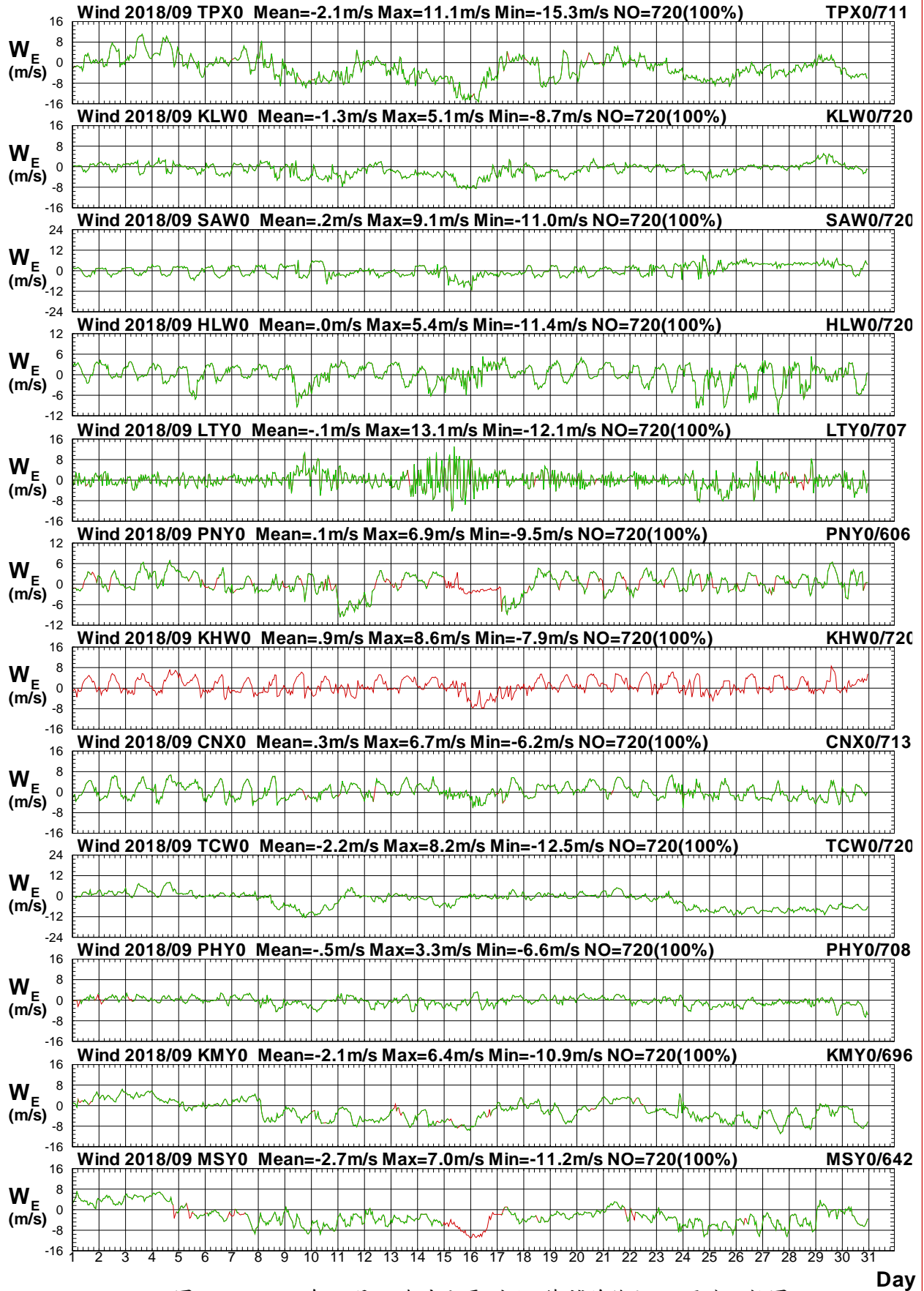


圖3.39 2018年9月12海域主要測站1修補前後之 E-風速比較圖

W189TPX0.1HA W189TPX0.1H0 W189KLW0.1HA W189KLW0.1H0 W189SAW0.1HA W189SAW0.1H0
 W189HLW0.1HA W189HLW0.1H0 W189LTY0.1HA W189LTY0.1H0 W189PNY0.1HA W189PNY0.1H0

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Twelve Seas N-component of Wind at 2018/09

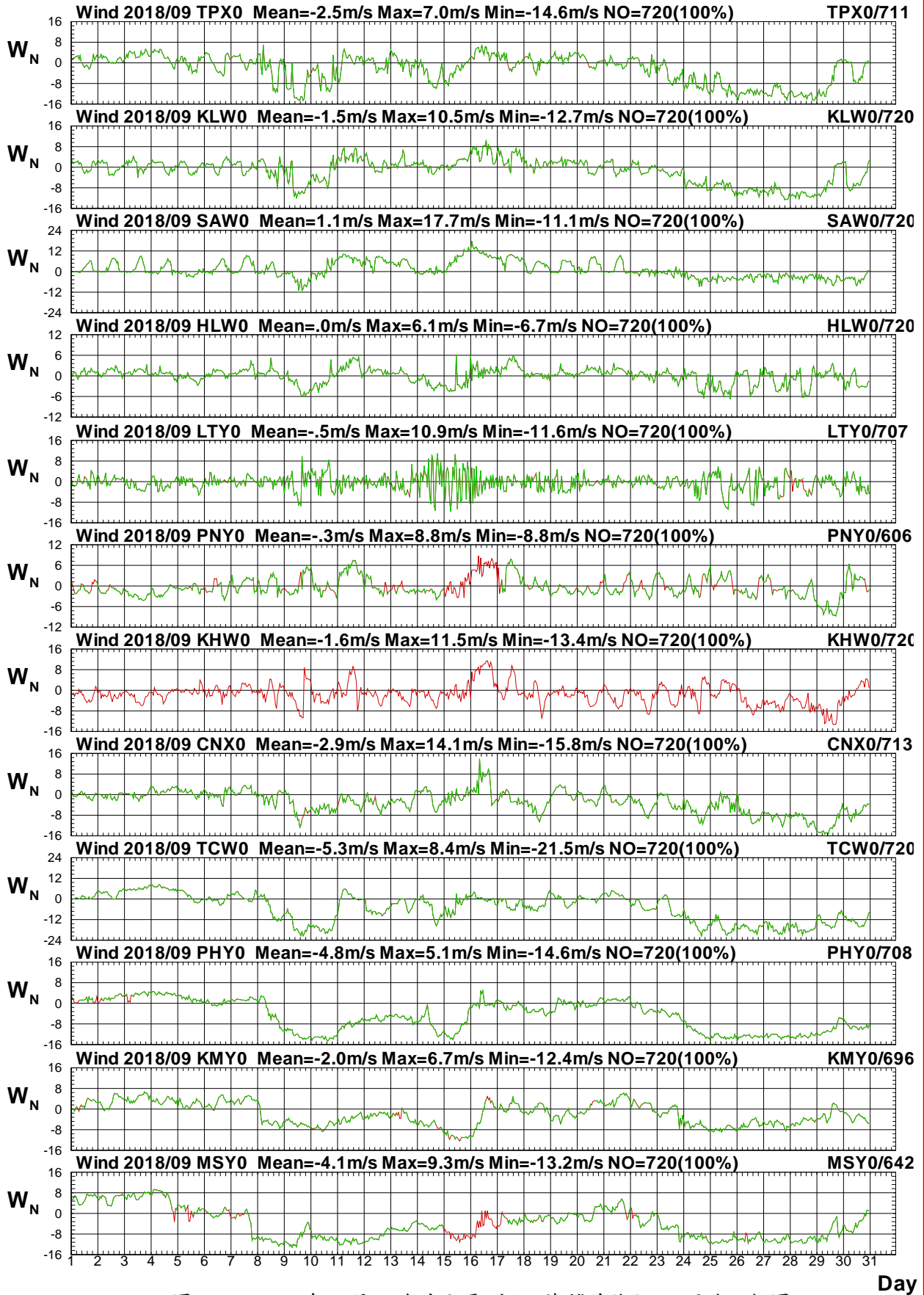


圖3.40 2018年9月12海域主要測站1修補前後之 N-風速比較圖

W189TPX0.1HA W189TPX0.1HO W189KLW0.1HA W189KLW0.1HO W189SAW0.1HA W189SAW0.1HO
 W189HLW0.1HA W189HLW0.1HO W189LTY0.1HA W189LTY0.1HO W189PNY0.1HA W189PNY0.1HO

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Twelve Seas Wind Speed at 2018/10

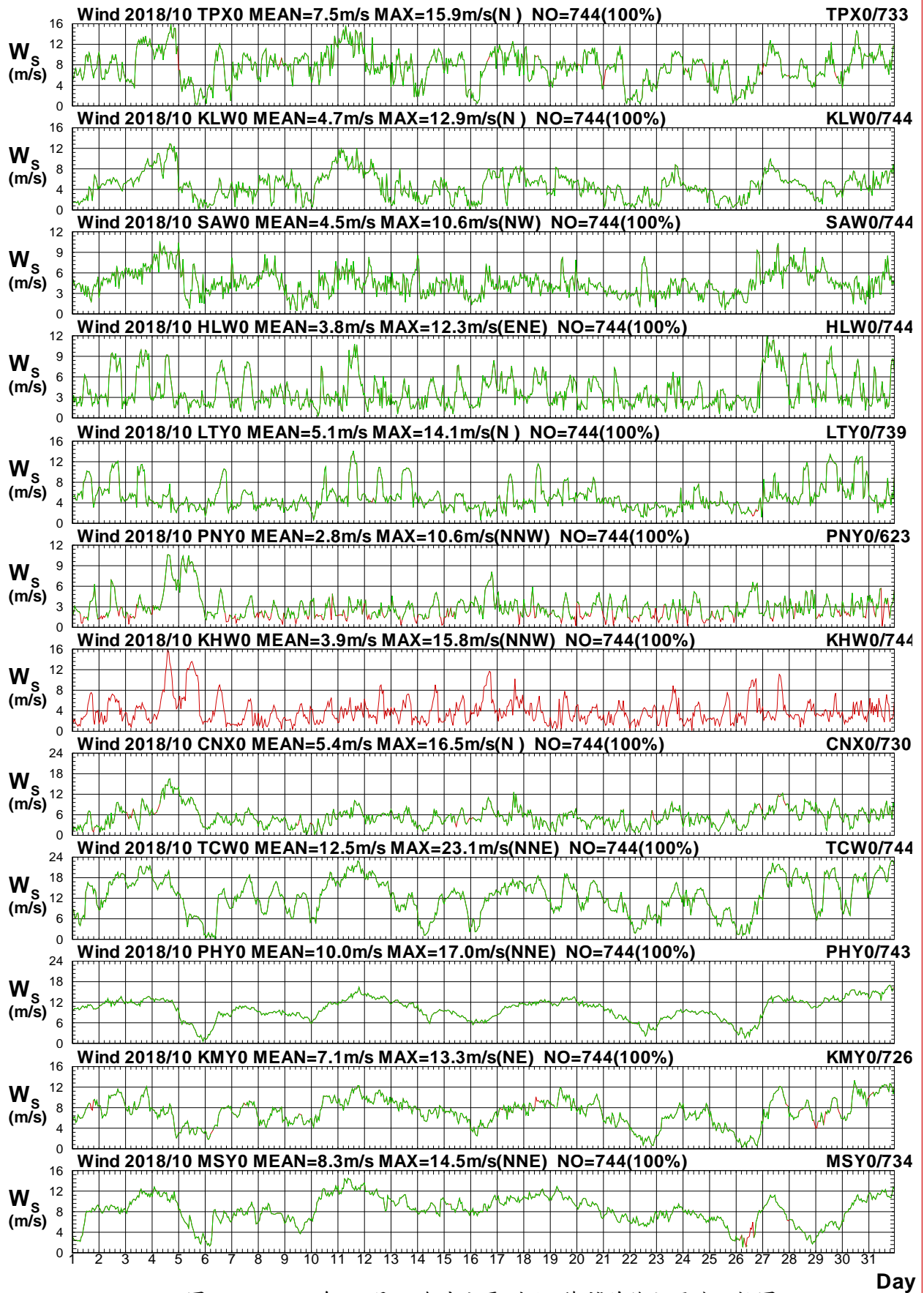


圖3.41 2018年10月12海域主要測站1修補前後之風速比較圖

W18ATPX0.1HA W18ATPX0.1H0 W18AKLW0.1HA W18AKLW0.1H0 W18ASAW0.1HA W18ASAW0.1H0
 W18AHLW0.1HA W18AHLW0.1H0 W18ALTY0.1HA W18ALTY0.1H0 W18APNY0.1HA W18APNY0.1H0

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Twelve Seas Wind Direction at 2018/10

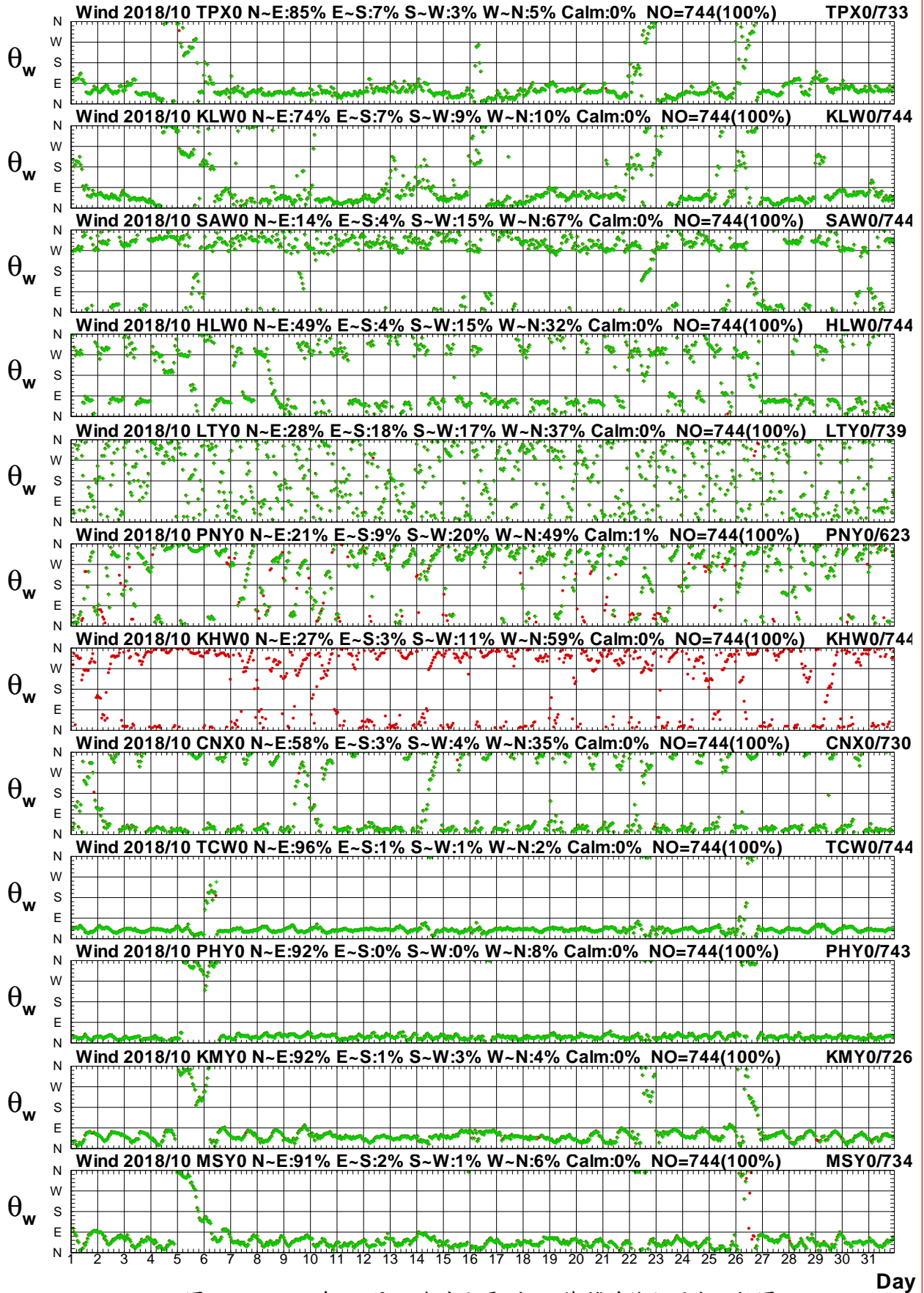


圖3.42 2018年10月12海域主要測站1修補前後之風向比較圖

W18ATPX0.1HA W18ATPX0.1H0 W18AKLW0.1HA W18AKLW0.1H0 W18ASAW0.1HA W18ASAW0.1H0
 W18AHLW0.1HA W18AHLW0.1H0 W18ALTY0.1HA W18ALTY0.1H0 W18APNY0.1HA W18APNY0.1H0

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Twelve Seas E-component of Wind at 2018/10

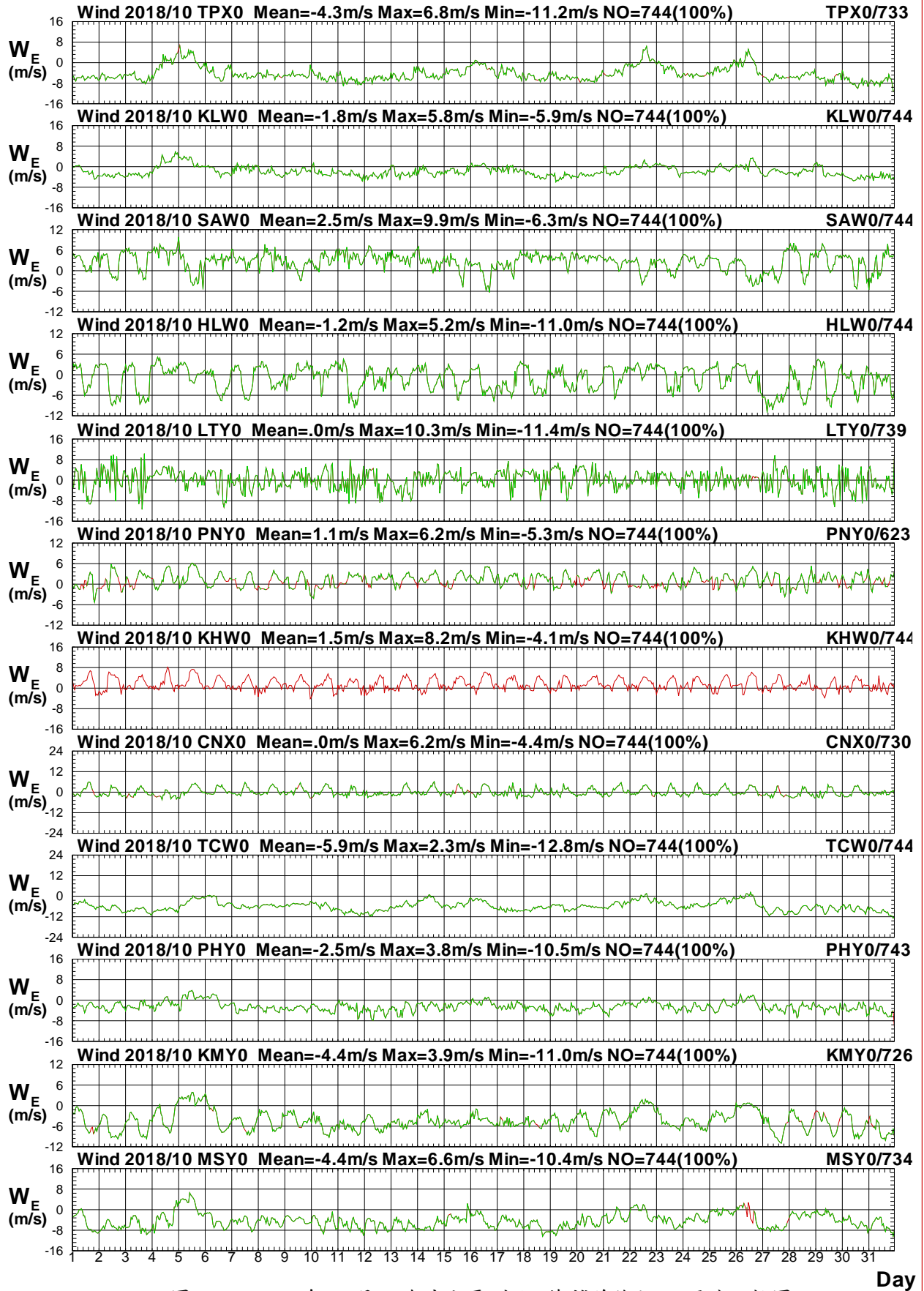


圖3.43 2018年10月12海域主要測站1修補前後之 E-風速比較圖

W18ATPX0.1HA W18ATPX0.1H0 W18AKLW0.1HA W18AKLW0.1H0 W18ASAW0.1HA W18ASAW0.1H0
 W18AHLW0.1HA W18AHLW0.1H0 W18ALTY0.1HA W18ALTY0.1H0 W18APNY0.1HA W18APNY0.1H0

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Twelve Seas N-component of Wind at 2018/10

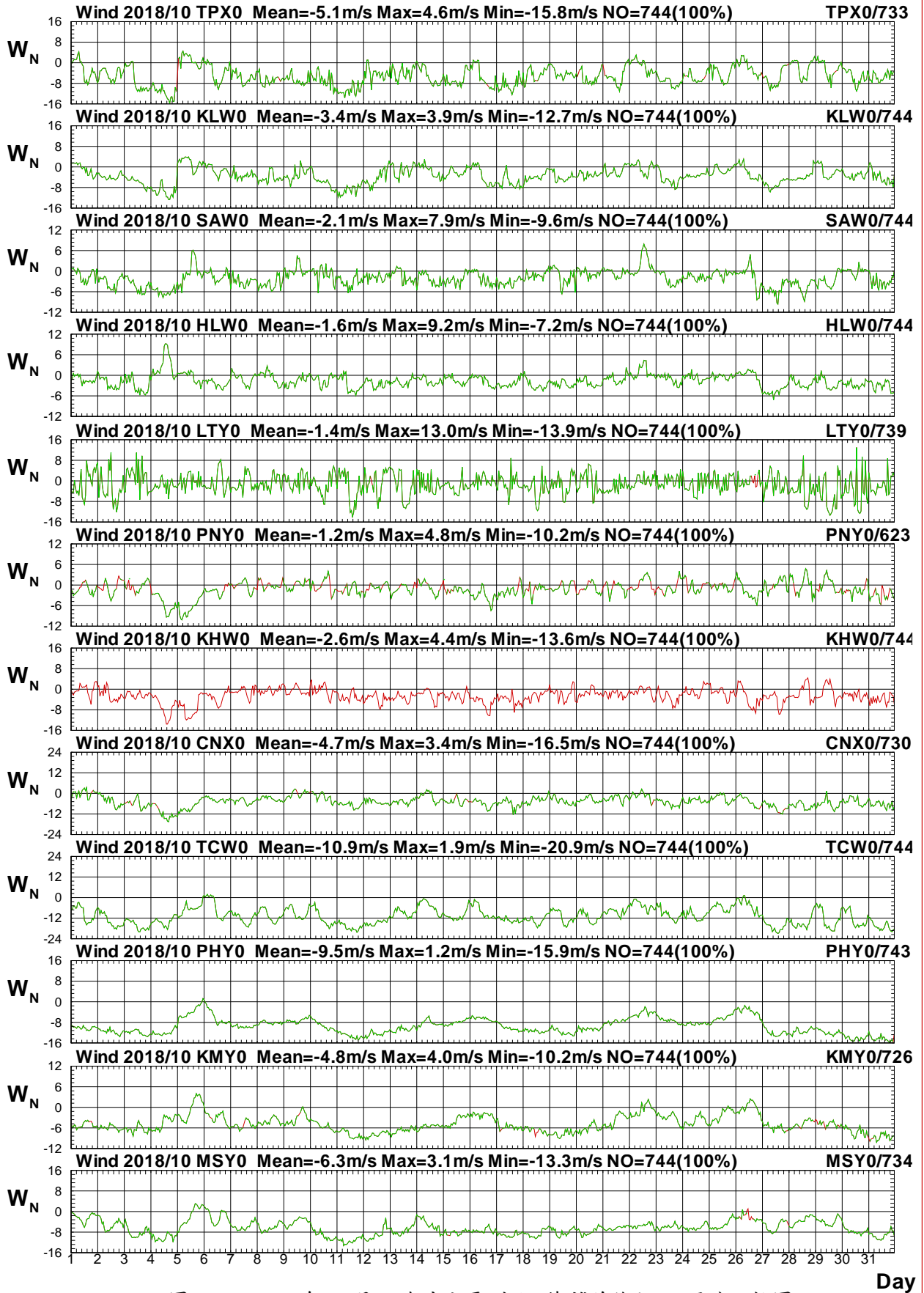


圖3.44 2018年10月12海域主要測站1修補前後之 N-風速比較圖

W18ATPX0.1HA W18ATPX0.1H0 W18AKLW0.1HA W18AKLW0.1H0 W18ASAW0.1HA W18ASAW0.1H0
W18AHLW0.1HA W18AHLW0.1H0 W18ALTY0.1HA W18ALTY0.1H0 W18APNY0.1HA W18APNY0.1H0

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Twelve Seas Wind Speed at 2018/11

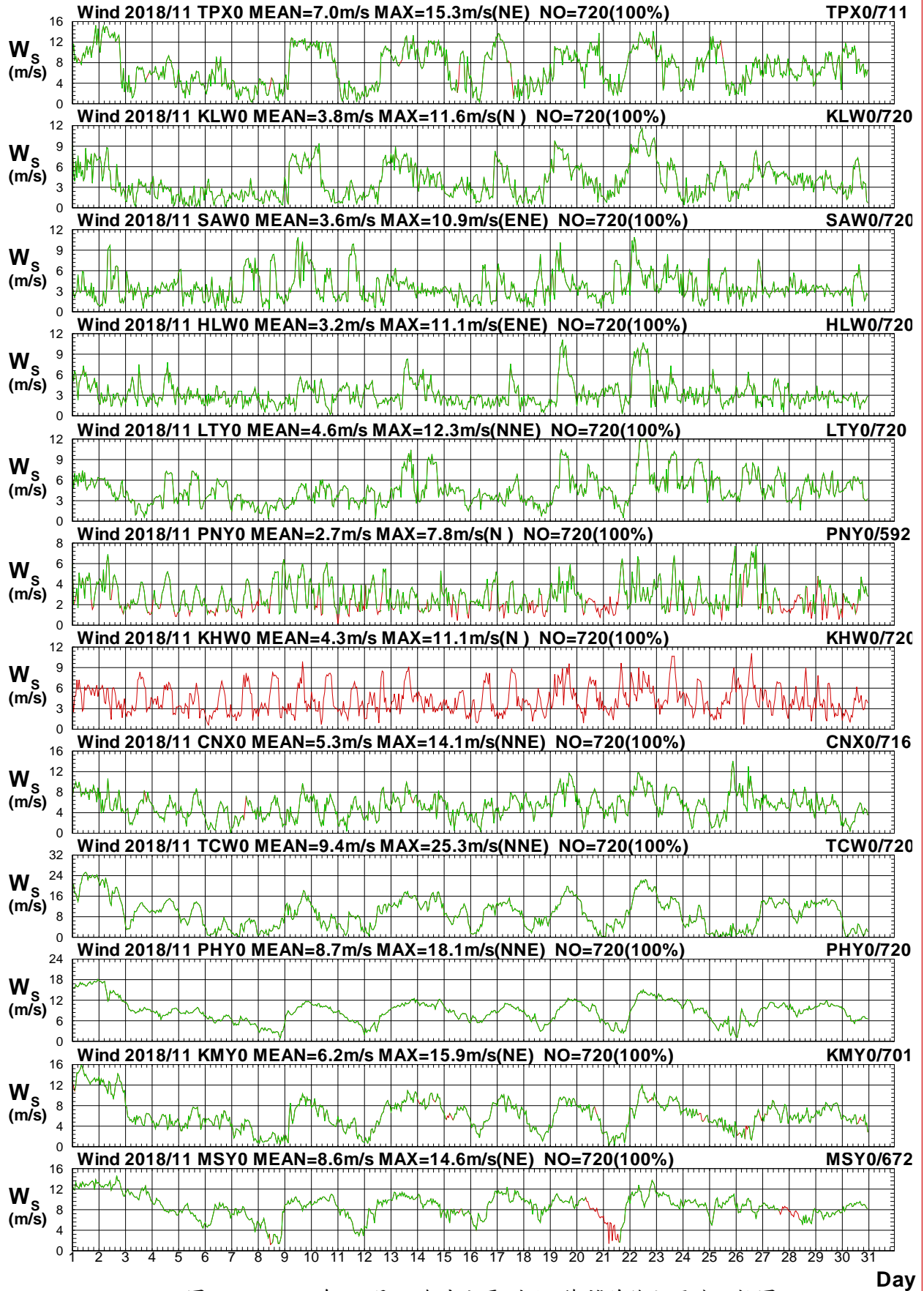


圖3.45 2018年11月12海域主要測站1修補前後之風速比較圖

W18BTPX0.1HA W18BTPX0.1H0 W18BK LW0.1HA W18BK LW0.1H0 W18BSAW0.1HA W18BSAW0.1H0
 W18BHLW0.1HA W18BHLW0.1H0 W18BLTY0.1HA W18BLTY0.1H0 W18BPNY0.1HA W18BPNY0.1H0

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Twelve Seas Wind Direction at 2018/11

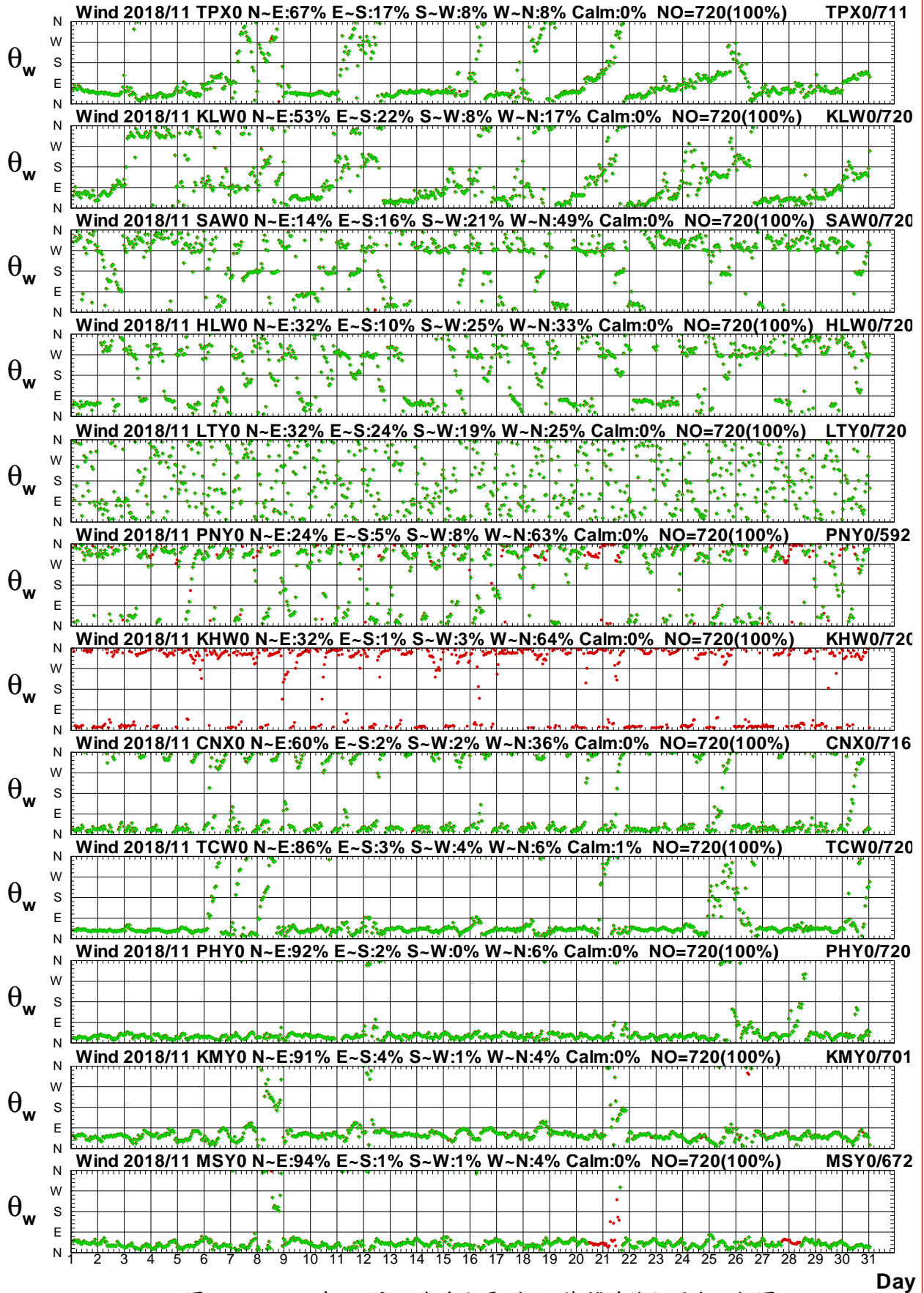


圖3.46 2018年11月12海域主要測站1修補前後之風向比較圖

W18BTPX0.1HA W18BTPX0.1H0 W18BK LW0.1HA W18BK LW0.1H0 W18BSAW0.1HA W18BSAW0.1H0
 W18BHLW0.1HA W18BHLW0.1H0 W18BLTY0.1HA W18BLTY0.1H0 W18BPNY0.1HA W18BPNY0.1H0

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Twelve Seas E-component of Wind at 2018/11

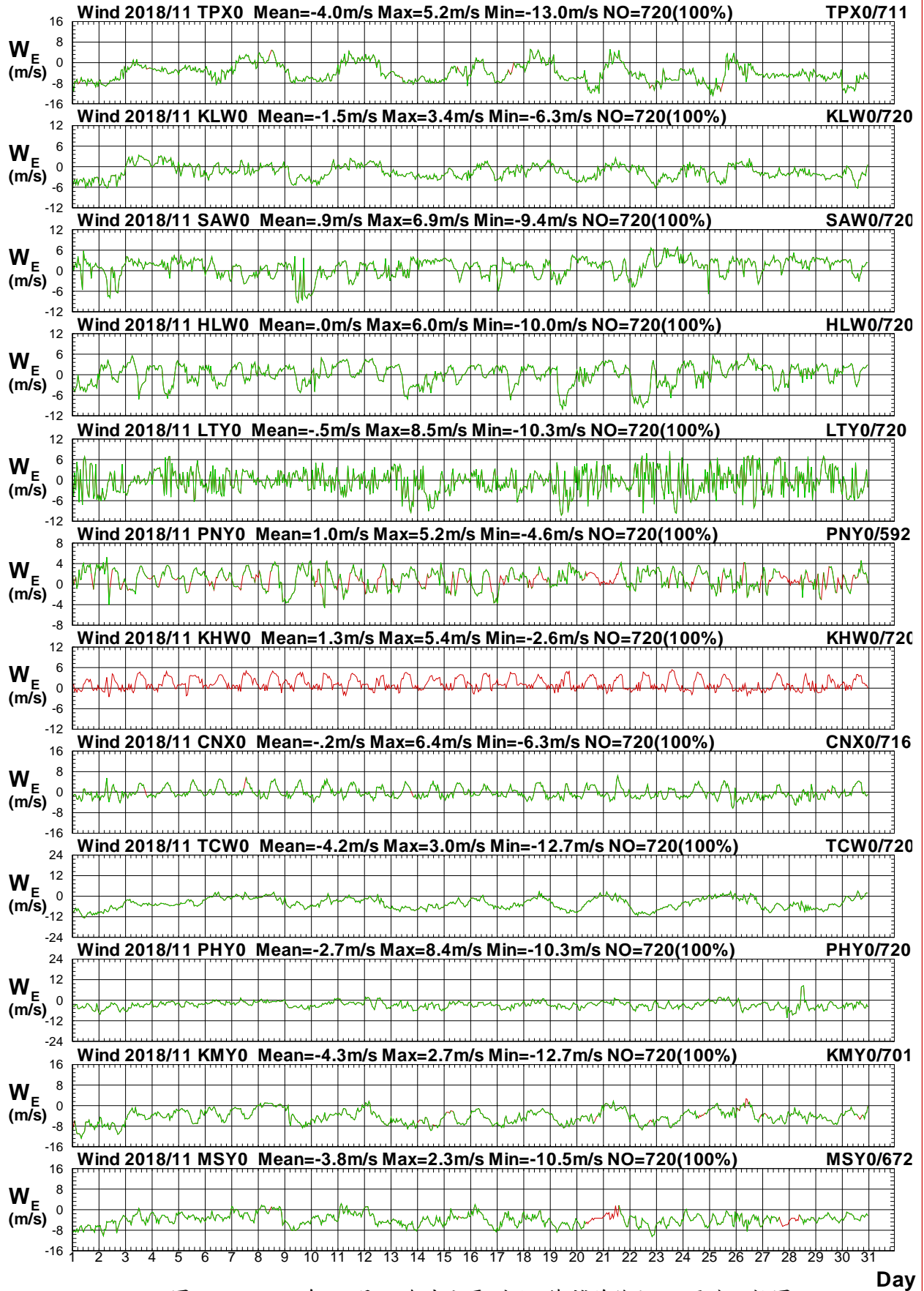


圖3.47 2018年11月12海域主要測站1修補前後之 E-風速比較圖

W18BTPX0.1HA W18BTPX0.1H0 W18BK LW0.1HA W18BK LW0.1H0 W18BSAW0.1HA W18BSAW0.1H0
 W18BHLW0.1HA W18BHLW0.1H0 W18BLTY0.1HA W18BLTY0.1H0 W18BPNY0.1HA W18BPNY0.1H0

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Twelve Seas N-component of Wind at 2018/11

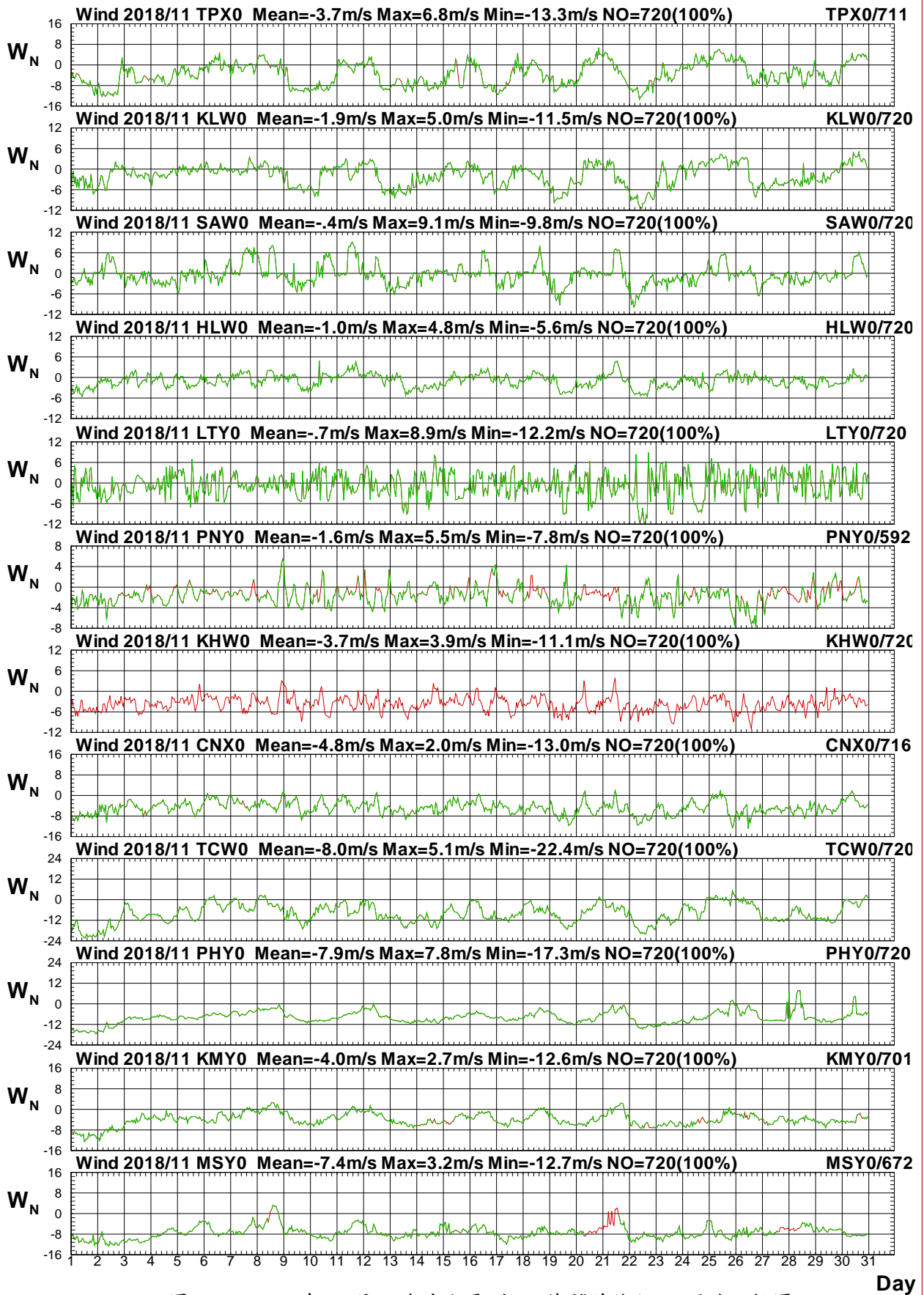


圖3.48 2018年11月12海域主要測站1修補前後之 N-風速比較圖

W18BTPX0.1HA W18BTPX0.1H0 W18BKW0.1HA W18BKW0.1H0 W18BSAW0.1HA W18BSAW0.1H0
W18BHLW0.1HA W18BHLW0.1H0 W18BLTY0.1HA W18BLTY0.1H0 W18BPNY0.1HA W18BPNY0.1H0

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第四章 2018 年 12 海域風力主要測站 1 修補前後風力向量分佈圖

(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)

(馬祖海域)

Distribution of Wind Vectors

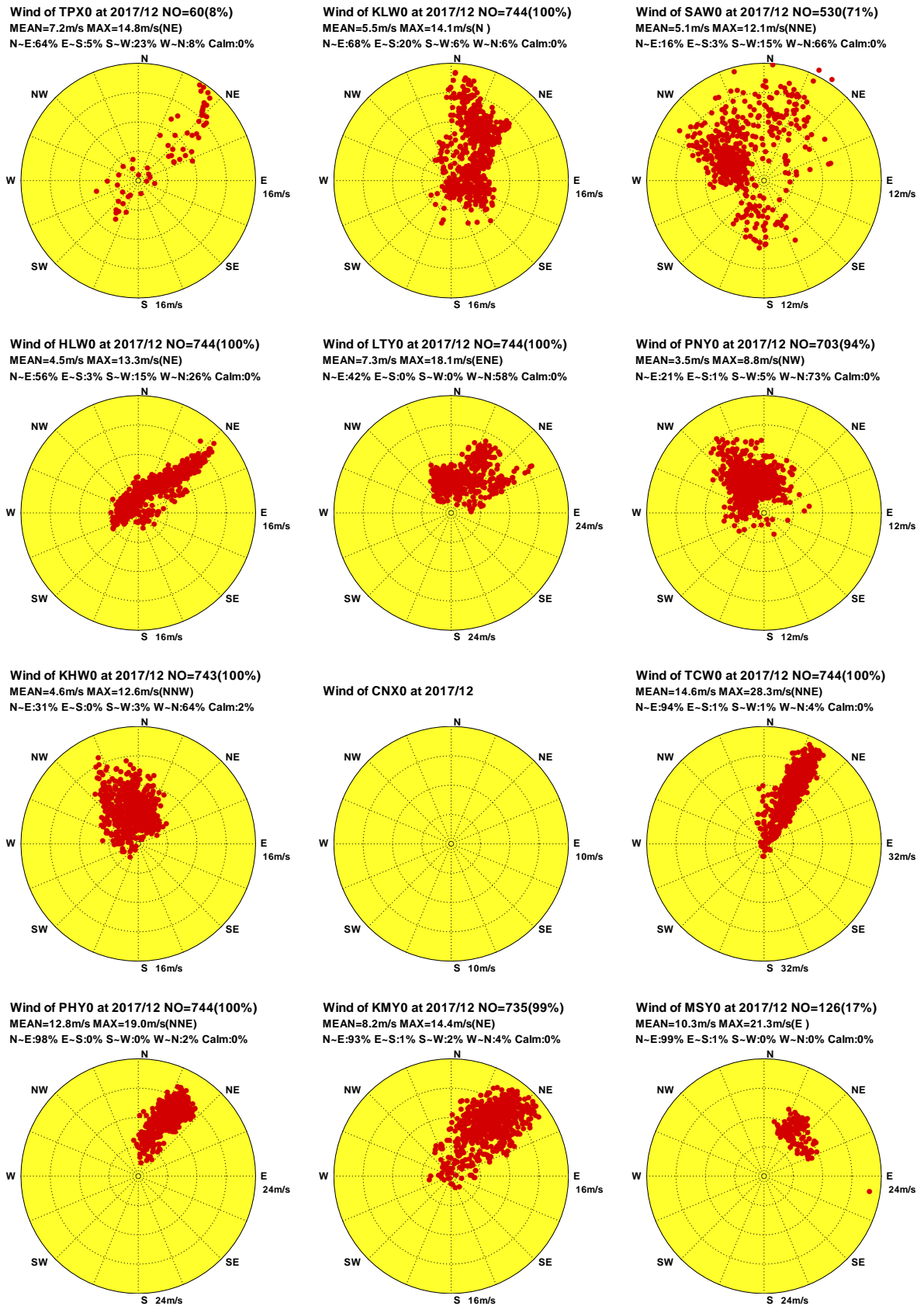


圖4.1a 2017年12月12海域主要測站1修補前觀測風向量分佈圖

W17CTPX0.1H0 W17CKLW0.1H0 W17CSAW0.1H0 W17CHLW0.1H0 W17CLTY0.1H0 W17CPNY0.1H0
W17CKHW0.1H0 W17CCNX0.1H0 W17CTCW0.1H0 W17CPHY0.1H0 W17CKMY0.1H0 W17CMSY0.1H0

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Distribution of Wind Vectors

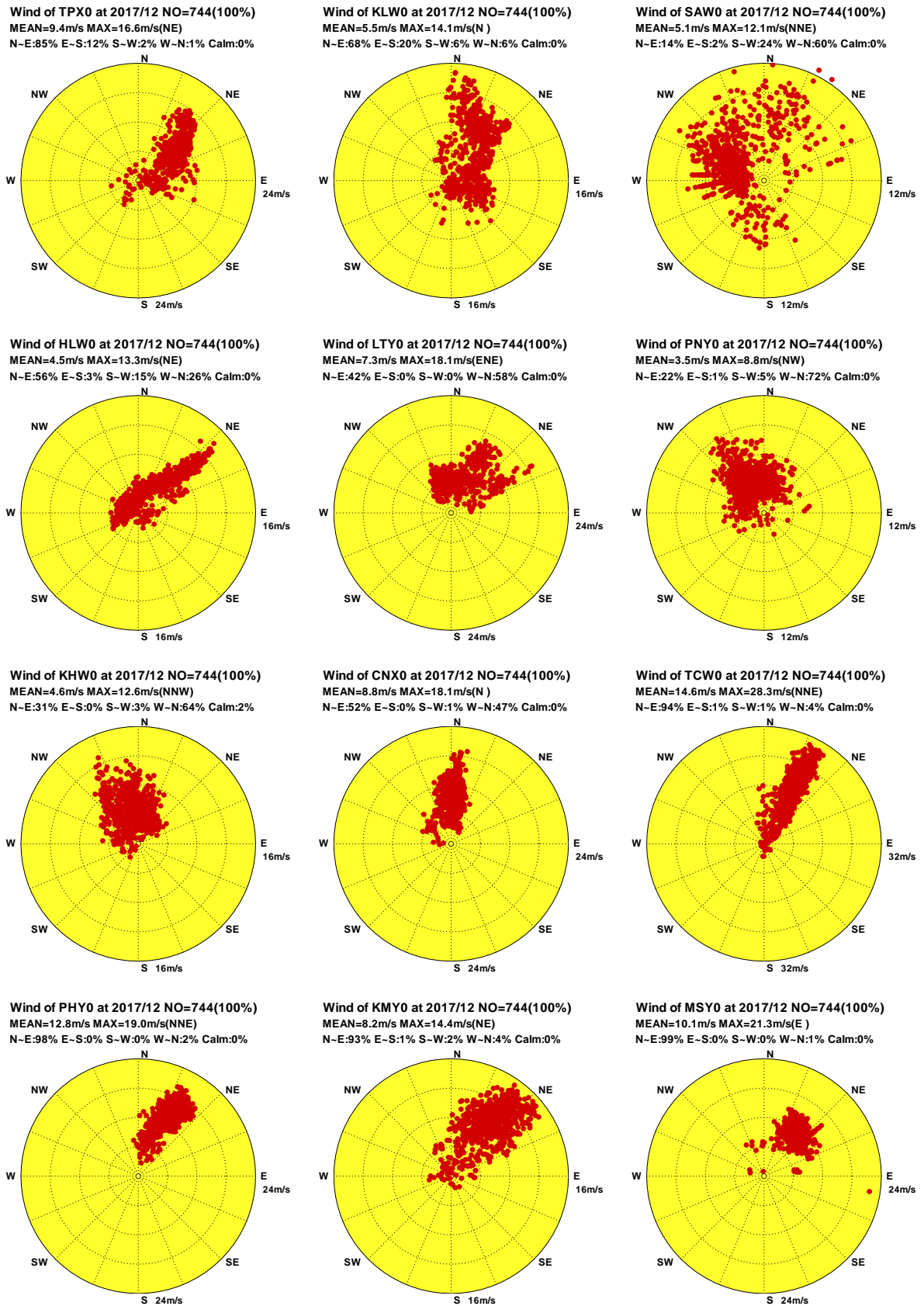


圖4.1b 2017年12月12海域主要測站1修補後觀測風向量分佈圖

W17CTPX0.1HA W17CKLOW.1HA W17CSAW0.1HA W17CHLW0.1HA W17CLTY0.1HA W17CPNY0.1HA
 W17CKHW0.1HA W17CCNX0.1HA W17CTCW0.1HA W17CPHY0.1HA W17CKMY0.1HA W17CMSY0.1HA

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Distribution of Wind Vectors

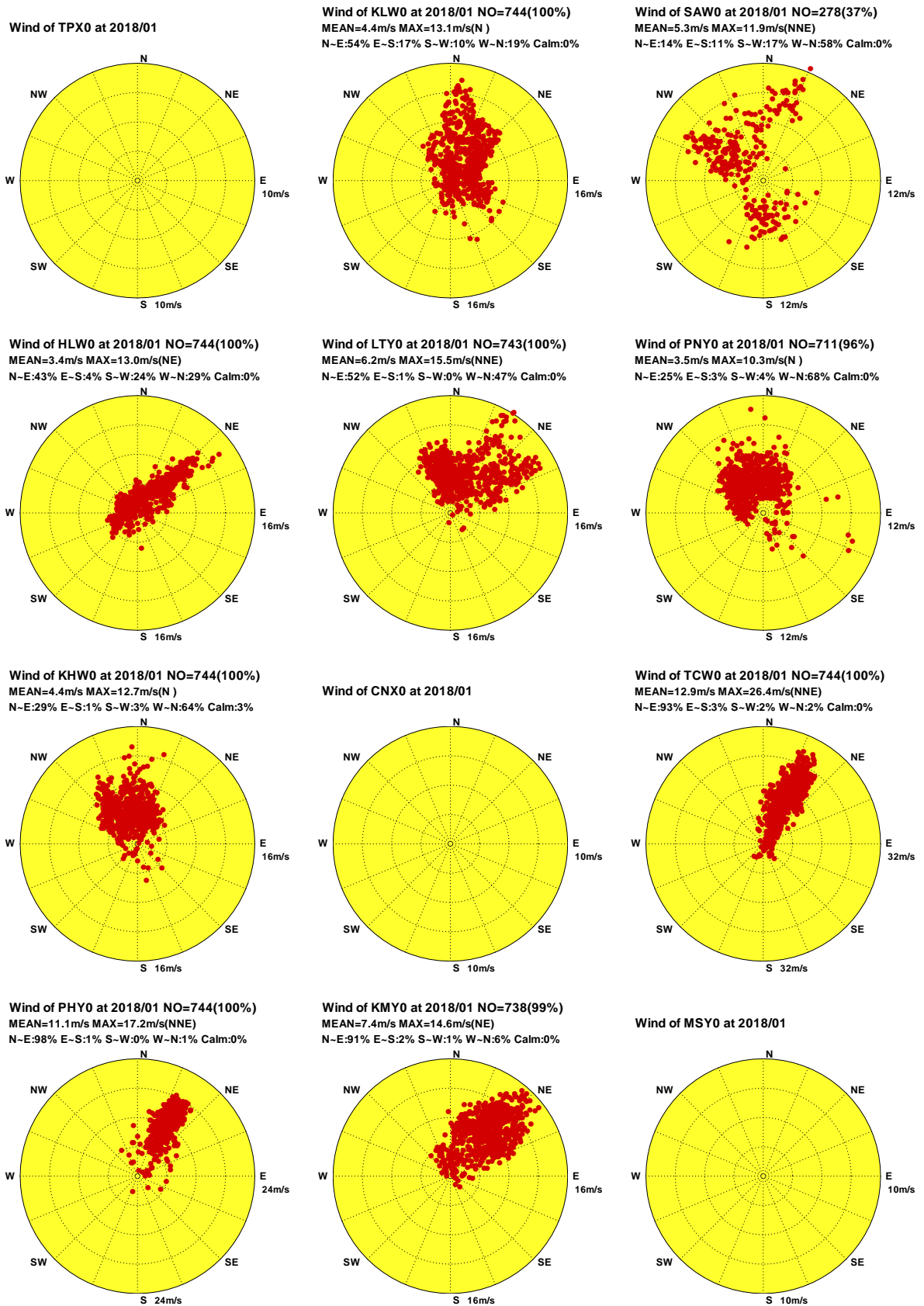


圖4.2a 2018年1月12海域主要測站1修補前觀測風向量分佈圖

W181TPX0.1H0 W181KLOW.1H0 W181SAW0.1H0 W181HLW0.1H0 W181LTY0.1H0 W181PNY0.1H0
 W181KHW0.1H0 W181CNX0.1H0 W181TCW0.1H0 W181PHY0.1H0 W181KMY0.1H0 W181MSY0.1H0

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Distribution of Wind Vectors

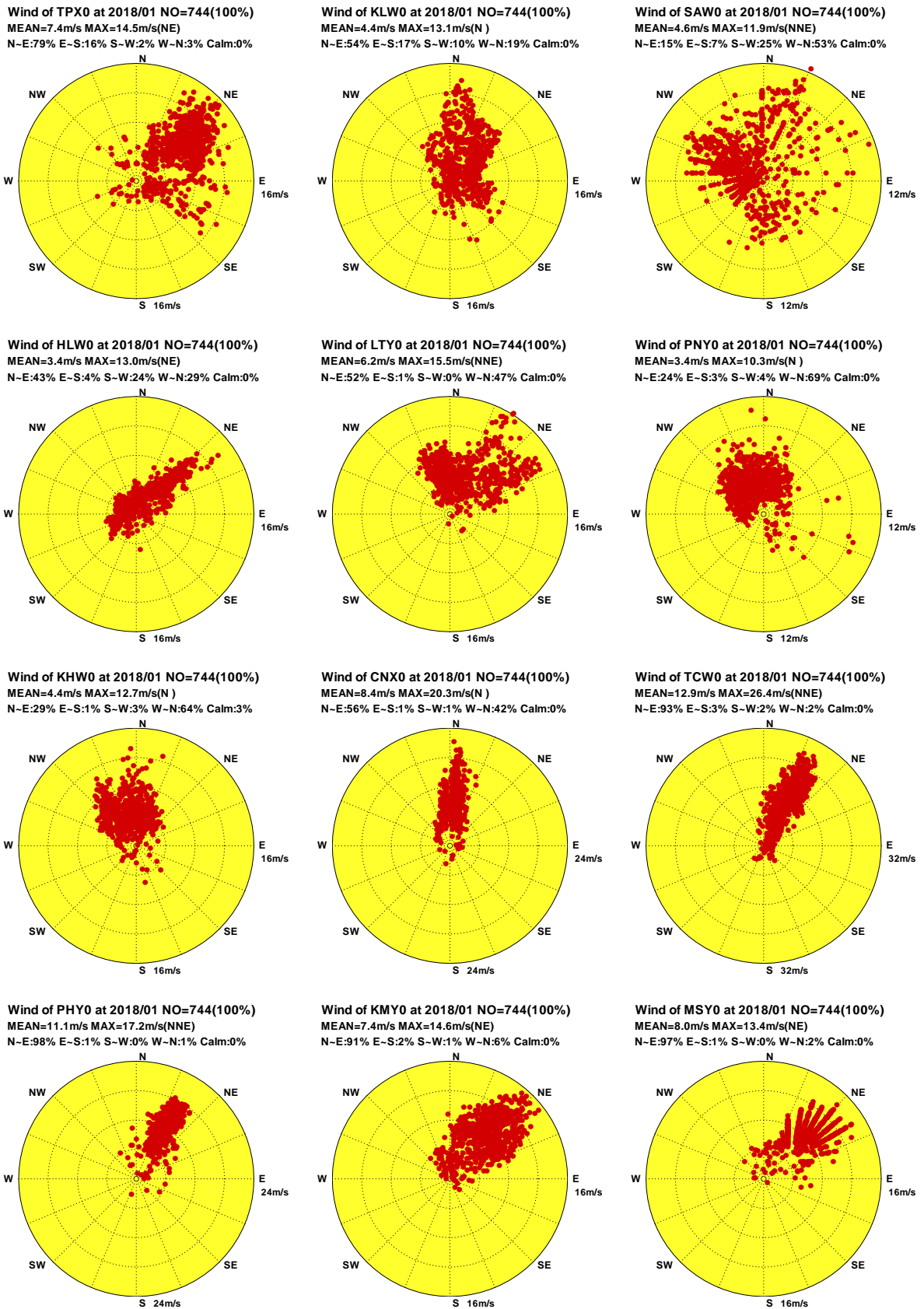


圖4.2b 2018年1月12海域主要測站1修補後觀測風向量分佈圖

W181TPX0.1HA W181KLOW.1HA W181SAW0.1HA W181HLW0.1HA W181LTY0.1HA W181PNY0.1HA
 W181KHW0.1HA W181CNX0.1HA W181TCW0.1HA W181PHY0.1HA W181KMY0.1HA W181MSY0.1HA

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Distribution of Wind Vectors

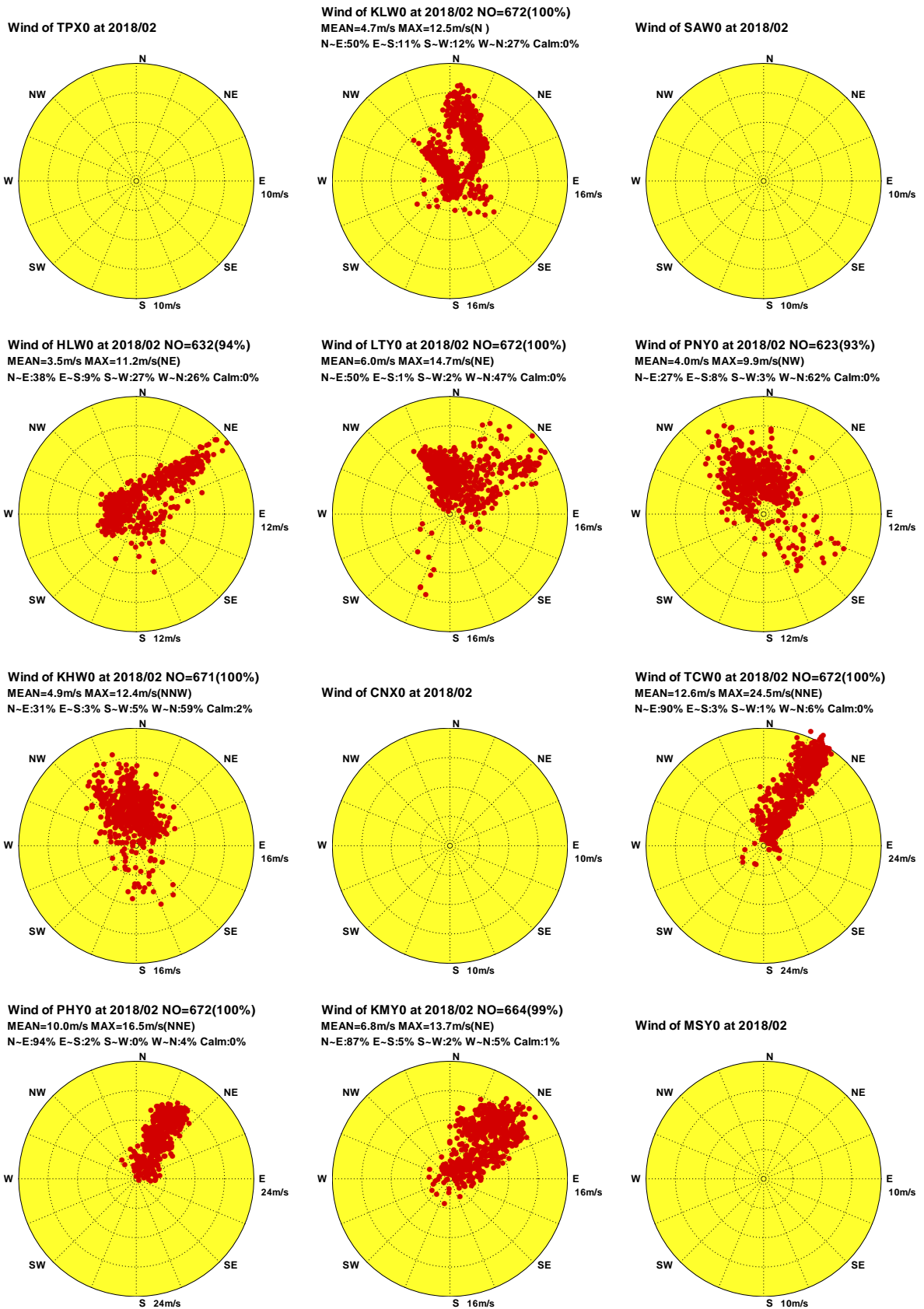


圖4.3a 2018年2月12海域主要測站1修補前觀測風向量分佈圖

W182TPX0.1H0 W182KLW0.1H0 W182SAW0.1H0 W182HLW0.1H0 W182LTY0.1H0 W182PNY0.1H0
 W182KHW0.1H0 W182CNX0.1H0 W182TCW0.1H0 W182PHY0.1H0 W182KMY0.1H0 W182MSY0.1H0

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Distribution of Wind Vectors

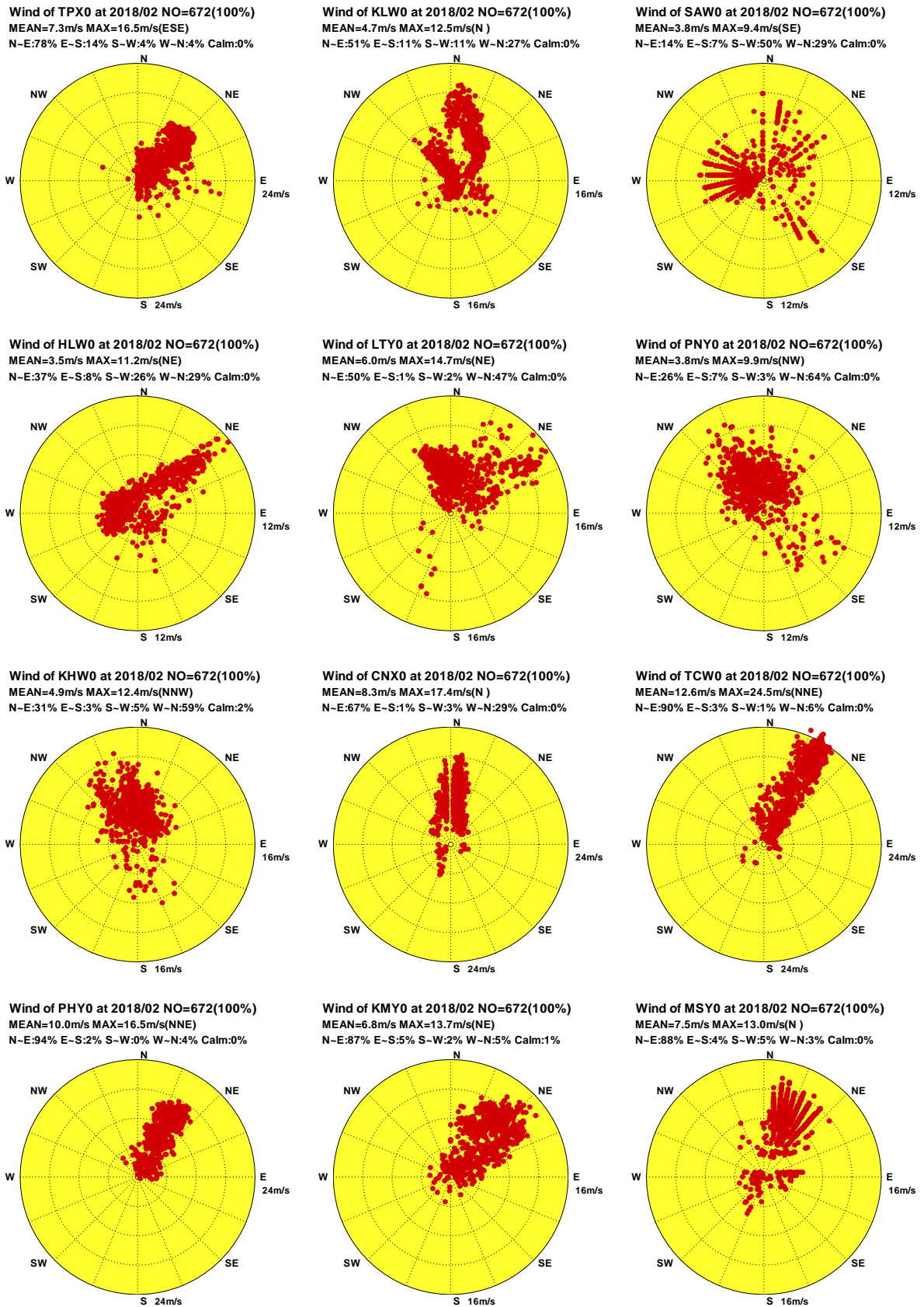


圖4.3b 2018年2月12海域主要測站1修補後觀測風向量分佈圖

W182TPX0.1HA W182KLW0.1HA W182SAW0.1HA W182HLW0.1HA W182LTY0.1HA W182PNY0.1HA
W182KHW0.1HA W182CNX0.1HA W182TCW0.1HA W182PHY0.1HA W182KMY0.1HA W182MSY0.1HA

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Distribution of Wind Vectors

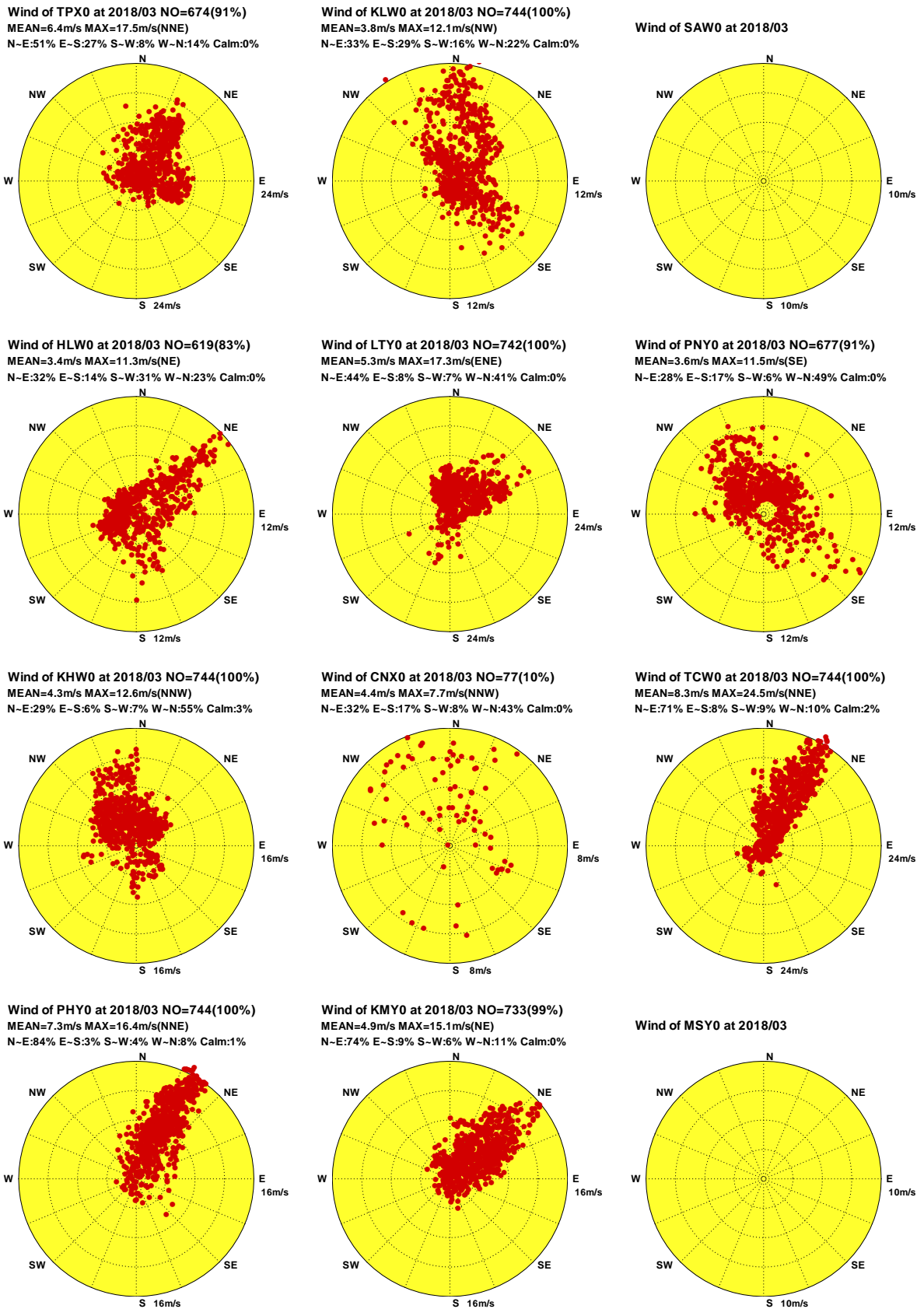


圖4.4a 2018年3月12海域主要測站1修補前觀測風向量分佈圖

W183TPX0.1H0 W183KLOW.1H0 W183SAW0.1H0 W183HLW0.1H0 W183LTY0.1H0 W183PNY0.1H0
 W183KHW0.1H0 W183CNX0.1H0 W183TCW0.1H0 W183PHY0.1H0 W183KMY0.1H0 W183MSY0.1H0

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Distribution of Wind Vectors

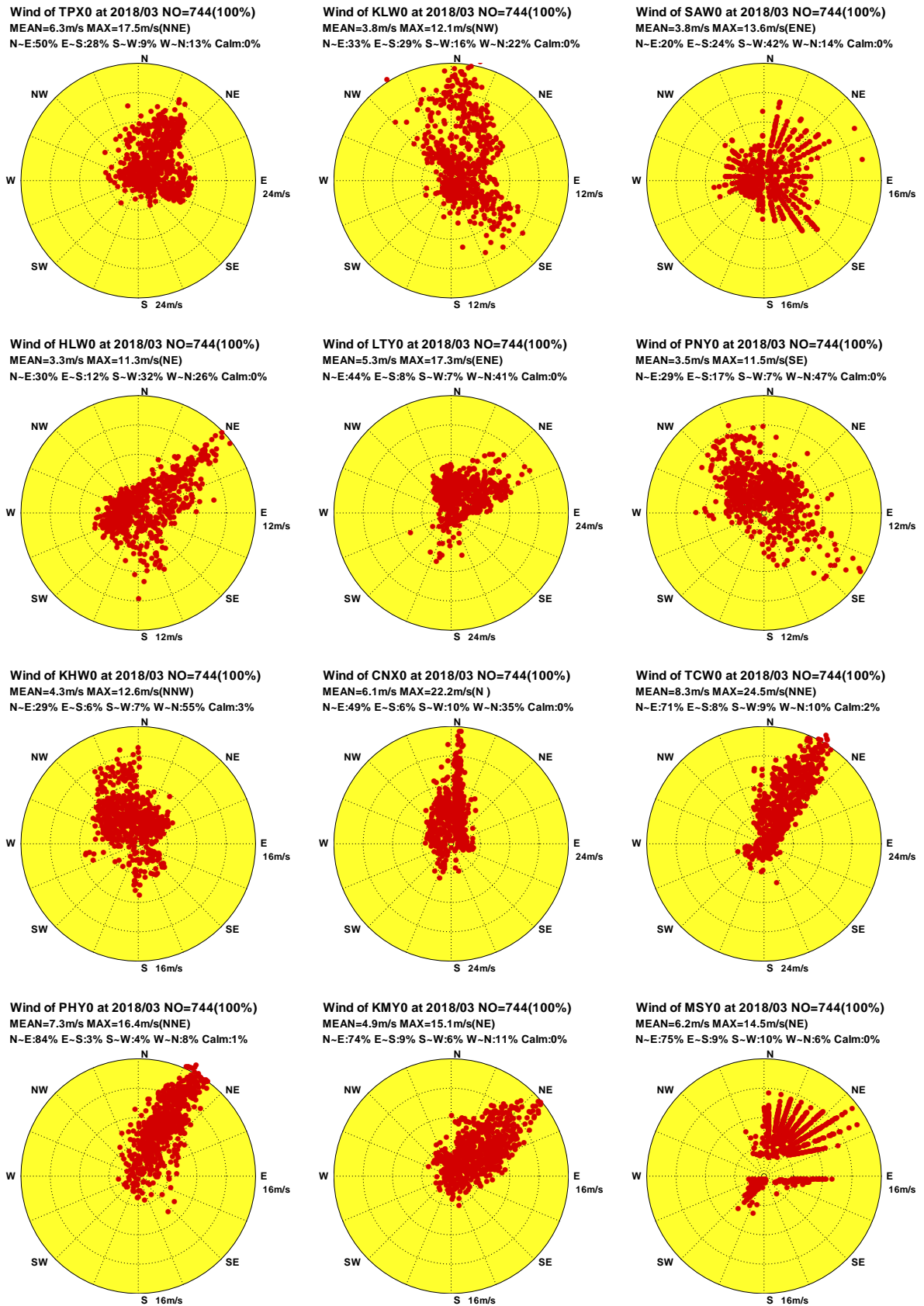


圖4.4b 2018年3月12海域主要測站1修補後觀測風向量分佈圖

W183TPX0.1HA W183KLW0.1HA W183SAW0.1HA W183HLW0.1HA W183LTY0.1HA W183PNY0.1HA
W183KHW0.1HA W183CNX0.1HA W183TCW0.1HA W183PHY0.1HA W183KMY0.1HA W183MSY0.1HA

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Distribution of Wind Vectors

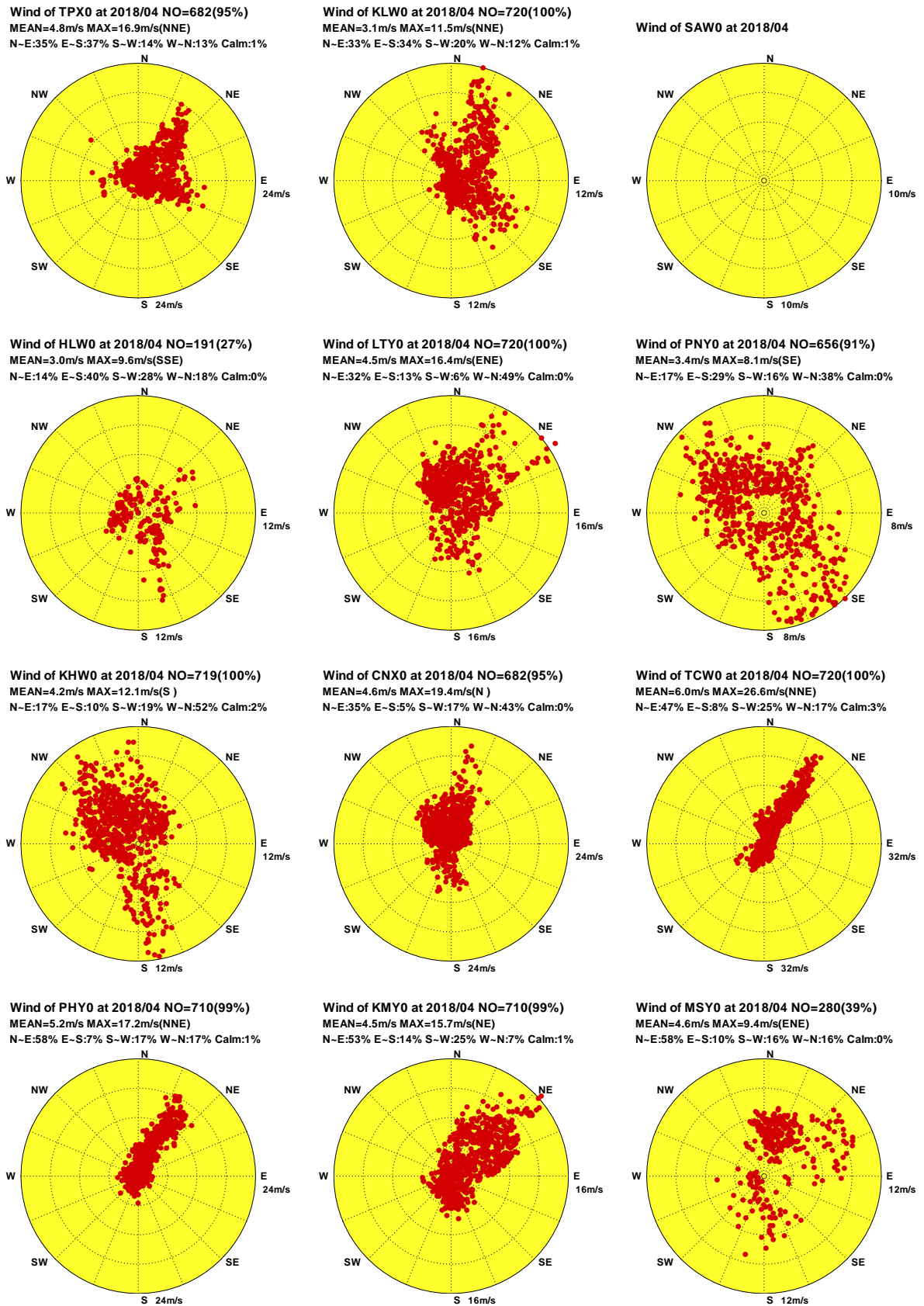


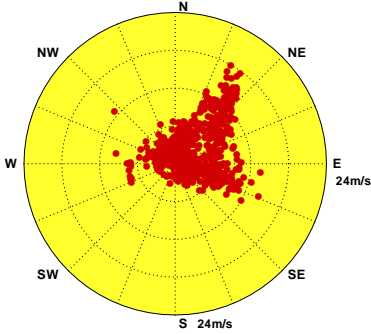
圖 4.5a 2018 年 4 月 12 海域主要測站 1 修補前觀測風向量分佈圖

W184TPX0.1H0 W184KLW0.1H0 W184SAW0.1H0 W184HLW0.1H0 W184LTY0.1H0 W184PNY0.1H0
W184KHW0.1H0 W184CNX0.1H0 W184TCW0.1H0 W184PHY0.1H0 W184KMY0.1H0 W184MSY0.1H0

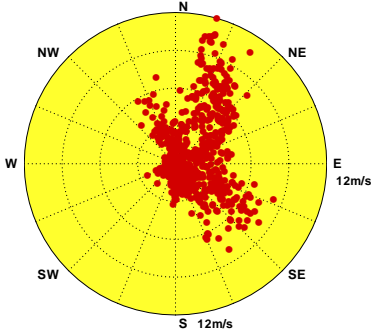
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Distribution of Wind Vectors

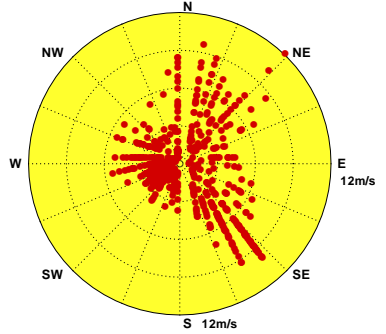
Wind of TPX0 at 2018/04 NO=720(100%)
 MEAN=4.8m/s MAX=16.9m/s(NNE)
 N-E:34% E-S:38% S-W:14% W-N:13% Calm:1%



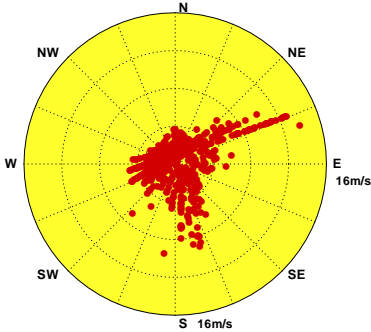
Wind of KLW0 at 2018/04 NO=720(100%)
 MEAN=3.1m/s MAX=11.5m/s(NNE)
 N-E:33% E-S:34% S-W:20% W-N:12% Calm:1%



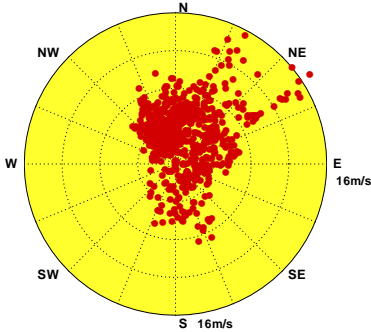
Wind of SAW0 at 2018/04 NO=720(100%)
 MEAN=3.3m/s MAX=11.6m/s(NNE)
 N-E:14% E-S:24% S-W:45% W-N:17% Calm:0%



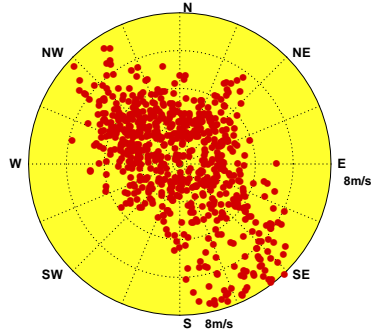
Wind of HLW0 at 2018/04 NO=720(100%)
 MEAN=3.2m/s MAX=13.2m/s(ENE)
 N-E:23% E-S:18% S-W:32% W-N:27% Calm:0%



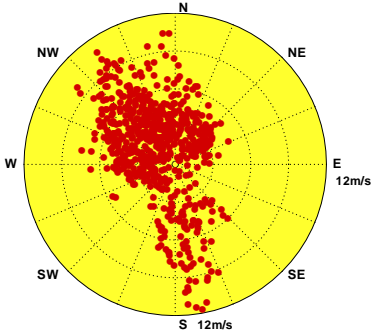
Wind of LTY0 at 2018/04 NO=720(100%)
 MEAN=4.5m/s MAX=16.4m/s(ENE)
 N-E:32% E-S:13% S-W:6% W-N:49% Calm:0%



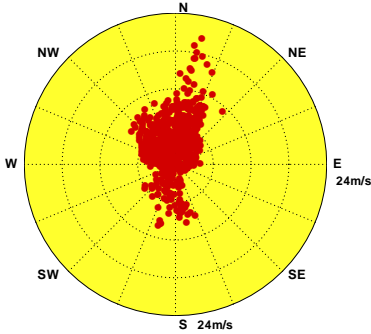
Wind of PNY0 at 2018/04 NO=720(100%)
 MEAN=3.2m/s MAX=8.1m/s(SE)
 N-E:17% E-S:28% S-W:17% W-N:38% Calm:0%



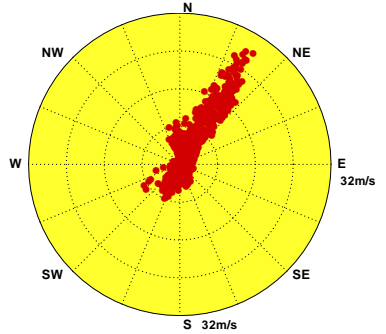
Wind of KHW0 at 2018/04 NO=720(100%)
 MEAN=4.2m/s MAX=12.1m/s(S)
 N-E:17% E-S:10% S-W:19% W-N:52% Calm:2%



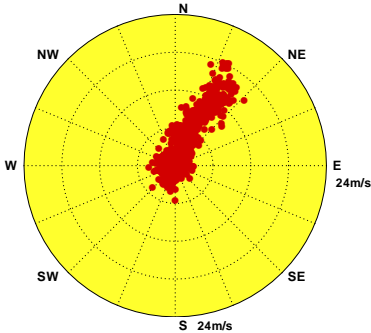
Wind of CNX0 at 2018/04 NO=720(100%)
 MEAN=4.6m/s MAX=19.4m/s(N)
 N-E:35% E-S:5% S-W:17% W-N:43% Calm:0%



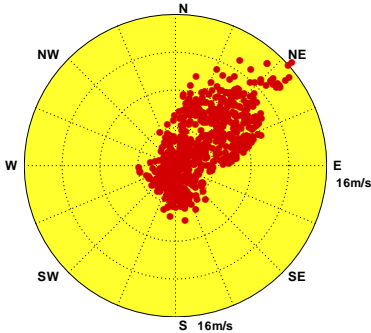
Wind of TCW0 at 2018/04 NO=720(100%)
 MEAN=6.0m/s MAX=26.6m/s(NNE)
 N-E:47% E-S:8% S-W:25% W-N:17% Calm:3%



Wind of PHY0 at 2018/04 NO=720(100%)
 MEAN=5.2m/s MAX=17.2m/s(NNE)
 N-E:59% E-S:7% S-W:17% W-N:16% Calm:1%



Wind of KMY0 at 2018/04 NO=720(100%)
 MEAN=4.4m/s MAX=15.7m/s(NE)
 N-E:53% E-S:14% S-W:25% W-N:7% Calm:1%



Wind of MSY0 at 2018/04 NO=720(100%)
 MEAN=4.8m/s MAX=14.9m/s(NE)
 N-E:61% E-S:16% S-W:14% W-N:9% Calm:0%

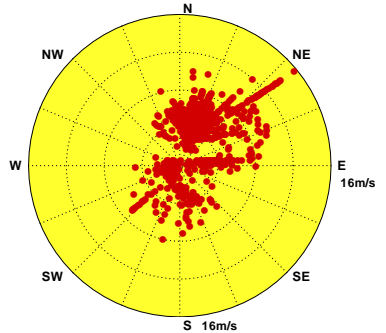


圖4.5b 2018年4月12海域主要測站1修補後觀測風向量分佈圖

W184TPX0.1HA W184KLW0.1HA W184SAW0.1HA W184HLW0.1HA W184LTY0.1HA W184PNY0.1HA
 W184KHW0.1HA W184CNX0.1HA W184TCW0.1HA W184PHY0.1HA W184KMY0.1HA W184MSY0.1HA

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Distribution of Wind Vectors

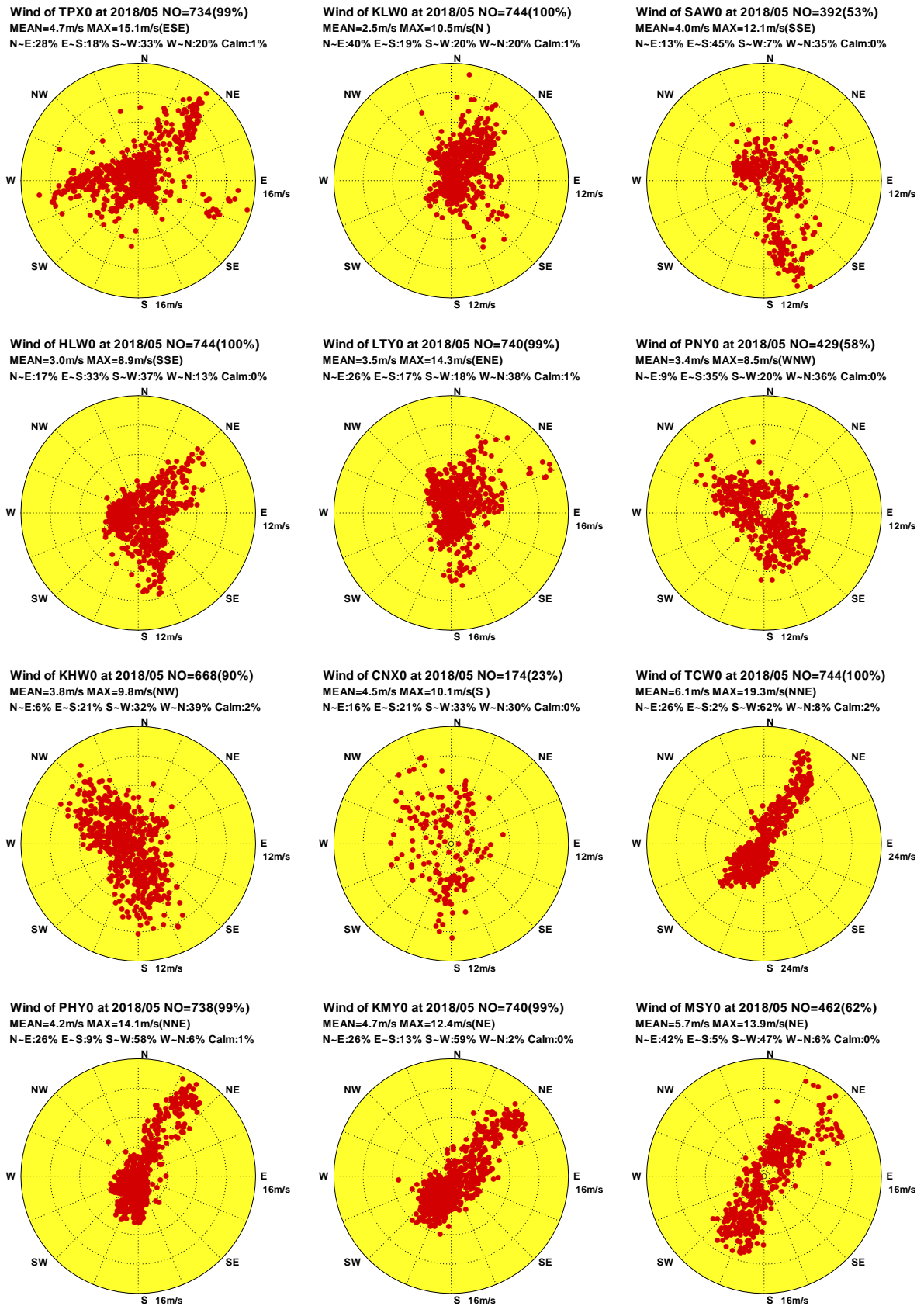


圖4.6a 2018年5月12海域主要測站1修補前觀測風向量分佈圖

W185TPX0.1H0 W185KLW0.1H0 W185SAW0.1H0 W185HLW0.1H0 W185LTY0.1H0 W185PNY0.1H0
W185KHW0.1H0 W185CNX0.1H0 W185TCW0.1H0 W185PHY0.1H0 W185KMY0.1H0 W185MSY0.1H0

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Distribution of Wind Vectors

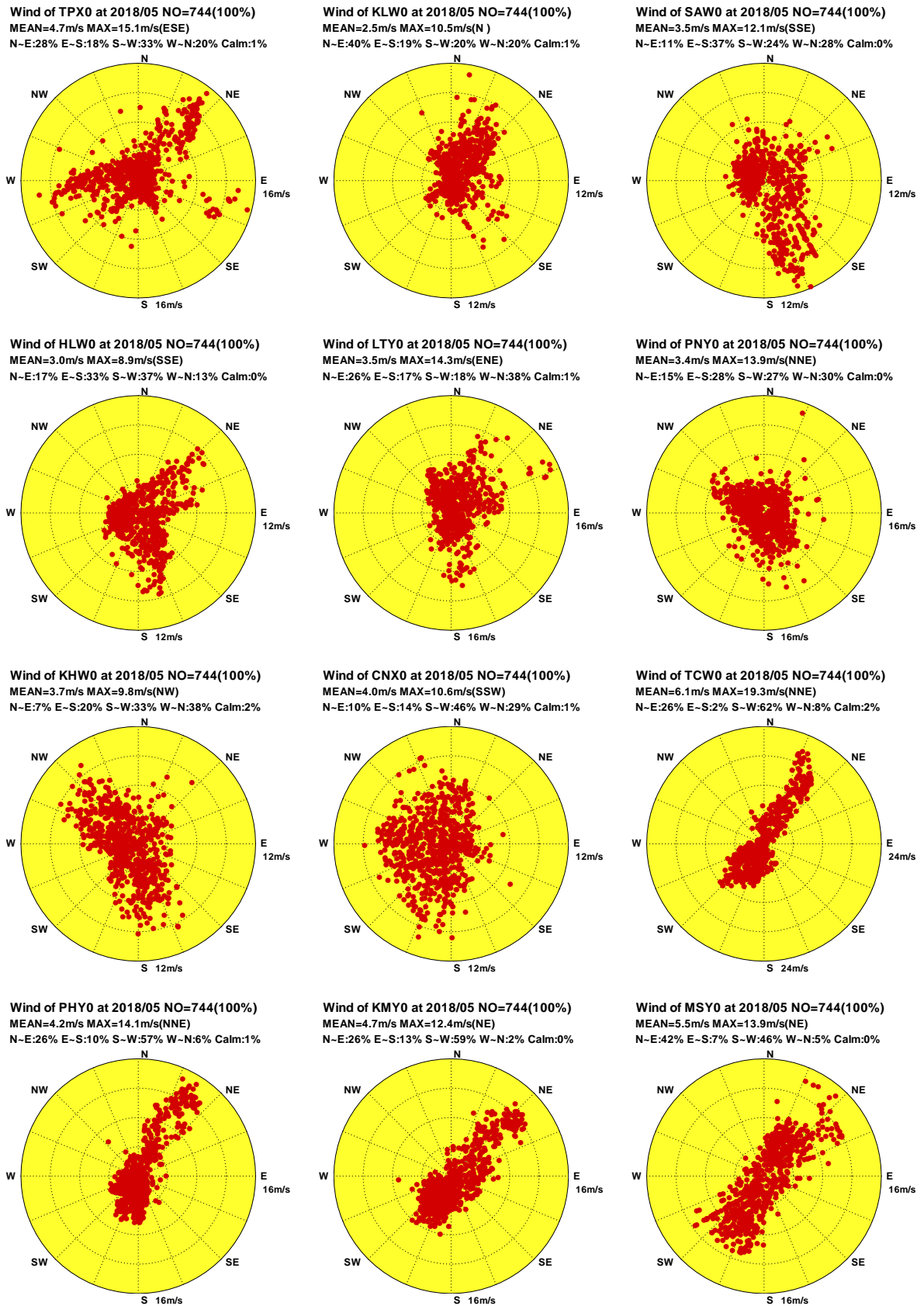


圖4.6b 2018年5月12海域主要測站1修補後觀測風向量分佈圖

W185TPX0.1HA W185KLW0.1HA W185SAW0.1HA W185HLW0.1HA W185LTY0.1HA W185PNY0.1HA
W185KHW0.1HA W185CNX0.1HA W185TCW0.1HA W185PHY0.1HA W185KMY0.1HA W185MSY0.1HA

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Distribution of Wind Vectors

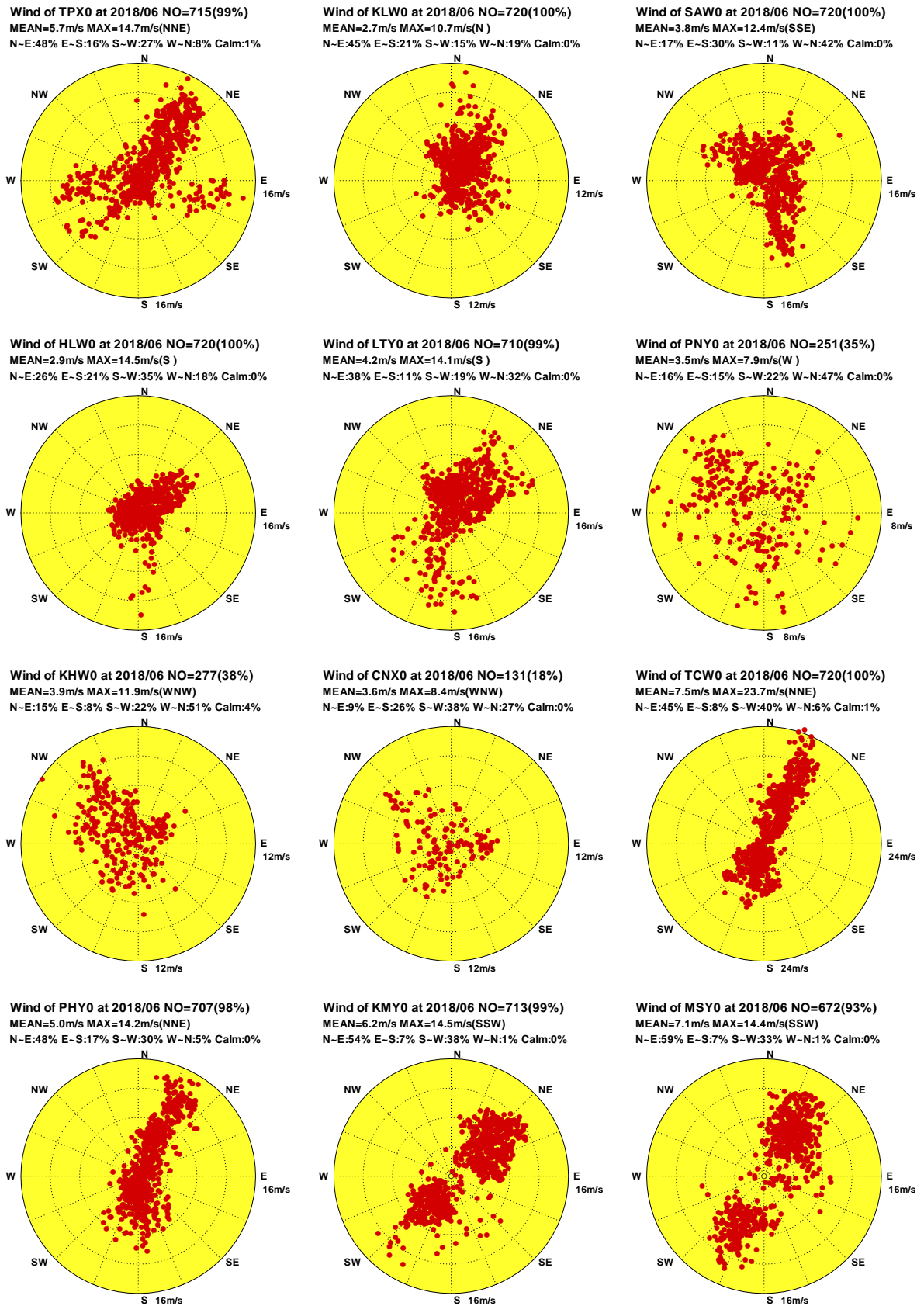


圖4.7a 2018年6月12海域主要測站1修補前觀測風向量分佈圖

W186TPX0.1HO W186KLOW.1HO W186SAW0.1HO W186HLW0.1HO W186LTY0.1HO W186PNY0.1HO
 W186KHW0.1HO W186CNX0.1HO W186TCW0.1HO W186PHY0.1HO W186KMY0.1HO W186MSY0.1HO

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Distribution of Wind Vectors

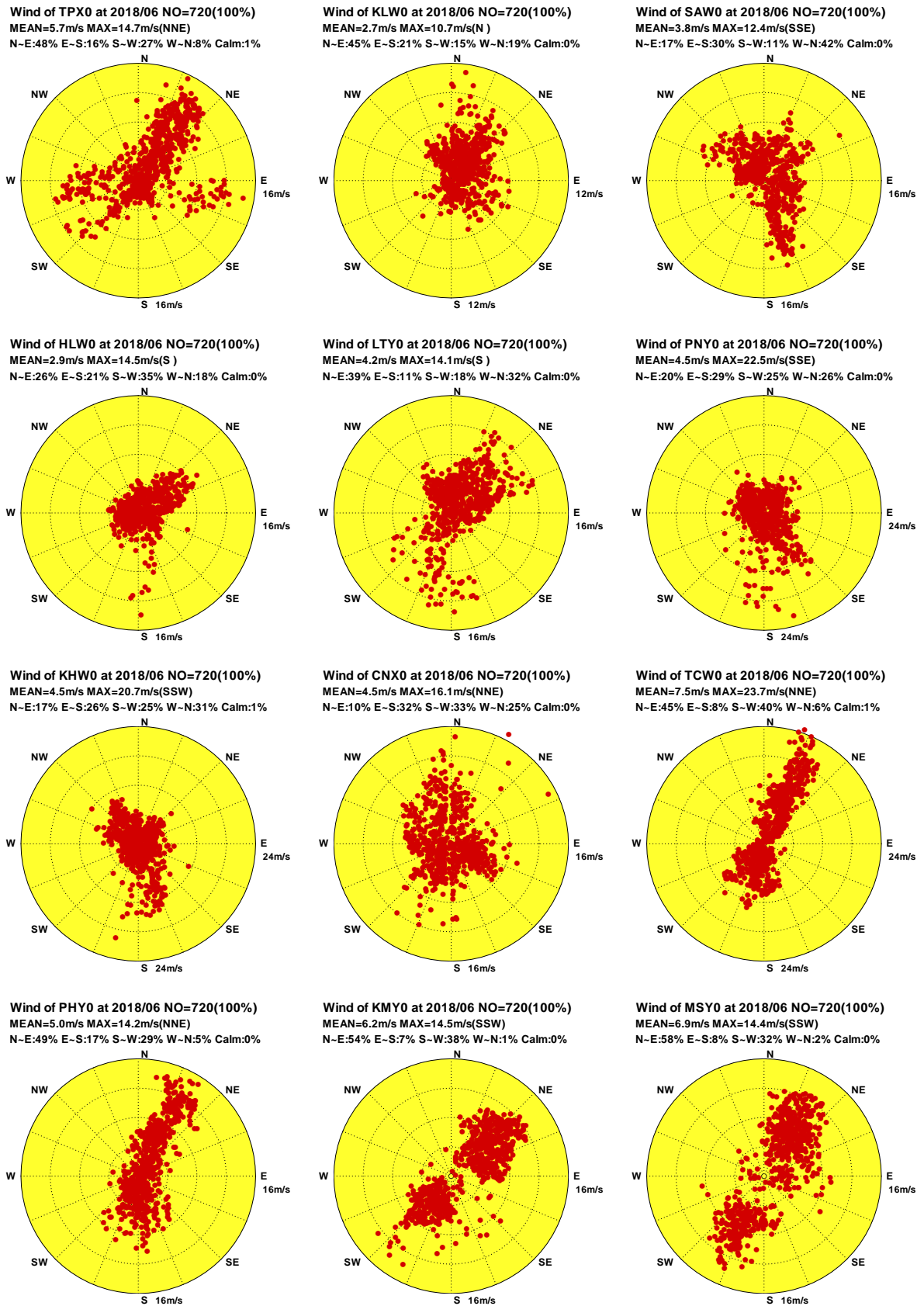


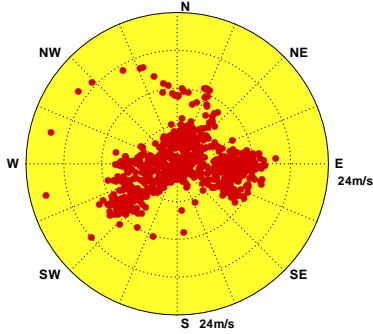
圖4.7b 2018年6月12海域主要測站1修補後觀測風向量分佈圖

W186TPX0.1HA W186KLW0.1HA W186SAW0.1HA W186HLW0.1HA W186LTY0.1HA W186PNY0.1HA
 W186KHW0.1HA W186CNX0.1HA W186TCW0.1HA W186PHY0.1HA W186KMY0.1HA W186MSY0.1HA

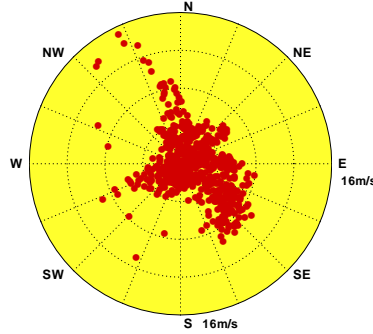
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Distribution of Wind Vectors

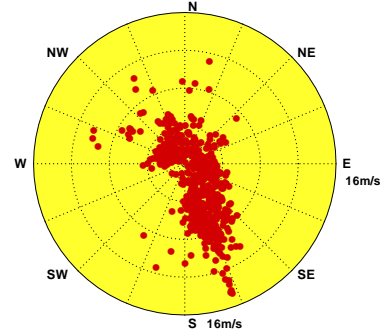
Wind of TPX0 at 2018/07 NO=734(99%)
 MEAN=6.4m/s MAX=22.3m/s(WSW)
 N-E:19% E-S:32% S-W:37% W-N:12% Calm:0%



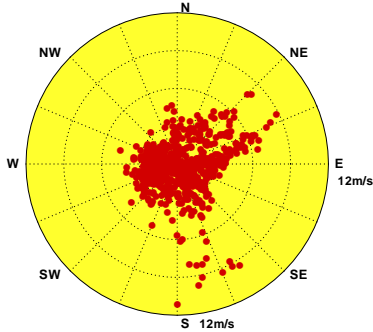
Wind of KLW0 at 2018/07 NO=744(100%)
 MEAN=3.5m/s MAX=14.9m/s(NNW)
 N-E:18% E-S:37% S-W:32% W-N:13% Calm:0%



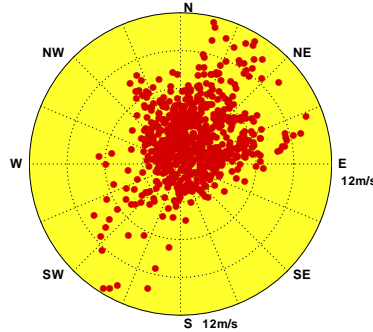
Wind of SAW0 at 2018/07 NO=744(100%)
 MEAN=4.4m/s MAX=15.0m/s(SSE)
 N-E:7% E-S:53% S-W:11% W-N:29% Calm:0%



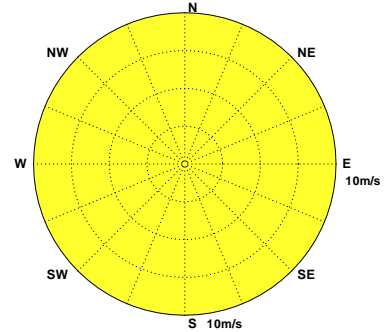
Wind of HLW0 at 2018/07 NO=744(100%)
 MEAN=2.6m/s MAX=11.6m/s(S)
 N-E:15% E-S:30% S-W:42% W-N:13% Calm:0%



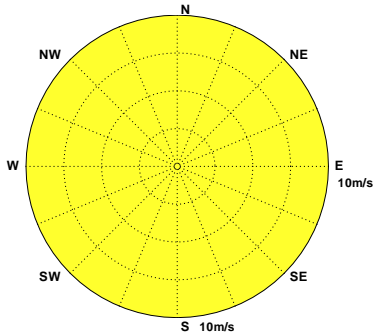
Wind of LTY0 at 2018/07 NO=716(96%)
 MEAN=3.5m/s MAX=12.2m/s(SSW)
 N-E:40% E-S:12% S-W:15% W-N:32% Calm:1%



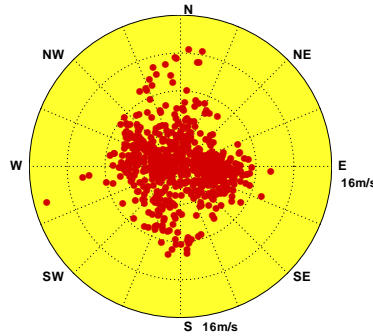
Wind of PNY0 at 2018/07



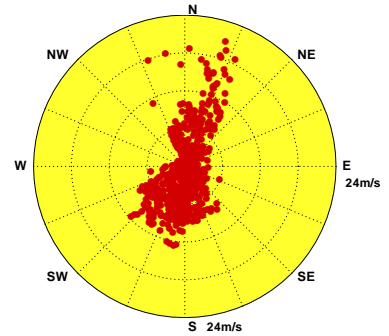
Wind of KHW0 at 2018/07



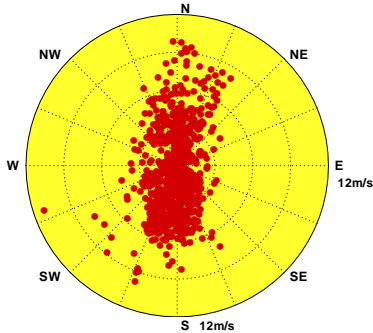
Wind of CNX0 at 2018/07 NO=729(98%)
 MEAN=4.2m/s MAX=15.3m/s(WSW)
 N-E:12% E-S:36% S-W:26% W-N:26% Calm:0%



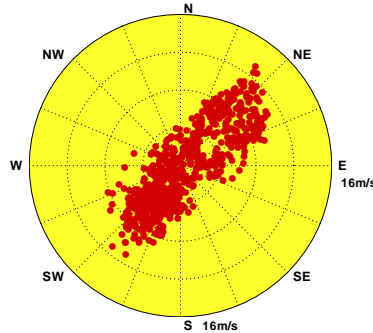
Wind of TCW0 at 2018/07 NO=744(100%)
 MEAN=5.3m/s MAX=19.8m/s(NNE)
 N-E:17% E-S:18% S-W:45% W-N:18% Calm:2%



Wind of PHY0 at 2018/07 NO=744(100%)
 MEAN=3.5m/s MAX=11.6m/s(WSW)
 N-E:18% E-S:18% S-W:43% W-N:20% Calm:1%



Wind of KMY0 at 2018/07 NO=724(97%)
 MEAN=5.3m/s MAX=12.4m/s(NE)
 N-E:33% E-S:7% S-W:54% W-N:6% Calm:0%



Wind of MSY0 at 2018/07 NO=688(92%)
 MEAN=6.1m/s MAX=24.6m/s(S)
 N-E:36% E-S:14% S-W:46% W-N:4% Calm:0%

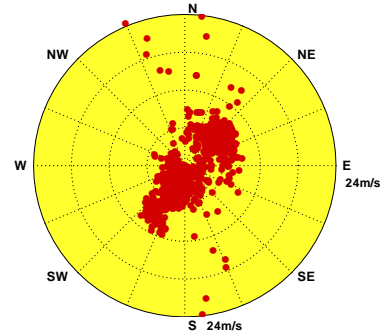


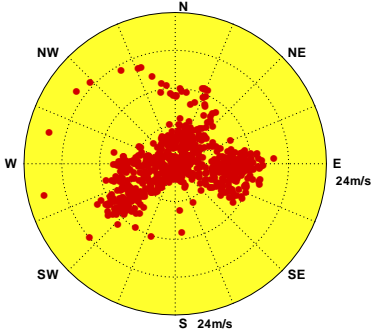
圖4.8a 2018年7月12海域主要測站1修補前觀測風向量分佈圖

W187TPX0.1H0 W187KLW0.1H0 W187SAW0.1H0 W187HLW0.1H0 W187LTY0.1H0 W187PNY0.1H0
 W187KHW0.1H0 W187CNX0.1H0 W187TCW0.1H0 W187PHY0.1H0 W187KMY0.1H0 W187MSY0.1H0

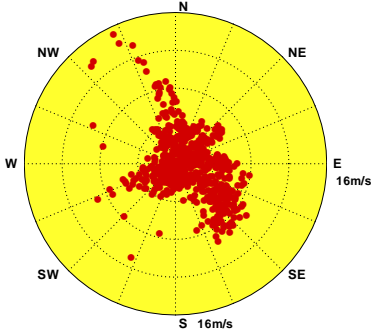
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Distribution of Wind Vectors

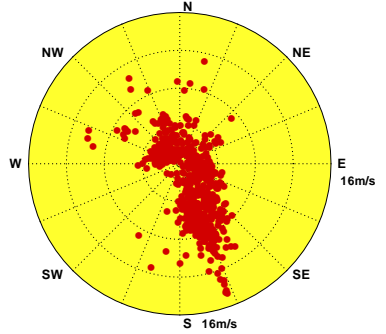
Wind of TPX0 at 2018/07 NO=744(100%)
 MEAN=6.4m/s MAX=22.3m/s(WSW)
 N-E:19% E-S:32% S-W:37% W-N:12% Calm:0%



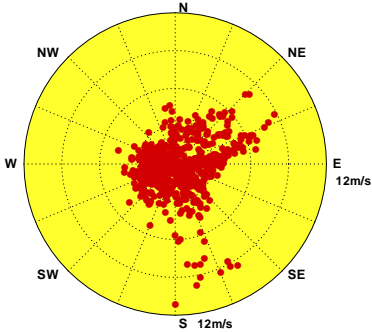
Wind of K LW0 at 2018/07 NO=744(100%)
 MEAN=3.5m/s MAX=14.9m/s(NNW)
 N-E:18% E-S:37% S-W:32% W-N:13% Calm:0%



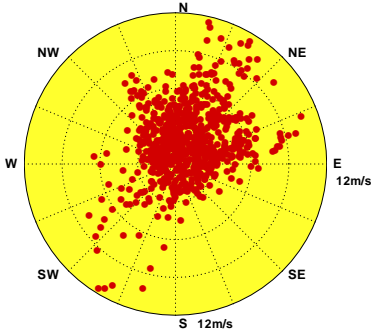
Wind of SAW0 at 2018/07 NO=744(100%)
 MEAN=4.4m/s MAX=15.0m/s(SSE)
 N-E:7% E-S:53% S-W:11% W-N:29% Calm:0%



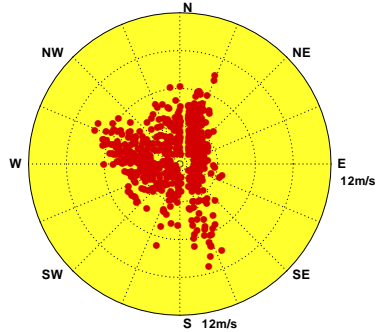
Wind of HLW0 at 2018/07 NO=744(100%)
 MEAN=2.6m/s MAX=11.6m/s(S)
 N-E:15% E-S:30% S-W:42% W-N:13% Calm:0%



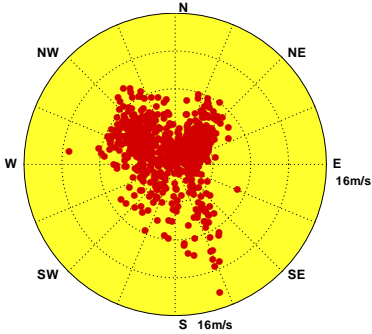
Wind of LTY0 at 2018/07 NO=744(100%)
 MEAN=3.5m/s MAX=12.2m/s(SSW)
 N-E:39% E-S:13% S-W:15% W-N:32% Calm:1%



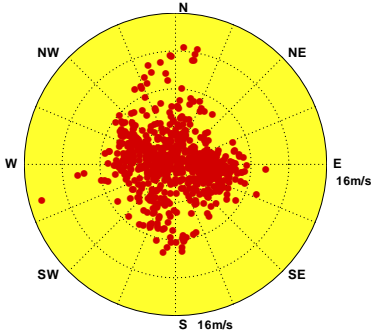
Wind of PNY0 at 2018/07 NO=744(100%)
 MEAN=2.8m/s MAX=8.8m/s(SSE)
 N-E:39% E-S:15% S-W:22% W-N:24% Calm:0%



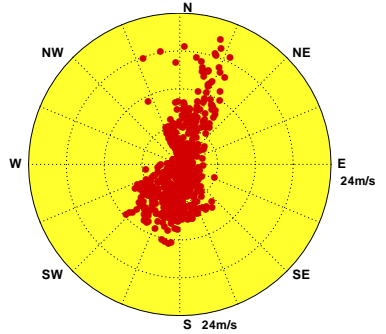
Wind of KHW0 at 2018/07 NO=744(100%)
 MEAN=3.9m/s MAX=14.8m/s(SSE)
 N-E:33% E-S:13% S-W:16% W-N:37% Calm:1%



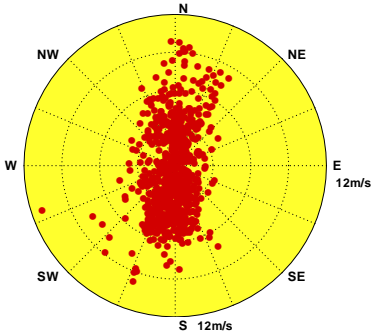
Wind of CNX0 at 2018/07 NO=744(100%)
 MEAN=4.2m/s MAX=15.3m/s(WSW)
 N-E:13% E-S:35% S-W:26% W-N:26% Calm:0%



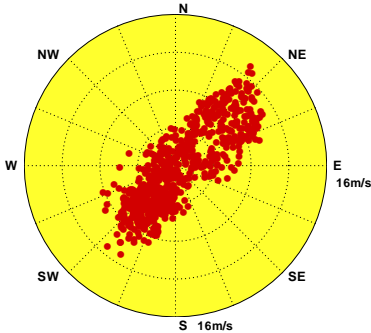
Wind of TCW0 at 2018/07 NO=744(100%)
 MEAN=5.3m/s MAX=19.8m/s(NNE)
 N-E:17% E-S:18% S-W:45% W-N:18% Calm:2%



Wind of PHY0 at 2018/07 NO=744(100%)
 MEAN=3.5m/s MAX=11.6m/s(WSW)
 N-E:18% E-S:18% S-W:43% W-N:20% Calm:1%



Wind of KMY0 at 2018/07 NO=744(100%)
 MEAN=5.3m/s MAX=12.4m/s(NE)
 N-E:32% E-S:7% S-W:55% W-N:6% Calm:0%



Wind of MSY0 at 2018/07 NO=744(100%)
 MEAN=5.9m/s MAX=24.6m/s(S)
 N-E:33% E-S:15% S-W:48% W-N:4% Calm:0%

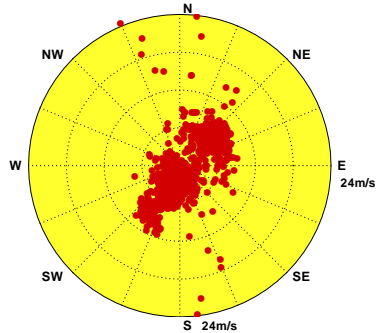


圖4.8b 2018年7月12海域主要測站1修補後觀測風向量分佈圖

W187TPX0.1HA W187KLW0.1HA W187SAW0.1HA W187HLW0.1HA W187LTY0.1HA W187PNY0.1HA
 W187KHW0.1HA W187CNX0.1HA W187TCW0.1HA W187PHY0.1HA W187KMY0.1HA W187MSY0.1HA

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Distribution of Wind Vectors

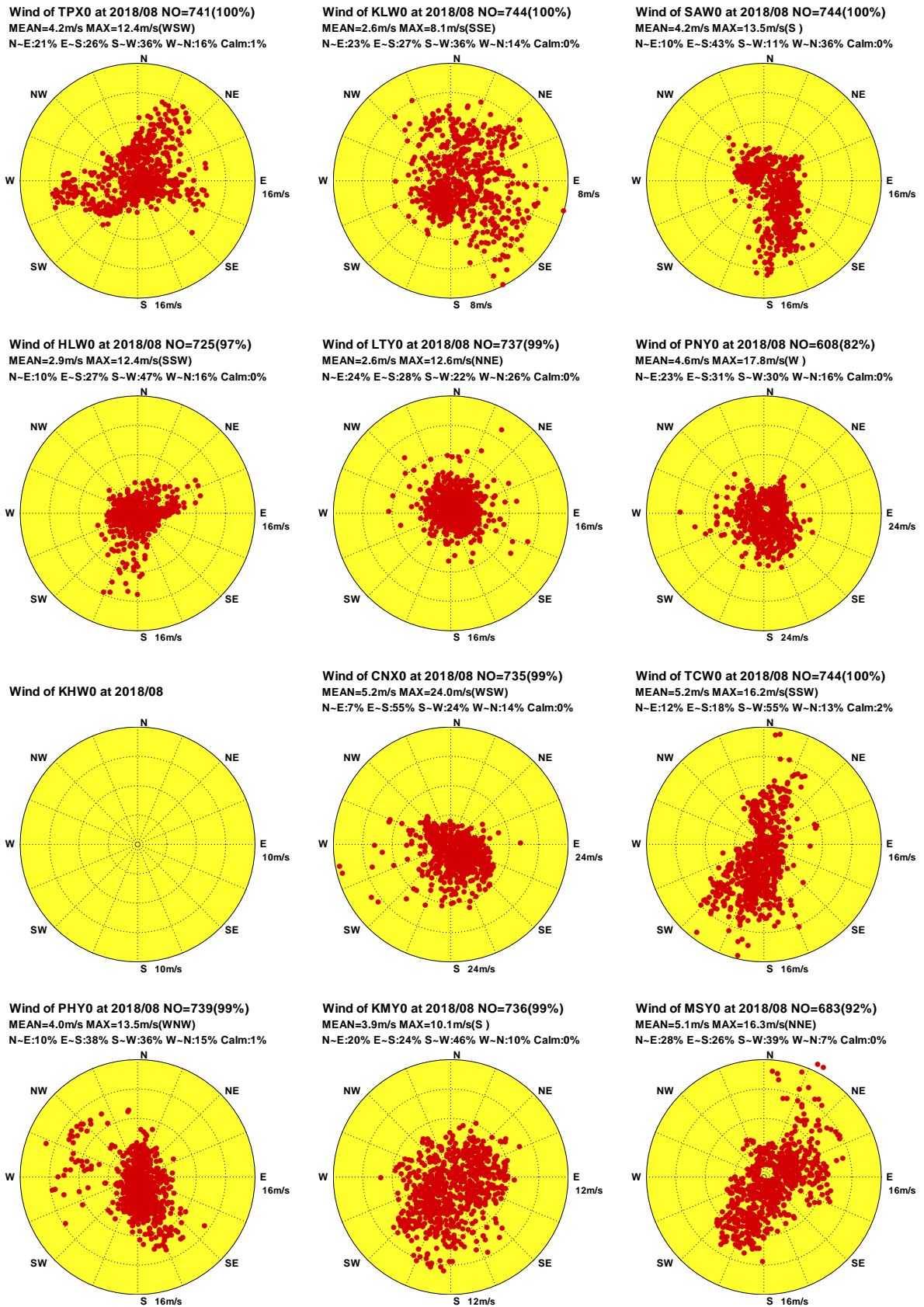


圖4.9a 2018年8月12海域主要測站1修補前觀測風向量分佈圖

W188TPX0.1H0 W188KLW0.1H0 W188SAW0.1H0 W188HLW0.1H0 W188LTY0.1H0 W188PNY0.1H0
W188KHW0.1H0 W188CNX0.1H0 W188TCW0.1H0 W188PHY0.1H0 W188KMY0.1H0 W188MSY0.1H0

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Distribution of Wind Vectors

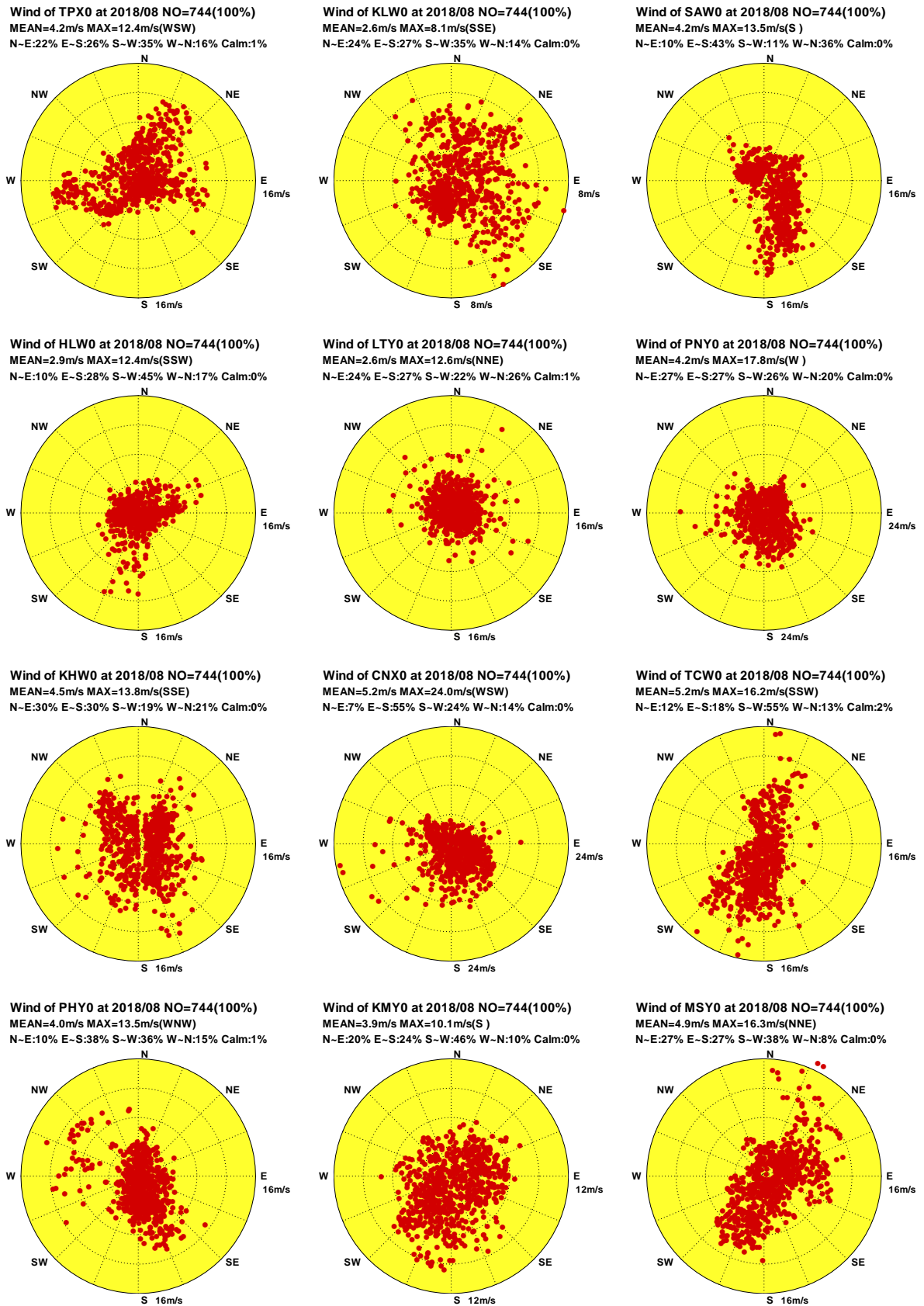


圖4.9b 2018年8月12海域主要測站1修補後觀測風向量分佈圖

W188TPX0.1HA W188KLW0.1HA W188SAW0.1HA W188HLW0.1HA W188LTY0.1HA W188PNY0.1HA
 W188KHW0.1HA W188CNX0.1HA W188TCW0.1HA W188PHY0.1HA W188KMY0.1HA W188MSY0.1HA

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Distribution of Wind Vectors

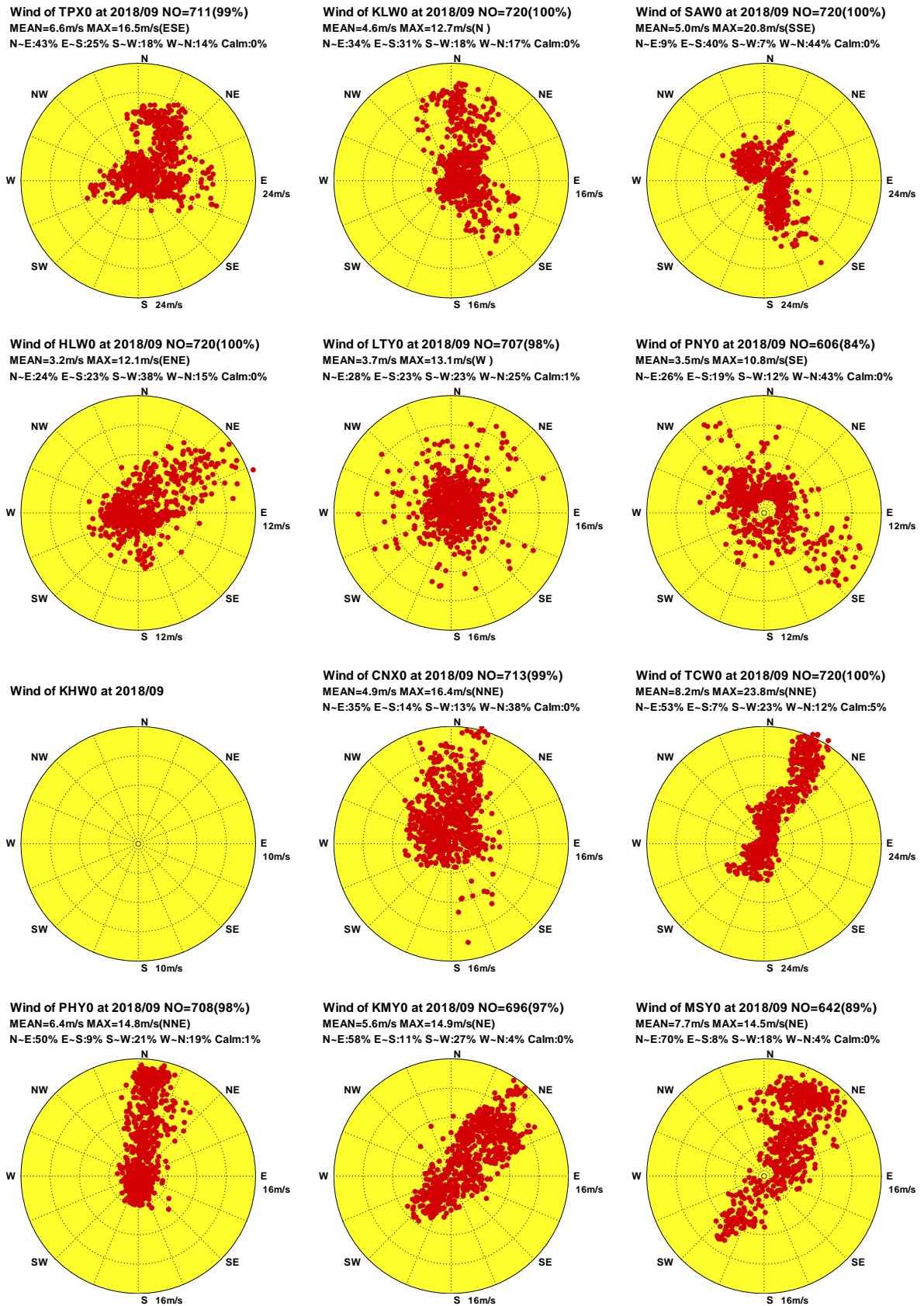


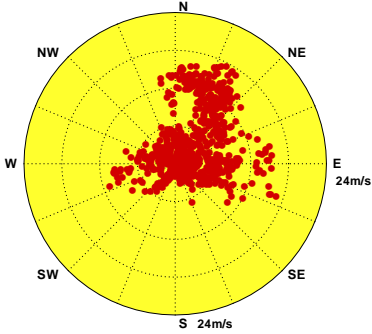
圖4.10a 2018年9月12海域主要測站1修補前觀測風向量分佈圖

W189TPX0.1H0 W189KIW0.1H0 W189SAW0.1H0 W189HLW0.1H0 W189LTY0.1H0 W189PNY0.1H0
W189KHW0.1H0 W189CNX0.1H0 W189TCW0.1H0 W189PHY0.1H0 W189KMY0.1H0 W189MSY0.1H0

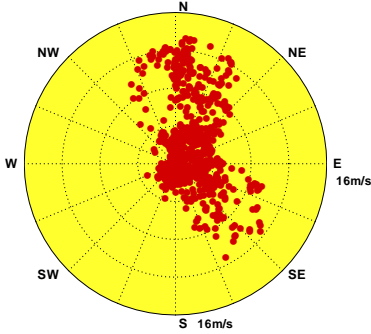
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Distribution of Wind Vectors

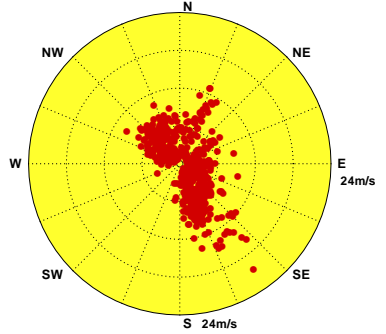
Wind of TPX0 at 2018/09 NO=720(100%)
 MEAN=6.5m/s MAX=16.5m/s(ESE)
 N-E:43% E-S:25% S-W:18% W-N:14% Calm:0%



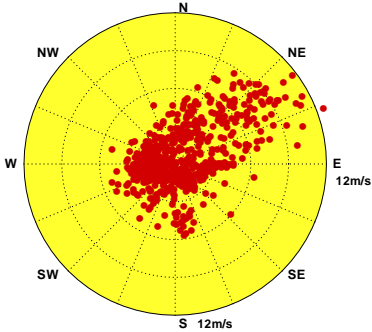
Wind of KLW0 at 2018/09 NO=720(100%)
 MEAN=4.6m/s MAX=12.7m/s(N)
 N-E:34% E-S:31% S-W:18% W-N:17% Calm:0%



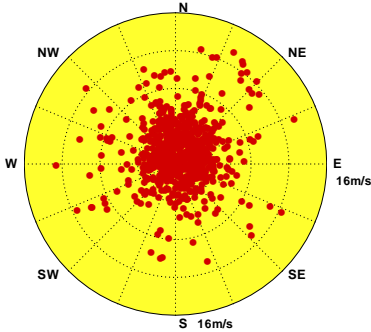
Wind of SAW0 at 2018/09 NO=720(100%)
 MEAN=5.0m/s MAX=20.8m/s(SSE)
 N-E:9% E-S:40% S-W:6% W-N:45% Calm:0%



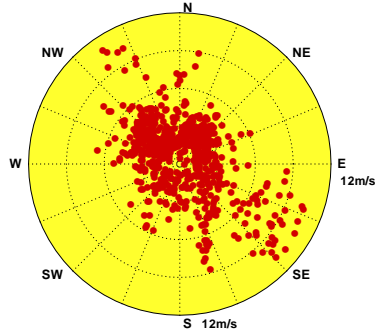
Wind of HLW0 at 2018/09 NO=720(100%)
 MEAN=3.2m/s MAX=12.1m/s(ENE)
 N-E:24% E-S:23% S-W:38% W-N:15% Calm:0%



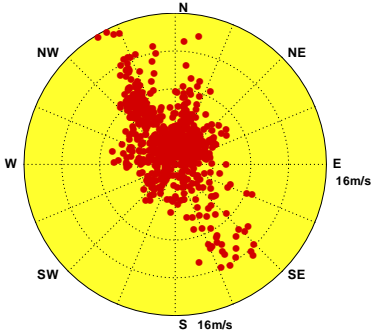
Wind of LTY0 at 2018/09 NO=720(100%)
 MEAN=3.7m/s MAX=13.1m/s(W)
 N-E:28% E-S:23% S-W:23% W-N:25% Calm:1%



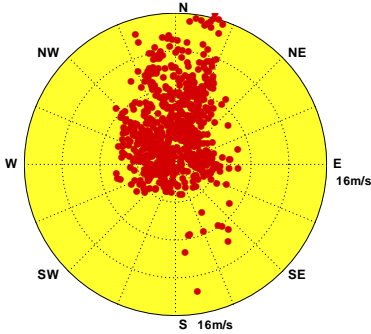
Wind of PNY0 at 2018/09 NO=720(100%)
 MEAN=3.4m/s MAX=10.8m/s(SE)
 N-E:27% E-S:22% S-W:13% W-N:38% Calm:0%



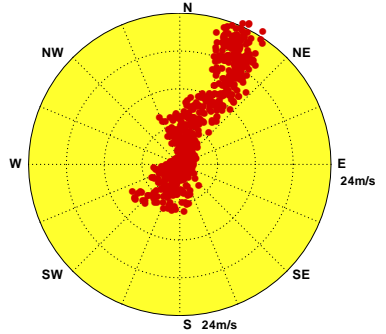
Wind of KHW0 at 2018/09 NO=720(100%)
 MEAN=4.2m/s MAX=15.4m/s(NW)
 N-E:31% E-S:13% S-W:13% W-N:43% Calm:0%



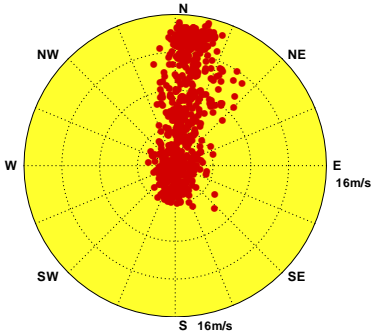
Wind of CNX0 at 2018/09 NO=720(100%)
 MEAN=4.9m/s MAX=16.4m/s(NNE)
 N-E:35% E-S:14% S-W:13% W-N:38% Calm:0%



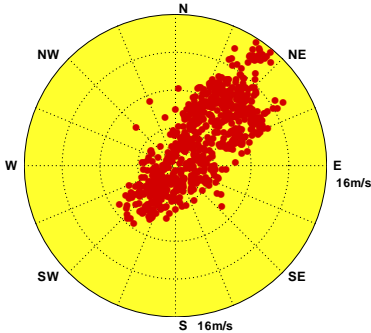
Wind of TCW0 at 2018/09 NO=720(100%)
 MEAN=8.2m/s MAX=23.8m/s(NNE)
 N-E:53% E-S:7% S-W:23% W-N:12% Calm:5%



Wind of PHY0 at 2018/09 NO=720(100%)
 MEAN=6.3m/s MAX=14.8m/s(NNE)
 N-E:51% E-S:9% S-W:21% W-N:18% Calm:1%



Wind of KMY0 at 2018/09 NO=720(100%)
 MEAN=5.6m/s MAX=14.9m/s(NE)
 N-E:58% E-S:11% S-W:27% W-N:4% Calm:0%



Wind of MSY0 at 2018/09 NO=720(100%)
 MEAN=7.7m/s MAX=15.0m/s(NE)
 N-E:73% E-S:8% S-W:16% W-N:3% Calm:0%

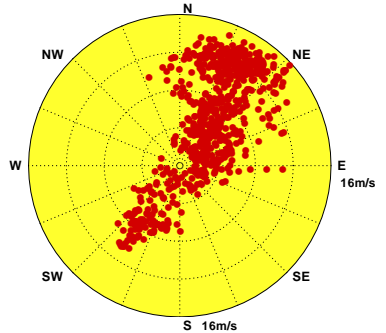


圖4.10b 2018年9月12海域主要測站1修補後觀測風向量分佈圖

W189TPX0.1HA W189KLW0.1HA W189SAW0.1HA W189HLW0.1HA W189LTY0.1HA W189PNY0.1HA
 W189KHW0.1HA W189CNX0.1HA W189TCW0.1HA W189PHY0.1HA W189KMY0.1HA W189MSY0.1HA

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Distribution of Wind Vectors

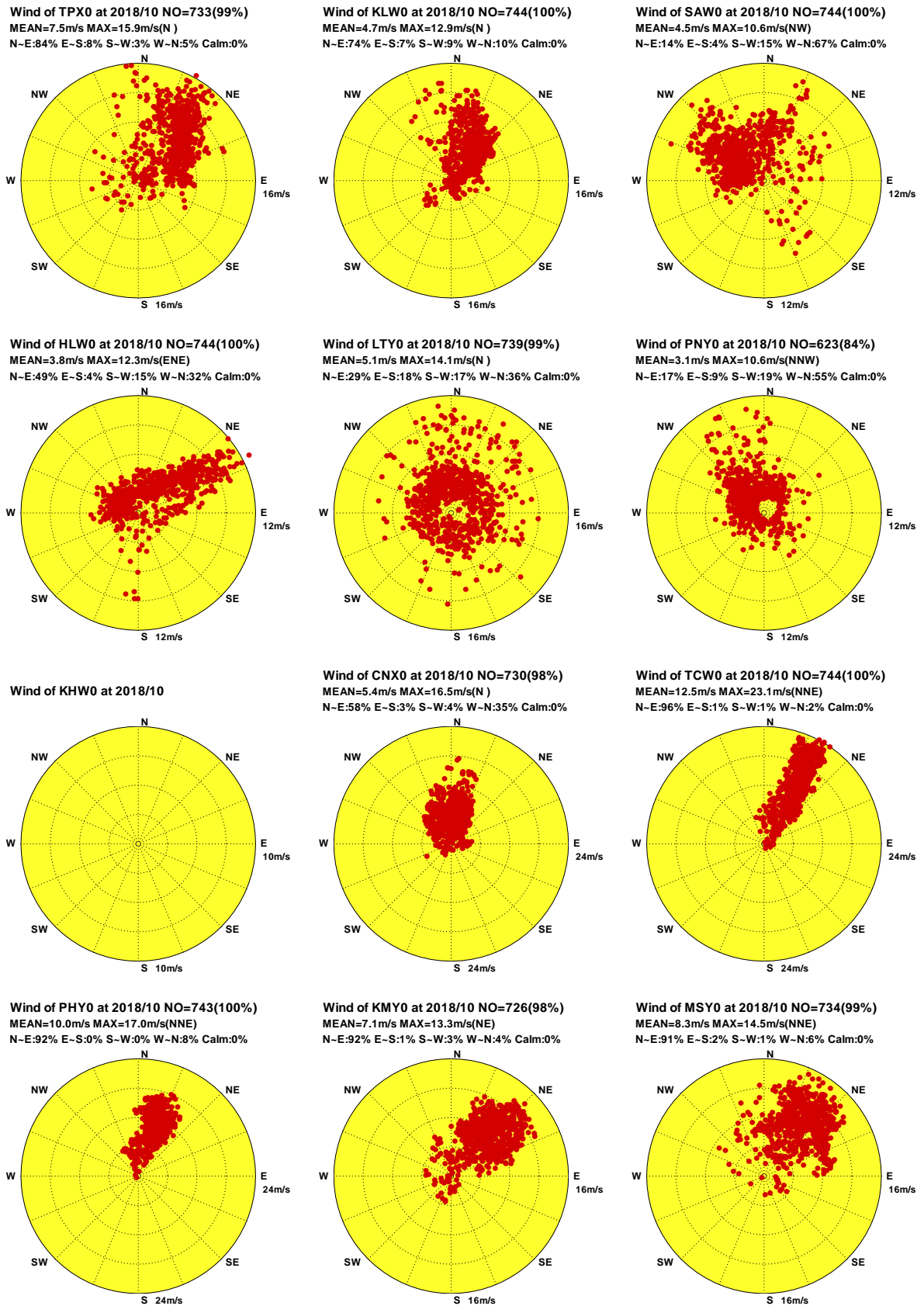


圖4.11a 2018年10月12海域主要測站1修補前觀測風向量分佈圖

W18ATPX0.1H0 W18AKLW0.1H0 W18ASAW0.1H0 W18AHLW0.1H0 W18ALTY0.1H0 W18APNY0.1H0
 W18AKHW0.1H0 W18ACNX0.1H0 W18ATCW0.1H0 W18APHY0.1H0 W18AKMY0.1H0 W18AMSY0.1H0

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Distribution of Wind Vectors

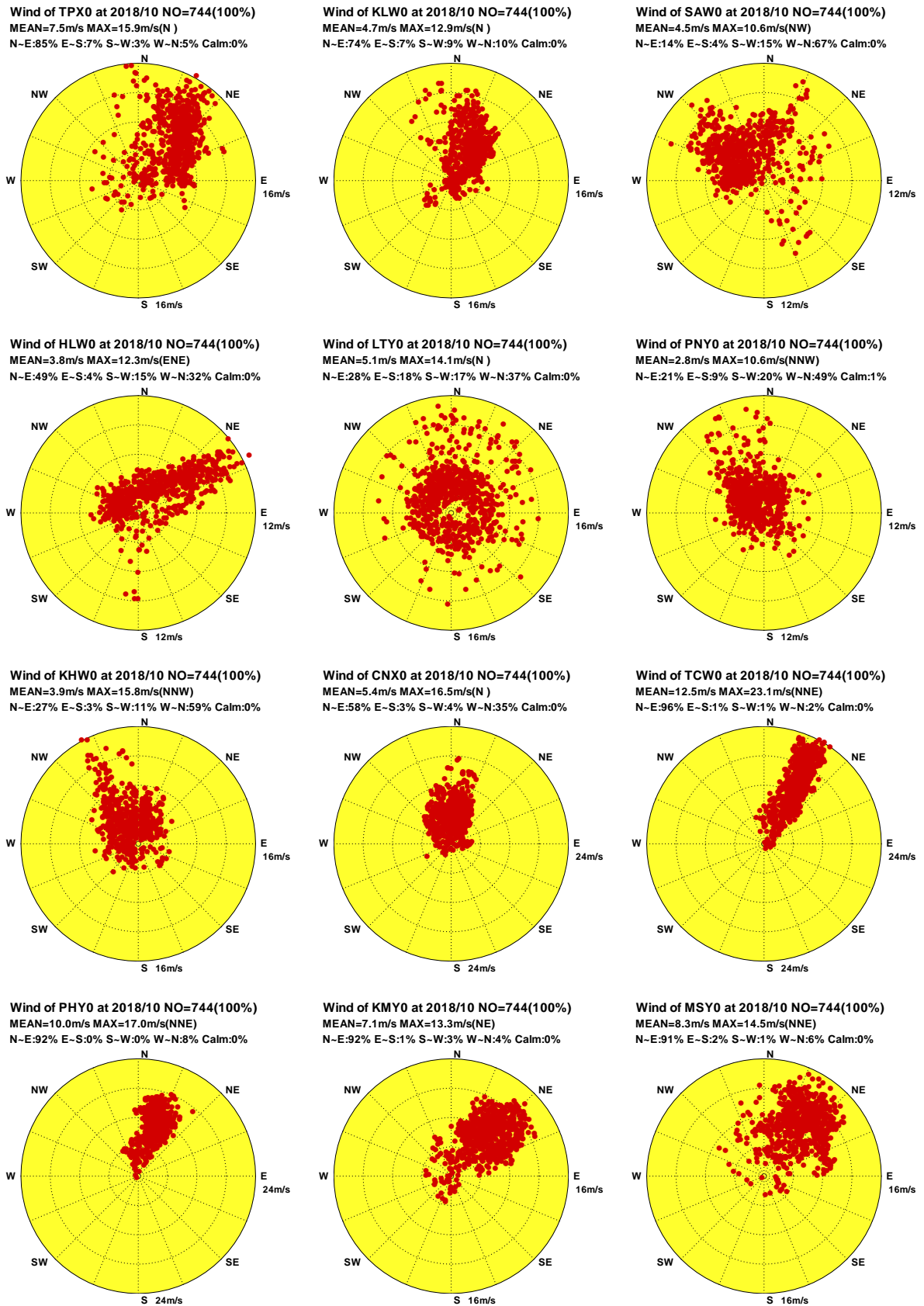


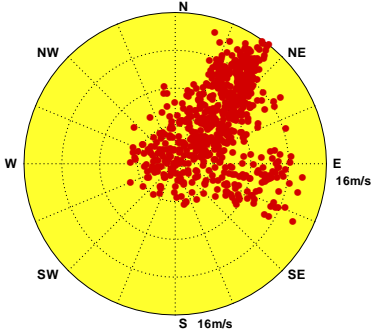
圖 4.11b 2018 年 10 月 12 海域主要測站 1 修補後觀測風向量分佈圖

W18ATPX0.1HA W18AKLW0.1HA W18ASAW0.1HA W18AHLW0.1HA W18ALTY0.1HA W18APNY0.1HA
 W18AKHW0.1HA W18ACNX0.1HA W18ATCW0.1HA W18APHY0.1HA W18AKMY0.1HA W18AMSY0.1HA

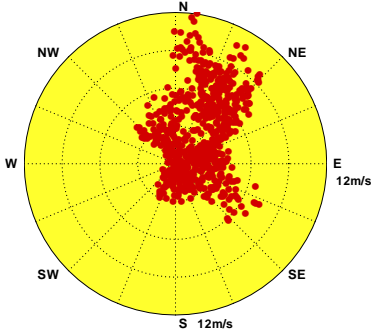
Institute of Harbor & Marine Technology

Distribution of Wind Vectors

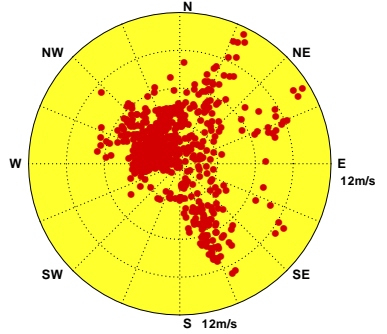
Wind of TPX0 at 2018/11 NO=711(99%)
 MEAN=7.0m/s MAX=15.3m/s(NE)
 N-E:68% E-S:17% S-W:7% W-N:8% Calm:0%



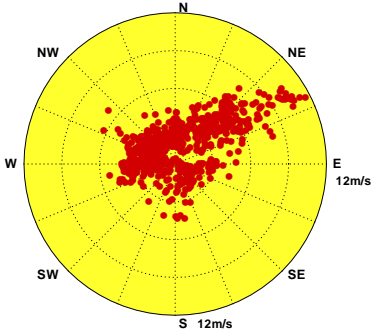
Wind of KLOW at 2018/11 NO=720(100%)
 MEAN=3.8m/s MAX=11.6m/s(N)
 N-E:53% E-S:22% S-W:8% W-N:17% Calm:0%



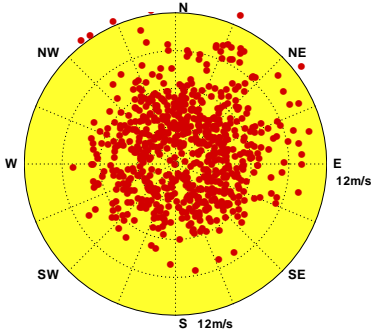
Wind of SAW0 at 2018/11 NO=720(100%)
 MEAN=3.6m/s MAX=10.9m/s(ENE)
 N-E:14% E-S:16% S-W:21% W-N:49% Calm:0%



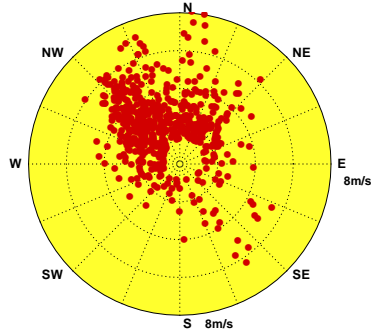
Wind of HLW0 at 2018/11 NO=720(100%)
 MEAN=3.2m/s MAX=11.1m/s(ENE)
 N-E:32% E-S:10% S-W:25% W-N:33% Calm:0%



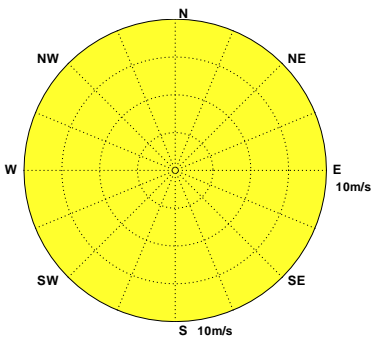
Wind of LTY0 at 2018/11 NO=720(100%)
 MEAN=4.6m/s MAX=12.3m/s(NNE)
 N-E:32% E-S:24% S-W:19% W-N:25% Calm:0%



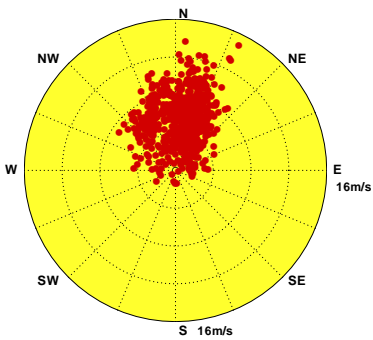
Wind of PNY0 at 2018/11 NO=592(82%)
 MEAN=3.0m/s MAX=7.8m/s(N)
 N-E:26% E-S:6% S-W:9% W-N:59% Calm:0%



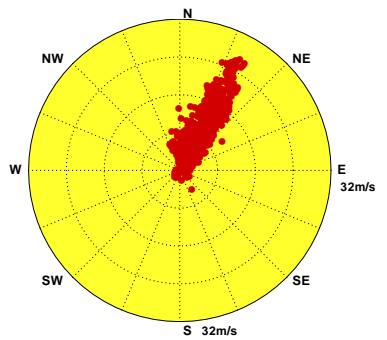
Wind of KHW0 at 2018/11



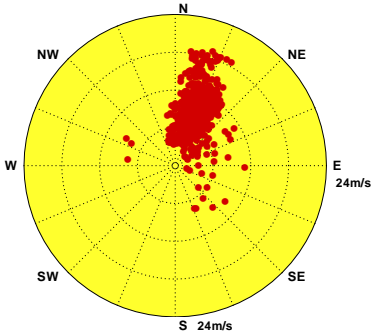
Wind of CNX0 at 2018/11 NO=716(99%)
 MEAN=5.3m/s MAX=14.1m/s(NNE)
 N-E:60% E-S:2% S-W:2% W-N:36% Calm:0%



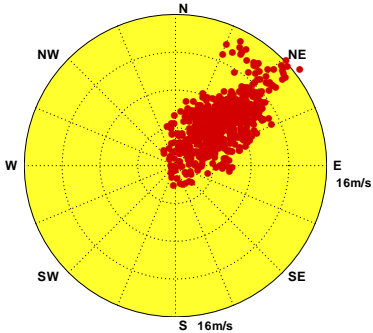
Wind of TCW0 at 2018/11 NO=720(100%)
 MEAN=9.4m/s MAX=25.3m/s(NNE)
 N-E:86% E-S:3% S-W:4% W-N:6% Calm:1%



Wind of PHY0 at 2018/11 NO=720(100%)
 MEAN=8.7m/s MAX=18.1m/s(NNE)
 N-E:92% E-S:2% S-W:0% W-N:6% Calm:0%



Wind of KMY0 at 2018/11 NO=701(97%)
 MEAN=6.2m/s MAX=15.9m/s(NE)
 N-E:91% E-S:4% S-W:1% W-N:4% Calm:0%



Wind of MSY0 at 2018/11 NO=672(93%)
 MEAN=8.8m/s MAX=14.6m/s(NE)
 N-E:95% E-S:0% S-W:1% W-N:4% Calm:0%

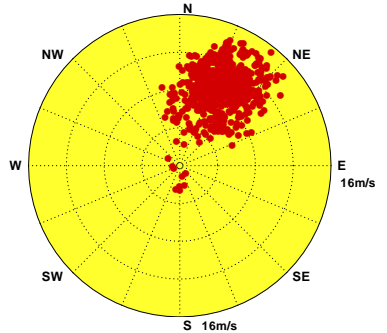


圖4.12a 2018年11月12海域主要測站1修補前觀測風向量分佈圖

W18BTPX0.1H0 W18BKLW0.1H0 W18BSAW0.1H0 W18BHLW0.1H0 W18BLTY0.1H0 W18BPNY0.1H0
 W18BKHW0.1H0 W18BCNX0.1H0 W18BTCW0.1H0 W18BPHY0.1H0 W18BKMY0.1H0 W18BMSY0.1H0

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Distribution of Wind Vectors

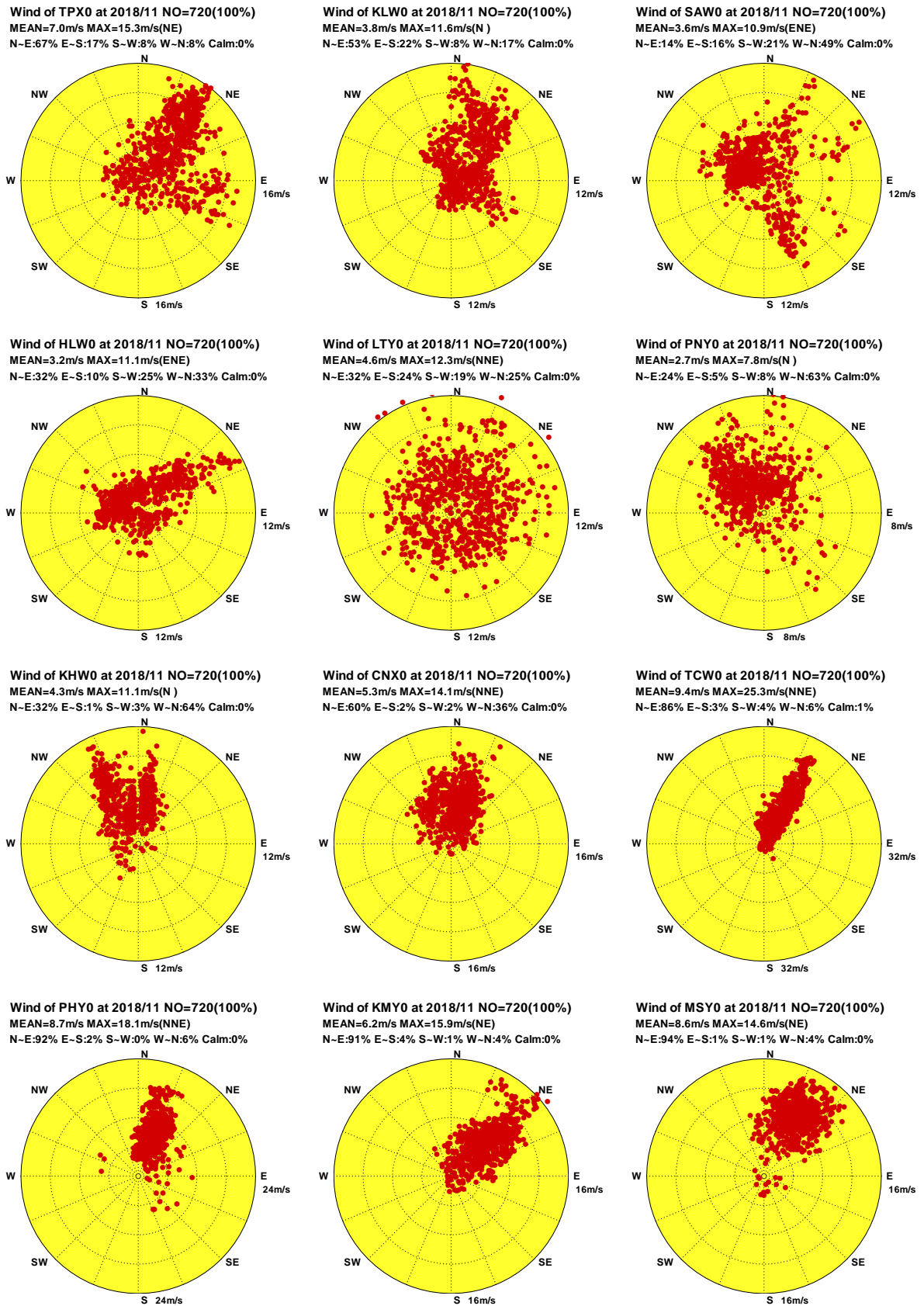


圖4.12b 2018年11月12海域主要測站1修補後觀測風向量分佈圖

W18BTPX0.1HA W18BKLW0.1HA W18BSAW0.1HA W18BHLW0.1HA W18BLTY0.1HA W18BPNY0.1HA
 W18BKHW0.1HA W18BCNX0.1HA W18BTCW0.1HA W18BPHY0.1HA W18BKMY0.1HA W18BMSY0.1HA

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第五章 2018 年 12 海域風力主要測站 1 修補前後風力向量行進圖

(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)

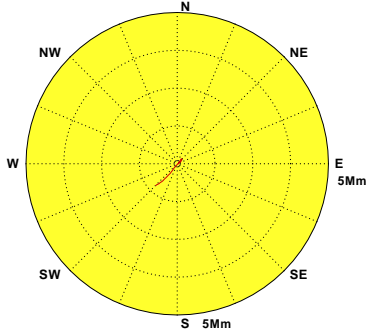
(澎湖海域)

(金門海域)

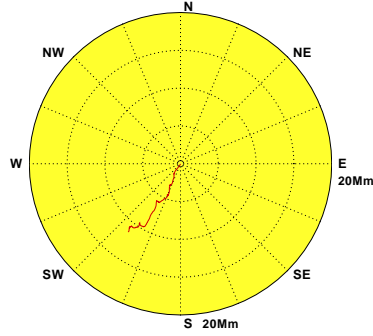
(馬祖海域)

Progressive Vector Diagram of Wind

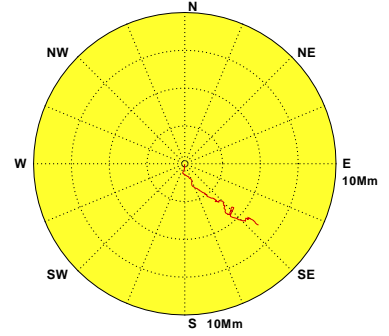
Wind of TPX0 at 2017/12 NO=60(8%)
MEAN=7.2m/s MAX=14.8m/s(NE)
N-E:64% E-S:5% S-W:23% W-N:8% Calm:0%



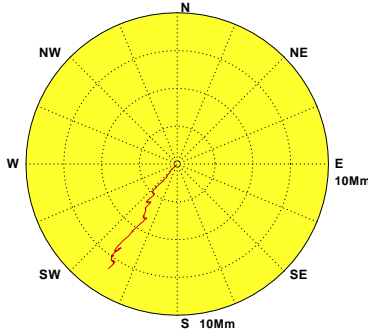
Wind of KLOW at 2017/12 NO=744(100%)
MEAN=5.5m/s MAX=14.1m/s(N)
N-E:68% E-S:20% S-W:6% W-N:6% Calm:0%



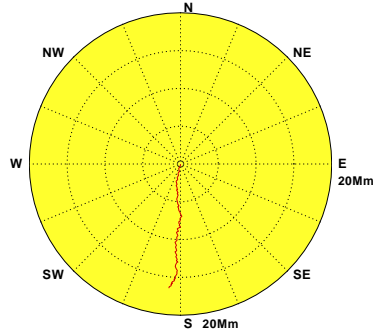
Wind of SAW0 at 2017/12 NO=530(71%)
MEAN=5.1m/s MAX=12.1m/s(NNE)
N-E:16% E-S:3% S-W:15% W-N:66% Calm:0%



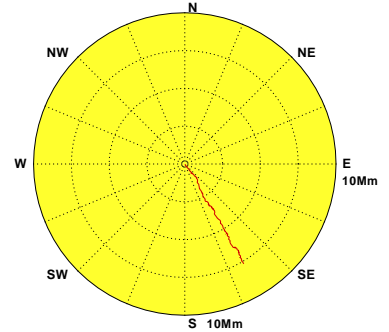
Wind of HLW0 at 2017/12 NO=744(100%)
MEAN=4.5m/s MAX=13.3m/s(NE)
N-E:56% E-S:3% S-W:15% W-N:26% Calm:0%



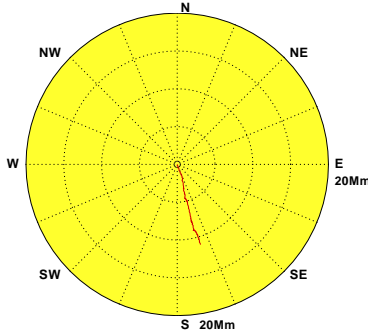
Wind of LTY0 at 2017/12 NO=744(100%)
MEAN=7.3m/s MAX=18.1m/s(ENE)
N-E:42% E-S:0% S-W:0% W-N:58% Calm:0%



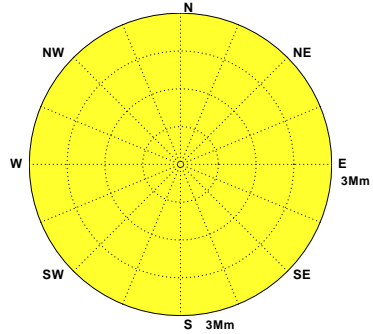
Wind of PNY0 at 2017/12 NO=703(94%)
MEAN=3.5m/s MAX=8.8m/s(NW)
N-E:21% E-S:1% S-W:5% W-N:73% Calm:0%



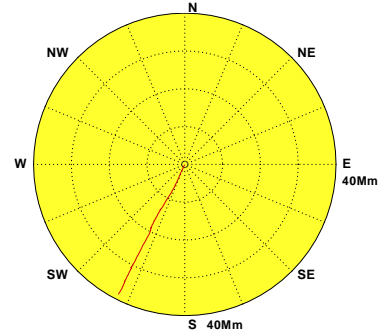
Wind of KHW0 at 2017/12 NO=743(100%)
MEAN=4.6m/s MAX=12.6m/s(NNW)
N-E:31% E-S:0% S-W:3% W-N:64% Calm:2%



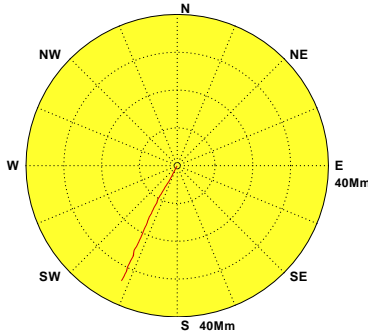
Wind of CNX0 at 2017/12



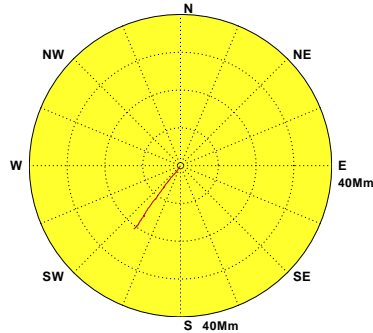
Wind of TCW0 at 2017/12 NO=744(100%)
MEAN=14.6m/s MAX=28.3m/s(NNE)
N-E:94% E-S:1% S-W:1% W-N:4% Calm:0%



Wind of PHY0 at 2017/12 NO=744(100%)
MEAN=12.8m/s MAX=19.0m/s(NNE)
N-E:98% E-S:0% S-W:0% W-N:2% Calm:0%



Wind of KMY0 at 2017/12 NO=735(99%)
MEAN=8.2m/s MAX=14.4m/s(NE)
N-E:93% E-S:1% S-W:2% W-N:4% Calm:0%



Wind of MSY0 at 2017/12 NO=126(17%)
MEAN=10.3m/s MAX=21.3m/s(E)
N-E:99% E-S:1% S-W:0% W-N:0% Calm:0%

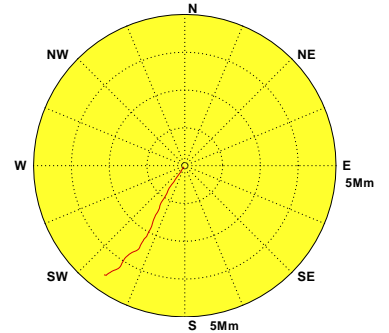


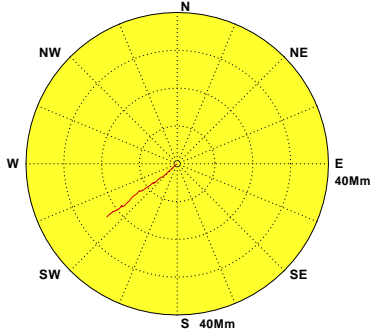
圖5.1a 2017年12月12海域主要測站1修補前觀測風向量行進圖

W17CTPX0.1H0 W17CKLW0.1H0 W17CSAW0.1H0 W17CHLW0.1H0 W17CLTY0.1H0 W17CPNY0.1H0
W17CKHW0.1H0 W17CCNX0.1H0 W17CTCW0.1H0 W17CPHY0.1H0 W17CKMY0.1H0 W17CMSY0.1H0

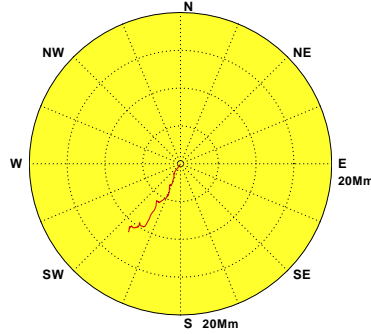
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Progressive Vector Diagram of Wind

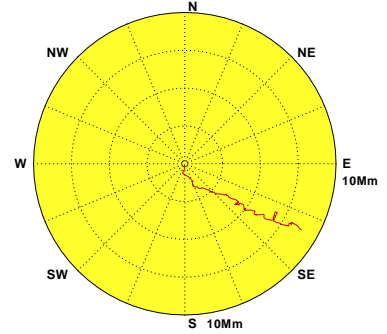
Wind of TPX0 at 2017/12 NO=744(100%)
 MEAN=9.4m/s MAX=16.6m/s(NE)
 N-E:85% E-S:12% S-W:2% W-N:1% Calm:0%



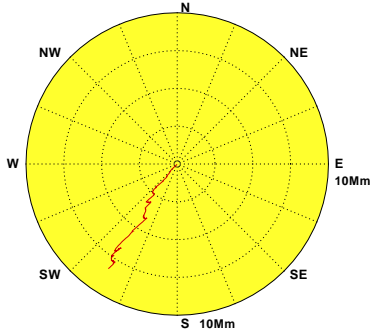
Wind of KLOW at 2017/12 NO=744(100%)
 MEAN=5.5m/s MAX=14.1m/s(N)
 N-E:68% E-S:20% S-W:6% W-N:6% Calm:0%



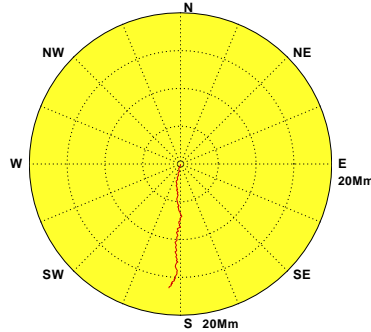
Wind of SAW0 at 2017/12 NO=744(100%)
 MEAN=5.1m/s MAX=12.1m/s(NNE)
 N-E:14% E-S:2% S-W:24% W-N:60% Calm:0%



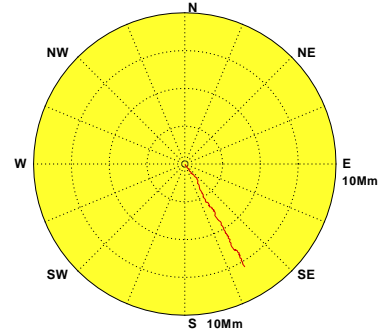
Wind of HLW0 at 2017/12 NO=744(100%)
 MEAN=4.5m/s MAX=13.3m/s(NE)
 N-E:56% E-S:3% S-W:15% W-N:26% Calm:0%



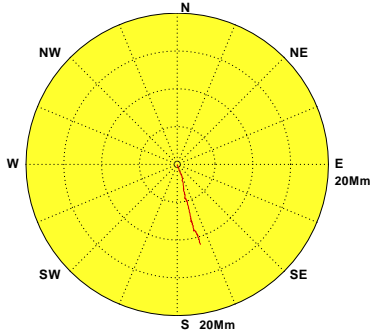
Wind of LTY0 at 2017/12 NO=744(100%)
 MEAN=7.3m/s MAX=18.1m/s(ENE)
 N-E:42% E-S:0% S-W:0% W-N:58% Calm:0%



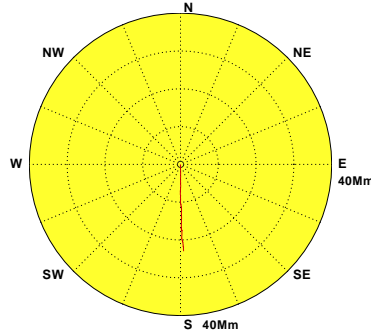
Wind of PNY0 at 2017/12 NO=744(100%)
 MEAN=3.5m/s MAX=8.8m/s(NW)
 N-E:22% E-S:1% S-W:5% W-N:72% Calm:0%



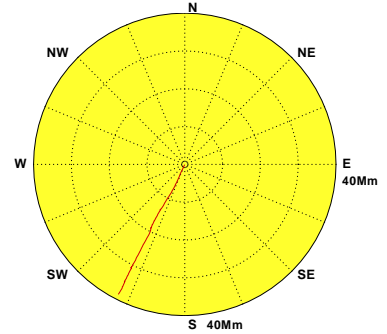
Wind of KHW0 at 2017/12 NO=744(100%)
 MEAN=4.6m/s MAX=12.6m/s(NNW)
 N-E:31% E-S:0% S-W:3% W-N:64% Calm:2%



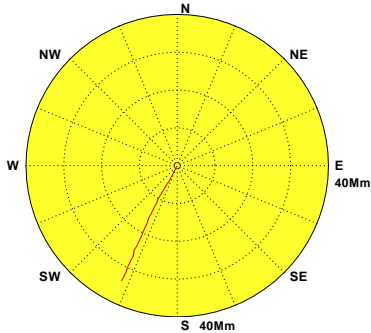
Wind of CNX0 at 2017/12 NO=744(100%)
 MEAN=8.8m/s MAX=18.1m/s(N)
 N-E:52% E-S:0% S-W:1% W-N:47% Calm:0%



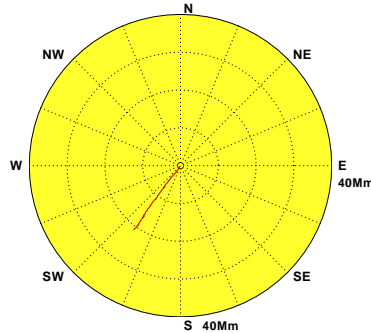
Wind of TCW0 at 2017/12 NO=744(100%)
 MEAN=14.6m/s MAX=28.3m/s(NNE)
 N-E:94% E-S:1% S-W:1% W-N:4% Calm:0%



Wind of PHY0 at 2017/12 NO=744(100%)
 MEAN=12.8m/s MAX=19.0m/s(NNE)
 N-E:98% E-S:0% S-W:0% W-N:2% Calm:0%



Wind of KMY0 at 2017/12 NO=744(100%)
 MEAN=8.2m/s MAX=14.4m/s(NE)
 N-E:93% E-S:1% S-W:2% W-N:4% Calm:0%



Wind of MSY0 at 2017/12 NO=744(100%)
 MEAN=10.1m/s MAX=21.3m/s(E)
 N-E:99% E-S:0% S-W:0% W-N:1% Calm:0%

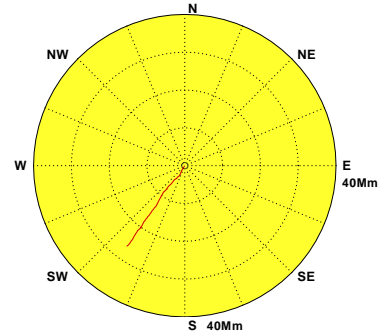


圖5.1b 2017年12月12海域主要測站1修補後觀測風向量行進圖

W17CTPX0.1HA W17CKLOW.1HA W17CSAW0.1HA W17CHLW0.1HA W17CLTY0.1HA W17CPNY0.1HA
 W17CKHW0.1HA W17CCNX0.1HA W17CTCW0.1HA W17CPHY0.1HA W17CKMY0.1HA W17CMSY0.1HA

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Progressive Vector Diagram of Wind

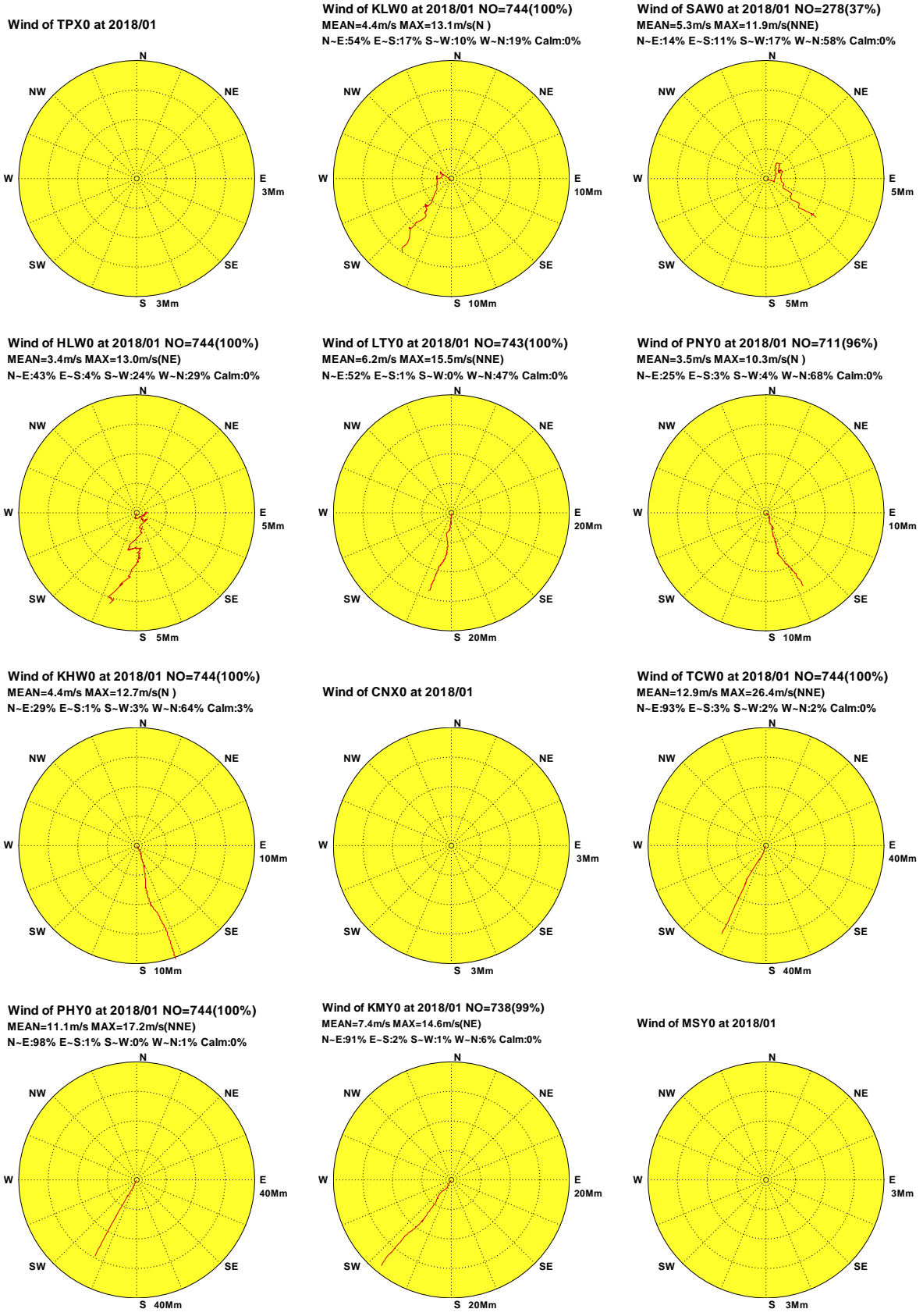


圖5.2a 2018年1月12海域主要測站1修補前觀測風向量行進圖

W181TPX0.1H0 W181KIW0.1H0 W181SAW0.1H0 W181HLW0.1H0 W181LTY0.1H0 W181PNY0.1H0
W181KHW0.1H0 W181CNX0.1H0 W181TCW0.1H0 W181PHY0.1H0 W181KMY0.1H0 W181MSY0.1H0

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Progressive Vector Diagram of Wind

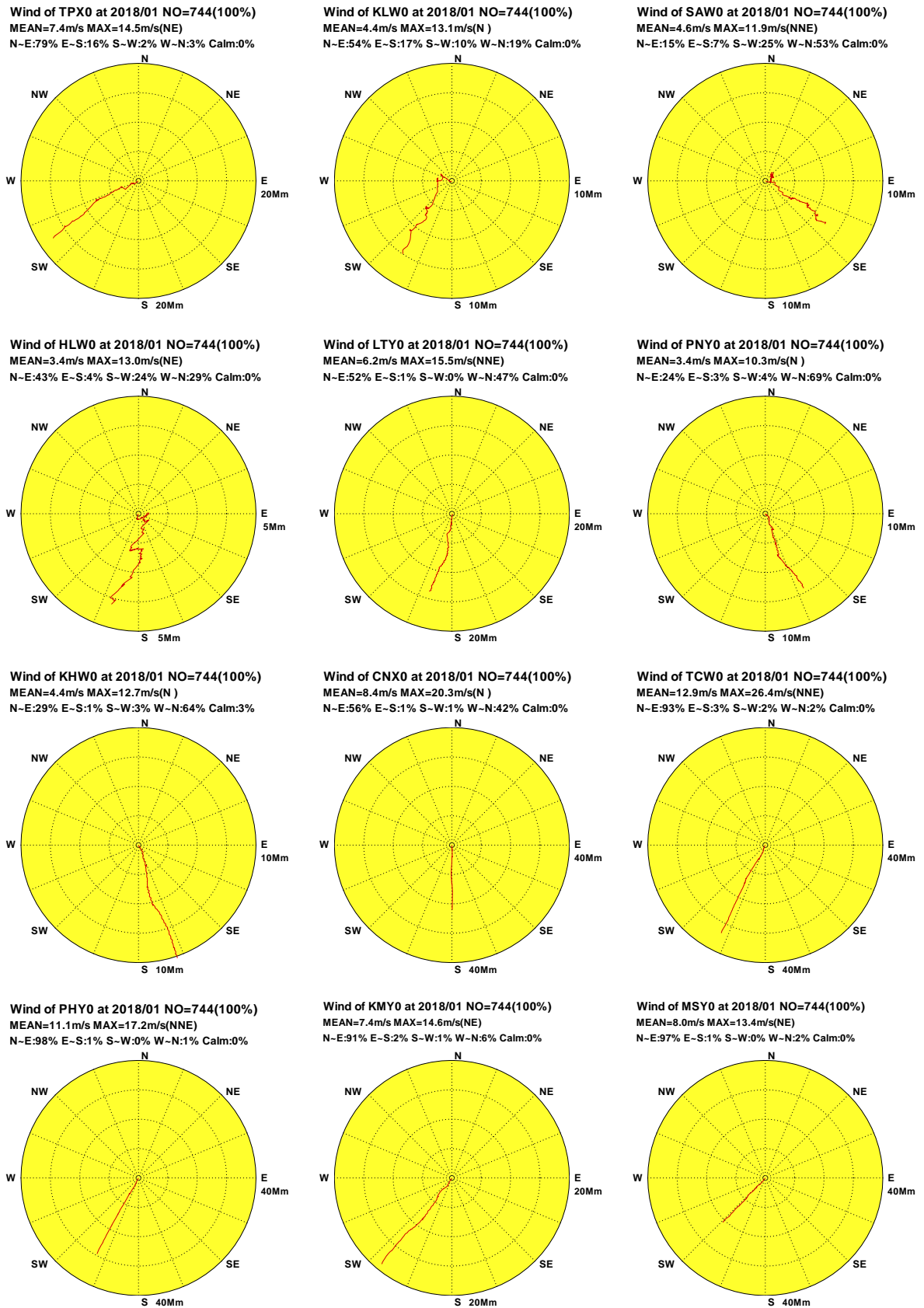


圖5.2b 2018年1月12海域主要測站1修補後觀測風向量行進圖

W181TPX0.1HA W181KLW0.1HA W181SAW0.1HA W181HLW0.1HA W181LTY0.1HA W181PNY0.1HA
W181KHW0.1HA W181CNX0.1HA W181TCW0.1HA W181PHY0.1HA W181KMY0.1HA W181MSY0.1HA

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Progressive Vector Diagram of Wind

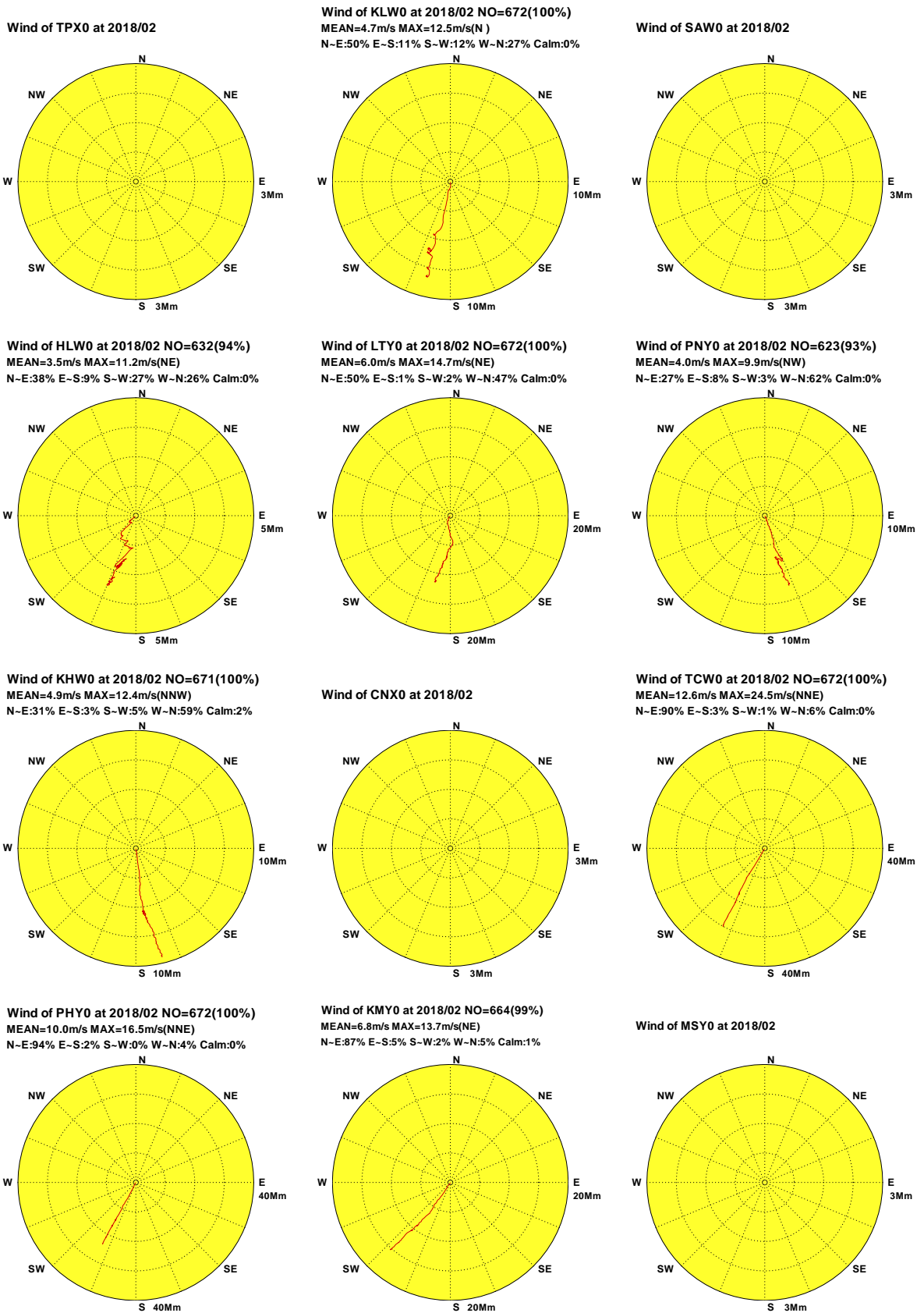


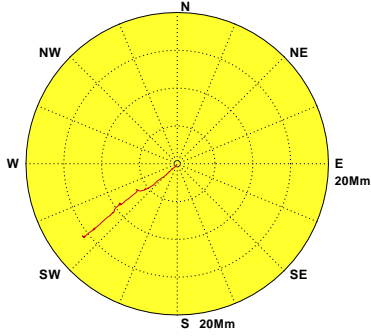
圖5.3a 2018年2月12海域主要測站1修補前觀測風向量行進圖

W182TPX0.1H0 W182KLW0.1H0 W182SAW0.1H0 W182HLW0.1H0 W182LTY0.1H0 W182PNY0.1H0
 W182KHW0.1H0 W182CNX0.1H0 W182TCW0.1H0 W182PHY0.1H0 W182KMY0.1H0 W182MSY0.1H0

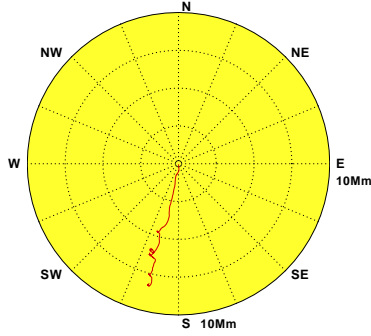
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Progressive Vector Diagram of Wind

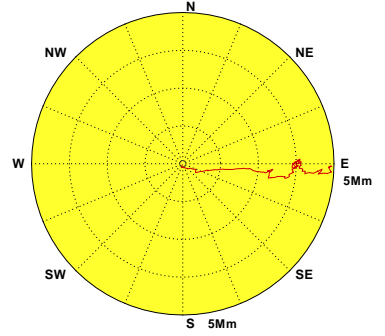
Wind of TPX0 at 2018/02 NO=672(100%)
 MEAN=7.3m/s MAX=16.5m/s(ESE)
 N-E:78% E-S:14% S-W:4% W-N:4% Calm:0%



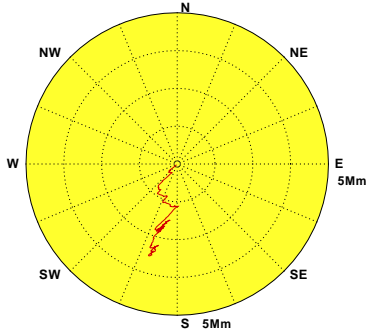
Wind of KLW0 at 2018/02 NO=672(100%)
 MEAN=4.7m/s MAX=12.5m/s(N)
 N-E:51% E-S:11% S-W:11% W-N:27% Calm:0%



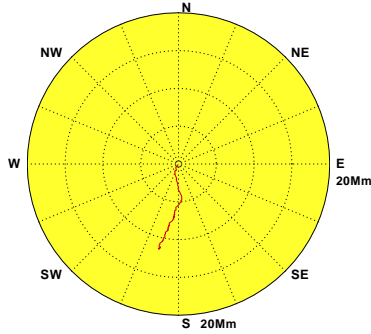
Wind of SAW0 at 2018/02 NO=672(100%)
 MEAN=3.8m/s MAX=9.4m/s(SE)
 N-E:14% E-S:7% S-W:50% W-N:29% Calm:0%



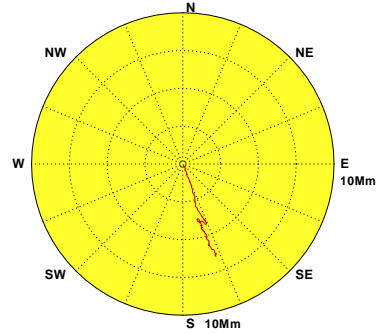
Wind of HLW0 at 2018/02 NO=672(100%)
 MEAN=3.5m/s MAX=11.2m/s(NE)
 N-E:37% E-S:8% S-W:26% W-N:29% Calm:0%



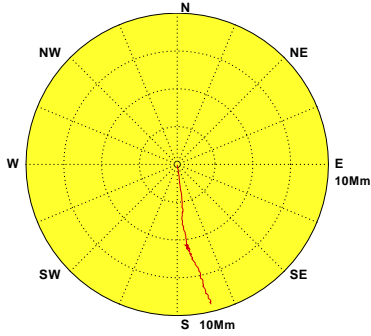
Wind of LTY0 at 2018/02 NO=672(100%)
 MEAN=6.0m/s MAX=14.7m/s(NE)
 N-E:50% E-S:1% S-W:2% W-N:47% Calm:0%



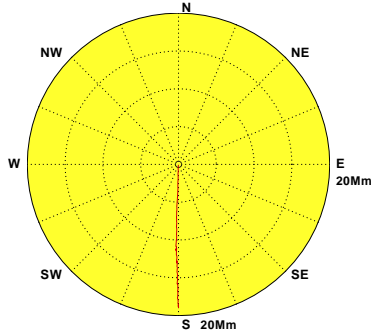
Wind of PNY0 at 2018/02 NO=672(100%)
 MEAN=3.8m/s MAX=9.9m/s(NW)
 N-E:26% E-S:7% S-W:3% W-N:64% Calm:0%



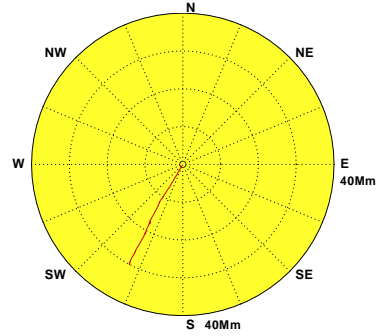
Wind of KHW0 at 2018/02 NO=672(100%)
 MEAN=4.9m/s MAX=12.4m/s(NNW)
 N-E:31% E-S:3% S-W:5% W-N:59% Calm:2%



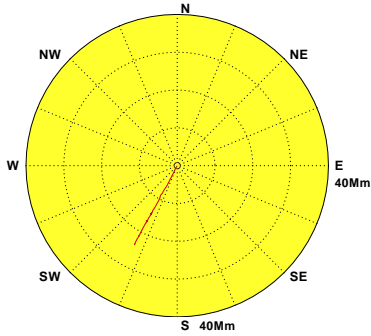
Wind of CNX0 at 2018/02 NO=672(100%)
 MEAN=8.3m/s MAX=17.4m/s(N)
 N-E:67% E-S:1% S-W:3% W-N:29% Calm:0%



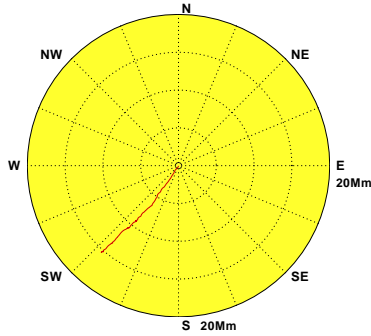
Wind of TCW0 at 2018/02 NO=672(100%)
 MEAN=12.6m/s MAX=24.5m/s(NNE)
 N-E:90% E-S:3% S-W:1% W-N:6% Calm:0%



Wind of PHY0 at 2018/02 NO=672(100%)
 MEAN=10.0m/s MAX=16.5m/s(NNE)
 N-E:94% E-S:2% S-W:0% W-N:4% Calm:0%



Wind of KMY0 at 2018/02 NO=672(100%)
 MEAN=6.8m/s MAX=13.7m/s(NE)
 N-E:87% E-S:5% S-W:2% W-N:5% Calm:1%



Wind of MSY0 at 2018/02 NO=672(100%)
 MEAN=7.5m/s MAX=13.0m/s(N)
 N-E:88% E-S:4% S-W:5% W-N:3% Calm:0%

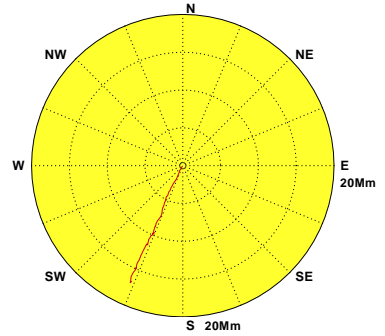


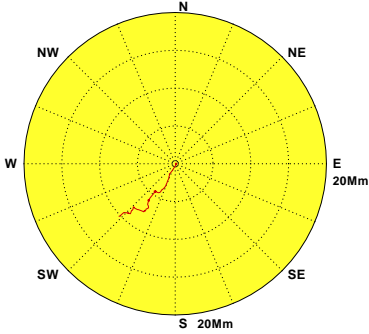
圖5.3b 2018年2月12海域主要測站1修補後觀測風向量行進圖

W182TPX0.1HA W182KLW0.1HA W182SAW0.1HA W182HLW0.1HA W182LTY0.1HA W182PNY0.1HA
 W182KHW0.1HA W182CNX0.1HA W182TCW0.1HA W182PHY0.1HA W182KMY0.1HA W182MSY0.1HA

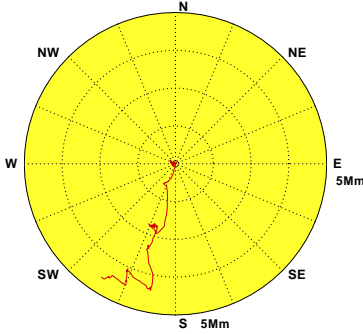
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Progressive Vector Diagram of Wind

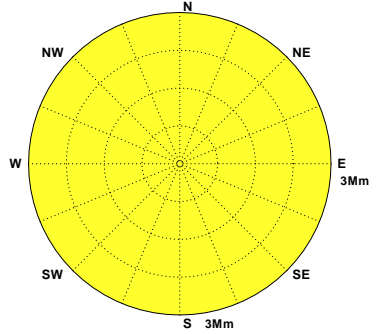
Wind of TPX0 at 2018/03 NO=674(91%)
MEAN=6.4m/s MAX=17.5m/s(NNE)
N-E:51% E-S:27% S-W:8% W-N:14% Calm:0%



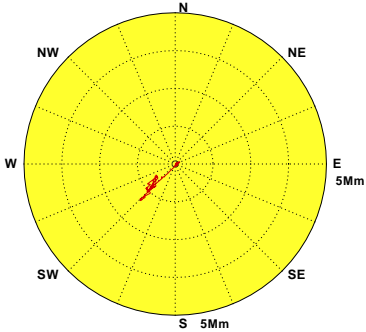
Wind of KLW0 at 2018/03 NO=744(100%)
MEAN=3.8m/s MAX=12.1m/s(NW)
N-E:33% E-S:29% S-W:16% W-N:22% Calm:0%



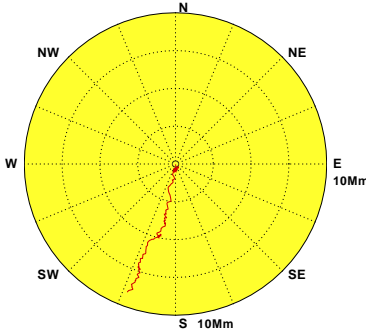
Wind of SAW0 at 2018/03



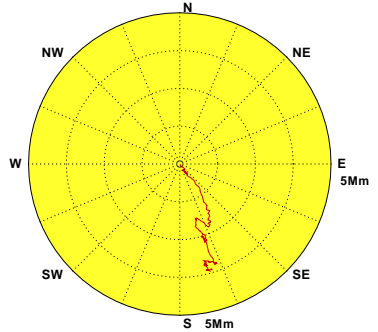
Wind of HLW0 at 2018/03 NO=619(83%)
MEAN=3.4m/s MAX=11.3m/s(NE)
N-E:32% E-S:14% S-W:31% W-N:23% Calm:0%



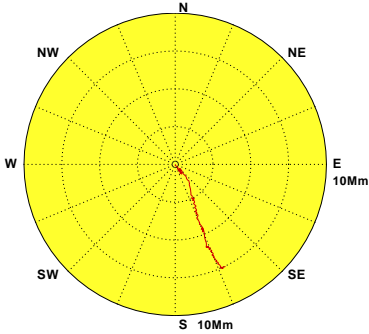
Wind of LTY0 at 2018/03 NO=742(100%)
MEAN=5.3m/s MAX=17.3m/s(ENE)
N-E:44% E-S:8% S-W:7% W-N:41% Calm:0%



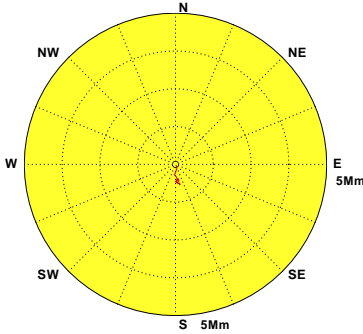
Wind of PNY0 at 2018/03 NO=677(91%)
MEAN=3.6m/s MAX=11.5m/s(SE)
N-E:28% E-S:17% S-W:6% W-N:49% Calm:0%



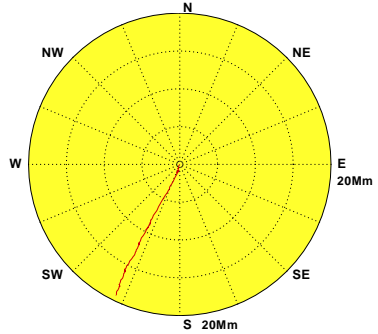
Wind of KHW0 at 2018/03 NO=744(100%)
MEAN=4.3m/s MAX=12.6m/s(NNW)
N-E:29% E-S:6% S-W:7% W-N:55% Calm:3%



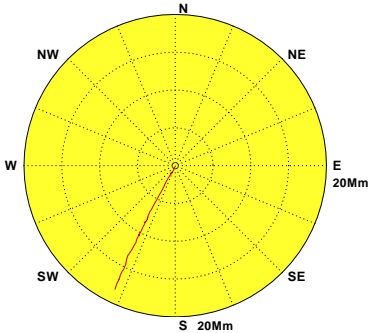
Wind of CNX0 at 2018/03 NO=77(10%)
MEAN=4.4m/s MAX=7.7m/s(NNW)
N-E:32% E-S:17% S-W:8% W-N:43% Calm:0%



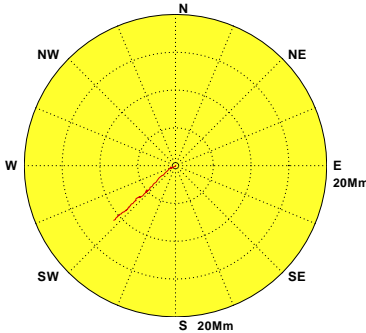
Wind of TCW0 at 2018/03 NO=744(100%)
MEAN=8.3m/s MAX=24.5m/s(NNE)
N-E:71% E-S:8% S-W:9% W-N:10% Calm:2%



Wind of PHY0 at 2018/03 NO=744(100%)
MEAN=7.3m/s MAX=16.4m/s(NNE)
N-E:84% E-S:3% S-W:4% W-N:8% Calm:1%



Wind of KMY0 at 2018/03 NO=733(99%)
MEAN=4.9m/s MAX=15.1m/s(NE)
N-E:74% E-S:9% S-W:6% W-N:11% Calm:0%



Wind of MSY0 at 2018/03

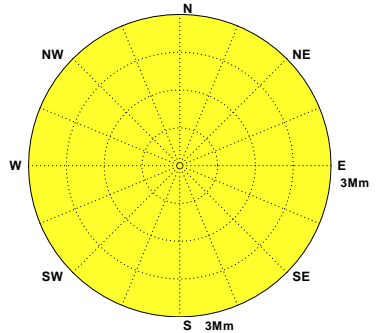


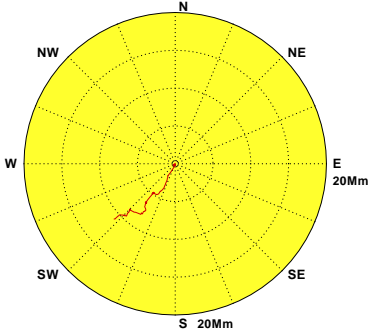
圖5.4a 2018年3月12海域主要測站1修補前觀測風向量行進圖

W183TPX0.1H0 W183KLW0.1H0 W183SAW0.1H0 W183HLW0.1H0 W183LTY0.1H0 W183PNY0.1H0
W183KHW0.1H0 W183CNX0.1H0 W183TCW0.1H0 W183PHY0.1H0 W183KMY0.1H0 W183MSY0.1H0

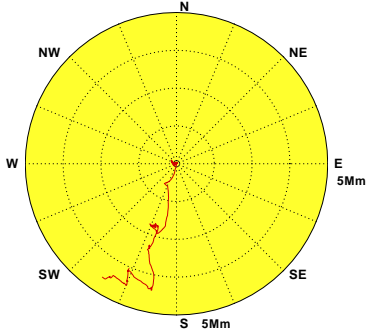
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Progressive Vector Diagram of Wind

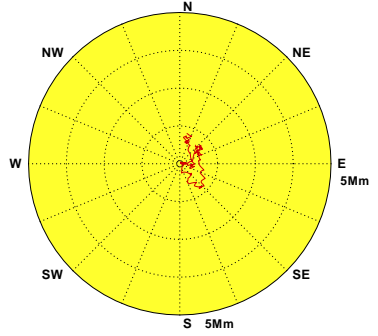
Wind of TPX0 at 2018/03 NO=744(100%)
 MEAN=6.3m/s MAX=17.5m/s(NNE)
 N-E:50% E-S:28% S-W:9% W-N:13% Calm:0%



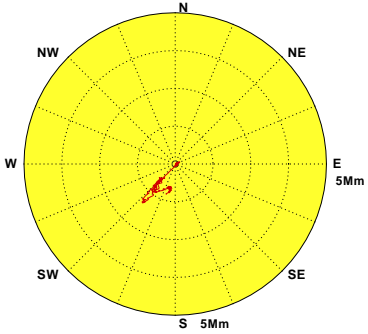
Wind of K LW0 at 2018/03 NO=744(100%)
 MEAN=3.8m/s MAX=12.1m/s(NW)
 N-E:33% E-S:29% S-W:16% W-N:22% Calm:0%



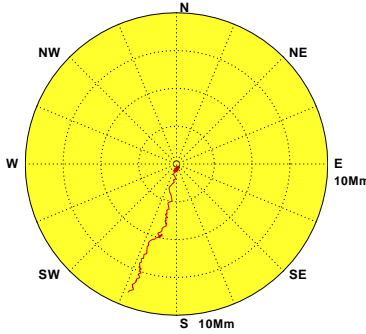
Wind of SAW0 at 2018/03 NO=744(100%)
 MEAN=3.8m/s MAX=13.6m/s(E)
 N-E:20% E-S:24% S-W:42% W-N:14% Calm:0%



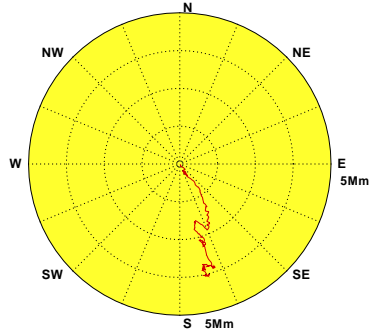
Wind of HLW0 at 2018/03 NO=744(100%)
 MEAN=3.3m/s MAX=11.3m/s(NE)
 N-E:30% E-S:12% S-W:32% W-N:26% Calm:0%



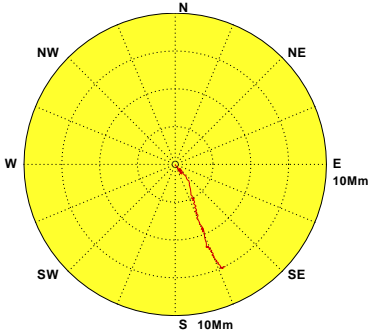
Wind of LTY0 at 2018/03 NO=744(100%)
 MEAN=5.3m/s MAX=17.3m/s(ESE)
 N-E:44% E-S:8% S-W:7% W-N:41% Calm:0%



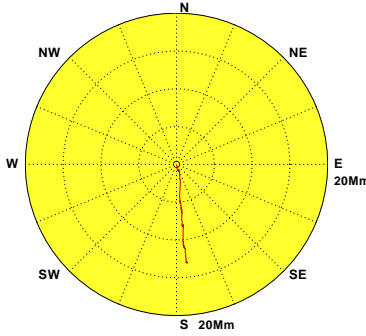
Wind of PNY0 at 2018/03 NO=744(100%)
 MEAN=3.5m/s MAX=11.5m/s(SE)
 N-E:29% E-S:17% S-W:7% W-N:47% Calm:0%



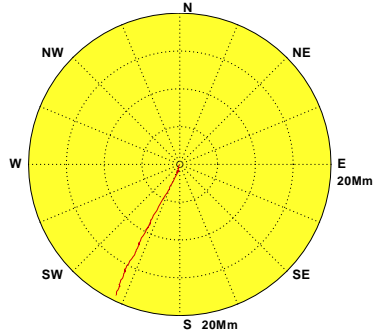
Wind of KHW0 at 2018/03 NO=744(100%)
 MEAN=4.3m/s MAX=12.6m/s(NNW)
 N-E:29% E-S:6% S-W:7% W-N:55% Calm:3%



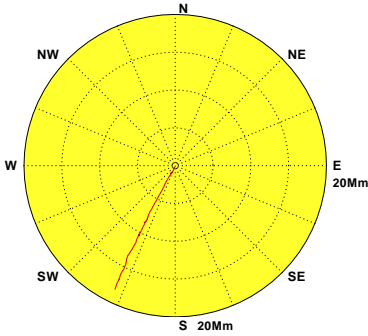
Wind of CNX0 at 2018/03 NO=744(100%)
 MEAN=6.1m/s MAX=22.2m/s(N)
 N-E:49% E-S:6% S-W:10% W-N:35% Calm:0%



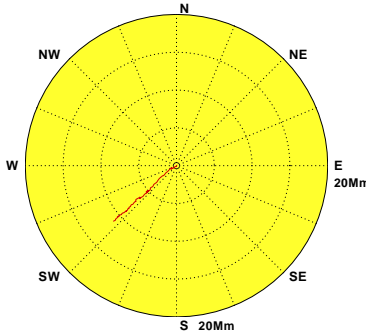
Wind of TCW0 at 2018/03 NO=744(100%)
 MEAN=8.3m/s MAX=24.5m/s(NNE)
 N-E:71% E-S:8% S-W:9% W-N:10% Calm:2%



Wind of PHY0 at 2018/03 NO=744(100%)
 MEAN=7.3m/s MAX=16.4m/s(NNE)
 N-E:84% E-S:3% S-W:4% W-N:8% Calm:1%



Wind of KMY0 at 2018/03 NO=744(100%)
 MEAN=4.9m/s MAX=15.1m/s(NE)
 N-E:74% E-S:9% S-W:6% W-N:11% Calm:0%



Wind of MSY0 at 2018/03 NO=744(100%)
 MEAN=6.2m/s MAX=14.5m/s(NE)
 N-E:75% E-S:9% S-W:10% W-N:6% Calm:0%

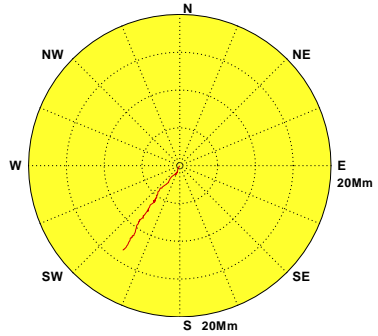


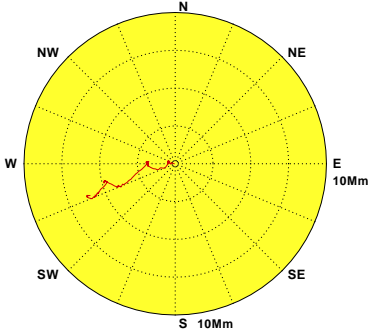
圖5.4b 2018年3月12海域主要測站1修補後觀測風向量行進圖

W183TPX0.1HA W183KLW0.1HA W183SAW0.1HA W183HLW0.1HA W183LTY0.1HA W183PNY0.1HA
 W183KHW0.1HA W183CNX0.1HA W183TCW0.1HA W183PHY0.1HA W183KMY0.1HA W183MSY0.1HA

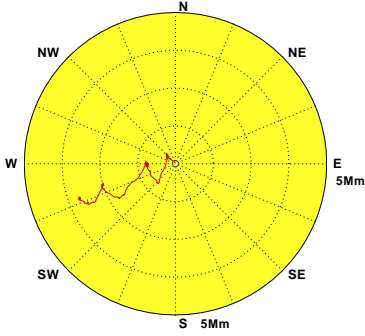
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Progressive Vector Diagram of Wind

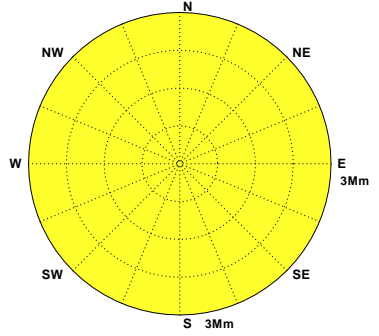
Wind of TPX0 at 2018/04 NO=682(95%)
MEAN=4.8m/s MAX=16.9m/s(NNE)
N-E:35% E-S:37% S-W:14% W-N:13% Calm:1%



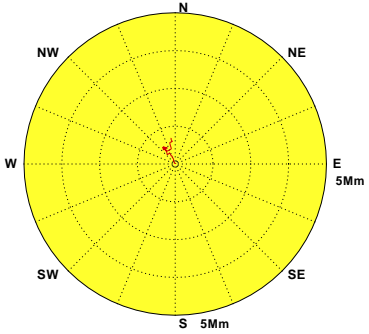
Wind of K LW0 at 2018/04 NO=720(100%)
MEAN=3.1m/s MAX=11.5m/s(NNE)
N-E:33% E-S:34% S-W:20% W-N:12% Calm:1%



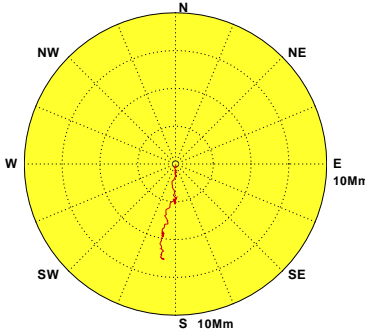
Wind of SAW0 at 2018/04



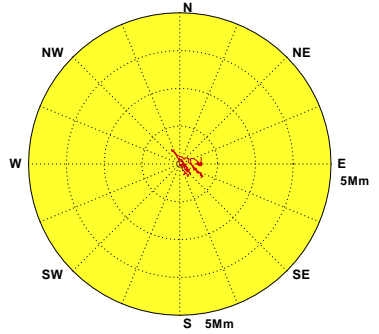
Wind of HLW0 at 2018/04 NO=191(27%)
MEAN=3.0m/s MAX=9.6m/s(SSE)
N-E:14% E-S:40% S-W:28% W-N:18% Calm:0%



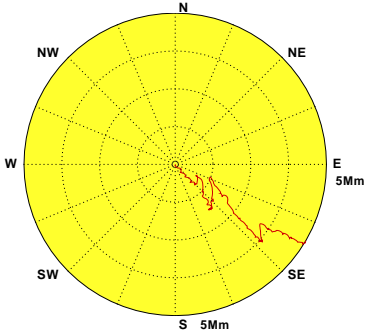
Wind of LTY0 at 2018/04 NO=720(100%)
MEAN=4.5m/s MAX=16.4m/s(ENE)
N-E:32% E-S:13% S-W:6% W-N:49% Calm:0%



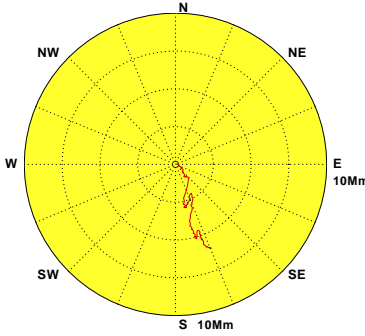
Wind of PNY0 at 2018/04 NO=656(91%)
MEAN=3.4m/s MAX=8.1m/s(SE)
N-E:17% E-S:29% S-W:16% W-N:38% Calm:0%



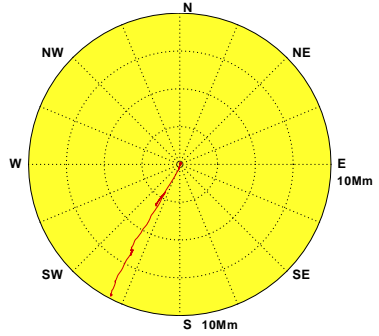
Wind of KHW0 at 2018/04 NO=719(100%)
MEAN=4.2m/s MAX=12.1m/s(S)
N-E:17% E-S:10% S-W:19% W-N:52% Calm:2%



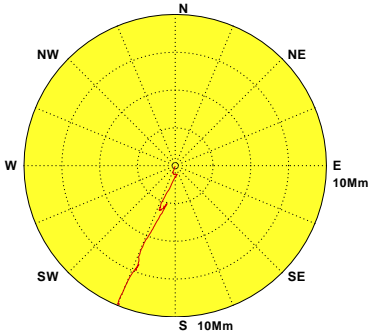
Wind of CNX0 at 2018/04 NO=682(95%)
MEAN=4.6m/s MAX=19.4m/s(N)
N-E:35% E-S:5% S-W:17% W-N:43% Calm:0%



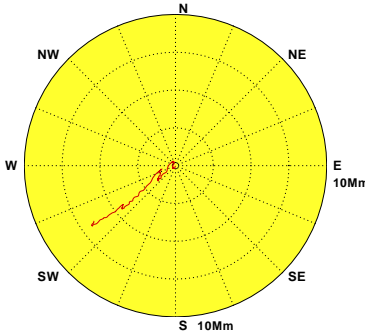
Wind of TCW0 at 2018/04 NO=720(100%)
MEAN=6.0m/s MAX=26.6m/s(NNE)
N-E:47% E-S:8% S-W:25% W-N:17% Calm:3%



Wind of PHY0 at 2018/04 NO=710(99%)
MEAN=5.2m/s MAX=17.2m/s(NNE)
N-E:58% E-S:7% S-W:17% W-N:17% Calm:1%



Wind of KMY0 at 2018/04 NO=710(99%)
MEAN=4.5m/s MAX=15.7m/s(NE)
N-E:53% E-S:14% S-W:25% W-N:7% Calm:1%



Wind of MSY0 at 2018/04 NO=280(39%)
MEAN=4.6m/s MAX=9.4m/s(ENE)
N-E:58% E-S:10% S-W:16% W-N:16% Calm:0%

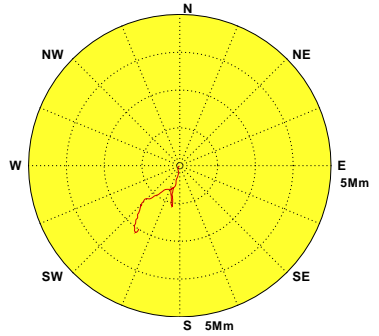


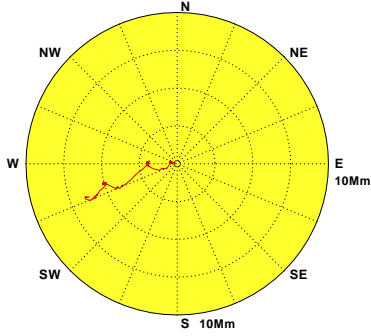
圖5.5a 2018年4月12海域主要測站1修補前觀測風向量行進圖

W184TPX0.1H0 W184KLW0.1H0 W184SAW0.1H0 W184HLW0.1H0 W184LTY0.1H0 W184PNY0.1H0
W184KHW0.1H0 W184CNX0.1H0 W184TCW0.1H0 W184PHY0.1H0 W184KMY0.1H0 W184MSY0.1H0

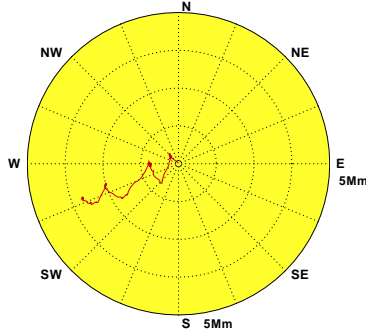
Institute of Harbor & Marine Technology

Progressive Vector Diagram of Wind

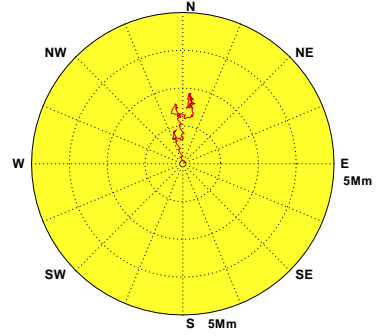
Wind of TPX0 at 2018/04 NO=720(100%)
 MEAN=4.8m/s MAX=16.9m/s(NNE)
 N-E:34% E-S:38% S-W:14% W-N:13% Calm:1%



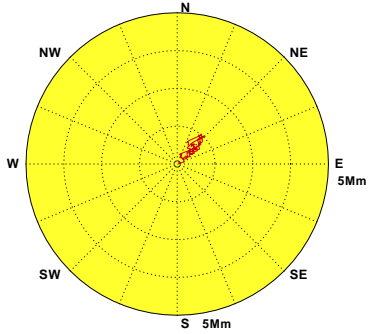
Wind of KLW0 at 2018/04 NO=720(100%)
 MEAN=3.1m/s MAX=11.5m/s(NNE)
 N-E:33% E-S:34% S-W:20% W-N:12% Calm:1%



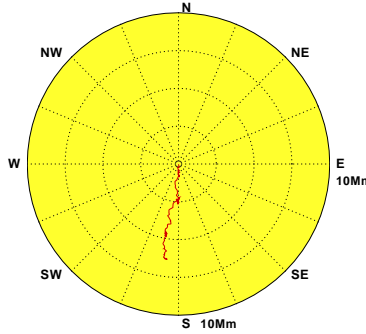
Wind of SAW0 at 2018/04 NO=720(100%)
 MEAN=3.3m/s MAX=11.6m/s(NE)
 N-E:14% E-S:24% S-W:45% W-N:17% Calm:0%



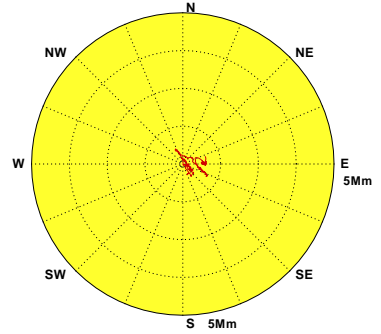
Wind of HLW0 at 2018/04 NO=720(100%)
 MEAN=3.2m/s MAX=13.2m/s(ENE)
 N-E:23% E-S:18% S-W:32% W-N:27% Calm:0%



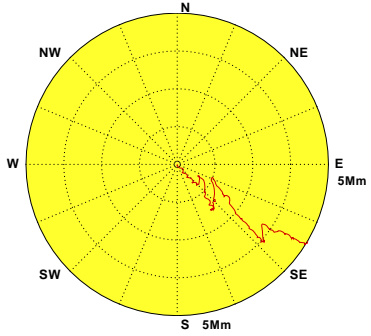
Wind of LTY0 at 2018/04 NO=720(100%)
 MEAN=4.5m/s MAX=16.4m/s(ENE)
 N-E:32% E-S:13% S-W:6% W-N:49% Calm:0%



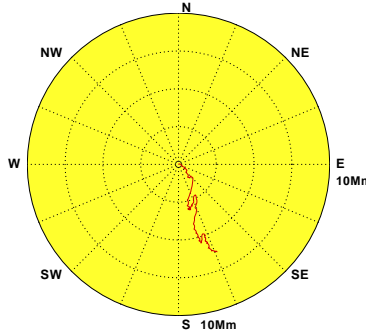
Wind of PNY0 at 2018/04 NO=720(100%)
 MEAN=3.2m/s MAX=8.1m/s(SE)
 N-E:17% E-S:28% S-W:17% W-N:38% Calm:0%



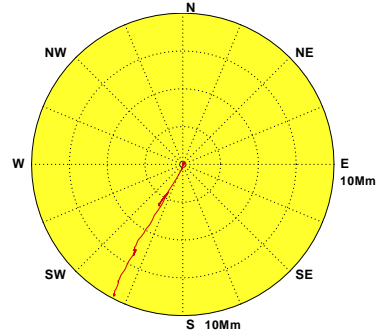
Wind of KHW0 at 2018/04 NO=720(100%)
 MEAN=4.2m/s MAX=12.1m/s(S)
 N-E:17% E-S:10% S-W:19% W-N:52% Calm:2%



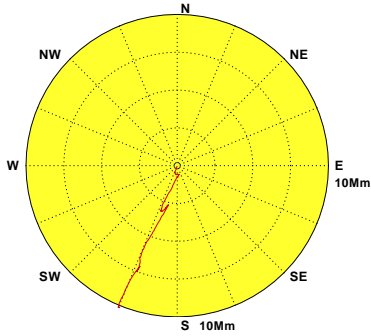
Wind of CNX0 at 2018/04 NO=720(100%)
 MEAN=4.6m/s MAX=19.4m/s(N)
 N-E:35% E-S:5% S-W:17% W-N:43% Calm:0%



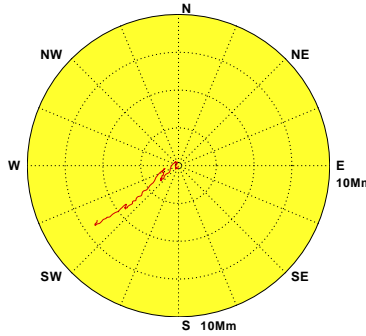
Wind of TCW0 at 2018/04 NO=720(100%)
 MEAN=6.0m/s MAX=26.6m/s(NNE)
 N-E:47% E-S:8% S-W:25% W-N:17% Calm:3%



Wind of PHY0 at 2018/04 NO=720(100%)
 MEAN=5.2m/s MAX=17.2m/s(NNE)
 N-E:59% E-S:7% S-W:17% W-N:16% Calm:1%



Wind of KMY0 at 2018/04 NO=720(100%)
 MEAN=4.4m/s MAX=15.7m/s(NE)
 N-E:53% E-S:14% S-W:25% W-N:7% Calm:1%



Wind of MSY0 at 2018/04 NO=720(100%)
 MEAN=4.8m/s MAX=14.9m/s(NE)
 N-E:61% E-S:16% S-W:14% W-N:9% Calm:0%

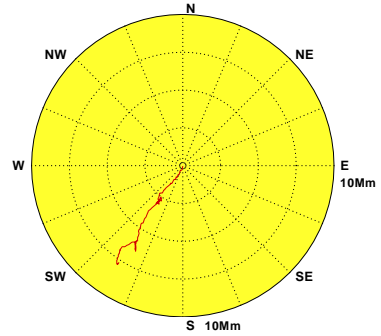


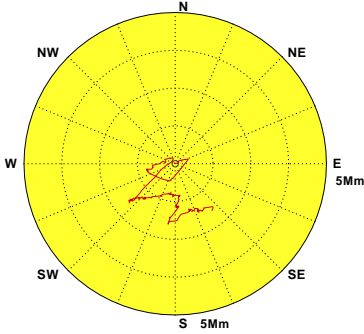
圖5.5b 2018年4月12海域主要測站1修補後觀測風向量行進圖

W184TPX0.1HA W184KLW0.1HA W184SAW0.1HA W184HLW0.1HA W184LTY0.1HA W184PNY0.1HA
 W184KHW0.1HA W184CNX0.1HA W184TCW0.1HA W184PHY0.1HA W184KMY0.1HA W184MSY0.1HA

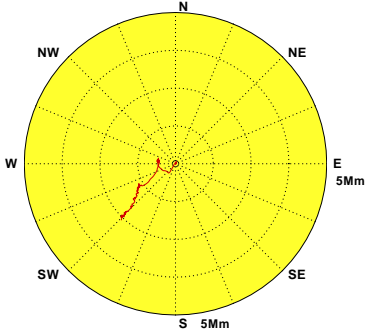
Institute of Harbor & Marine Technology

Progressive Vector Diagram of Wind

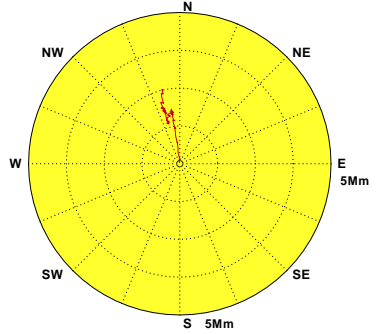
Wind of TPX0 at 2018/05 NO=734(99%)
 MEAN=4.7m/s MAX=15.1m/s(ESE)
 N-E:28% E-S:18% S-W:33% W-N:20% Calm:1%



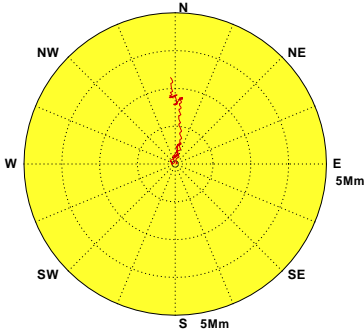
Wind of K LW0 at 2018/05 NO=744(100%)
 MEAN=2.5m/s MAX=10.5m/s(N)
 N-E:40% E-S:19% S-W:20% W-N:20% Calm:1%



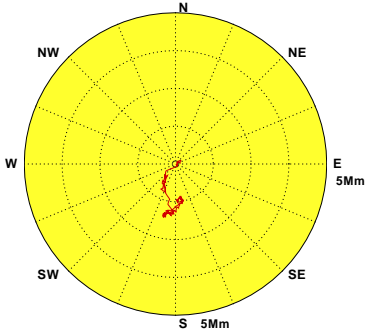
Wind of SAW0 at 2018/05 NO=392(53%)
 MEAN=4.0m/s MAX=12.1m/s(SSE)
 N-E:13% E-S:45% S-W:7% W-N:35% Calm:0%



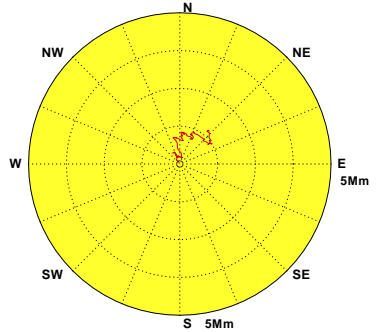
Wind of HLW0 at 2018/05 NO=744(100%)
 MEAN=3.0m/s MAX=8.9m/s(SSE)
 N-E:17% E-S:33% S-W:37% W-N:13% Calm:0%



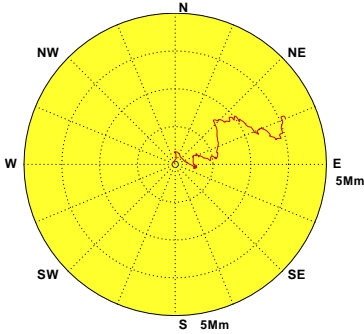
Wind of LTY0 at 2018/05 NO=740(99%)
 MEAN=3.5m/s MAX=14.3m/s(ENE)
 N-E:26% E-S:17% S-W:18% W-N:38% Calm:1%



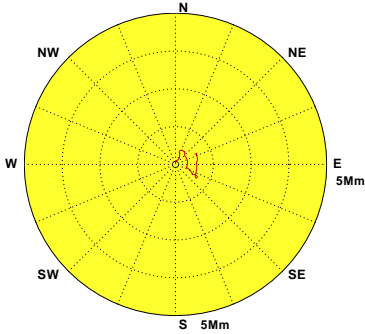
Wind of PNY0 at 2018/05 NO=429(58%)
 MEAN=3.4m/s MAX=8.5m/s(WNW)
 N-E:9% E-S:35% S-W:20% W-N:36% Calm:0%



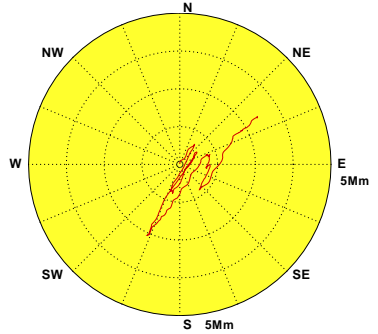
Wind of KHW0 at 2018/05 NO=668(90%)
 MEAN=3.8m/s MAX=9.8m/s(NW)
 N-E:6% E-S:21% S-W:32% W-N:39% Calm:2%



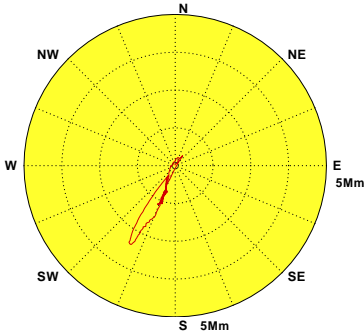
Wind of CNX0 at 2018/05 NO=174(23%)
 MEAN=4.5m/s MAX=10.1m/s(S)
 N-E:16% E-S:21% S-W:33% W-N:30% Calm:0%



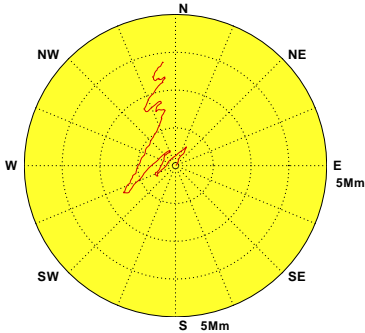
Wind of TCW0 at 2018/05 NO=744(100%)
 MEAN=6.1m/s MAX=19.3m/s(NNE)
 N-E:26% E-S:2% S-W:62% W-N:8% Calm:2%



Wind of PHY0 at 2018/05 NO=738(99%)
 MEAN=4.2m/s MAX=14.1m/s(NNE)
 N-E:26% E-S:9% S-W:58% W-N:6% Calm:1%



Wind of KMY0 at 2018/05 NO=740(99%)
 MEAN=4.7m/s MAX=12.4m/s(NE)
 N-E:26% E-S:13% S-W:59% W-N:2% Calm:0%



Wind of MSY0 at 2018/05 NO=462(62%)
 MEAN=5.7m/s MAX=13.9m/s(NE)
 N-E:42% E-S:5% S-W:47% W-N:6% Calm:0%

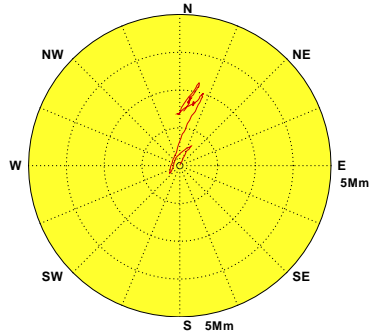


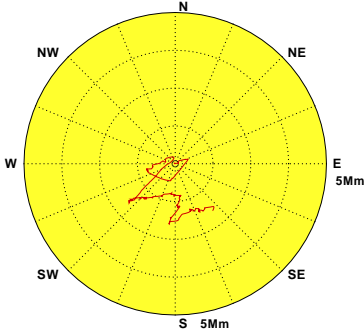
圖5.6a 2018年5月12海域主要測站1修補前觀測風向量行進圖

W185TPX0.1H0 W185KLW0.1H0 W185SAW0.1H0 W185HLW0.1H0 W185LTY0.1H0 W185PNY0.1H0
 W185KHW0.1H0 W185CNX0.1H0 W185TCW0.1H0 W185PHY0.1H0 W185KMY0.1H0 W185MSY0.1H0

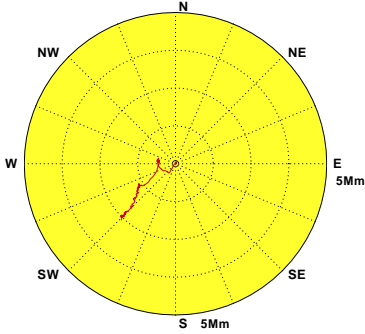
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Progressive Vector Diagram of Wind

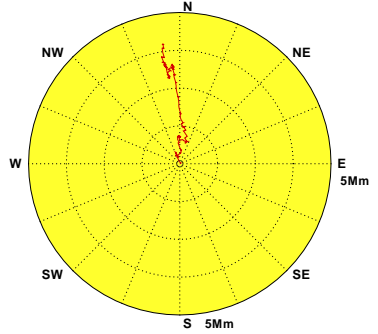
Wind of TPX0 at 2018/05 NO=744(100%)
 MEAN=4.7m/s MAX=15.1m/s(ESE)
 N-E:28% E-S:18% S-W:33% W-N:20% Calm:1%



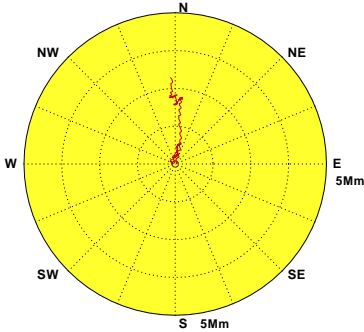
Wind of KLOW at 2018/05 NO=744(100%)
 MEAN=2.5m/s MAX=10.5m/s(N)
 N-E:40% E-S:19% S-W:20% W-N:20% Calm:1%



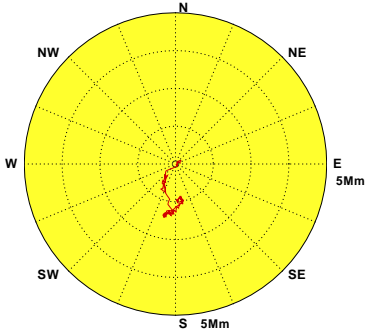
Wind of SAW0 at 2018/05 NO=744(100%)
 MEAN=3.5m/s MAX=12.1m/s(SSE)
 N-E:11% E-S:37% S-W:24% W-N:28% Calm:0%



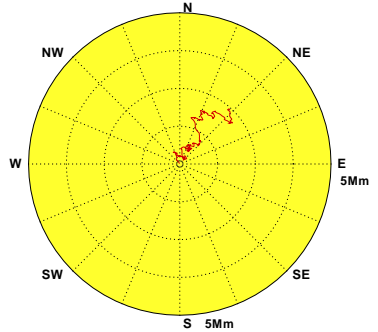
Wind of HLW0 at 2018/05 NO=744(100%)
 MEAN=3.0m/s MAX=8.9m/s(SSE)
 N-E:17% E-S:33% S-W:37% W-N:13% Calm:0%



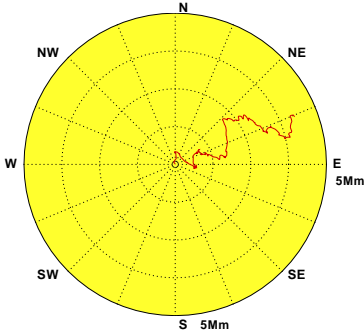
Wind of LTY0 at 2018/05 NO=744(100%)
 MEAN=3.5m/s MAX=14.3m/s(ENE)
 N-E:26% E-S:17% S-W:18% W-N:38% Calm:1%



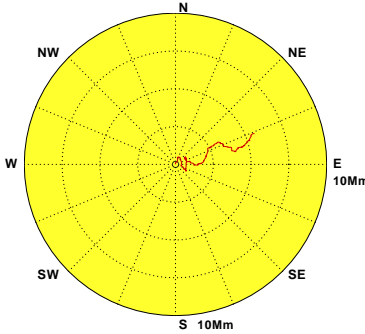
Wind of PNY0 at 2018/05 NO=744(100%)
 MEAN=3.4m/s MAX=13.9m/s(NNE)
 N-E:15% E-S:28% S-W:27% W-N:30% Calm:0%



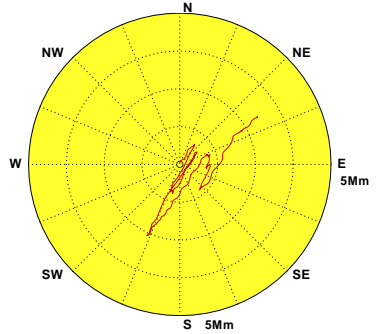
Wind of KHW0 at 2018/05 NO=744(100%)
 MEAN=3.7m/s MAX=9.8m/s(NW)
 N-E:7% E-S:20% S-W:33% W-N:38% Calm:2%



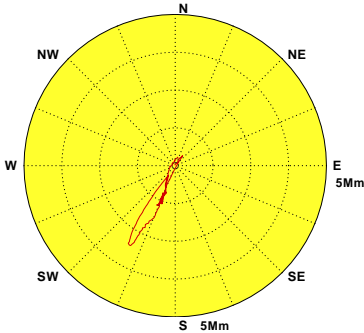
Wind of CNX0 at 2018/05 NO=744(100%)
 MEAN=4.0m/s MAX=10.6m/s(SSW)
 N-E:10% E-S:14% S-W:46% W-N:29% Calm:1%



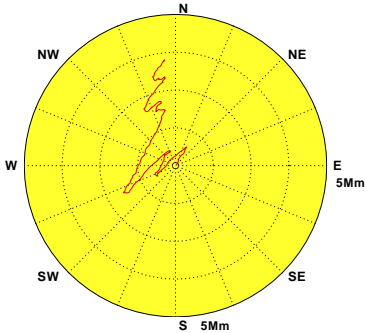
Wind of TCW0 at 2018/05 NO=744(100%)
 MEAN=6.1m/s MAX=19.3m/s(NNE)
 N-E:26% E-S:2% S-W:62% W-N:8% Calm:2%



Wind of PHY0 at 2018/05 NO=744(100%)
 MEAN=4.2m/s MAX=14.1m/s(NNE)
 N-E:26% E-S:10% S-W:57% W-N:6% Calm:1%



Wind of KMY0 at 2018/05 NO=744(100%)
 MEAN=4.7m/s MAX=12.4m/s(NE)
 N-E:26% E-S:13% S-W:59% W-N:2% Calm:0%



Wind of MSY0 at 2018/05 NO=744(100%)
 MEAN=5.5m/s MAX=13.9m/s(NE)
 N-E:42% E-S:7% S-W:46% W-N:5% Calm:0%

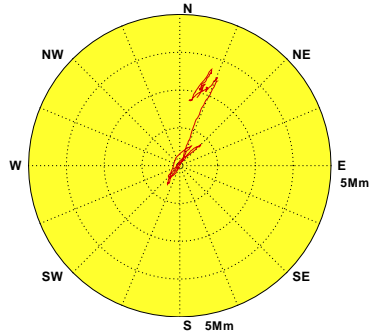


圖5.6b 2018年5月12海域主要測站1修補後觀測風向量行進圖

W185TPX0.1HA W185KLOW.1HA W185SAW0.1HA W185HLW0.1HA W185LTY0.1HA W185PNY0.1HA
 W185KHW0.1HA W185CNX0.1HA W185TCW0.1HA W185PHY0.1HA W185KMY0.1HA W185MSY0.1HA

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Progressive Vector Diagram of Wind

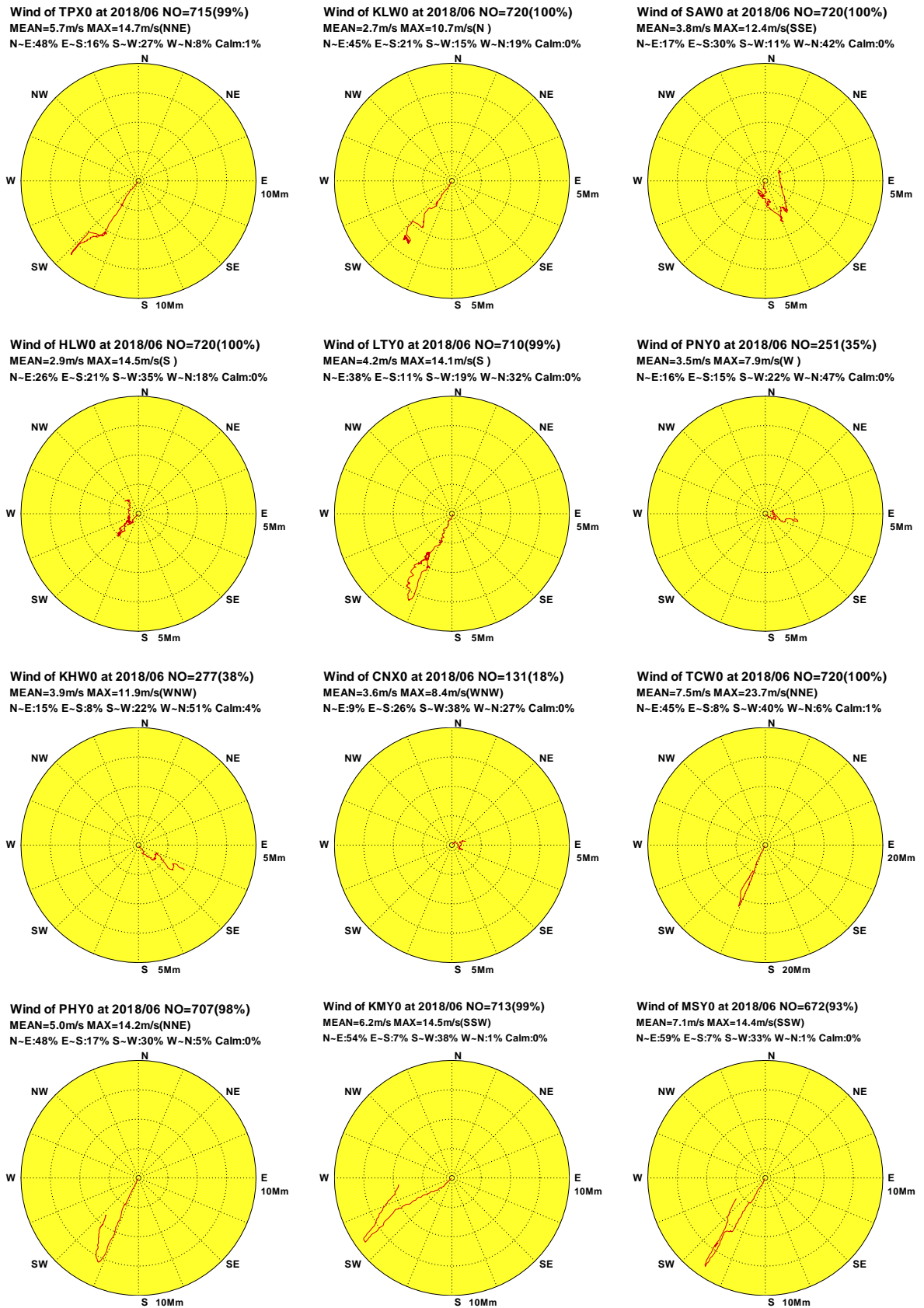


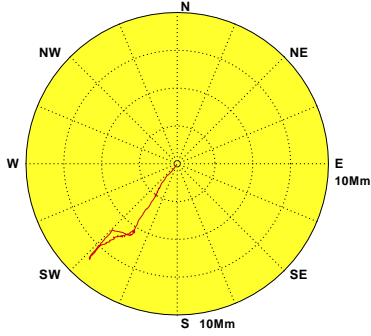
圖5.7a 2018年6月12海域主要測站1修補前觀測風向量行進圖

W186TPX0.1H0 W186KLW0.1H0 W186SAW0.1H0 W186HLW0.1H0 W186LTY0.1H0 W186PNY0.1H0
W186KHW0.1H0 W186CNX0.1H0 W186TCW0.1H0 W186PHY0.1H0 W186KMY0.1H0 W186MSY0.1H0

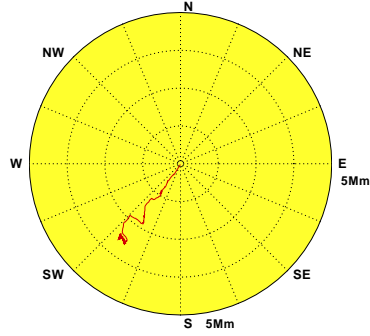
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Progressive Vector Diagram of Wind

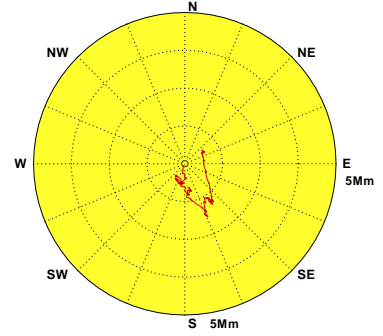
Wind of TPX0 at 2018/06 NO=720(100%)
 MEAN=5.7m/s MAX=14.7m/s(NNE)
 N-E:48% E-S:16% S-W:27% W-N:8% Calm:1%



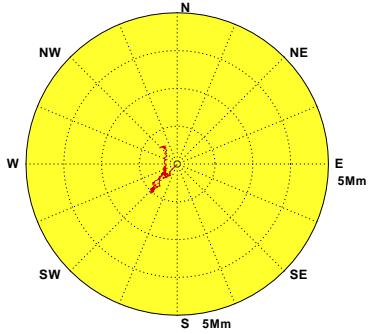
Wind of K LW0 at 2018/06 NO=720(100%)
 MEAN=2.7m/s MAX=10.7m/s(N)
 N-E:45% E-S:21% S-W:15% W-N:19% Calm:0%



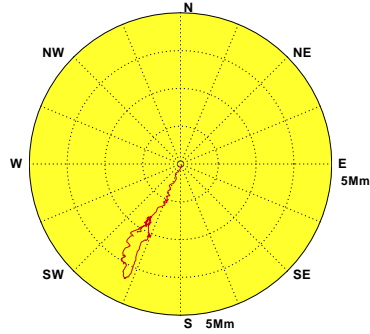
Wind of SAW0 at 2018/06 NO=720(100%)
 MEAN=3.8m/s MAX=12.4m/s(SSE)
 N-E:17% E-S:30% S-W:11% W-N:42% Calm:0%



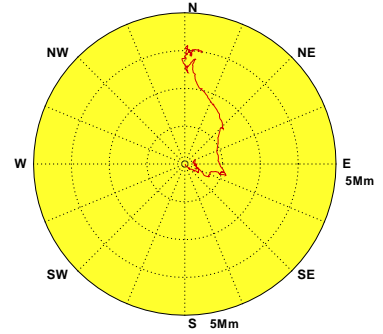
Wind of HLW0 at 2018/06 NO=720(100%)
 MEAN=2.9m/s MAX=14.5m/s(S)
 N-E:26% E-S:21% S-W:35% W-N:18% Calm:0%



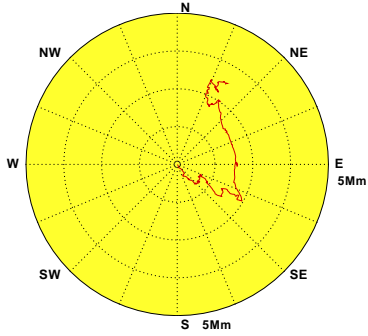
Wind of LTY0 at 2018/06 NO=720(100%)
 MEAN=4.2m/s MAX=14.1m/s(S)
 N-E:39% E-S:11% S-W:18% W-N:32% Calm:0%



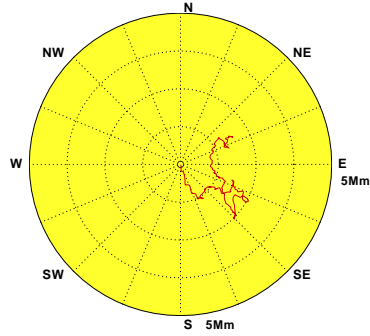
Wind of PNY0 at 2018/06 NO=720(100%)
 MEAN=4.5m/s MAX=22.5m/s(SSE)
 N-E:20% E-S:29% S-W:25% W-N:26% Calm:0%



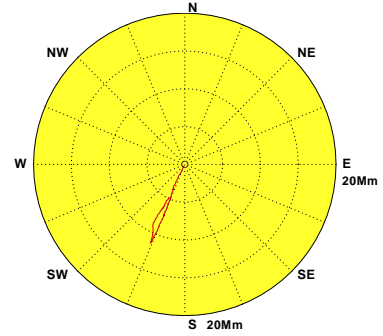
Wind of KHW0 at 2018/06 NO=720(100%)
 MEAN=4.5m/s MAX=20.7m/s(SSW)
 N-E:17% E-S:26% S-W:25% W-N:31% Calm:1%



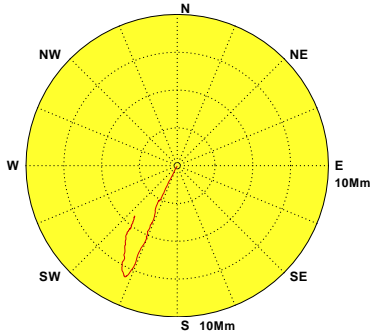
Wind of CNX0 at 2018/06 NO=720(100%)
 MEAN=4.5m/s MAX=16.1m/s(NNE)
 N-E:10% E-S:32% S-W:33% W-N:25% Calm:0%



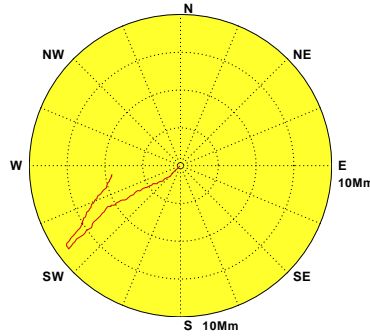
Wind of TCW0 at 2018/06 NO=720(100%)
 MEAN=7.5m/s MAX=23.7m/s(NNE)
 N-E:45% E-S:8% S-W:40% W-N:6% Calm:1%



Wind of PHY0 at 2018/06 NO=720(100%)
 MEAN=5.0m/s MAX=14.2m/s(NNE)
 N-E:49% E-S:17% S-W:29% W-N:5% Calm:0%



Wind of KMY0 at 2018/06 NO=720(100%)
 MEAN=6.2m/s MAX=14.5m/s(SSW)
 N-E:54% E-S:7% S-W:38% W-N:1% Calm:0%



Wind of MSY0 at 2018/06 NO=720(100%)
 MEAN=6.9m/s MAX=14.4m/s(SSW)
 N-E:58% E-S:8% S-W:32% W-N:2% Calm:0%

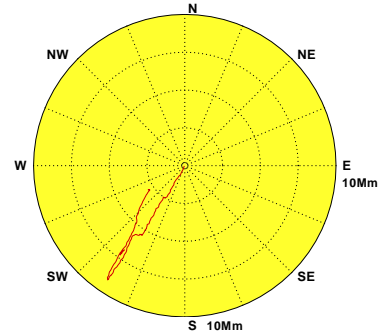


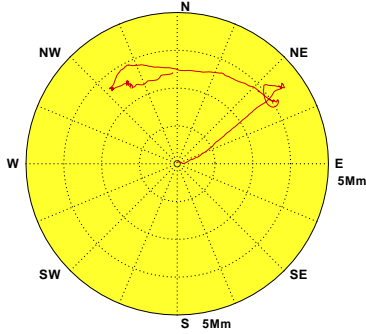
圖5.7b 2018年6月12海域主要測站1修補後觀測風向量行進圖

W186TPX0.1HA W186KLW0.1HA W186SAW0.1HA W186HLW0.1HA W186LTY0.1HA W186PNY0.1HA
 W186KHW0.1HA W186CNX0.1HA W186TCW0.1HA W186PHY0.1HA W186KMY0.1HA W186MSY0.1HA

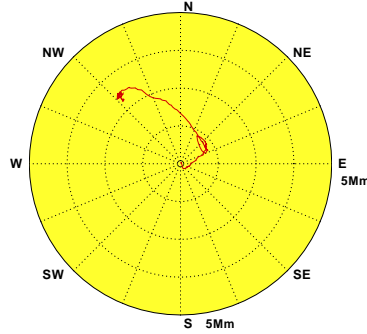
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Progressive Vector Diagram of Wind

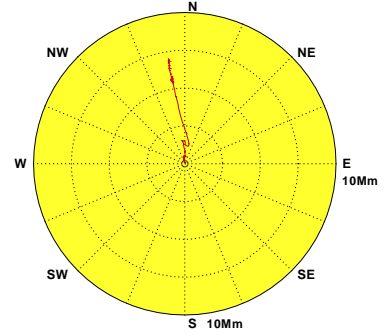
Wind of TPX0 at 2018/07 NO=734(99%)
MEAN=6.4m/s MAX=22.3m/s(WSW)
N-E:19% E-S:32% S-W:37% W-N:12% Calm:0%



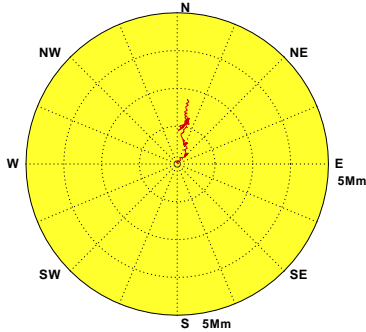
Wind of K LW0 at 2018/07 NO=744(100%)
MEAN=3.5m/s MAX=14.9m/s(NNW)
N-E:18% E-S:37% S-W:32% W-N:13% Calm:0%



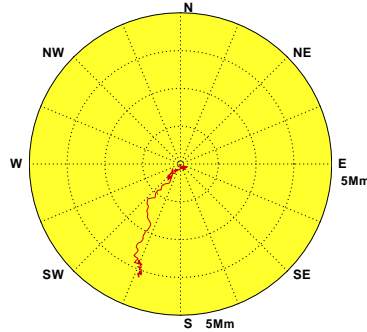
Wind of SAW0 at 2018/07 NO=744(100%)
MEAN=4.4m/s MAX=15.0m/s(SSE)
N-E:7% E-S:53% S-W:11% W-N:29% Calm:0%



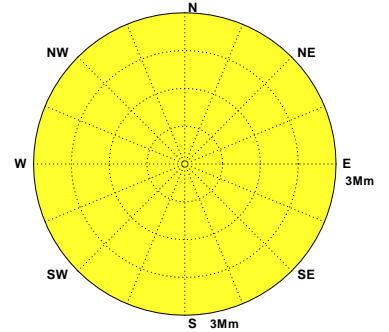
Wind of HLW0 at 2018/07 NO=744(100%)
MEAN=2.6m/s MAX=11.6m/s(S)
N-E:15% E-S:30% S-W:42% W-N:13% Calm:0%



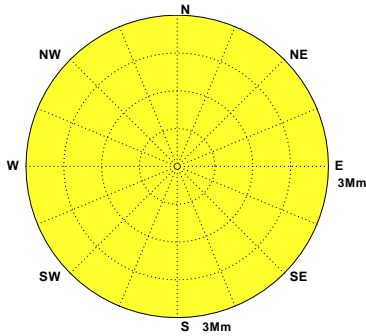
Wind of LTY0 at 2018/07 NO=716(96%)
MEAN=3.5m/s MAX=12.2m/s(SSW)
N-E:40% E-S:12% S-W:15% W-N:32% Calm:1%



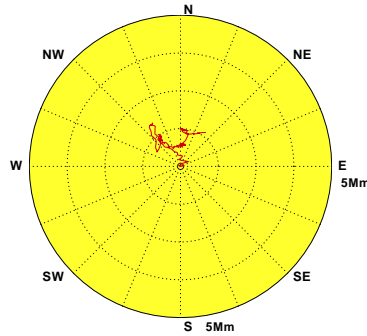
Wind of PNY0 at 2018/07



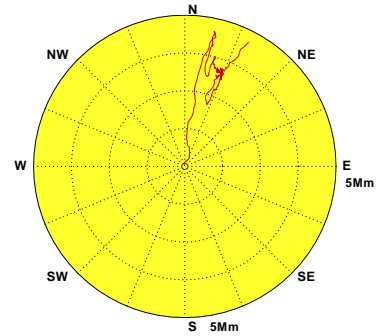
Wind of KHW0 at 2018/07



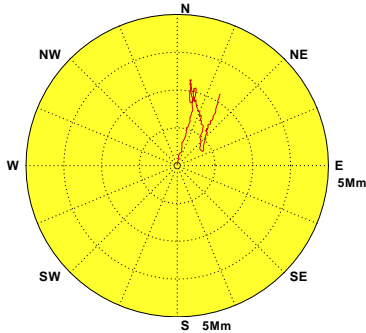
Wind of CNX0 at 2018/07 NO=729(98%)
MEAN=4.2m/s MAX=15.3m/s(WSW)
N-E:12% E-S:36% S-W:26% W-N:26% Calm:0%



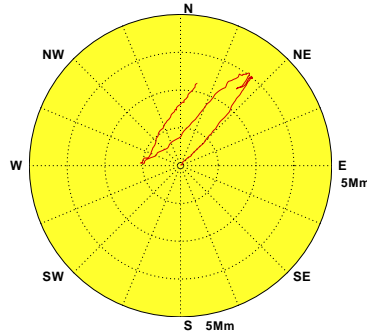
Wind of TCW0 at 2018/07 NO=744(100%)
MEAN=5.3m/s MAX=19.8m/s(NNE)
N-E:17% E-S:18% S-W:45% W-N:18% Calm:2%



Wind of PHY0 at 2018/07 NO=744(100%)
MEAN=3.5m/s MAX=11.6m/s(WSW)
N-E:18% E-S:18% S-W:43% W-N:20% Calm:1%



Wind of KMY0 at 2018/07 NO=724(97%)
MEAN=5.3m/s MAX=12.4m/s(NE)
N-E:33% E-S:7% S-W:54% W-N:6% Calm:0%



Wind of MSY0 at 2018/07 NO=688(92%)
MEAN=6.1m/s MAX=24.6m/s(S)
N-E:36% E-S:14% S-W:46% W-N:4% Calm:0%

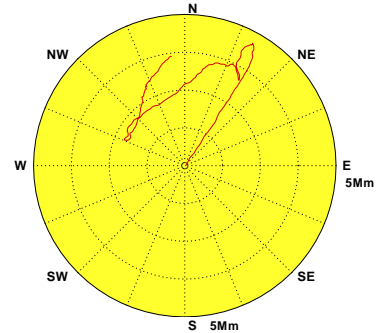


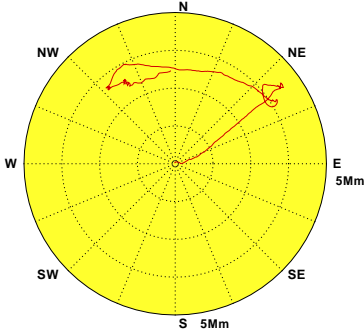
圖5.8a 2018年7月12海域主要測站1修補前觀測風向量行進圖

W187TPX0.1H0 W187KLW0.1H0 W187SAW0.1H0 W187HLW0.1H0 W187LTY0.1H0 W187PNY0.1H0
W187KHW0.1H0 W187CNX0.1H0 W187TCW0.1H0 W187PHY0.1H0 W187KMY0.1H0 W187MSY0.1H0

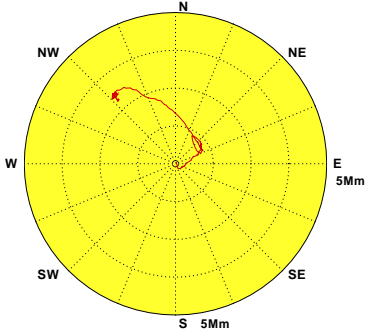
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Progressive Vector Diagram of Wind

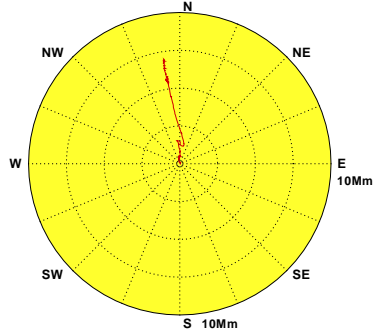
Wind of TPX0 at 2018/07 NO=744(100%)
 MEAN=6.4m/s MAX=22.3m/s(WSW)
 N-E:19% E-S:32% S-W:37% W-N:12% Calm:0%



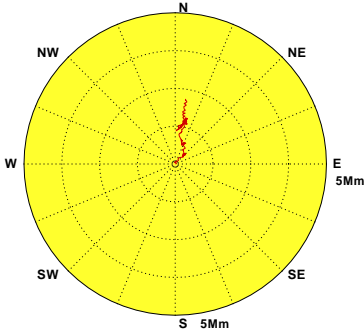
Wind of KLOW at 2018/07 NO=744(100%)
 MEAN=3.5m/s MAX=14.9m/s(NNW)
 N-E:18% E-S:37% S-W:32% W-N:13% Calm:0%



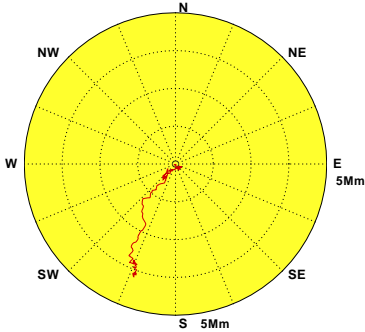
Wind of SAW0 at 2018/07 NO=744(100%)
 MEAN=4.4m/s MAX=15.0m/s(SSE)
 N-E:7% E-S:53% S-W:11% W-N:29% Calm:0%



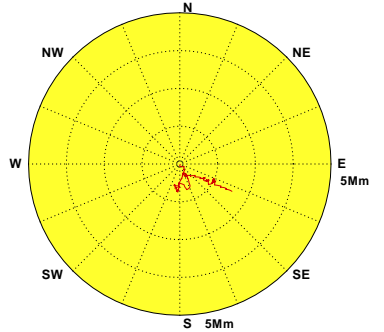
Wind of HLW0 at 2018/07 NO=744(100%)
 MEAN=2.6m/s MAX=11.6m/s(S)
 N-E:15% E-S:30% S-W:42% W-N:13% Calm:0%



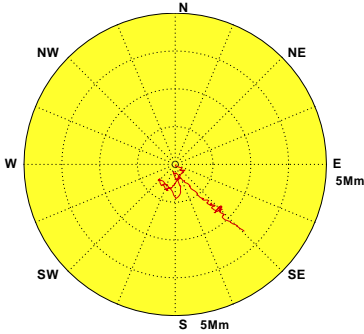
Wind of LTY0 at 2018/07 NO=744(100%)
 MEAN=3.5m/s MAX=12.2m/s(SSW)
 N-E:39% E-S:13% S-W:15% W-N:32% Calm:1%



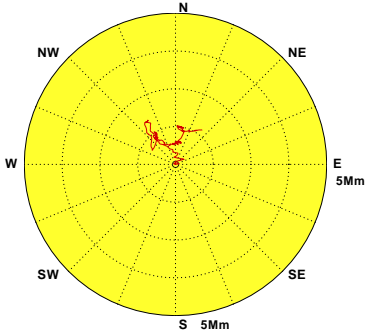
Wind of PNY0 at 2018/07 NO=744(100%)
 MEAN=2.8m/s MAX=8.8m/s(SSE)
 N-E:39% E-S:15% S-W:22% W-N:24% Calm:0%



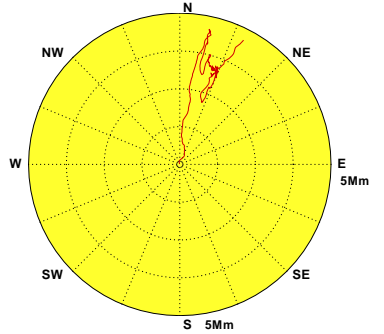
Wind of KHW0 at 2018/07 NO=744(100%)
 MEAN=3.9m/s MAX=14.8m/s(SSE)
 N-E:33% E-S:13% S-W:16% W-N:37% Calm:1%



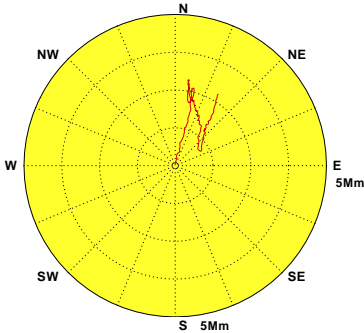
Wind of CNX0 at 2018/07 NO=744(100%)
 MEAN=4.2m/s MAX=15.3m/s(WSW)
 N-E:13% E-S:35% S-W:26% W-N:26% Calm:0%



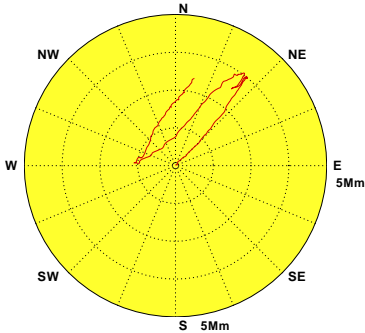
Wind of TCW0 at 2018/07 NO=744(100%)
 MEAN=5.3m/s MAX=19.8m/s(NNE)
 N-E:17% E-S:18% S-W:45% W-N:18% Calm:2%



Wind of PHY0 at 2018/07 NO=744(100%)
 MEAN=3.5m/s MAX=11.6m/s(WSW)
 N-E:18% E-S:18% S-W:43% W-N:20% Calm:1%



Wind of KMY0 at 2018/07 NO=744(100%)
 MEAN=5.3m/s MAX=12.4m/s(NE)
 N-E:32% E-S:7% S-W:55% W-N:6% Calm:0%



Wind of MSY0 at 2018/07 NO=744(100%)
 MEAN=5.9m/s MAX=24.6m/s(S)
 N-E:33% E-S:15% S-W:48% W-N:4% Calm:0%

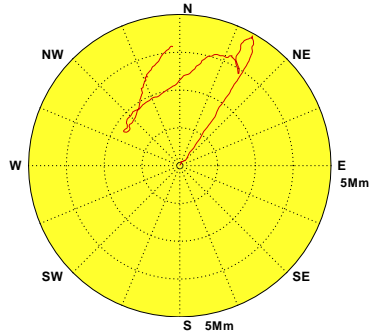


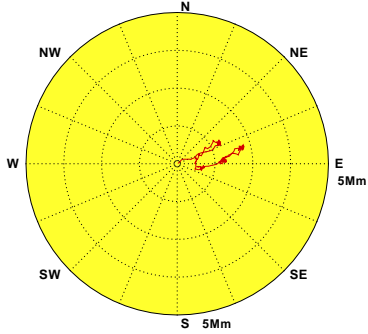
圖5.8b 2018年7月12海域主要測站1修補後觀測風向量行進圖

W187TPX0.1HA W187KLOW.1HA W187SAW0.1HA W187HLW0.1HA W187LTY0.1HA W187PNY0.1HA
 W187KHW0.1HA W187CNX0.1HA W187TCW0.1HA W187PHY0.1HA W187KMY0.1HA W187MSY0.1HA

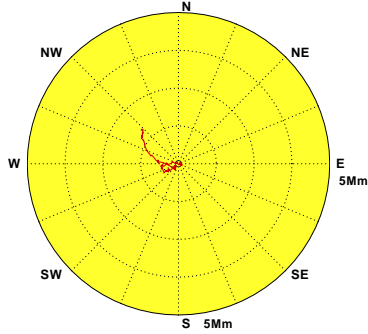
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Progressive Vector Diagram of Wind

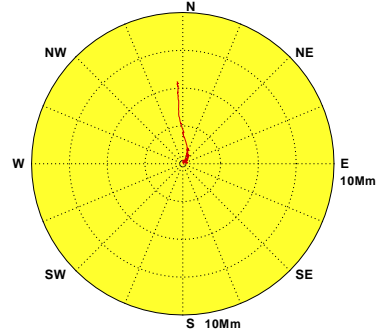
Wind of TPX0 at 2018/08 NO=741(100%)
MEAN=4.2m/s MAX=12.4m/s(WSW)
N-E:21% E-S:26% S-W:36% W-N:16% Calm:1%



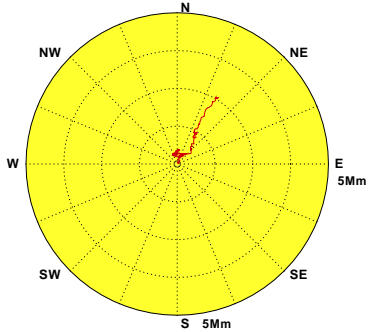
Wind of KLW0 at 2018/08 NO=744(100%)
MEAN=2.6m/s MAX=8.1m/s(SSE)
N-E:23% E-S:27% S-W:36% W-N:14% Calm:0%



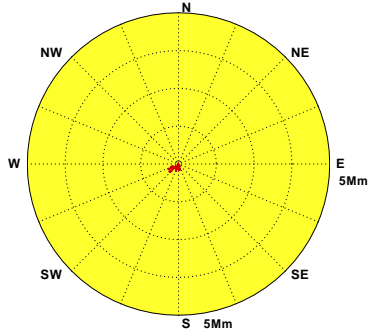
Wind of SAW0 at 2018/08 NO=744(100%)
MEAN=4.2m/s MAX=13.5m/s(S)
N-E:10% E-S:43% S-W:11% W-N:36% Calm:0%



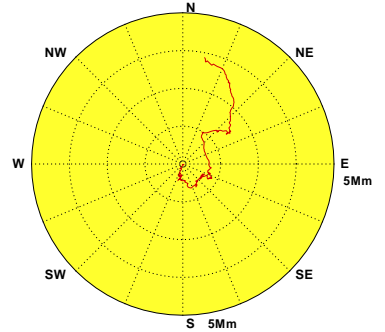
Wind of HLW0 at 2018/08 NO=725(97%)
MEAN=2.9m/s MAX=12.4m/s(SSW)
N-E:10% E-S:27% S-W:47% W-N:16% Calm:0%



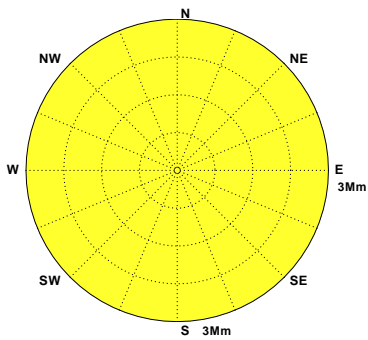
Wind of LTY0 at 2018/08 NO=737(99%)
MEAN=2.6m/s MAX=12.6m/s(NNE)
N-E:24% E-S:28% S-W:22% W-N:26% Calm:0%



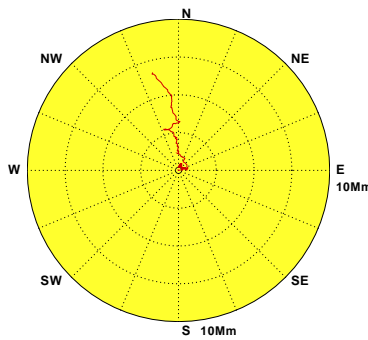
Wind of PNY0 at 2018/08 NO=608(82%)
MEAN=4.6m/s MAX=17.8m/s(W)
N-E:23% E-S:31% S-W:30% W-N:16% Calm:0%



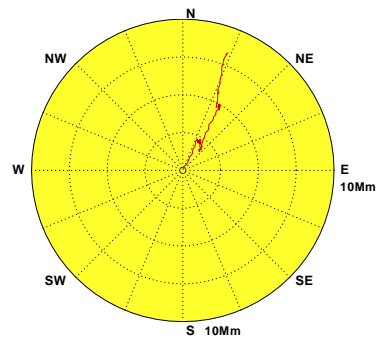
Wind of KHW0 at 2018/08



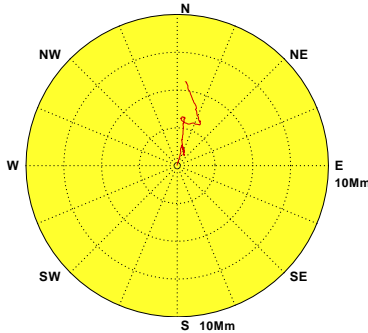
Wind of CNX0 at 2018/08 NO=735(99%)
MEAN=5.2m/s MAX=24.0m/s(WSW)
N-E:7% E-S:55% S-W:24% W-N:14% Calm:0%



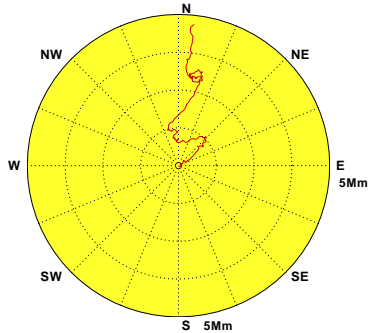
Wind of TCW0 at 2018/08 NO=744(100%)
MEAN=5.2m/s MAX=16.2m/s(SSW)
N-E:12% E-S:18% S-W:55% W-N:13% Calm:2%



Wind of PHY0 at 2018/08 NO=739(99%)
MEAN=4.0m/s MAX=13.5m/s(WNW)
N-E:10% E-S:38% S-W:36% W-N:15% Calm:1%



Wind of KMY0 at 2018/08 NO=736(99%)
MEAN=3.9m/s MAX=10.1m/s(S)
N-E:20% E-S:24% S-W:46% W-N:10% Calm:0%



Wind of MSY0 at 2018/08 NO=683(92%)
MEAN=5.1m/s MAX=16.3m/s(NNE)
N-E:28% E-S:26% S-W:39% W-N:7% Calm:0%

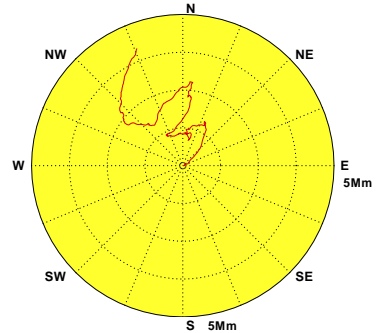


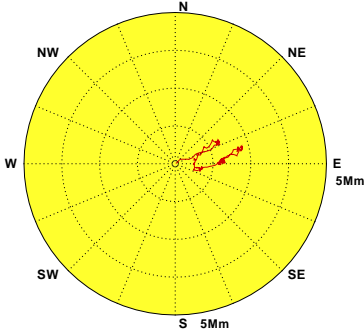
圖5.9a 2018年8月12海域主要測站1修補前觀測風向量行進圖

W188TPX0.1H0 W188KLW0.1H0 W188SAW0.1H0 W188HLW0.1H0 W188LTY0.1H0 W188PNY0.1H0
W188KHW0.1H0 W188CNX0.1H0 W188TCW0.1H0 W188PHY0.1H0 W188KMY0.1H0 W188MSY0.1H0

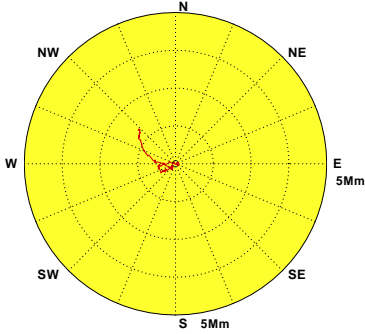
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Progressive Vector Diagram of Wind

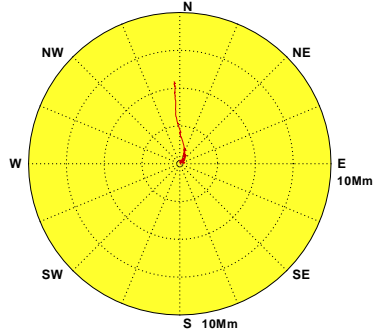
Wind of TPX0 at 2018/08 NO=744(100%)
 MEAN=4.2m/s MAX=12.4m/s(WSW)
 N-E:22% E-S:26% S-W:35% W-N:16% Calm:1%



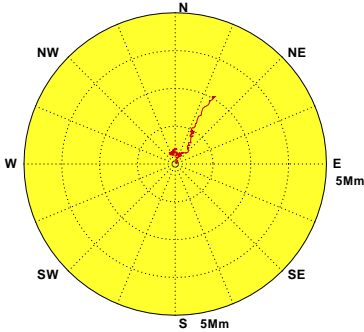
Wind of KLOW at 2018/08 NO=744(100%)
 MEAN=2.6m/s MAX=8.1m/s(SSE)
 N-E:24% E-S:27% S-W:35% W-N:14% Calm:0%



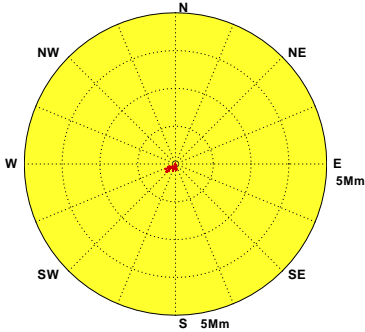
Wind of SAW0 at 2018/08 NO=744(100%)
 MEAN=4.2m/s MAX=13.5m/s(S)
 N-E:10% E-S:43% S-W:11% W-N:36% Calm:0%



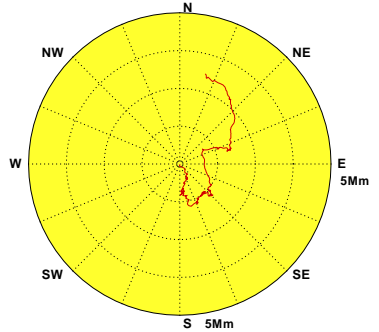
Wind of HLW0 at 2018/08 NO=744(100%)
 MEAN=2.9m/s MAX=12.4m/s(SSW)
 N-E:10% E-S:28% S-W:45% W-N:17% Calm:0%



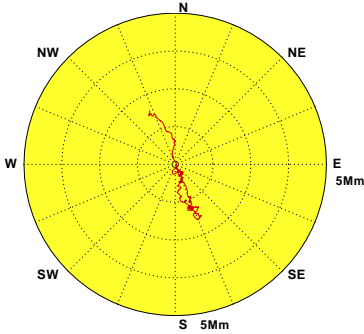
Wind of LTY0 at 2018/08 NO=744(100%)
 MEAN=2.6m/s MAX=12.6m/s(NNE)
 N-E:24% E-S:27% S-W:22% W-N:26% Calm:1%



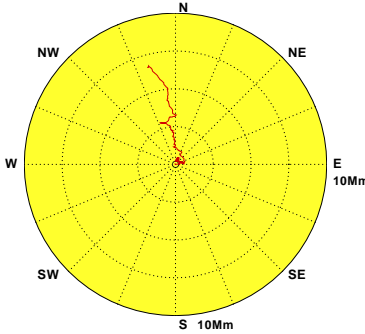
Wind of PNY0 at 2018/08 NO=744(100%)
 MEAN=4.2m/s MAX=17.8m/s(W)
 N-E:27% E-S:27% S-W:26% W-N:20% Calm:0%



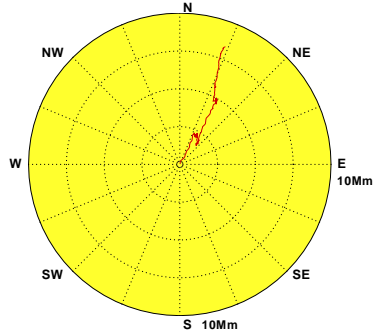
Wind of KHW0 at 2018/08 NO=744(100%)
 MEAN=4.5m/s MAX=13.8m/s(SSE)
 N-E:30% E-S:30% S-W:19% W-N:21% Calm:0%



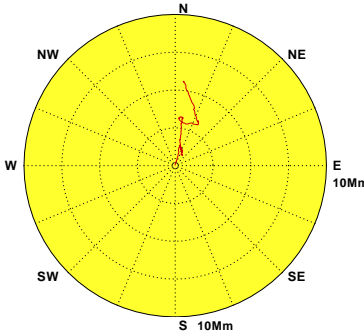
Wind of CNX0 at 2018/08 NO=744(100%)
 MEAN=5.2m/s MAX=24.0m/s(WSW)
 N-E:7% E-S:55% S-W:24% W-N:14% Calm:0%



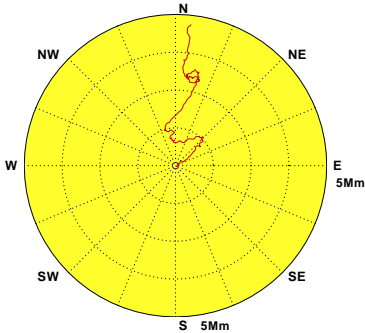
Wind of TCW0 at 2018/08 NO=744(100%)
 MEAN=5.2m/s MAX=16.2m/s(SSW)
 N-E:12% E-S:18% S-W:55% W-N:13% Calm:2%



Wind of PHY0 at 2018/08 NO=744(100%)
 MEAN=4.0m/s MAX=13.5m/s(WNW)
 N-E:10% E-S:38% S-W:36% W-N:15% Calm:1%



Wind of KMY0 at 2018/08 NO=744(100%)
 MEAN=3.9m/s MAX=10.1m/s(S)
 N-E:20% E-S:24% S-W:46% W-N:10% Calm:0%



Wind of MSY0 at 2018/08 NO=744(100%)
 MEAN=4.9m/s MAX=16.3m/s(NNE)
 N-E:27% E-S:27% S-W:38% W-N:8% Calm:0%

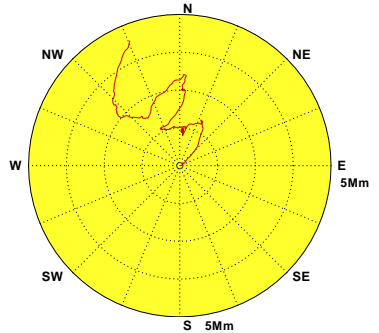


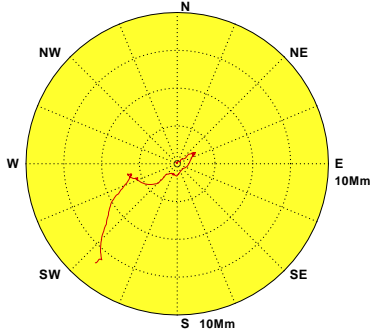
圖5.9b 2018年8月12海域主要測站1修補後觀測風向量行進圖

W188TPX0.1HA W188KLOW.1HA W188SAW0.1HA W188HLW0.1HA W188LTY0.1HA W188PNY0.1HA
 W188KHW0.1HA W188CNX0.1HA W188TCW0.1HA W188PHY0.1HA W188KMY0.1HA W188MSY0.1HA

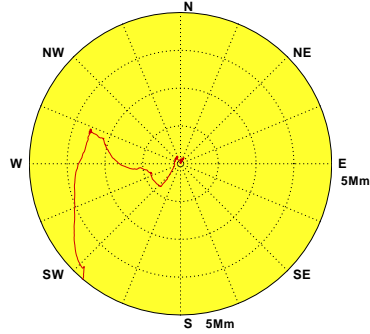
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Progressive Vector Diagram of Wind

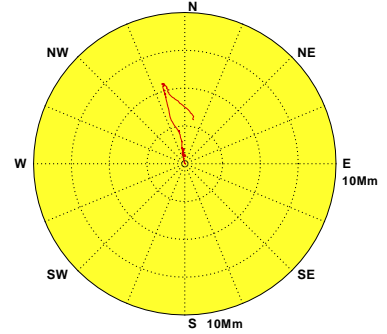
Wind of TPX0 at 2018/09 NO=711(99%)
MEAN=6.6m/s MAX=16.5m/s(ESE)
N-E:43% E-S:25% S-W:18% W-N:14% Calm:0%



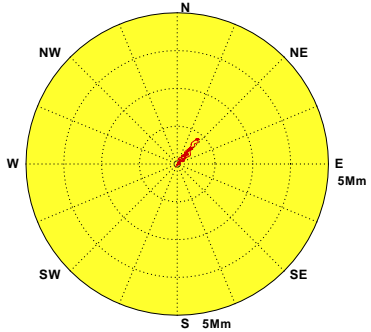
Wind of K LW0 at 2018/09 NO=720(100%)
MEAN=4.6m/s MAX=12.7m/s(N)
N-E:34% E-S:31% S-W:18% W-N:17% Calm:0%



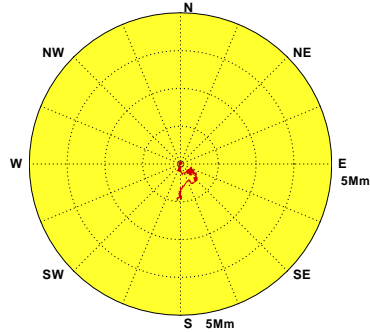
Wind of SAW0 at 2018/09 NO=720(100%)
MEAN=5.0m/s MAX=20.8m/s(SSE)
N-E:9% E-S:40% S-W:7% W-N:44% Calm:0%



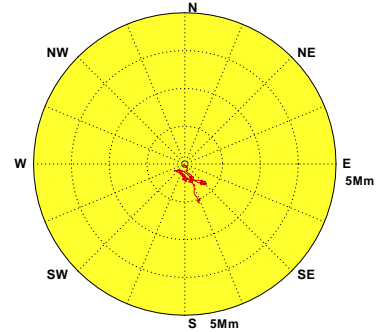
Wind of HLW0 at 2018/09 NO=720(100%)
MEAN=3.2m/s MAX=12.1m/s(ESE)
N-E:24% E-S:23% S-W:38% W-N:15% Calm:0%



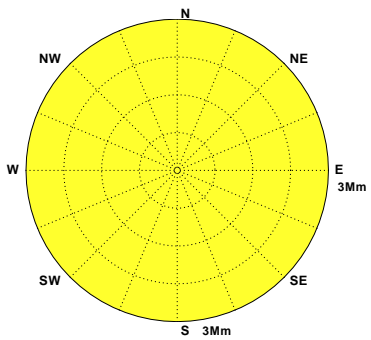
Wind of LTY0 at 2018/09 NO=707(98%)
MEAN=3.7m/s MAX=13.1m/s(W)
N-E:28% E-S:23% S-W:23% W-N:25% Calm:1%



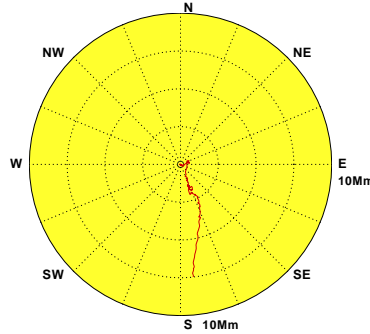
Wind of PNY0 at 2018/09 NO=606(84%)
MEAN=3.5m/s MAX=10.8m/s(SE)
N-E:26% E-S:19% S-W:12% W-N:43% Calm:0%



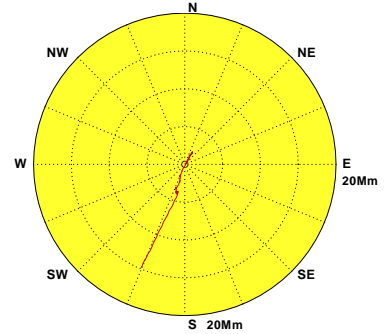
Wind of KHW0 at 2018/09



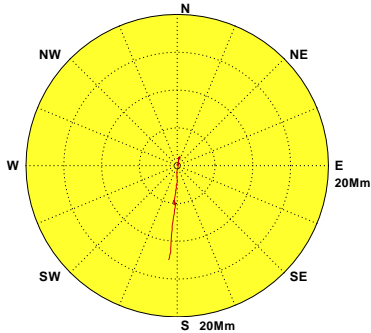
Wind of CNX0 at 2018/09 NO=713(99%)
MEAN=4.9m/s MAX=16.4m/s(NNE)
N-E:35% E-S:14% S-W:13% W-N:38% Calm:0%



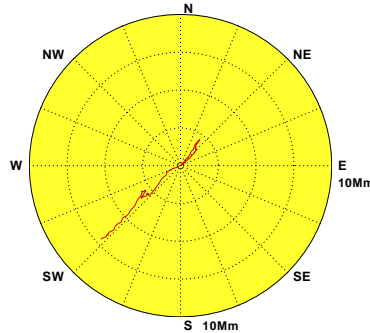
Wind of TCW0 at 2018/09 NO=720(100%)
MEAN=8.2m/s MAX=23.8m/s(NNE)
N-E:53% E-S:7% S-W:23% W-N:12% Calm:5%



Wind of PHY0 at 2018/09 NO=708(98%)
MEAN=6.4m/s MAX=14.8m/s(NNE)
N-E:50% E-S:9% S-W:21% W-N:19% Calm:1%



Wind of KMY0 at 2018/09 NO=696(97%)
MEAN=5.6m/s MAX=14.9m/s(NE)
N-E:58% E-S:11% S-W:27% W-N:4% Calm:0%



Wind of MSY0 at 2018/09 NO=642(89%)
MEAN=7.7m/s MAX=14.5m/s(NE)
N-E:70% E-S:8% S-W:18% W-N:4% Calm:0%

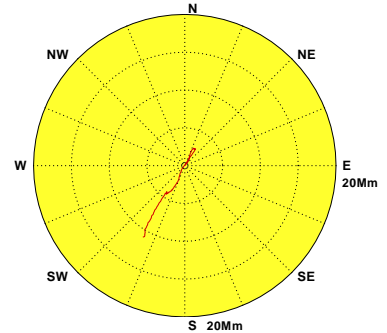


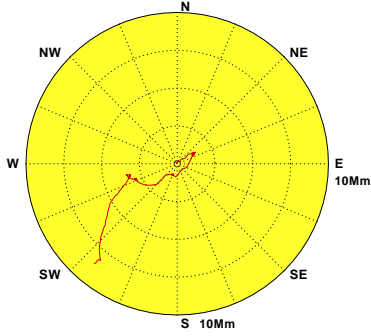
圖5.10a 2018年9月12海域主要測站1修補前觀測風向量行進圖

W189TPX0.1H0 W189KLW0.1H0 W189SAW0.1H0 W189HLW0.1H0 W189LTY0.1H0 W189PNY0.1H0
W189KHW0.1H0 W189CNX0.1H0 W189TCW0.1H0 W189PHY0.1H0 W189KMY0.1H0 W189MSY0.1H0

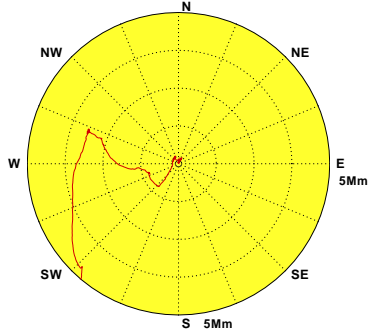
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Progressive Vector Diagram of Wind

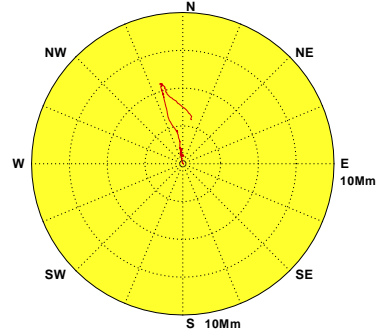
Wind of TPX0 at 2018/09 NO=720(100%)
MEAN=6.5m/s MAX=16.5m/s(ESE)
N-E:43% E-S:25% S-W:18% W-N:14% Calm:0%



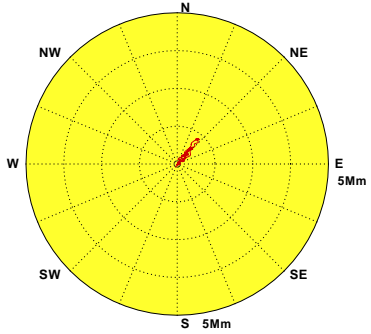
Wind of K LW0 at 2018/09 NO=720(100%)
MEAN=4.6m/s MAX=12.7m/s(N)
N-E:34% E-S:31% S-W:18% W-N:17% Calm:0%



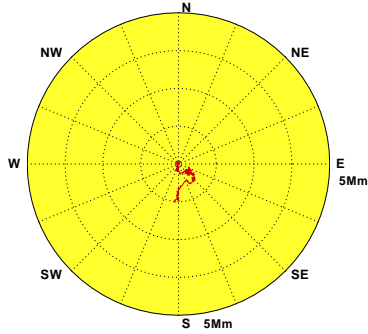
Wind of SAW0 at 2018/09 NO=720(100%)
MEAN=5.0m/s MAX=20.8m/s(SSE)
N-E:9% E-S:40% S-W:6% W-N:45% Calm:0%



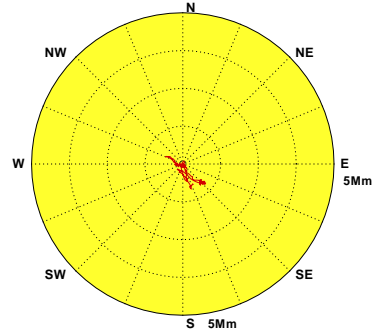
Wind of HLW0 at 2018/09 NO=720(100%)
MEAN=3.2m/s MAX=12.1m/s(ESE)
N-E:24% E-S:23% S-W:38% W-N:15% Calm:0%



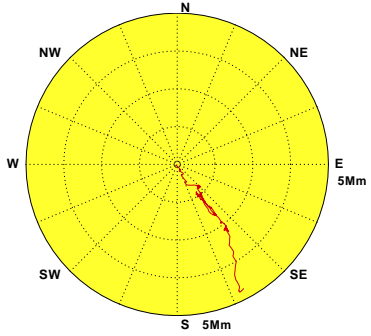
Wind of LTY0 at 2018/09 NO=720(100%)
MEAN=3.7m/s MAX=13.1m/s(W)
N-E:28% E-S:23% S-W:23% W-N:25% Calm:1%



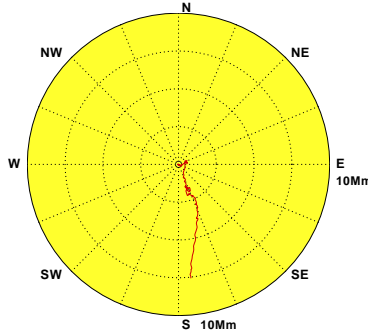
Wind of PNY0 at 2018/09 NO=720(100%)
MEAN=3.4m/s MAX=10.8m/s(SE)
N-E:27% E-S:22% S-W:13% W-N:38% Calm:0%



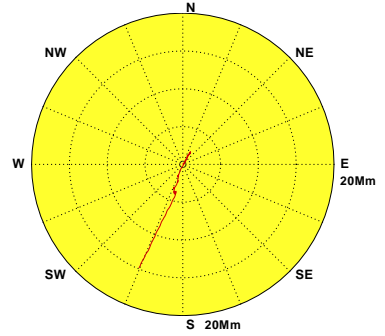
Wind of KHW0 at 2018/09 NO=720(100%)
MEAN=4.2m/s MAX=15.4m/s(NW)
N-E:31% E-S:13% S-W:13% W-N:43% Calm:0%



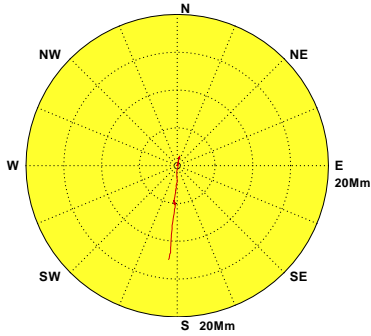
Wind of CNX0 at 2018/09 NO=720(100%)
MEAN=4.9m/s MAX=16.4m/s(NNE)
N-E:35% E-S:14% S-W:13% W-N:38% Calm:0%



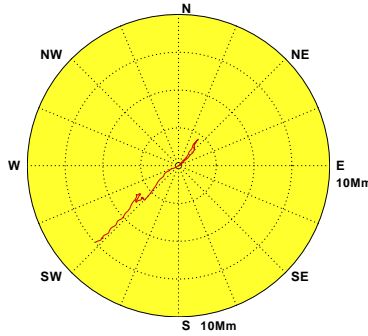
Wind of TCW0 at 2018/09 NO=720(100%)
MEAN=8.2m/s MAX=23.8m/s(NNE)
N-E:53% E-S:7% S-W:23% W-N:12% Calm:5%



Wind of PHY0 at 2018/09 NO=720(100%)
MEAN=6.3m/s MAX=14.8m/s(NNE)
N-E:51% E-S:9% S-W:21% W-N:18% Calm:1%



Wind of KMY0 at 2018/09 NO=720(100%)
MEAN=5.6m/s MAX=14.9m/s(NE)
N-E:58% E-S:11% S-W:27% W-N:4% Calm:0%



Wind of MSY0 at 2018/09 NO=720(100%)
MEAN=7.7m/s MAX=15.0m/s(NE)
N-E:73% E-S:8% S-W:16% W-N:3% Calm:0%

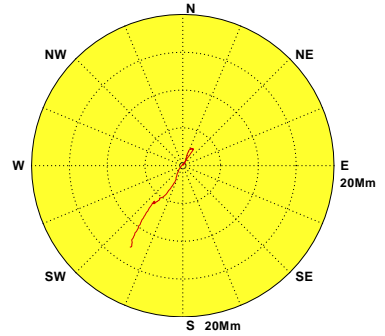


圖5.10b 2018年9月12海域主要測站1修補後觀測風向量行進圖

W189TPX0.1HA W189KLW0.1HA W189SAW0.1HA W189HLW0.1HA W189LTY0.1HA W189PNY0.1HA
W189KHW0.1HA W189CNX0.1HA W189TCW0.1HA W189PHY0.1HA W189KMY0.1HA W189MSY0.1HA

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Progressive Vector Diagram of Wind

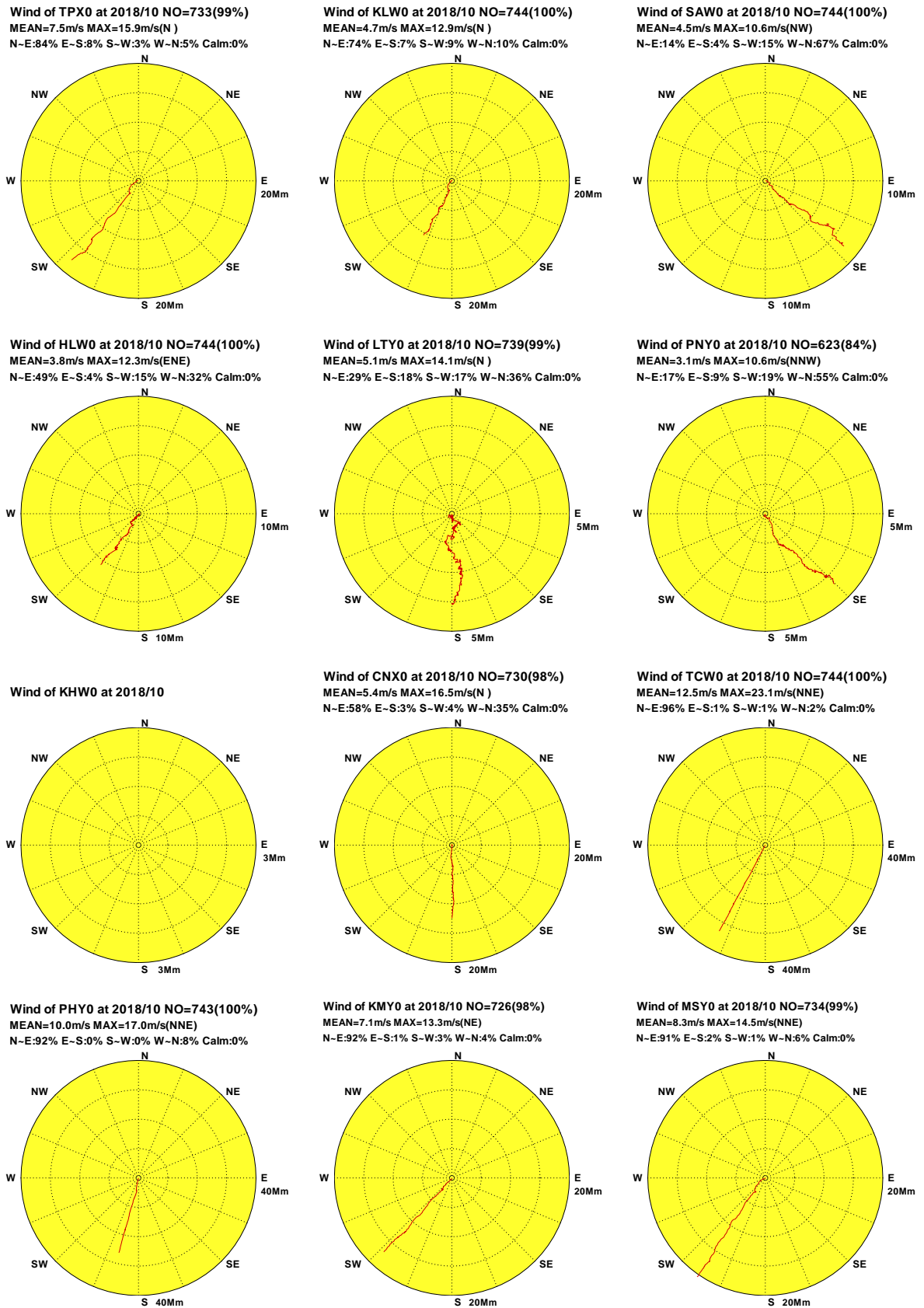


圖5.11a 2018年10月12海域主要測站1修補前觀測風向量行進圖

W18ATPX0.1H0 W18AKLW0.1H0 W18ASAW0.1H0 W18AHLW0.1H0 W18ALTY0.1H0 W18APNY0.1H0
W18AKHW0.1H0 W18ACNX0.1H0 W18ATCW0.1H0 W18APHY0.1H0 W18AKMY0.1H0 W18AMSY0.1H0

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Progressive Vector Diagram of Wind

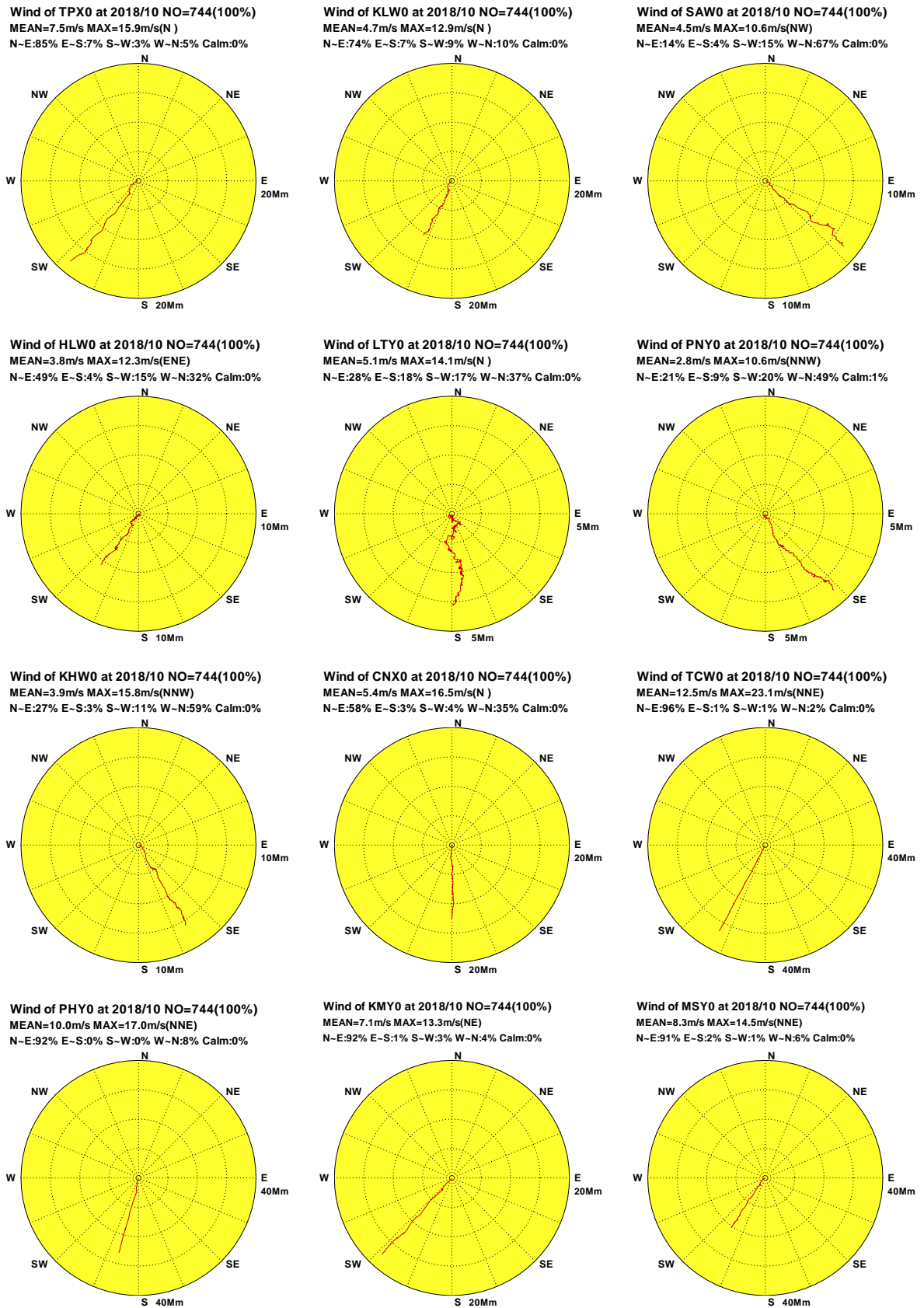


圖5.11b 2018年10月12海域主要測站1修補後觀測風向量行進圖

W18ATPX0.1HA W18AKLW0.1HA W18ASAW0.1HA W18AHLW0.1HA W18ALTY0.1HA W18APNY0.1HA
W18AKHW0.1HA W18ACNX0.1HA W18ATCW0.1HA W18APHY0.1HA W18AKMY0.1HA W18AMSY0.1HA

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Progressive Vector Diagram of Wind

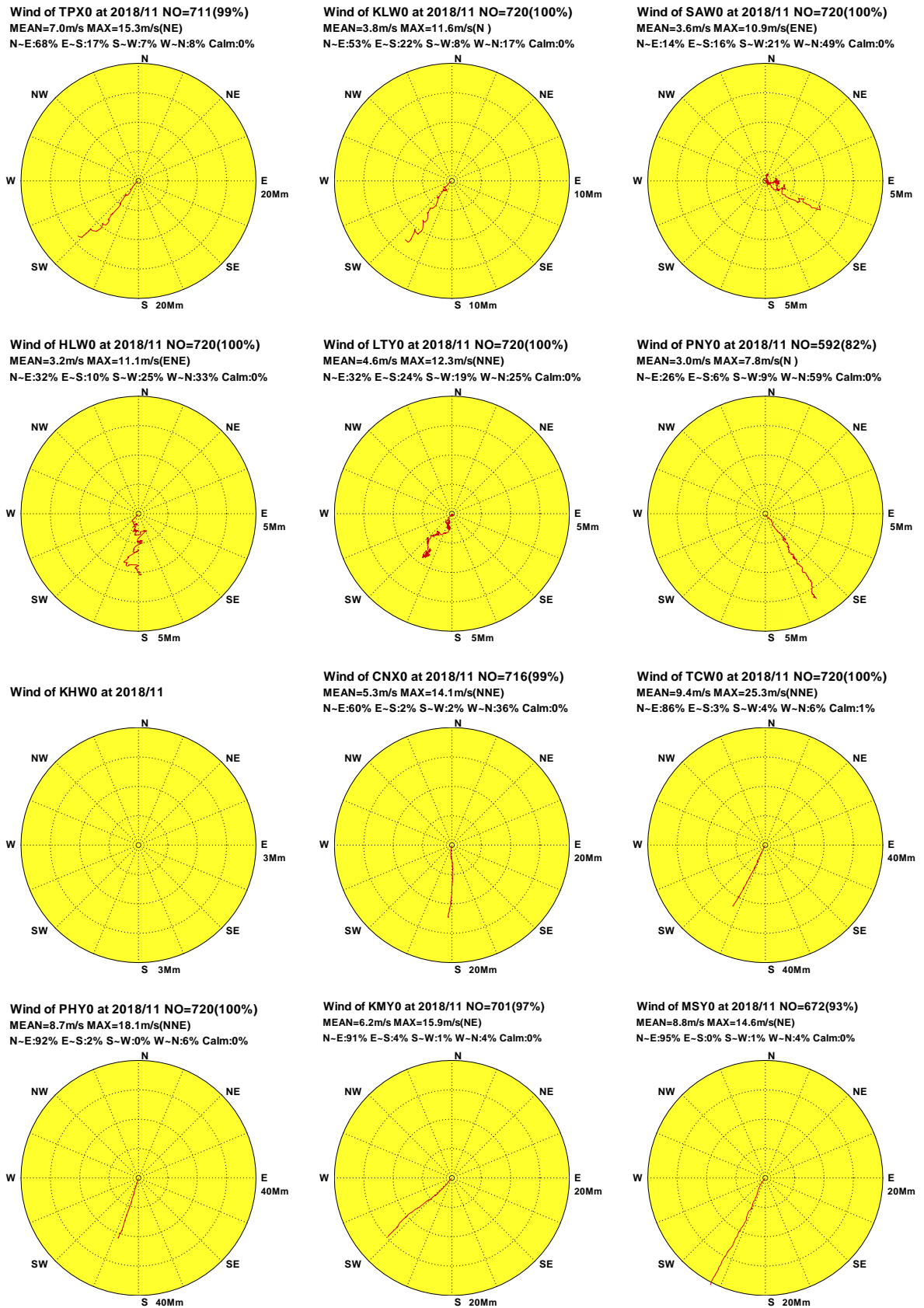


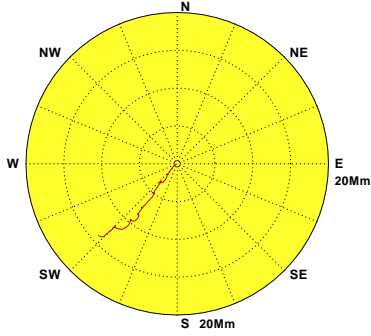
圖5.12a 2018年11月12海域主要測站1修補前觀測風向量行進圖

W18BTPX0.1H0 W18BKLW0.1H0 W18BSAW0.1H0 W18BHLW0.1H0 W18BLTY0.1H0 W18BPNY0.1H0
W18BKHW0.1H0 W18BCNX0.1H0 W18BTCW0.1H0 W18BPHY0.1H0 W18BKMY0.1H0 W18BMSY0.1H0

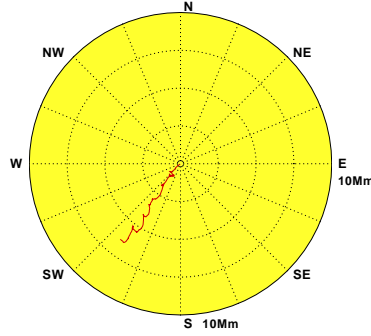
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Progressive Vector Diagram of Wind

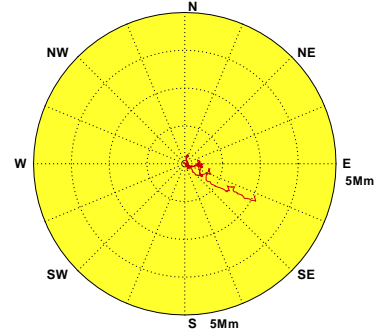
Wind of TPX0 at 2018/11 NO=720(100%)
MEAN=7.0m/s MAX=15.3m/s(NE)
N-E:67% E-S:17% S-W:8% W-N:8% Calm:0%



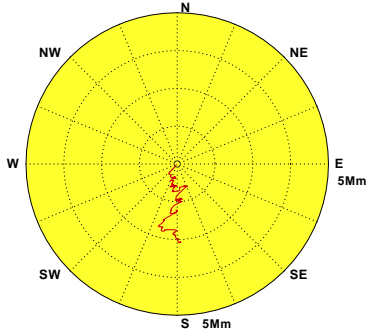
Wind of KLOW at 2018/11 NO=720(100%)
MEAN=3.8m/s MAX=11.6m/s(N)
N-E:53% E-S:22% S-W:8% W-N:17% Calm:0%



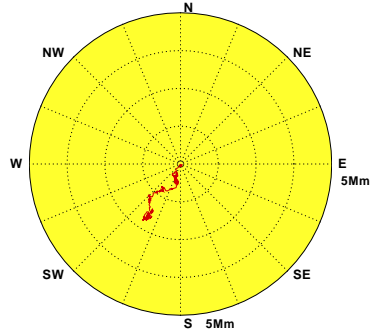
Wind of SAW0 at 2018/11 NO=720(100%)
MEAN=3.6m/s MAX=10.9m/s(ENE)
N-E:14% E-S:16% S-W:21% W-N:49% Calm:0%



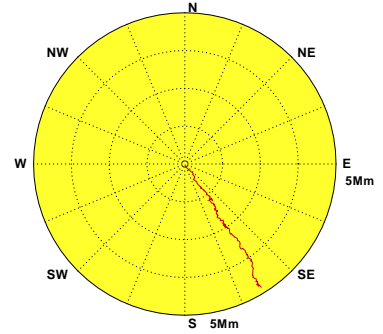
Wind of HLW0 at 2018/11 NO=720(100%)
MEAN=3.2m/s MAX=11.1m/s(ENE)
N-E:32% E-S:10% S-W:25% W-N:33% Calm:0%



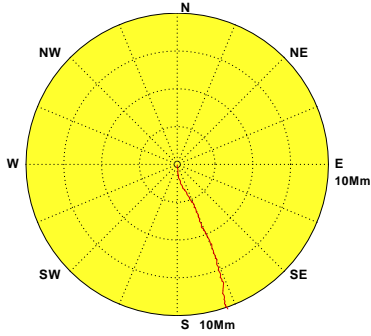
Wind of LTY0 at 2018/11 NO=720(100%)
MEAN=4.6m/s MAX=12.3m/s(NNE)
N-E:32% E-S:24% S-W:19% W-N:25% Calm:0%



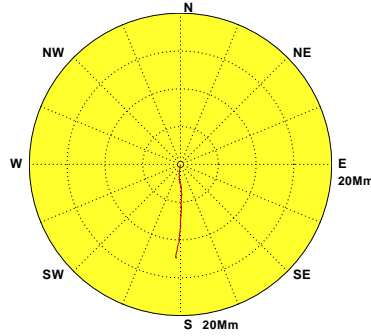
Wind of PNY0 at 2018/11 NO=720(100%)
MEAN=2.7m/s MAX=7.8m/s(N)
N-E:24% E-S:5% S-W:8% W-N:63% Calm:0%



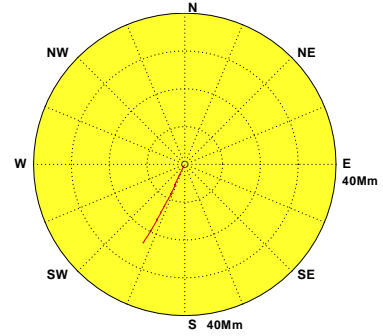
Wind of KHW0 at 2018/11 NO=720(100%)
MEAN=4.3m/s MAX=11.1m/s(N)
N-E:32% E-S:1% S-W:3% W-N:64% Calm:0%



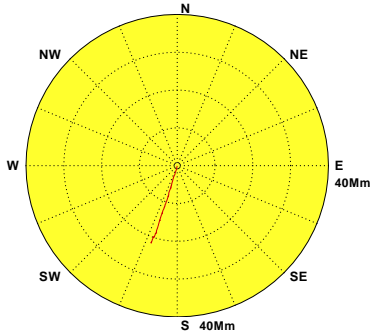
Wind of CNX0 at 2018/11 NO=720(100%)
MEAN=5.3m/s MAX=14.1m/s(NNE)
N-E:60% E-S:2% S-W:2% W-N:36% Calm:0%



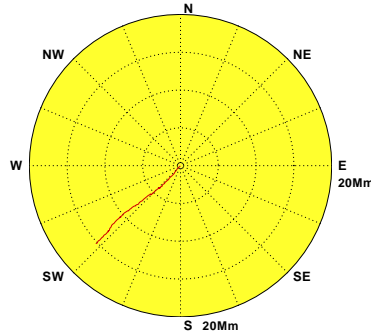
Wind of TCW0 at 2018/11 NO=720(100%)
MEAN=9.4m/s MAX=25.3m/s(NNE)
N-E:86% E-S:3% S-W:4% W-N:6% Calm:1%



Wind of PHY0 at 2018/11 NO=720(100%)
MEAN=8.7m/s MAX=18.1m/s(NNE)
N-E:92% E-S:2% S-W:0% W-N:6% Calm:0%



Wind of KMY0 at 2018/11 NO=720(100%)
MEAN=6.2m/s MAX=15.9m/s(NE)
N-E:91% E-S:4% S-W:1% W-N:4% Calm:0%



Wind of MSY0 at 2018/11 NO=720(100%)
MEAN=8.6m/s MAX=14.6m/s(NE)
N-E:94% E-S:1% S-W:1% W-N:4% Calm:0%

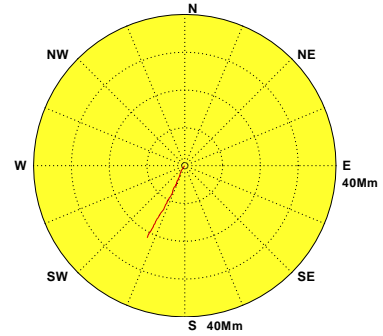


圖5.12b 2018年11月12海域主要測站1修補後觀測風向量行進圖

W18BTPX0.1HA W18BKLOW.1HA W18BSAW0.1HA W18BHLW0.1HA W18BLTY0.1HA W18BPNY0.1HA
W18BKHW0.1HA W18BCNX0.1HA W18BTCW0.1HA W18BPHY0.1HA W18BKMY0.1HA W18BMSY0.1HA

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第六章 2018 年 12 海域風力主要測站 2 修補前後風力統計量統計表

(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)

(馬祖海域)

表6.1a 2017年12月12個海域主要測站2修補前風速及風向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	風速 平均值 (m/s)	平均風 風速/風向 (m/s)/(來向)	最疾風 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	北苗海域(Y)	728(98%)	10.4	9.9/NE	17.9/NE	11.1	14.4	51.0	23.5	88.2	5.9	3.4	2.5	NE /72.5%
2	北端海域(Y)	727(98%)	6.9	5.0/NE	13.0/N	8.1	55.2	36.7	.0	68.8	13.9	9.4	8.0	NNE/23.8%
3	宜蘭海域(Y)	744(100%)	5.1	3.0/NNW	11.8/N	25.3	60.3	14.4	.0	25.9	5.0	6.7	62.4	WNW/34.4%
4	花蓮海域(Y)	721(97%)	6.1	4.7/NE	16.2/NE	35.5	29.7	32.9	1.9	65.0	1.7	22.1	11.2	NE /45.2%
5	臺東海域(W)	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%
6	屏東海域(Z)	744(100%)	12.2	11.9/NE	19.6/NE	3.6	14.0	41.7	40.7	95.2	.1	.4	4.3	NE /80.1%
7	高雄海域(Z)	742(100%)	5.7	5.5/N	11.8/N	13.6	69.8	16.6	.0	47.2	.5	.4	51.9	N /53.0%
8	嘉南海域(B)	712(96%)	6.3	6.0/N	13.8/N	15.9	53.8	30.3	.0	49.6	1.5	1.0	47.9	N /58.7%
9	中雲海域(I)	738(99%)	11.3	11.2/NE	22.0/NE	8.0	19.9	34.8	37.3	97.0	1.6	1.1	.3	NNE/52.4%
10	澎湖海域(W)	381(51%)	8.1	8.0/NNE	13.2/NNE	2.9	42.5	54.6	.0	88.2	.0	.0	11.8	NNE/73.8%
11	金門海域(W)	658(88%)	6.0	5.8/NNE	12.6/NE	16.7	57.3	26.0	.0	90.4	1.7	2.3	5.6	NNE/47.3%
12	馬祖海域(W)													

表6.1b 2017年12月12個海域主要測站2修補後風速及風向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	風速		平均風		最疾風		輕風	和風	強風	疾風	風向	風向	風向	風向	主要風向 方向/百分比	
			平均值	風速/風向	風速/風向	風速/風向	<3.3	~7.9	~13.8	>13.8	N~E	E~S	S~W	W~N				
			(m/s)	(m/s)/(來向)	(m/s)/(來向)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)		
1	北苗海域(Y)	744(100%)	10.3	9.8/NE	17.9/NE	11.8	14.8	50.3	23.1	87.8	5.9	3.6	2.7	NE /71.2%				
2	北端海域(Y)	744(100%)	6.8	4.9/NE	13.0/N	9.8	54.2	36.0	.0	67.9	14.2	9.7	8.2	NNE/23.4%				
3	宜蘭海域(Y)	744(100%)	5.1	3.0/NNW	11.8/N	25.4	60.2	14.4	.0	25.9	5.0	6.7	62.4	WNW/34.4%				
4	花蓮海域(Y)	744(100%)	5.9	4.6/NE	16.2/NE	37.0	29.0	32.1	1.9	64.1	2.2	22.3	11.4	NE /44.1%				
5	臺東海域(W)	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%				
6	屏東海域(Z)	744(100%)	12.2	11.9/NE	19.6/NE	3.8	13.8	42.1	40.3	95.2	.1	.4	4.3	NE /80.1%				
7	高雄海域(Z)	744(100%)	5.7	5.5/N	11.8/N	13.6	69.9	16.5	.0	47.3	.5	.4	51.7	N /52.8%				
8	嘉南海域(B)	744(100%)	6.4	6.1/N	13.8/N	15.9	53.4	30.8	.0	49.6	1.6	.9	47.8	N /59.0%				
9	中雲海域(I)	744(100%)	11.3	11.2/NE	22.0/NE	7.9	19.9	34.7	37.5	97.0	1.6	1.1	.3	NNE/52.3%				
10	澎湖海域(W)	744(100%)	9.4	9.1/NNE	14.8/NE	1.5	27.7	68.8	2.0	93.7	.0	.0	6.3	NNE/51.3%				
11	金門海域(W)	744(100%)	6.2	5.9/NNE	12.6/NE	14.8	58.2	27.0	.0	91.5	1.5	2.0	5.0	NNE/52.0%				
12	馬祖海域(W)	744(100%)	5.4	5.3/NNE	7.1/N	1.2	98.8	.0	.0	96.1	.1	.0	3.8	NNE/49.7%				

表6.2a 2018年 1月12個海域主要測站2修補前風速及風向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	風速 平均值 (m/s)	平均風 風速/風向 (m/s)/(來向)	最疾風 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	北苗海域(Y)	724(97%)	9.0	8.3/NE	16.8/NE	10.1	22.4	59.9	7.6	87.4	5.4	4.3	2.9	NE /52.3%
2	北端海域(Y)	310(42%)	5.8	2.2/ENE	10.7/N	15.2	66.8	18.1	.0	46.8	21.9	17.4	13.9	N /11.3%
3	宜蘭海域(Y)	744(100%)	4.8	2.6/NNW	13.4/NNE	28.6	57.8	13.6	.0	25.4	8.2	7.4	59.0	WNW/31.3%
4	花蓮海域(Y)	698(94%)	4.3	2.4/NE	13.6/NE	55.9	27.7	16.5	.0	51.3	2.3	33.4	13.0	NE /33.4%
5	臺東海域(W)	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%
6	屏東海域(Z)	743(100%)	11.3	11.1/NE	19.4/NE	5.0	12.4	55.2	27.5	96.0	.5	.0	3.5	NE /82.9%
7	高雄海域(Z)	744(100%)	5.5	5.2/N	13.0/N	10.9	74.1	15.1	.0	50.1	1.5	.5	47.8	N /51.5%
8	嘉南海域(B)	531(71%)	5.5	5.1/N	12.7/N	20.0	61.6	18.5	.0	50.8	2.8	.9	45.4	N /49.2%
9	中雲海域(I)	734(99%)	10.1	9.9/NE	19.7/ENE	4.4	23.6	53.1	18.9	96.6	1.6	1.1	.7	NE /62.8%
10	澎湖海域(W)	577(78%)	7.5	7.4/NNE	13.1/NNE	5.7	46.6	47.7	.0	96.2	1.2	.2	2.4	NNE/80.9%
11	金門海域(W)	654(88%)	5.5	5.2/NNE	14.0/NNE	21.1	61.6	17.1	.2	89.8	1.8	1.2	7.2	NNE/54.6%
12	馬祖海域(W)													

表6.2b 2018年 1月12個海域主要測站2修補後風速及風向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	風速 平均值 (m/s)	平均風 風速/風向 (m/s)/(來向)	最疾風 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	北苗海域(Y)	744(100%)	8.9	8.2/NE	16.8/NE	10.6	23.5	58.7	7.1	87.1	5.9	4.2	2.8	NE /51.5%
2	北端海域(Y)	744(100%)	5.0	2.7/NE	10.7/N	27.0	60.5	12.5	.0	53.0	16.7	12.9	17.5	ENE/13.8%
3	宜蘭海域(Y)	744(100%)	4.8	2.6/NNW	13.4/NNE	28.6	57.8	13.6	.0	25.4	8.2	7.4	59.0	WNW/31.3%
4	花蓮海域(Y)	744(100%)	4.1	2.3/NE	13.6/NE	58.5	26.1	15.5	.0	49.6	2.8	33.1	14.5	NE /31.5%
5	臺東海域(W)	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%
6	屏東海域(Z)	744(100%)	11.3	11.1/NE	19.4/NE	5.0	12.4	55.4	27.3	96.0	.5	.0	3.5	NE /82.9%
7	高雄海域(Z)	744(100%)	5.5	5.2/N	13.0/N	11.0	73.9	15.1	.0	50.1	1.5	.5	47.8	N /51.5%
8	嘉南海域(B)	744(100%)	6.4	6.1/N	16.7/N	14.8	53.8	30.6	.8	52.6	2.2	.8	44.5	N /56.6%
9	中雲海域(I)	744(100%)	10.1	9.9/NE	19.7/ENE	4.3	23.4	53.5	18.8	96.6	1.6	1.1	.7	NE /62.8%
10	澎湖海域(W)	744(100%)	7.7	7.6/NNE	13.1/NNE	5.0	42.6	52.4	.0	96.5	1.2	.1	2.2	NNE/72.0%
11	金門海域(W)	744(100%)	5.4	5.2/NNE	14.0/NNE	20.6	63.7	15.6	.1	89.9	2.2	1.1	6.9	NNE/55.6%
12	馬祖海域(W)	744(100%)	3.5	3.4/NNE	5.9/NNE	41.0	59.0	.0	.0	98.1	.4	.3	1.2	NNE/69.0%

表6.3a 2018年2月12個海域主要測站2修補前風速及風向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	風速 平均值 (m/s)	平均風 風速/風向 (m/s)/(來向)	最疾風 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	北苗海域(Y)	629(94%)	8.9	8.1/NE	16.5/NE	14.3	26.2	48.0	11.4	83.9	5.7	4.6	5.7	NE /59.8%
2	北端海域(Y)	158(24%)	5.8	3.3/NNE	10.8/NW	14.6	69.0	16.5	.0	60.1	9.5	16.5	13.9	N /24.7%
3	宜蘭海域(Y)	672(100%)	4.8	2.8/NW	10.7/NNE	32.7	55.4	11.9	.0	20.8	6.7	7.9	64.6	WNW/35.3%
4	花蓮海域(Y)	630(94%)	4.4	2.0/NE	14.1/NE	56.7	25.1	18.1	.2	42.4	6.5	38.1	13.0	NE /28.9%
5	臺東海域(W)	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%
6	屏東海域(Z)	672(100%)	10.0	9.7/NE	17.7/NE	4.8	25.6	51.9	17.7	94.8	2.1	.1	3.0	NE /77.7%
7	高雄海域(Z)	658(98%)	5.9	5.2/N	11.8/N	13.7	65.8	20.5	.0	50.5	2.3	2.4	44.8	N /47.4%
8	嘉南海域(B)	300(45%)	6.9	6.6/N	13.4/N	13.7	45.3	41.0	.0	64.0	1.3	1.0	33.7	N /58.0%
9	中雲海域(I)	663(99%)	9.8	9.7/NE	18.4/NE	10.3	29.0	32.7	28.1	96.7	1.1	.9	1.4	NE /80.5%
10	澎湖海域(W)	388(58%)	5.9	5.7/NNE	11.1/NNE	24.2	46.1	29.6	.0	89.2	3.1	.0	7.7	NNE/63.7%
11	金門海域(W)	515(77%)	4.8	4.1/NNE	10.6/NNE	31.8	57.9	10.3	.0	82.9	8.0	2.3	6.8	NNE/46.6%
12	馬祖海域(W)													

表6.3b 2018年2月12個海域主要測站2修補後風速及風向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	風速 平均值 (m/s)	平均風 風速/風向 (m/s)/(來向)	最疾風 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	北苗海域(Y)	672(100%)	8.6	7.9/NE	16.5/NE	14.6	28.6	46.4	10.4	83.8	6.0	4.6	5.7	NE /58.0%
2	北端海域(Y)	672(100%)	4.9	3.7/NNE	11.9/N	35.0	48.2	16.8	.0	67.7	12.9	4.9	14.4	NNE/25.0%
3	宜蘭海域(Y)	672(100%)	4.8	2.8/NW	10.7/NNE	32.7	55.4	11.9	.0	20.8	6.7	7.9	64.6	WNW/35.3%
4	花蓮海域(Y)	672(100%)	4.2	1.9/NE	14.1/NE	58.3	24.6	17.0	.1	40.8	7.7	37.9	13.5	NE /27.4%
5	臺東海域(W)	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%
6	屏東海域(Z)	672(100%)	10.0	9.7/NE	17.7/NE	4.8	25.6	51.9	17.7	94.8	2.1	.1	3.0	NE /77.7%
7	高雄海域(Z)	672(100%)	5.8	5.2/N	11.8/N	14.4	65.2	20.4	.0	50.1	2.2	2.4	45.2	N /47.3%
8	嘉南海域(B)	672(100%)	7.0	6.7/N	13.4/N	9.2	52.7	38.1	.0	50.4	1.2	1.3	47.0	N /60.4%
9	中雲海域(I)	672(100%)	9.8	9.7/NE	18.4/NE	10.4	28.7	32.7	28.1	96.4	1.2	1.0	1.3	NE /80.5%
10	澎湖海域(W)	672(100%)	7.4	7.1/NNE	13.1/NE	15.8	33.9	50.3	.0	93.3	1.8	.0	4.9	NNE/47.2%
11	金門海域(W)	672(100%)	5.0	4.4/NNE	10.6/NNE	27.7	60.0	12.4	.0	84.8	7.0	2.2	6.0	NNE/51.5%
12	馬祖海域(W)	672(100%)	3.8	3.7/N	5.8/N	28.0	72.0	.0	.0	77.5	11.5	.6	10.4	N /57.0%

表6.4a 2018年 3月12個海域主要測站2修補前風速及風向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	風速 平均值 (m/s)	平均風 風速/風向 (m/s)/(來向)	最疾風 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	北苗海域(Y)	708(95%)	6.1	4.6/NE	15.3/NE	32.3	34.5	29.9	3.2	59.3	20.1	7.6	13.0	NE /29.2%
2	北端海域(Y)	613(82%)	4.9	.7/ENE	11.6/N	29.0	56.9	14.0	.0	33.3	27.1	29.4	10.3	N /19.2%
3	宜蘭海域(Y)	744(100%)	4.3	.8/N	13.2/NNE	46.2	42.5	11.3	.0	26.2	20.8	13.8	39.1	WNW/17.6%
4	花蓮海域(Y)	674(91%)	3.6	.9/NE	14.6/NE	66.3	23.3	9.9	.4	34.7	10.7	41.4	13.2	NE /18.8%
5	臺東海域(W)	742(100%)	3.0	1.0/ENE	9.8/SE	67.1	31.1	1.8	.0	29.5	42.7	1.3	26.4	SE /23.2%
6	屏東海域(Z)	744(100%)	7.5	6.7/NE	15.7/NE	15.3	34.1	46.4	4.2	83.9	6.3	2.7	7.1	NE /41.3%
7	高雄海域(Z)	701(94%)	4.4	3.3/N	13.0/N	35.7	53.1	11.3	.0	43.5	8.7	5.1	42.7	N /22.1%
8	嘉南海域(B)	641(86%)	4.7	3.8/N	14.3/N	40.1	44.8	15.0	.2	42.9	8.6	6.4	42.1	N /26.7%
9	中雲海域(I)	728(98%)	6.5	6.0/NE	19.9/NE	26.9	37.6	27.1	8.4	83.7	7.0	6.0	3.3	NE /57.8%
10	澎湖海域(W)	674(91%)	5.0	4.6/NNE	12.2/NNE	31.8	50.1	18.1	.0	74.3	4.7	2.5	18.4	NNE/47.2%
11	金門海域(W)	657(88%)	3.9	2.7/NE	15.6/NE	47.3	45.1	7.5	.2	68.6	15.1	5.6	10.7	NNE/31.2%
12	馬祖海域(W)	578(78%)	3.3	2.3/NNW	9.4/NNW	54.8	43.8	1.4	.0	9.5	13.8	6.6	70.1	NNW/42.7%

表6.4b 2018年 3月12個海域主要測站2修補後風速及風向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	風速 平均值 (m/s)	平均風 風速/風向 (m/s)/(來向)	最疾風 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	北苗海域(Y)	744(100%)	6.0	4.4/NE	15.3/NE	34.0	34.1	28.8	3.1	57.8	21.6	7.7	12.9	NE /28.4%
2	北端海域(Y)	744(100%)	4.6	.7/ENE	11.6/N	35.8	52.3	12.0	.0	30.9	26.7	30.2	12.1	N /17.6%
3	宜蘭海域(Y)	744(100%)	4.3	.8/N	13.2/NNE	46.4	42.3	11.3	.0	26.2	20.8	13.8	39.1	WNW/17.6%
4	花蓮海域(Y)	744(100%)	3.4	.8/NE	14.6/NE	69.1	21.5	9.0	.4	32.1	12.5	39.7	15.7	NE /17.1%
5	臺東海域(W)	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%
6	屏東海域(Z)	744(100%)	7.5	6.7/NE	15.7/NE	15.3	34.1	46.4	4.2	83.9	6.3	2.7	7.1	NE /41.3%
7	高雄海域(Z)	744(100%)	4.4	3.3/N	13.0/N	35.3	53.5	11.2	.0	43.0	8.2	5.1	43.7	N /22.0%
8	嘉南海域(B)	744(100%)	4.7	3.8/N	14.5/N	39.5	46.2	13.8	.4	41.7	8.2	6.0	44.1	N /26.7%
9	中雲海域(I)	744(100%)	6.5	6.0/NE	19.9/NE	26.9	37.8	26.9	8.5	83.6	6.9	6.2	3.4	NE /57.9%
10	澎湖海域(W)	744(100%)	5.0	4.6/NNE	12.2/NNE	32.0	50.4	17.6	.0	74.2	4.7	2.3	18.8	NNE/47.0%
11	金門海域(W)	744(100%)	3.9	2.8/NE	15.6/NE	47.7	44.6	7.5	.1	69.0	14.8	5.4	10.9	NNE/32.5%
12	馬祖海域(W)	744(100%)	3.1	2.3/N	9.4/NNW	58.6	40.1	1.3	.0	22.6	14.7	5.1	57.7	NNW/36.0%

表6.5a 2018年4月12個海域主要測站2修補前風速及風向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	風速 平均值 (m/s)	平均風 風速/風向 (m/s)/(來向)	最疾風 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	北苗海域(Y)	626(87%)	5.2	2.6/NE	15.5/NE	43.3	29.2	25.9	1.6	45.0	18.5	19.8	16.6	NE /23.2%
2	北端海域(Y)	658(91%)	4.5	1.2/SSE	11.0/NE	30.9	61.1	8.1	.0	26.7	30.7	39.4	3.2	SSW/17.6%
3	宜蘭海域(Y)	720(100%)	3.9	.5/WSW	12.8/NE	50.8	39.7	9.4	.0	18.1	22.4	17.4	42.2	WNW/19.7%
4	花蓮海域(Y)	668(93%)	3.5	.4/E	14.9/NE	67.4	24.9	7.3	.4	24.4	18.7	45.5	11.4	SW /20.2%
5	臺東海域(W)	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	屏東海域(Z)	720(100%)	7.6	6.4/ENE	17.5/NE	7.5	47.8	40.1	4.6	76.0	15.1	4.9	4.0	NE /38.1%
7	高雄海域(Z)	684(95%)	3.7	2.0/NNW	12.4/N	51.2	44.7	4.1	.0	23.2	6.7	15.1	55.0	NNW/19.7%
8	嘉南海域(B)	305(42%)	3.0	1.8/NW	12.0/N	62.6	36.1	1.3	.0	21.0	9.8	16.1	53.1	NW /30.2%
9	中雲海域(I)	698(97%)	4.8	3.1/ENE	20.2/ENE	51.4	26.9	15.6	6.0	57.0	6.4	20.1	16.5	ENE/30.1%
10	澎湖海域(W)	640(89%)	3.9	2.7/NNE	13.6/NNE	50.5	39.4	10.2	.0	50.8	9.1	12.8	27.3	NNE/31.6%
11	金門海域(W)	660(92%)	3.8	1.6/ENE	11.7/NNE	45.5	51.1	3.5	.0	49.2	33.2	11.5	6.1	NNE/25.2%
12	馬祖海域(W)	671(93%)	2.5	1.0/N	9.0/NNW	70.5	28.6	.9	.0	14.3	24.6	10.0	51.1	NNW/25.6%

表6.5b 2018年4月12個海域主要測站2修補後風速及風向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	風速		最疾風		輕風	和風	強風	疾風	風向	風向	風向	風向	主要風向 方向/百分比	
			平均值	平均風 風速/風向	風速/風向	風速/風向	<3.3	~7.9	~13.8	>13.8	N~E	E~S	S~W	W~N		
			(m/s)	(m/s)/(來向)	(m/s)/(來向)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)		
1	北苗海域(Y)	720(100%)	4.9	2.4/NE	15.5/NE	47.8	27.8	23.1	1.4	44.4	18.5	18.5	18.6	NE	/21.3%	
2	北端海域(Y)	720(100%)	4.3	1.2/SSE	11.0/NE	35.7	56.9	7.4	.0	25.6	29.4	40.4	4.6	SSW	/17.8%	
3	宜蘭海域(Y)	720(100%)	3.9	.5/WSW	12.8/NE	50.8	39.7	9.4	.0	18.1	22.4	17.4	42.2	WNW	/19.7%	
4	花蓮海域(Y)	720(100%)	3.3	.4/E	14.9/NE	69.3	23.5	6.8	.4	23.5	18.8	45.4	12.4	SW	/19.6%	
5	臺東海域(W)	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	屏東海域(Z)	720(100%)	7.6	6.4/ENE	17.5/NE	7.5	47.8	40.4	4.3	76.0	15.1	4.9	4.0	NE	/38.1%	
7	高雄海域(Z)	720(100%)	3.6	1.9/NNW	12.4/N	51.7	44.4	3.9	.0	22.6	7.2	15.7	54.4	NNW	/19.4%	
8	嘉南海域(B)	720(100%)	4.0	2.7/NNW	16.9/N	47.4	44.6	7.1	1.0	29.6	5.8	14.4	50.1	N	/20.6%	
9	中雲海域(I)	720(100%)	4.8	3.1/ENE	20.2/ENE	51.8	26.5	15.7	6.0	57.2	6.7	19.7	16.4	ENE	/30.1%	
10	澎湖海域(W)	720(100%)	3.9	2.7/NNE	13.6/NNE	51.4	38.8	9.9	.0	50.7	9.3	13.8	26.3	NNE	/31.0%	
11	金門海域(W)	720(100%)	3.8	1.6/ENE	11.7/NNE	45.1	51.4	3.5	.0	48.3	33.8	11.9	6.0	NNE	/24.4%	
12	馬祖海域(W)	720(100%)	2.5	1.0/N	9.0/NNW	70.8	28.3	.8	.0	15.3	24.4	9.6	50.7	NNW	/25.7%	

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表6.6a 2018年5月12個海域主要測站2修補前風速及風向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	風速 平均值 (m/s)	平均風 風速/風向 (m/s)/(來向)	最疾風 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	北苗海域(Y)	467(63%)	5.7	2.7/WSW	12.9/NE	23.8	49.0	27.2	.0	23.6	5.4	57.8	13.3	WSW/25.5%
2	北端海域(Y)	353(47%)	3.2	.6/E	8.6/NE	62.3	36.8	.8	.0	39.7	19.8	32.9	7.6	SSW/18.1%
3	宜蘭海域(Y)	744(100%)	3.1	.9/S	11.3/NE	63.2	31.3	5.5	.0	19.4	24.5	22.3	33.9	S /23.3%
4	花蓮海域(Y)	406(55%)	3.2	1.2/SSE	11.2/NE	65.0	32.3	2.7	.0	22.2	33.5	32.5	11.8	SSE/17.0%
5	臺東海域(W)	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%
6	屏東海域(Z)	744(100%)	4.8	1.7/NE	16.0/NE	43.3	38.3	15.6	2.8	37.6	18.8	21.0	22.6	NE /22.8%
7	高雄海域(Z)	738(99%)	3.0	1.1/WSW	8.5/ESE	56.8	42.5	.7	.0	8.5	20.1	36.0	35.4	S /14.9%
8	嘉南海域(B)	588(79%)	3.2	1.4/W	9.8/NW	58.7	39.8	1.5	.0	13.4	8.7	46.9	31.0	SW /15.6%
9	中雲海域(I)	644(87%)	4.3	1.0/SW	13.1/NE	42.5	45.8	11.6	.0	24.5	3.7	55.0	16.8	W /15.5%
10	澎湖海域(W)	711(96%)	3.2	.3/NW	11.2/NNE	65.0	30.5	4.5	.0	22.2	19.8	38.5	19.4	SSW/20.1%
11	金門海域(W)	604(81%)	4.5	2.0/SE	10.5/NE	33.6	58.8	7.6	.0	26.3	54.6	16.9	2.2	SSE/37.3%
12	馬祖海域(W)	691(93%)	3.5	.9/ESE	8.6/NNW	46.2	53.1	.7	.0	5.8	47.6	7.8	38.8	SE /30.1%

表6.6b 2018年5月12個海域主要測站2修補後風速及風向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	風速 平均值 (m/s)	平均風 風速/風向 (m/s)/(來向)	最疾風 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	北苗海域(Y)	744(100%)	5.0	1.7/W	12.9/NE	35.8	42.6	21.6	.0	28.2	12.9	43.3	15.6	WSW/17.3%
2	北端海域(Y)	744(100%)	2.5	.4/E	11.0/N	74.2	24.9	.9	.0	31.7	18.3	37.2	12.8	SSW/19.4%
3	宜蘭海域(Y)	744(100%)	3.1	.9/S	11.3/NE	63.2	31.3	5.5	.0	19.5	24.5	22.3	33.7	S /23.3%
4	花蓮海域(Y)	744(100%)	2.6	.8/SSE	11.2/NE	74.3	24.1	1.6	.0	19.5	30.4	37.5	12.6	SW /14.9%
5	臺東海域(W)	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%
6	屏東海域(Z)	744(100%)	4.8	1.7/NE	16.0/NE	43.4	38.2	15.6	2.8	37.6	18.8	21.0	22.6	NE /22.8%
7	高雄海域(Z)	744(100%)	3.0	1.1/WSW	8.5/ESE	57.1	42.2	.7	.0	8.5	20.0	36.2	35.3	S /14.7%
8	嘉南海域(B)	744(100%)	3.0	1.3/W	9.8/NW	61.3	37.5	1.2	.0	13.4	11.8	47.0	27.7	SW /15.7%
9	中雲海域(I)	744(100%)	4.4	.7/WSW	13.4/NNE	41.3	46.0	12.8	.0	26.9	3.4	54.7	15.1	SW /15.1%
10	澎湖海域(W)	744(100%)	3.2	.3/NW	11.2/NNE	65.3	30.4	4.3	.0	22.3	19.9	37.9	19.9	SSW/19.5%
11	金門海域(W)	744(100%)	4.3	2.0/SE	10.5/NE	36.8	56.7	6.5	.0	26.2	51.3	20.4	2.0	SSE/33.3%
12	馬祖海域(W)	744(100%)	3.5	.9/ESE	8.6/NNW	47.6	51.7	.7	.0	9.4	46.4	7.4	36.8	SE /29.2%

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表6.7a 2018年6月12個海域主要測站2修補前風速及風向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	風速 平均值 (m/s)	平均風 風速/風向 (m/s)/(來向)	最疾風 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	北苗海域(Y)	668(93%)	6.3	1.1/NNE	13.6/NE	22.8	42.8	34.4	.0	48.5	12.1	36.7	2.7	NE /22.2%
2	北端海域(Y)	531(74%)	3.5	.7/NNE	10.2/NNE	52.4	44.6	3.0	.0	35.4	15.8	29.2	19.6	N /16.0%
3	宜蘭海域(Y)	719(100%)	3.4	.5/NNE	10.9/S	58.8	34.6	6.5	.0	27.8	22.7	12.9	36.6	NW /12.7%
4	花蓮海域(Y)	557(77%)	3.0	.6/ENE	10.0/NE	71.6	24.6	3.8	.0	35.4	16.2	37.5	11.0	SW /18.7%
5	臺東海域(W)	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%
6	屏東海域(Z)	720(100%)	5.9	.7/NNW	13.9/NE	19.3	56.3	24.2	.3	42.8	5.1	32.8	19.3	NE /28.2%
7	高雄海域(Z)	711(99%)	4.0	.7/S	12.9/S	46.8	46.1	7.0	.0	13.4	33.6	21.7	31.4	SSE/11.7%
8	嘉南海域(B)	715(99%)	4.0	.7/WNW	12.4/NNW	43.5	50.8	5.7	.0	17.5	25.2	26.6	30.8	S /13.4%
9	中雲海域(I)	690(96%)	5.6	1.3/ENE	18.8/NNE	32.8	41.2	23.9	2.2	44.9	16.1	31.9	7.1	NNE/31.7%
10	澎湖海域(W)	680(94%)	4.0	1.5/NNE	11.5/N	47.6	44.4	7.9	.0	42.4	23.5	20.4	13.7	NNE/24.4%
11	金門海域(W)	201(28%)	4.2	3.9/S	10.3/SSE	30.8	65.7	3.5	.0	1.0	59.2	36.8	3.0	SSE/48.3%
12	馬祖海域(W)	482(67%)	3.5	.6/NE	8.7/NNW	45.0	54.1	.8	.0	8.1	36.9	6.4	48.5	NNW/33.2%

表6.7b 2018年 6月12個海域主要測站2修補後風速及風向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	風速 平均值 (m/s)	平均風 風速/風向 (m/s)/(來向)	最疾風 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	北苗海域(Y)	720(100%)	6.1	1.0/NNE	13.6/NE	26.0	41.5	32.5	.0	46.3	12.1	37.4	4.3	NE /20.8%
2	北端海域(Y)	720(100%)	2.9	.4/NE	10.2/NNE	64.4	33.3	2.2	.0	30.6	17.4	34.0	18.1	SSW/19.0%
3	宜蘭海域(Y)	720(100%)	3.4	.5/NNE	10.9/S	59.0	34.4	6.5	.0	27.8	22.6	12.9	36.7	NW /12.5%
4	花蓮海域(Y)	720(100%)	2.5	.4/ENE	10.0/NE	78.1	19.0	2.9	.0	34.7	15.6	35.8	13.9	SW /16.1%
5	臺東海域(W)	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%
6	屏東海域(Z)	720(100%)	5.9	.7/NNW	13.9/NE	19.3	56.3	24.2	.3	42.8	5.1	32.8	19.3	NE /28.2%
7	高雄海域(Z)	720(100%)	3.9	.6/S	12.9/S	47.5	45.6	6.9	.0	13.6	33.3	21.7	31.4	SSE/11.7%
8	嘉南海域(B)	720(100%)	4.0	.7/WNW	12.4/NNW	43.8	50.6	5.7	.0	17.5	25.0	26.7	30.8	S /13.3%
9	中雲海域(I)	720(100%)	5.6	1.2/ENE	18.8/NNE	33.5	40.8	23.6	2.1	44.7	15.8	32.2	7.2	NNE/31.8%
10	澎湖海域(W)	720(100%)	4.0	1.5/NNE	11.5/N	47.9	44.3	7.8	.0	42.4	23.6	20.7	13.3	NNE/24.3%
11	金門海域(W)	720(100%)	4.2	1.8/E	10.3/SSE	27.5	71.3	1.3	.0	54.4	23.9	20.7	1.0	NE /25.8%
12	馬祖海域(W)	720(100%)	3.6	.7/NNE	8.7/NNW	43.6	55.8	.6	.0	25.8	27.6	12.8	33.8	NNW/22.9%

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表 6.8a 2018 年 7 月 12 個海域主要測站 2 修補前風速及風向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	風速 平均值 (m/s)	平均風 風速/風向 (m/s)/(來向)	最疾風 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	北苗海域(Y)	672(90%)	5.6	2.5/WSW	13.6/NW	33.3	39.6	27.1	.0	18.0	13.8	47.8	20.4	SW /20.7%
2	北端海域(Y)	583(78%)	4.2	2.2/S	13.1/SSW	46.5	40.8	12.7	.0	11.8	35.0	41.0	12.2	S /20.1%
3	宜蘭海域(Y)	743(100%)	3.5	1.9/S	12.0/S	55.2	38.4	6.5	.0	9.3	47.6	14.8	28.3	S /24.0%
4	花蓮海域(Y)	592(80%)	2.5	.6/S	8.0/NE	79.4	20.3	.3	.0	19.1	28.2	38.9	13.9	SW /20.1%
5	臺東海域(W)	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%
6	屏東海域(Z)	744(100%)	6.4	1.6/N	14.9/NE	21.0	43.3	34.5	1.2	41.9	5.4	23.0	29.7	NE /19.8%
7	高雄海域(Z)	738(99%)	3.2	.4/WSW	8.7/N	53.9	44.3	1.8	.0	14.9	28.5	23.3	33.3	W /11.4%
8	嘉南海域(B)	738(99%)	3.2	1.1/SW	10.0/N	54.9	43.6	1.5	.0	8.3	32.4	34.1	25.2	S /14.9%
9	中雲海域(I)	732(98%)	4.2	1.7/SSW	12.7/SSW	41.1	51.5	7.4	.0	23.2	23.1	40.6	13.1	S /27.6%
10	澎湖海域(W)	692(93%)	3.0	.7/WSW	9.5/N	64.6	34.4	1.0	.0	16.3	20.2	38.4	25.0	SSW/21.4%
11	金門海域(W)	737(99%)	4.4	1.2/SE	10.7/NNE	32.7	61.2	6.1	.0	32.7	34.1	29.7	3.5	SSE/22.7%
12	馬祖海域(W)	675(91%)	3.4	.2/NNE	16.9/W	50.8	47.4	1.5	.3	3.1	45.9	10.8	40.1	NNW/25.9%

表6.8b 2018年7月12個海域主要測站2修補後風速及風向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	風速 平均值 (m/s)	平均風 風速/風向 (m/s)/(來向)	最疾風 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	北苗海域(Y)	744(100%)	5.5	2.5/WSW	13.6/NW	34.0	39.9	26.1	.0	16.9	13.4	49.7	19.9	SW /20.0%
2	北端海域(Y)	744(100%)	3.7	1.9/S	13.1/SSW	57.3	32.8	9.9	.0	11.3	36.8	40.5	11.4	S /20.7%
3	宜蘭海域(Y)	744(100%)	3.5	1.9/S	12.0/S	55.2	38.3	6.5	.0	9.3	47.6	14.8	28.4	S /23.9%
4	花蓮海域(Y)	744(100%)	2.3	.5/S	8.0/NE	83.5	16.3	.3	.0	17.7	26.7	41.4	14.1	SW /19.5%
5	臺東海域(W)	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%
6	屏東海域(Z)	744(100%)	6.4	1.6/N	14.9/NE	21.1	43.1	34.5	1.2	41.9	5.4	23.0	29.7	NE /19.8%
7	高雄海域(Z)	744(100%)	3.2	.4/WSW	8.7/N	54.2	44.1	1.7	.0	15.2	28.4	23.3	33.2	W /11.2%
8	嘉南海域(B)	744(100%)	3.2	1.1/SW	10.0/N	54.8	43.7	1.5	.0	8.2	32.4	34.0	25.4	SSE/14.9%
9	中雲海域(I)	744(100%)	4.3	1.7/SSW	12.7/SSW	41.0	51.3	7.7	.0	23.3	22.8	40.9	13.0	S /27.3%
10	澎湖海域(W)	744(100%)	3.0	.7/WSW	9.5/N	64.7	34.4	.9	.0	16.3	19.8	38.7	25.3	SSW/21.1%
11	金門海域(W)	744(100%)	4.4	1.2/SE	10.7/NNE	32.5	61.4	6.0	.0	32.4	33.9	30.1	3.6	SSE/22.7%
12	馬祖海域(W)	744(100%)	3.4	.2/NE	22.1/S	53.0	44.6	1.9	.5	6.7	44.8	11.0	37.5	NNW/24.2%

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表6.9a 2018年8月12個海域主要測站2修補前風速及風向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	風速 平均值 (m/s)	平均風 風速/風向 (m/s)/(來向)	最疾風 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	北苗海域(Y)	691(93%)	4.8	2.1/WSW	11.5/SW	36.2	43.8	20.0	.0	16.9	19.4	49.9	13.7	SW /21.3%
2	北端海域(Y)	597(80%)	3.9	1.9/S	12.0/SSW	52.1	38.0	9.9	.0	12.6	32.7	39.4	15.4	SSW/15.1%
3	宜蘭海域(Y)	732(98%)	3.4	1.7/SSE	13.4/SSE	62.8	28.4	8.7	.0	13.8	42.6	11.9	31.7	SSE/20.2%
4	花蓮海域(Y)	629(85%)	2.6	.7/S	7.2/S	79.3	20.7	.0	.0	22.4	21.0	46.4	10.2	SW /21.5%
5	臺東海域(W)	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%
6	屏東海域(Z)	743(100%)	5.7	3.1/WSW	18.1/WSW	21.3	58.1	19.1	1.5	18.0	5.5	36.9	39.6	WNW/18.7%
7	高雄海域(Z)	738(99%)	4.2	2.0/SSE	14.5/W	40.7	50.3	8.7	.4	13.6	46.3	26.3	13.8	SSE/13.7%
8	嘉南海域(B)	728(98%)	3.8	2.3/S	12.0/WNW	45.5	49.6	4.9	.0	6.2	44.0	34.3	15.5	SSE/26.9%
9	中雲海域(I)	725(97%)	5.0	3.6/SSW	15.0/S	33.7	47.9	18.3	.1	14.1	28.6	47.3	10.1	S /41.1%
10	澎湖海域(W)	698(94%)	3.0	1.2/SSW	12.5/WNW	67.8	29.2	3.0	.0	7.4	40.8	34.0	17.8	SSE/19.6%
11	金門海域(W)	727(98%)	3.6	2.0/SSE	12.4/WSW	49.9	47.5	2.6	.0	22.6	47.6	25.9	4.0	SSE/23.0%
12	馬祖海域(W)	702(94%)	2.6	.6/ESE	8.1/NNW	70.8	29.1	.1	.0	12.1	44.4	10.0	33.5	SE /23.8%

表6.9b 2018年8月12個海域主要測站2修補後風速及風向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	風速	平均風	最疾風	輕風	和風	強風	疾風	風向	風向	風向	風向	主要風向 方向/百分比	
			平均值	風速/風向	風速/風向	<3.3	~7.9	~13.8	>13.8	N~E	E~S	S~W	W~N		
			(m/s)	(m/s)/(來向)	(m/s)/(來向)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)		
1	北苗海域(Y)	744(100%)	4.7	2.1/WSW	11.5/SW	39.4	41.9	18.7	.0	17.1	18.4	50.8	13.7	SW /21.0%	
2	北端海域(Y)	744(100%)	3.5	1.7/S	12.0/SSW	61.3	30.8	7.9	.0	11.0	29.0	45.3	14.7	SSW/18.3%	
3	宜蘭海域(Y)	744(100%)	3.5	1.8/SSE	13.4/SSE	62.4	28.4	9.3	.0	13.7	43.4	11.7	31.2	SSE/20.7%	
4	花蓮海域(Y)	744(100%)	2.4	.6/S	7.2/S	82.1	17.9	.0	.0	19.9	21.2	47.6	11.3	SW /21.5%	
5	臺東海域(W)	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%	
6	屏東海域(Z)	744(100%)	5.7	3.1/WSW	18.1/WSW	21.6	57.8	19.1	1.5	18.0	5.5	36.8	39.7	WNW/18.7%	
7	高雄海域(Z)	744(100%)	4.2	2.0/SSE	14.5/W	40.7	50.3	8.6	.4	13.4	46.4	26.3	13.8	ESE/13.6%	
8	嘉南海域(B)	744(100%)	3.8	2.3/S	12.0/WNW	46.0	49.2	4.8	.0	6.0	44.1	34.5	15.3	SSE/26.3%	
9	中雲海域(I)	744(100%)	5.0	3.5/SSW	15.0/S	34.0	47.4	18.4	.1	14.1	28.8	46.9	10.2	S /41.1%	
10	澎湖海域(W)	744(100%)	3.0	1.2/SSW	12.5/WNW	67.5	29.7	2.8	.0	7.4	41.0	33.9	17.7	SSE/19.9%	
11	金門海域(W)	744(100%)	3.5	2.0/SSE	12.4/WSW	50.9	46.5	2.6	.0	22.7	46.9	26.5	3.9	SSE/22.7%	
12	馬祖海域(W)	744(100%)	2.6	.6/SE	8.1/NNW	69.9	30.0	.1	.0	12.0	44.0	11.8	32.3	SE /22.7%	

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表6.10a 2018年9月12個海域主要測站2修補前風速及風向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	風速 平均值 (m/s)	平均風 風速/風向 (m/s)/(來向)	最疾風 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	北苗海域(Y)	627(87%)	6.3	3.2/NE	16.9/NE	33.3	29.8	33.5	3.3	47.0	10.0	28.1	14.8	NE /27.8%
2	北端海域(Y)	580(81%)	5.1	1.1/NE	13.1/NE	32.8	47.8	19.5	.0	35.9	23.1	32.1	9.0	N /17.1%
3	宜蘭海域(Y)	719(100%)	4.6	.4/SE	14.8/SE	38.2	47.1	14.5	.1	13.9	38.4	11.1	36.6	SSE/15.4%
4	花蓮海域(Y)	610(85%)	3.3	.5/NE	13.2/NNE	67.2	25.7	7.0	.0	27.0	20.5	41.8	10.7	SW /20.7%
5	臺東海域(W)	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%
6	屏東海域(Z)	720(100%)	6.1	4.2/NE	18.4/ENE	26.3	46.0	23.9	3.9	66.9	8.5	2.1	22.5	NE /40.1%
7	高雄海域(Z)	708(98%)	3.7	2.1/NNW	13.8/N	53.1	37.6	9.2	.1	29.5	12.3	12.9	45.3	NNW/17.4%
8	嘉南海域(B)	711(99%)	4.4	3.2/NNW	13.4/N	48.7	35.7	15.6	.0	26.4	9.6	16.2	47.8	N /23.9%
9	中雲海域(I)	705(98%)	6.4	4.6/NNE	18.0/NE	39.4	28.7	15.7	16.2	59.0	6.4	22.7	11.9	NNE/36.0%
10	澎湖海域(W)	677(94%)	5.0	3.7/NNE	12.7/N	43.3	29.1	27.6	.0	55.2	7.7	20.4	16.7	NNE/39.4%
11	金門海域(W)	706(98%)	4.5	2.2/NE	17.2/NNE	34.6	55.9	8.9	.6	59.2	22.9	13.9	4.0	NNE/27.5%
12	馬祖海域(W)	637(89%)	3.9	2.6/NNW	11.2/NNW	43.6	48.0	8.3	.0	8.5	18.1	4.2	69.2	NNW/45.8%

表 6.10b 2018 年 9 月 12 個海域主要測站 2 修補後風速及風向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	風速 平均值 (m/s)	平均風 風速/風向 (m/s)/(來向)	最疾風 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	北苗海域(Y)	720(100%)	6.2	3.3/NE	16.9/NE	34.0	29.4	33.6	2.9	45.7	14.6	25.4	14.3	NE /25.0%
2	北端海域(Y)	720(100%)	4.8	.8/ENE	13.1/NE	38.2	43.9	17.9	.0	30.1	28.1	33.2	8.6	SSW/14.4%
3	宜蘭海域(Y)	720(100%)	4.6	.4/SE	14.8/SE	38.2	47.2	14.4	.1	13.9	38.3	11.1	36.7	SSE/15.4%
4	花蓮海域(Y)	720(100%)	3.1	.4/NE	13.2/NNE	68.6	25.4	6.0	.0	26.0	19.9	42.1	12.1	SW /20.7%
5	臺東海域(W)	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%
6	屏東海域(Z)	720(100%)	6.1	4.2/NE	18.4/ENE	26.3	46.0	23.9	3.9	66.8	8.6	2.1	22.5	NE /40.1%
7	高雄海域(Z)	720(100%)	3.7	2.1/NNW	13.8/N	53.8	37.1	9.0	.1	30.0	12.2	13.2	44.6	NNW/17.1%
8	嘉南海域(B)	720(100%)	4.4	3.1/NNW	13.4/N	48.9	35.4	15.7	.0	26.4	9.4	16.7	47.5	N /23.8%
9	中雲海域(I)	720(100%)	6.4	4.6/NNE	18.0/NE	39.2	28.6	15.8	16.4	59.0	6.7	22.5	11.8	NNE/35.8%
10	澎湖海域(W)	720(100%)	5.0	3.7/NNE	12.7/N	43.6	28.9	27.5	.0	55.3	8.1	19.9	16.8	NNE/39.2%
11	金門海域(W)	720(100%)	4.5	2.2/NE	17.2/NNE	34.7	55.7	9.0	.6	59.0	23.1	14.0	3.9	NNE/27.6%
12	馬祖海域(W)	720(100%)	4.2	2.8/NNW	11.2/NNW	40.1	48.6	11.3	.0	16.0	16.4	5.1	62.5	NNW/41.1%

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表6.11a 2018年10月12個海域主要測站2修補前風速及風向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	風速 平均值 (m/s)	平均風 風速/風向 (m/s)/(來向)	最疾風 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	北苗海域(Y)	736(99%)	8.8	8.4/NE	18.2/ENE	7.7	27.2	59.1	6.0	92.1	4.9	.7	2.3	NE /66.8%
2	北端海域(Y)	691(93%)	5.4	4.5/NNE	11.6/N	18.1	69.9	12.0	.0	76.8	1.4	6.1	15.6	NE /29.2%
3	宜蘭海域(Y)	744(100%)	4.8	3.3/NNW	11.0/NW	24.5	64.9	10.6	.0	28.2	3.6	5.6	62.5	WNW/28.8%
4	花蓮海域(Y)	727(98%)	4.4	2.7/NNE	13.2/NE	49.4	33.8	16.8	.0	47.0	3.7	30.3	19.0	NNE/26.7%
5	臺東海域(W)	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%
6	屏東海域(Z)	744(100%)	8.6	8.0/NE	19.0/NE	12.4	38.0	32.5	17.1	87.4	.3	1.6	10.8	NE /66.8%
7	高雄海域(Z)	733(99%)	4.0	3.4/N	12.7/N	43.5	50.6	5.9	.0	40.9	3.7	5.3	50.1	N /31.5%
8	嘉南海域(B)	736(99%)	5.3	4.9/N	13.8/N	21.2	66.2	12.5	.1	46.6	1.0	.3	52.2	N /42.0%
9	中雲海域(I)	728(98%)	9.5	9.4/NE	18.5/NE	5.8	27.2	54.5	12.5	98.5	.0	.7	.8	NNE/52.5%
10	澎湖海域(W)	702(94%)	7.4	7.2/NNE	13.4/NNE	5.6	53.0	41.5	.0	91.9	.1	.3	7.7	NNE/74.1%
11	金門海域(W)	737(99%)	5.4	4.9/NNE	13.2/N	20.5	65.1	14.4	.0	90.6	3.8	2.6	3.0	NNE/46.1%
12	馬祖海域(W)	12(2%)	1.2	.7/NW	2.1/WNW	100.0	.0	.0	.0	16.7	16.7	8.3	58.3	WNW/25.0%

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表6.11b 2018年10月12個海域主要測站2修補後風速及風向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	風速 平均值 (m/s)	平均風 風速/風向 (m/s)/(來向)	最疾風 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	北苗海域(Y)	744(100%)	8.7	8.4/NE	18.2/ENE	8.6	27.0	58.5	5.9	91.8	5.0	.9	2.3	NE /66.5%
2	北端海域(Y)	744(100%)	5.1	4.2/NNE	11.6/N	23.0	65.9	11.2	.0	73.8	1.5	7.8	16.9	NE /27.4%
3	宜蘭海域(Y)	744(100%)	4.8	3.3/NNW	11.0/NW	24.5	64.9	10.6	.0	28.2	3.6	5.6	62.5	WNW/28.8%
4	花蓮海域(Y)	744(100%)	4.4	2.6/NNE	13.2/NE	50.3	33.3	16.4	.0	46.4	4.0	30.4	19.2	NNE/26.2%
5	臺東海域(W)	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%
6	屏東海域(Z)	744(100%)	8.6	8.0/NE	19.0/NE	12.4	38.0	32.5	17.1	87.4	.3	1.6	10.8	NE /66.8%
7	高雄海域(Z)	744(100%)	4.0	3.4/N	12.7/N	43.3	50.9	5.8	.0	40.7	3.6	5.4	50.3	N /31.9%
8	嘉南海域(B)	744(100%)	5.3	4.9/N	13.8/N	21.4	66.1	12.4	.1	46.5	1.1	.3	52.2	N /42.1%
9	中雲海域(I)	744(100%)	9.5	9.4/NE	18.5/NE	5.8	26.7	54.8	12.6	98.5	.0	.7	.8	NNE/52.0%
10	澎湖海域(W)	744(100%)	7.4	7.2/NNE	13.4/NNE	5.2	53.8	41.0	.0	91.8	.1	.3	7.8	NNE/74.2%
11	金門海域(W)	744(100%)	5.4	4.9/NNE	13.2/N	20.4	64.9	14.7	.0	90.6	3.9	2.6	3.0	NNE/46.2%
12	馬祖海域(W)	744(100%)	4.4	4.2/NNE	6.8/NNE	20.6	79.4	.0	.0	92.1	2.7	.7	4.6	NNE/62.0%

表6.12a 2018年11月12個海域主要測站2修補前風速及風向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	風速 平均值 (m/s)	平均風 風速/風向 (m/s)/(來向)	最疾風 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	北苗海域(Y)	651(90%)	7.0	6.3/NE	17.7/NE	20.9	37.9	35.0	6.1	79.4	9.4	4.8	6.5	NE /53.8%
2	北端海域(Y)	637(89%)	4.5	2.2/NE	10.7/NE	33.1	58.4	8.5	.0	48.5	12.1	23.1	16.3	N /16.5%
3	宜蘭海域(Y)	720(100%)	4.0	1.5/NNW	11.6/NNE	46.0	46.4	7.6	.0	26.3	14.7	10.3	48.8	WNW/24.4%
4	花蓮海域(Y)	633(88%)	3.7	1.5/N	13.0/NE	59.1	33.2	7.7	.0	36.2	5.8	38.9	19.1	SW /22.3%
5	臺東海域(W)	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%
6	屏東海域(Z)	720(100%)	9.3	9.1/NE	20.9/NE	5.1	28.6	57.2	9.0	97.1	.6	.1	2.2	NE /71.3%
7	高雄海域(Z)	714(99%)	4.1	3.8/N	10.7/NNE	35.0	61.1	3.9	.0	48.2	.7	1.4	49.7	N /37.3%
8	嘉南海域(B)	708(98%)	4.7	4.2/N	11.5/N	31.4	60.2	8.5	.0	49.2	3.2	1.6	46.0	N /38.3%
9	中雲海域(I)	709(99%)	7.6	7.4/NE	19.6/NNE	14.4	38.9	38.8	7.9	93.9	2.3	1.1	2.7	NNE/50.4%
10	澎湖海域(W)	692(96%)	6.4	6.2/NNE	14.1/NNE	10.4	64.5	24.4	.7	89.5	1.2	.0	9.4	NNE/66.3%
11	金門海域(W)	646(90%)	4.7	4.3/NNE	15.3/N	32.4	57.9	9.4	.3	86.5	5.9	1.7	5.9	NNE/46.1%
12	馬祖海域(W)	237(33%)	3.8	3.5/NNW	7.8/NNW	49.4	50.6	.0	.0	4.2	1.3	1.7	92.8	NNW/58.6%

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表6.12b 2018年11月12個海域主要測站2修補後風速及風向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	風速 平均值 (m/s)	平均風 風速/風向 (m/s)/(來向)	最疾風 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	北苗海域(Y)	720(100%)	6.8	6.1/NE	17.7/NE	22.9	38.2	33.3	5.6	78.2	9.4	4.6	7.8	NE /51.0%
2	北端海域(Y)	720(100%)	4.3	2.1/NE	10.7/NE	36.5	56.0	7.5	.0	47.1	12.6	23.1	17.2	N /16.1%
3	宜蘭海域(Y)	720(100%)	4.0	1.5/NNW	11.6/NNE	46.0	46.4	7.6	.0	26.3	14.7	10.3	48.8	WNW/24.4%
4	花蓮海域(Y)	720(100%)	3.5	1.4/N	13.0/NE	62.5	30.6	6.9	.0	34.3	6.7	38.5	20.6	SW /20.6%
5	臺東海域(W)	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%
6	屏東海域(Z)	720(100%)	9.3	9.1/NE	20.9/NE	5.1	28.6	57.4	8.9	97.1	.6	.1	2.2	NE /71.3%
7	高雄海域(Z)	720(100%)	4.1	3.8/N	10.7/NNE	35.1	61.0	3.9	.0	48.2	.7	1.4	49.7	N /37.1%
8	嘉南海域(B)	720(100%)	4.6	4.2/N	11.5/N	31.4	60.3	8.3	.0	49.3	3.2	1.5	46.0	N /38.3%
9	中雲海域(I)	720(100%)	7.5	7.4/NE	19.6/NNE	14.9	39.0	38.3	7.8	93.8	2.2	1.1	2.9	NNE/50.4%
10	澎湖海域(W)	720(100%)	6.4	6.2/NNE	14.1/NNE	10.7	64.4	24.2	.7	89.6	1.3	.0	9.2	NNE/65.8%
11	金門海域(W)	720(100%)	4.7	4.3/NNE	15.3/N	30.4	60.7	8.6	.3	87.9	5.3	1.5	5.3	NNE/43.9%
12	馬祖海域(W)	720(100%)	4.0	3.7/N	7.8/NNW	29.2	70.8	.0	.0	66.4	1.5	.8	31.3	NNE/41.1%

表 6.13a 2018 年冬季 12 個海域主要測站 2 修補前風速及風向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	風速 平均值 (m/s)	平均風 風速/風向 (m/s)/(來向)	最疾風 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	北苗海域(Y)	2081(96%)	9.4	8.8/NE	17.9/NE	11.7	20.8	53.2	14.3	86.6	5.7	4.1	3.6	NE /61.7%
2	北端海域(Y)	1195(55%)	6.5	3.9/NE	13.0/N	10.8	60.0	29.2	.0	61.9	15.4	12.4	10.3	NNE/20.2%
3	宜蘭海域(Y)	2160(100%)	4.9	2.8/NNW	13.4/NNE	28.8	57.9	13.3	.0	24.2	6.6	7.3	61.9	WNW/33.6%
4	花蓮海域(Y)	2049(95%)	4.9	3.1/NE	16.2/NE	49.0	27.6	22.7	.7	53.4	3.4	30.8	12.4	NE /36.2%
5	臺東海域(W)	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%
6	屏東海域(Z)													
7	高雄海域(Z)	2144(99%)	5.7	5.3/N	13.0/N	12.7	70.1	17.3	.0	49.2	1.4	1.1	48.3	N /50.7%
8	嘉南海域(B)	1543(71%)	6.2	5.8/N	13.8/N	16.9	54.8	28.3	.0	52.8	1.9	1.0	44.3	N /55.3%
9	中雲海域(I)	2135(99%)	10.4	10.2/NE	22.0/NE	7.4	24.0	40.5	28.1	96.8	1.5	1.0	.7	NE /61.6%
10	澎湖海域(W)	1346(62%)	7.2	7.0/NNE	13.2/NNE	10.3	45.3	44.4	.0	91.9	1.4	.1	6.6	NNE/73.9%
11	金門海域(W)	1827(85%)	5.5	5.1/NNE	14.0/NNE	22.6	59.0	18.4	.1	88.1	3.5	1.9	6.5	NNE/49.7%
12	馬祖海域(W)													

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表 6.13b 2018 年冬季 12 個海域主要測站 2 修補後風速及風向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	風速	平均風	最疾風	輕風	和風	強風	疾風	風向	風向	風向	風向	主要風向 方向/百分比
			平均值 (m/s)	風速/風向 (m/s)/(來向)	風速/風向 (m/s)/(來向)	<3.3 (%)	~7.9 (%)	~13.8 (%)	>13.8 (%)	N~E (%)	E~S (%)	S~W (%)	W~N (%)	
1	北苗海域(Y)	2160(100%)	9.3	8.6/NE	17.9/NE	12.3	22.1	52.0	13.7	86.3	5.9	4.1	3.7	NE /60.3%
2	北端海域(Y)	2160(100%)	5.6	3.7/NE	13.0/N	23.6	54.5	21.9	.0	62.7	14.7	9.3	13.3	NNE/20.1%
3	宜蘭海域(Y)	2160(100%)	4.9	2.8/NNW	13.4/NNE	28.8	57.9	13.3	.0	24.2	6.6	7.3	61.9	WNW/33.6%
4	花蓮海域(Y)	2160(100%)	4.8	3.0/NE	16.2/NE	51.0	26.6	21.7	.7	51.9	4.1	30.9	13.1	NE /34.5%
5	臺東海域(W)	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%
6	屏東海域(Z)	2160(100%)	11.2	10.9/NE	19.6/NE	4.5	17.0	49.7	28.8	95.3	.9	.2	3.6	NE /80.3%
7	高雄海域(Z)	2160(100%)	5.7	5.3/N	13.0/N	13.0	69.8	17.2	.0	49.2	1.4	1.1	48.4	N /50.6%
8	嘉南海域(B)	2160(100%)	6.6	6.3/N	16.7/N	13.4	53.3	33.0	.3	50.9	1.7	1.0	46.4	N /58.6%
9	中雲海域(I)	2160(100%)	10.4	10.2/NE	22.0/NE	7.5	23.8	40.6	28.1	96.7	1.5	1.1	.7	NE /61.7%
10	澎湖海域(W)	2160(100%)	8.2	8.0/NNE	14.8/NE	7.1	34.8	57.4	.7	94.5	1.0	.0	4.4	NNE/57.2%
11	金門海域(W)	2160(100%)	5.6	5.2/NNE	14.0/NNE	20.8	60.6	18.5	.0	88.9	3.4	1.8	5.9	NNE/53.1%
12	馬祖海域(W)	2160(100%)	4.2	4.1/NNE	7.1/N	23.2	76.8	.0	.0	91.0	3.8	.3	5.0	NNE/50.4%

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表6.14a 2018年春季12個海域主要測站2修補前風速及風向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	風速 平均值 (m/s)	平均風 風速/風向 (m/s)/(來向)	最疾風 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	北苗海域(Y)	1801(82%)	5.7	2.2/NNE	15.5/NE	33.9	36.4	27.8	1.8	45.1	15.7	24.9	14.3	NE /22.4%
2	北端海域(Y)	1624(74%)	4.4	.7/ESE	11.6/N	37.0	54.2	8.7	.0	32.0	27.0	34.2	6.8	SSW/15.9%
3	宜蘭海域(Y)	2208(100%)	3.8	.2/SW	13.2/NNE	53.4	37.8	8.7	.0	21.2	22.6	17.8	38.4	S /18.2%
4	花蓮海域(Y)	1748(79%)	3.4	.6/E	14.9/NE	66.4	26.0	7.3	.3	27.9	19.1	40.9	12.2	SW /18.0%
5	臺東海域(W)	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%
6	屏東海域(Z)													
7	高雄海域(Z)	2123(96%)	3.7	1.7/NNW	13.0/N	48.0	46.7	5.3	.0	24.8	12.0	19.1	44.1	NNW/15.5%
8	嘉南海域(B)	1534(70%)	3.8	2.1/NNW	14.3/N	51.7	41.1	7.1	.1	27.2	8.9	23.9	40.0	NW /17.1%
9	中雲海域(I)	2070(94%)	5.2	2.8/NE	20.2/ENE	40.0	36.6	18.4	5.0	56.3	5.8	26.0	11.9	NE /27.7%
10	澎湖海域(W)	2025(92%)	4.0	2.4/NNE	13.6/NNE	49.3	39.9	10.8	.0	48.6	11.4	18.4	21.6	NNE/30.3%
11	金門海域(W)	1921(87%)	4.0	1.6/ENE	15.6/NE	42.4	51.4	6.1	.1	48.7	33.7	11.2	6.4	NNE/23.9%
12	馬祖海域(W)	1940(88%)	3.1	.9/N	9.4/NNW	57.2	41.9	1.0	.0	9.8	29.6	8.2	52.4	NNW/29.6%

表6.14b 2018年春季12個海域主要測站2修補後風速及風向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	風速 平均值 (m/s)	平均風 風速/風向 (m/s)/(來向)	最疾風 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	北苗海域(Y)	2208(100%)	5.3	1.9/NNE	15.5/NE	39.1	34.9	24.5	1.5	43.5	17.7	23.2	15.7	NE /19.4%
2	北端海域(Y)	2208(100%)	3.8	.6/ESE	11.6/N	48.7	44.6	6.7	.0	29.4	24.8	35.9	9.9	SSW/16.7%
3	宜蘭海域(Y)	2208(100%)	3.8	.2/SW	13.2/NNE	53.5	37.8	8.7	.0	21.3	22.6	17.8	38.3	S /18.2%
4	花蓮海域(Y)	2208(100%)	3.1	.4/E	14.9/NE	70.9	23.0	5.8	.3	25.0	20.6	40.8	13.6	SW /17.0%
5	臺東海域(W)	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%
6	屏東海域(Z)	2208(100%)	6.7	4.9/NE	17.5/NE	22.2	39.9	34.1	3.8	65.7	13.4	9.6	11.3	NE /34.0%
7	高雄海域(Z)	2208(100%)	3.7	1.7/NNW	13.0/N	48.0	46.7	5.3	.0	24.7	11.9	19.0	44.4	NNW/15.9%
8	嘉南海域(B)	2208(100%)	3.9	2.3/NNW	16.9/N	49.4	42.8	7.4	.5	28.2	8.7	22.6	40.5	N /17.8%
9	中雲海域(I)	2208(100%)	5.2	2.8/NE	20.2/ENE	39.9	36.9	18.5	4.8	55.9	5.6	26.9	11.5	NE /27.3%
10	澎湖海域(W)	2208(100%)	4.0	2.5/NNE	13.6/NNE	49.5	39.9	10.6	.0	49.0	11.3	18.0	21.6	NNE/30.5%
11	金門海域(W)	2208(100%)	4.0	1.5/ENE	15.6/NE	43.2	50.9	5.8	.0	47.8	33.3	12.6	6.3	NNE/23.5%
12	馬祖海域(W)	2208(100%)	3.1	1.0/N	9.4/NNW	58.9	40.2	1.0	.0	15.8	28.5	7.3	48.4	NNW/27.7%

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表6.15a 2018年夏季12個海域主要測站2修補前風速及風向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	風速 平均值	平均風 風速/風向	最疾風 風速/風向	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
			(m/s)	(m/s)/(來向)	(m/s)/(來向)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	
1	北苗海域(Y)	2031(92%)	5.6	1.3/WSW	13.6/NE	30.8	42.1	27.1	.0	27.7	15.2	44.9	12.3	SW /18.6%
2	北端海域(Y)	1711(78%)	3.9	1.3/S	13.1/SSW	50.3	41.0	8.7	.0	19.4	28.2	36.8	15.6	S /14.5%
3	宜蘭海域(Y)	2194(99%)	3.5	1.1/SSE	13.4/SSE	58.9	33.8	7.2	.0	16.9	37.8	13.2	32.1	S /15.5%
4	花蓮海域(Y)	1778(81%)	2.7	.4/SSE	10.0/NE	76.9	21.8	1.3	.0	25.4	21.9	41.1	11.6	SW /20.1%
5	臺東海域(W)	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%
6	屏東海域(Z)													
7	高雄海域(Z)	2187(99%)	3.8	.9/S	14.5/W	47.1	46.9	5.8	.1	13.9	36.2	23.8	26.1	ESE/10.4%
8	嘉南海域(B)	2181(99%)	3.7	1.1/SSW	12.4/NNW	48.0	48.0	4.0	.0	10.6	33.9	31.7	23.8	SSE/17.7%
9	中雲海域(I)	2147(97%)	5.0	1.5/S	18.8/NNE	35.9	46.9	16.4	.7	27.1	22.7	40.1	10.2	S /30.9%
10	澎湖海域(W)	2070(94%)	3.3	.1/W	12.5/WNW	60.1	35.9	4.0	.0	21.9	28.3	31.0	18.8	SSW/15.7%
11	金門海域(W)	1665(75%)	4.0	1.8/SSE	12.4/WSW	40.0	55.7	4.3	.0	24.4	43.0	28.9	3.7	SSE/25.9%
12	馬祖海域(W)	1859(84%)	3.1	.3/ENE	16.9/W	56.9	42.2	.8	.1	7.8	43.0	9.4	39.8	SE /23.6%

表6.15b 2018年夏季12個海域主要測站2修補後風速及風向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	風速 平均值 (m/s)	平均風 風速/風向 (m/s)/(來向)	最疾風 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	北苗海域(Y)	2208(100%)	5.4	1.3/WSW	13.6/NE	33.2	41.1	25.7	.0	26.5	14.7	46.1	12.7	SW /18.2%
2	北端海域(Y)	2208(100%)	3.3	1.1/S	13.1/SSW	61.0	32.3	6.7	.0	17.5	27.9	40.0	14.7	SSW/16.9%
3	宜蘭海域(Y)	2208(100%)	3.5	1.1/SSE	13.4/SSE	58.9	33.7	7.4	.0	16.8	38.0	13.1	32.0	S /15.4%
4	花蓮海域(Y)	2208(100%)	2.4	.4/SSE	10.0/NE	81.3	17.7	1.0	.0	24.0	21.2	41.7	13.1	SW /19.1%
5	臺東海域(W)	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%
6	屏東海域(Z)	2208(100%)	6.0	1.3/WNW	18.1/WSW	20.7	52.4	26.0	1.0	34.1	5.3	30.8	29.7	NE /18.7%
7	高雄海域(Z)	2208(100%)	3.8	.9/S	14.5/W	47.5	46.6	5.8	.1	14.1	36.1	23.8	26.1	ESE/10.3%
8	嘉南海域(B)	2208(100%)	3.7	1.1/SSW	12.4/NNW	48.2	47.8	4.0	.0	10.5	33.9	31.8	23.8	SSE/17.6%
9	中雲海域(I)	2208(100%)	4.9	1.5/S	18.8/NNE	36.2	46.6	16.5	.7	27.2	22.6	40.1	10.2	S /30.7%
10	澎湖海域(W)	2208(100%)	3.3	.1/WSW	12.5/WNW	60.1	36.1	3.8	.0	21.8	28.2	31.2	18.8	SSW/15.5%
11	金門海域(W)	2208(100%)	4.0	1.5/SE	12.4/WSW	37.1	59.6	3.3	.0	36.3	35.0	25.8	2.9	SSE/20.1%
12	馬祖海域(W)	2208(100%)	3.2	.3/ENE	22.1/S	55.6	43.3	.9	.2	14.7	38.9	11.9	34.5	SE /20.2%

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表 6.16a 2018年秋季12個海域主要測站2修補前風速及風向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	風速 平均值 (m/s)	平均風 風速/風向 (m/s)/(來向)	最疾風 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	北苗海域(Y)	2014(92%)	7.4	6.1/NE	18.2/ENE	20.0	31.5	43.3	5.2	74.0	7.9	10.5	7.5	NE /50.4%
2	北端海域(Y)	1908(87%)	5.0	2.7/NNE	13.1/NE	27.6	59.3	13.1	.0	54.9	11.6	19.7	13.8	NE /17.9%
3	宜蘭海域(Y)	2183(100%)	4.5	1.5/NNW	14.8/SE	36.1	53.0	10.9	.0	22.9	18.7	9.0	49.4	WNW/22.0%
4	花蓮海域(Y)	1970(90%)	3.8	1.6/NNE	13.2/NNE	58.0	31.1	10.9	.0	37.4	9.6	36.6	16.4	NNE/19.3%
5	臺東海域(W)	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%
6	屏東海域(Z)													
7	高雄海域(Z)	2155(99%)	3.9	3.1/N	13.8/N	43.9	49.8	6.3	.0	39.6	5.5	6.5	48.4	N /27.4%
8	嘉南海域(B)	2155(99%)	4.8	4.1/N	13.8/N	33.6	54.2	12.2	.0	40.8	4.5	5.9	48.7	N /34.8%
9	中雲海域(I)	2142(98%)	7.8	7.1/NNE	19.6/NNE	19.7	31.6	36.6	12.2	84.0	2.8	8.1	5.1	NNE/46.4%
10	澎湖海域(W)	2071(95%)	6.3	5.7/NNE	14.1/NNE	19.5	49.0	31.2	.2	79.1	2.9	6.8	11.2	NNE/60.2%
11	金門海域(W)	2089(96%)	4.9	3.8/NNE	17.2/NNE	28.9	59.8	11.0	.3	78.7	10.9	6.1	4.2	NNE/39.8%
12	馬祖海域(W)	886(41%)	3.9	2.8/NNW	11.2/NNW	45.9	48.1	6.0	.0	7.4	13.5	3.6	75.4	NNW/48.9%

表 6.16b 2018年秋季12個海域主要測站2修補後風速及風向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	風速 平均值 (m/s)	平均風 風速/風向 (m/s)/(來向)	最疾風 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	北苗海域(Y)	2184(100%)	7.3	5.9/NE	18.2/ENE	21.7	31.5	42.0	4.8	72.1	9.6	10.2	8.1	NE /47.7%
2	北端海域(Y)	2184(100%)	4.7	2.3/NE	13.1/NE	32.5	55.4	12.2	.0	50.6	13.9	21.2	14.3	NNE/16.5%
3	宜蘭海域(Y)	2184(100%)	4.5	1.5/NNW	14.8/SE	36.1	53.0	10.9	.0	22.8	18.7	9.0	49.5	WNW/22.1%
4	花蓮海域(Y)	2184(100%)	3.7	1.5/NNE	13.2/NNE	60.3	29.8	9.8	.0	35.7	10.1	36.9	17.3	SW /18.5%
5	臺東海域(W)	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%
6	屏東海域(Z)	2184(100%)	8.0	7.1/NE	20.9/NE	14.6	37.5	37.9	10.0	83.8	3.1	1.3	11.8	NE /59.5%
7	高雄海域(Z)	2184(100%)	3.9	3.1/N	13.8/N	44.0	49.7	6.2	.0	39.7	5.5	6.6	48.2	N /27.5%
8	嘉南海域(B)	2184(100%)	4.8	4.1/N	13.8/N	33.7	54.1	12.1	.0	40.8	4.5	6.1	48.6	N /34.8%
9	中雲海域(I)	2184(100%)	7.8	7.1/NNE	19.6/NNE	19.8	31.4	36.5	12.3	83.9	2.9	8.0	5.1	NNE/46.2%
10	澎湖海域(W)	2184(100%)	6.3	5.7/NNE	14.1/NNE	19.7	49.1	31.0	.2	79.0	3.1	6.6	11.2	NNE/59.9%
11	金門海域(W)	2184(100%)	4.9	3.8/NNE	17.2/NNE	28.4	60.5	10.8	.3	79.3	10.7	6.0	4.0	NNE/39.3%
12	馬祖海域(W)	2184(100%)	4.2	3.5/N	11.2/NNW	29.9	66.4	3.7	.0	58.5	6.8	2.2	32.5	NNE/35.9%

表 6.17a 2018 年整年 12 個海域主要測站 2 修補前風速及風向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	風速	平均風	最疾風	輕風	和風	強風	疾風	風向	風向	風向	風向	主要風向 方向/百分比
			平均值 (m/s)	風速/風向 (m/s)/(來向)	風速/風向 (m/s)/(來向)	<3.3 (%)	~7.9 (%)	~13.8 (%)	>13.8 (%)	N~E (%)	E~S (%)	S~W (%)	W~N (%)	
1	北苗海域(Y)	7927(91%)	7.1	4.1/NE	18.2/ENE	23.8	32.5	38.2	5.5	58.9	11.0	20.9	9.3	NE /36.5%
2	北端海域(Y)	6438(74%)	4.8	1.4/NE	13.1/SSW	32.9	53.3	13.8	.0	41.0	20.6	26.5	11.9	NNE/13.5%
3	宜蘭海域(Y)	8745(100%)	4.1	.8/NNW	14.8/SE	44.4	45.6	10.0	.0	21.3	21.5	11.9	45.4	WNW/20.8%
4	花蓮海域(Y)	7545(86%)	3.8	1.3/NE	16.2/NE	62.0	26.8	11.0	.3	36.7	13.0	37.1	13.2	NE /18.0%
5	臺東海域(W)	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%
6	屏東海域(Z)													
7	高雄海域(Z)	8609(98%)	4.3	2.2/N	14.5/W	37.9	53.4	8.7	.0	31.8	13.9	12.6	41.7	N /23.7%
8	嘉南海域(B)	7413(85%)	4.5	2.6/NNW	14.3/N	38.1	49.8	12.1	.0	31.6	13.5	16.2	38.7	N /26.2%
9	中雲海域(I)	8494(97%)	7.1	4.7/NE	22.0/NE	25.7	34.8	28.0	11.5	66.1	8.2	18.8	6.9	NE /32.3%
10	澎湖海域(W)	7512(86%)	5.0	3.5/NNE	14.1/NNE	37.1	42.3	20.6	.1	57.4	11.9	15.4	15.3	NNE/41.1%
11	金門海域(W)	7502(86%)	4.6	2.3/NE	17.2/NNE	33.3	56.6	10.1	.1	61.3	22.1	11.5	5.2	NNE/31.6%
12	馬祖海域(W)	4685(54%)	3.2	.9/N	16.9/W	54.9	43.2	1.9	.0	8.6	31.9	7.8	51.7	NNW/30.4%

表6.17b 2018年整年12個海域主要測站2修補後風速及風向重要統計量統計表

序 號	海域名稱 (測站)	觀測 點數	風速 平均值 (m/s)	平均風 風速/風向 (m/s)/(來向)	最疾風 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	北苗海域(Y)	8760(100%)	6.8	3.8/NE	18.2/ENE	26.7	32.5	35.9	4.9	56.9	12.0	21.0	10.1	NE /33.9%
2	北端海域(Y)	8760(100%)	4.3	1.3/NE	13.1/SSW	41.5	46.6	11.8	.0	39.9	20.4	26.7	13.0	NNE/13.2%
3	宜蘭海域(Y)	8760(100%)	4.1	.8/NNW	14.8/SE	44.4	45.5	10.1	.0	21.3	21.6	11.8	45.3	WNW/20.8%
4	花蓮海域(Y)	8760(100%)	3.5	1.1/NE	16.2/NE	66.0	24.3	9.5	.2	34.0	14.1	37.6	14.3	SW /17.0%
5	臺東海域(W)	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%
6	屏東海域(Z)	8760(100%)	7.9	5.6/NE	20.9/NE	15.6	36.8	36.8	10.8	69.6	5.7	10.5	14.2	NE /47.9%
7	高雄海域(Z)	8760(100%)	4.3	2.2/N	14.5/W	38.2	53.1	8.6	.0	31.8	13.8	12.7	41.7	N /23.6%
8	嘉南海域(B)	8760(100%)	4.7	2.9/NNW	16.9/N	36.3	49.4	14.0	.2	32.5	12.3	15.5	39.8	N /28.9%
9	中雲海域(I)	8760(100%)	7.1	4.7/NE	22.0/NE	25.9	34.7	27.9	11.4	65.7	8.2	19.2	6.9	NE /32.0%
10	澎湖海域(W)	8760(100%)	5.4	4.0/NNE	14.8/NE	34.3	39.9	25.5	.2	60.9	11.0	14.1	14.1	NNE/39.5%
11	金門海域(W)	8760(100%)	4.6	2.4/NE	17.2/NNE	32.5	57.9	9.6	.1	62.9	20.7	11.6	4.8	NNE/31.4%
12	馬祖海域(W)	8760(100%)	3.7	2.2/NNE	22.1/S	42.0	56.5	1.4	.0	44.7	19.6	5.5	30.2	NNE/24.9%

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第七章 2018 年 12 海域風力主要測站 2 修補前後資料歷線比較圖

(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)

(馬祖海域)

Twelve Seas Wind Speed at 2017/12

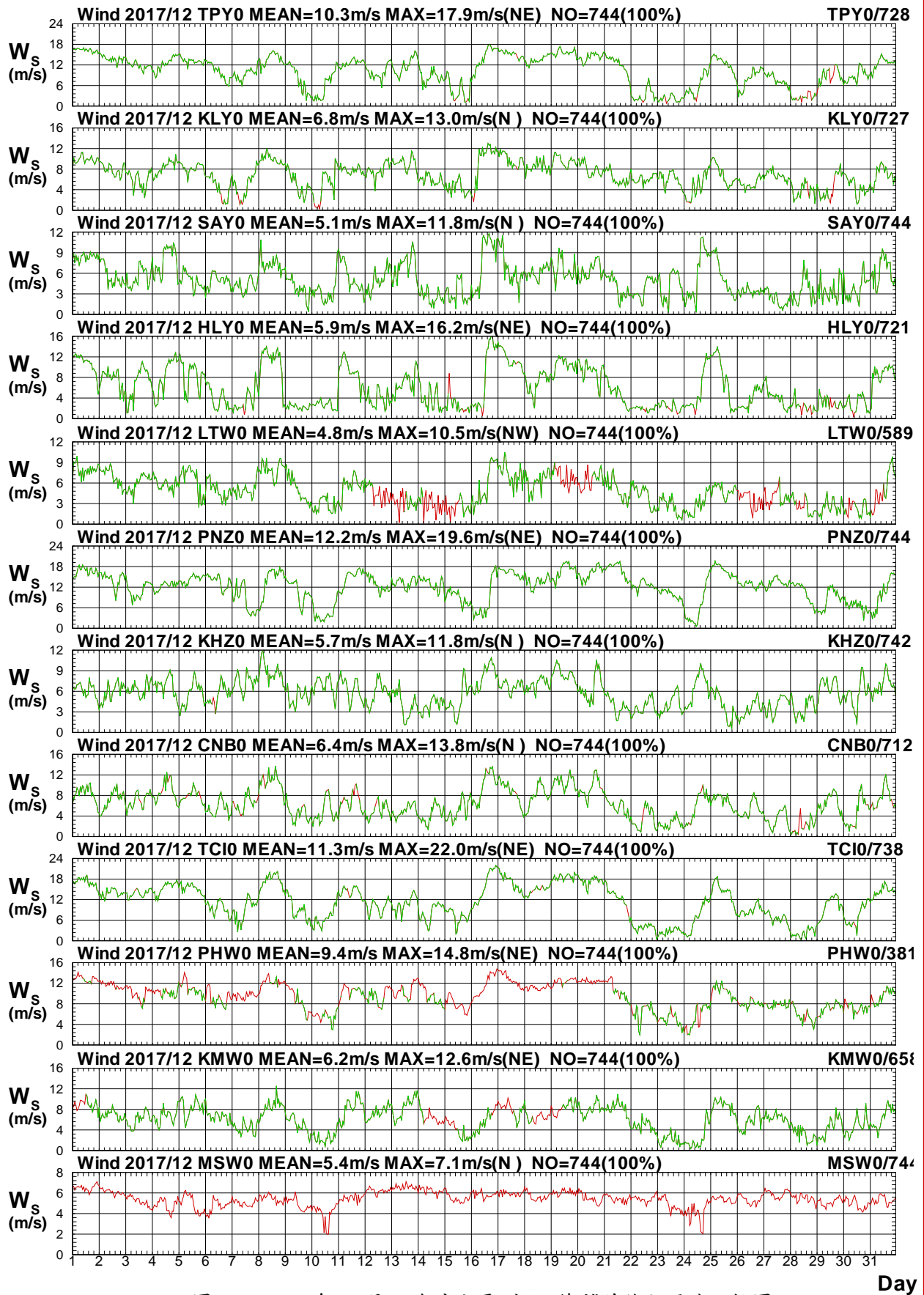


圖7.1 2017年12月12海域主要測站2修補前後之風速比較圖

W17CTPY0.1HA W17CTPY0.1H0 W17CKLY0.1HA W17CKLY0.1H0 W17CSAY0.1HA W17CSAY0.1H0
 W17CHLY0.1HA W17CHLY0.1H0 W17CLTW0.1HA W17CLTW0.1H0 W17CPNZ0.1HA W17CPNZ0.1H0

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Twelve Seas Wind Direction at 2017/12

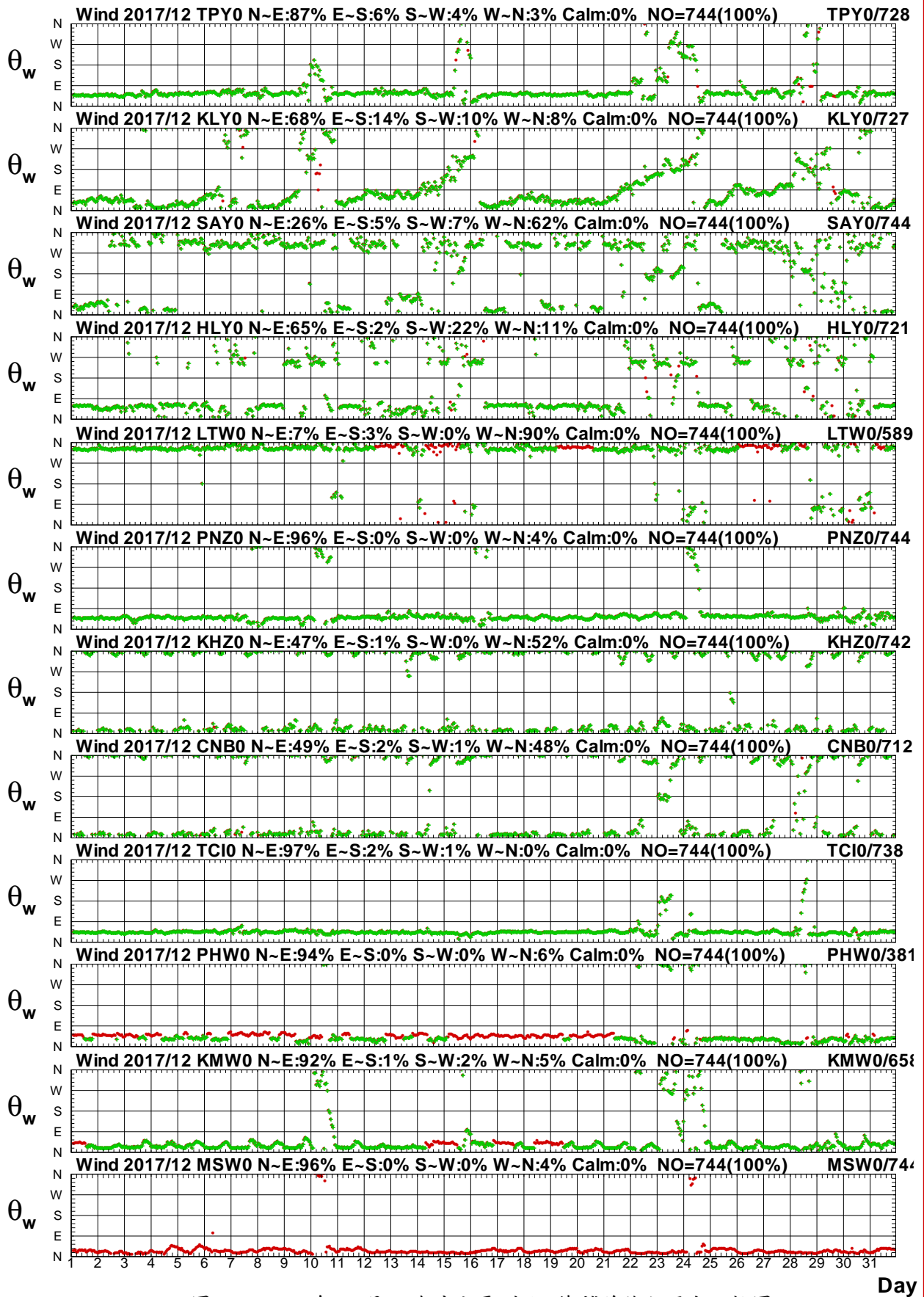


圖7.2 2017年12月12海域主要測站2修補前後之風向比較圖

W17CTPY0.1HA W17CTPY0.1H0 W17CKLY0.1HA W17CKLY0.1H0 W17CSAY0.1HA W17CSAY0.1H0
 W17CHLY0.1HA W17CHLY0.1H0 W17CLTW0.1HA W17CLTW0.1H0 W17CPNZ0.1HA W17CPNZ0.1H0

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Twelve Seas E-component of Wind at 2017/12

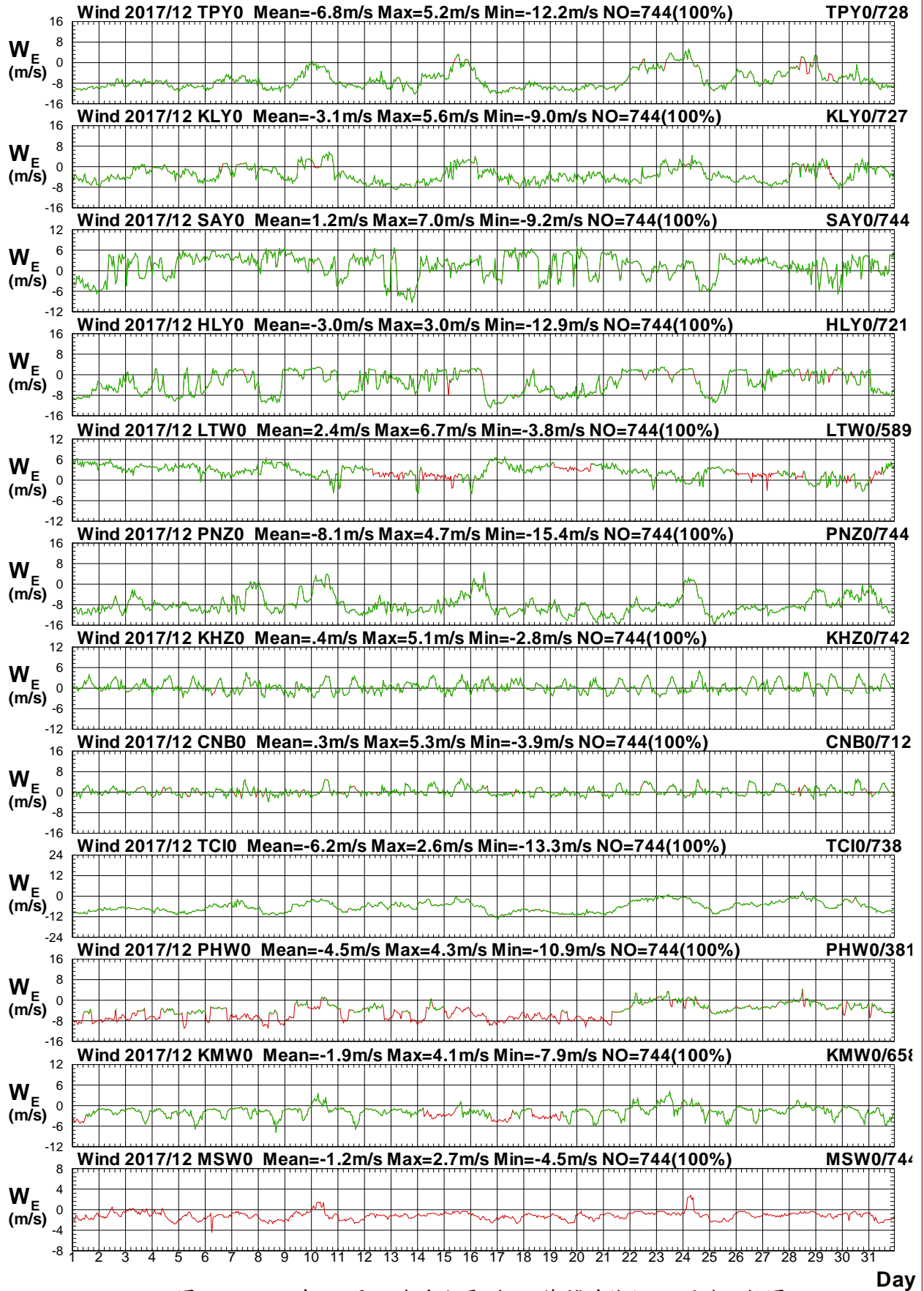


圖 7.3 2017年12月12海域主要測站2修補前後之 E-風速比較圖

W17CTPY0.1HA W17CTPY0.1H0 W17CKLY0.1HA W17CKLY0.1H0 W17CSAY0.1HA W17CSAY0.1H0
 W17CHLY0.1HA W17CHLY0.1H0 W17CLTW0.1HA W17CLTW0.1H0 W17CPNZ0.1HA W17CPNZ0.1H0

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Twelve Seas N-component of Wind at 2017/12

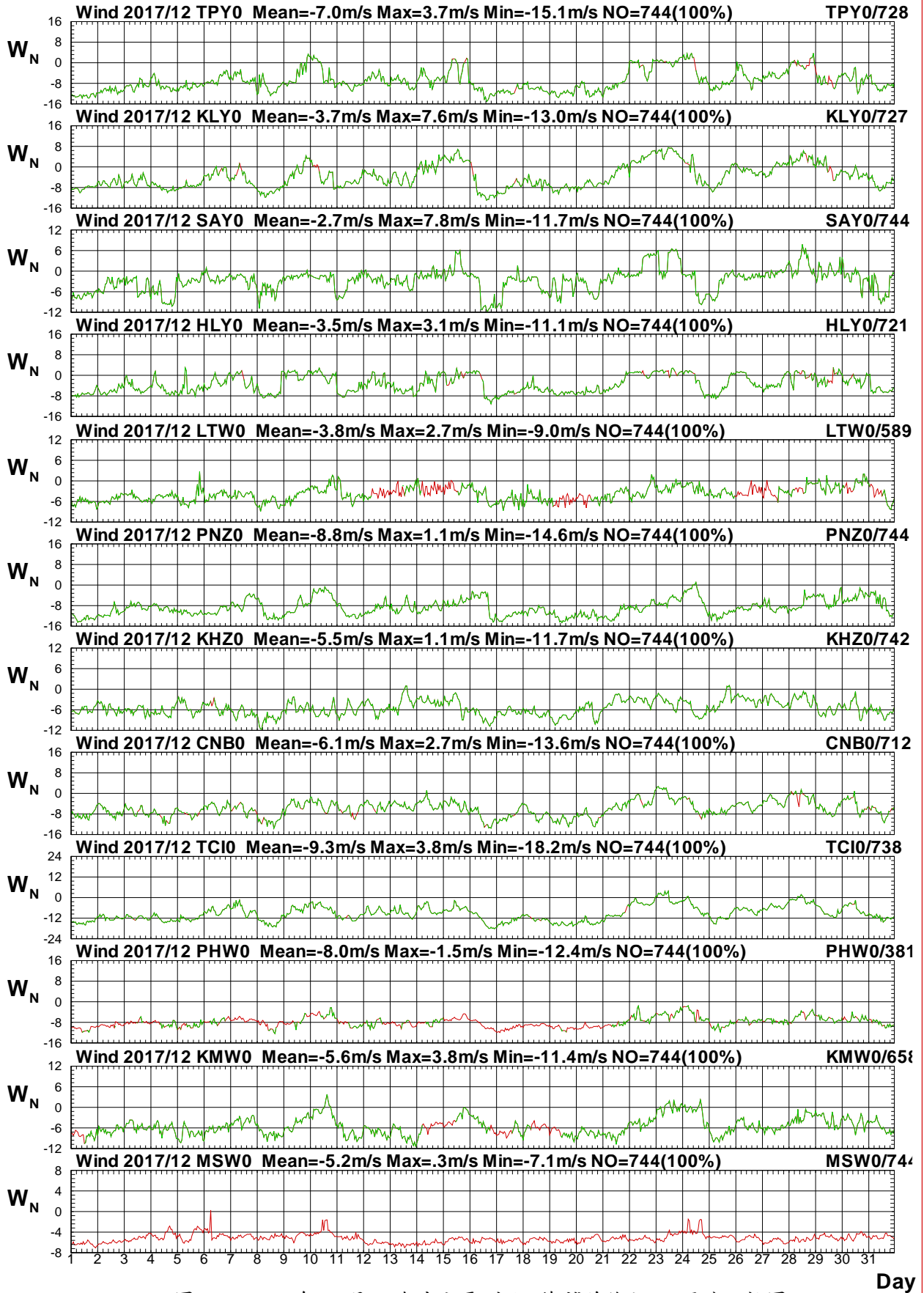


圖7.4 2017年12月12海域主要測站2修補前後之 N-風速比較圖

W17CTPY0.1HA W17CTPY0.1H0 W17CKLY0.1HA W17CKLY0.1H0 W17CSAY0.1HA W17CSAY0.1H0
 W17CHLY0.1HA W17CHLY0.1H0 W17CLTW0.1HA W17CLTW0.1H0 W17CPNZ0.1HA W17CPNZ0.1H0

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Twelve Seas Wind Speed at 2018/01

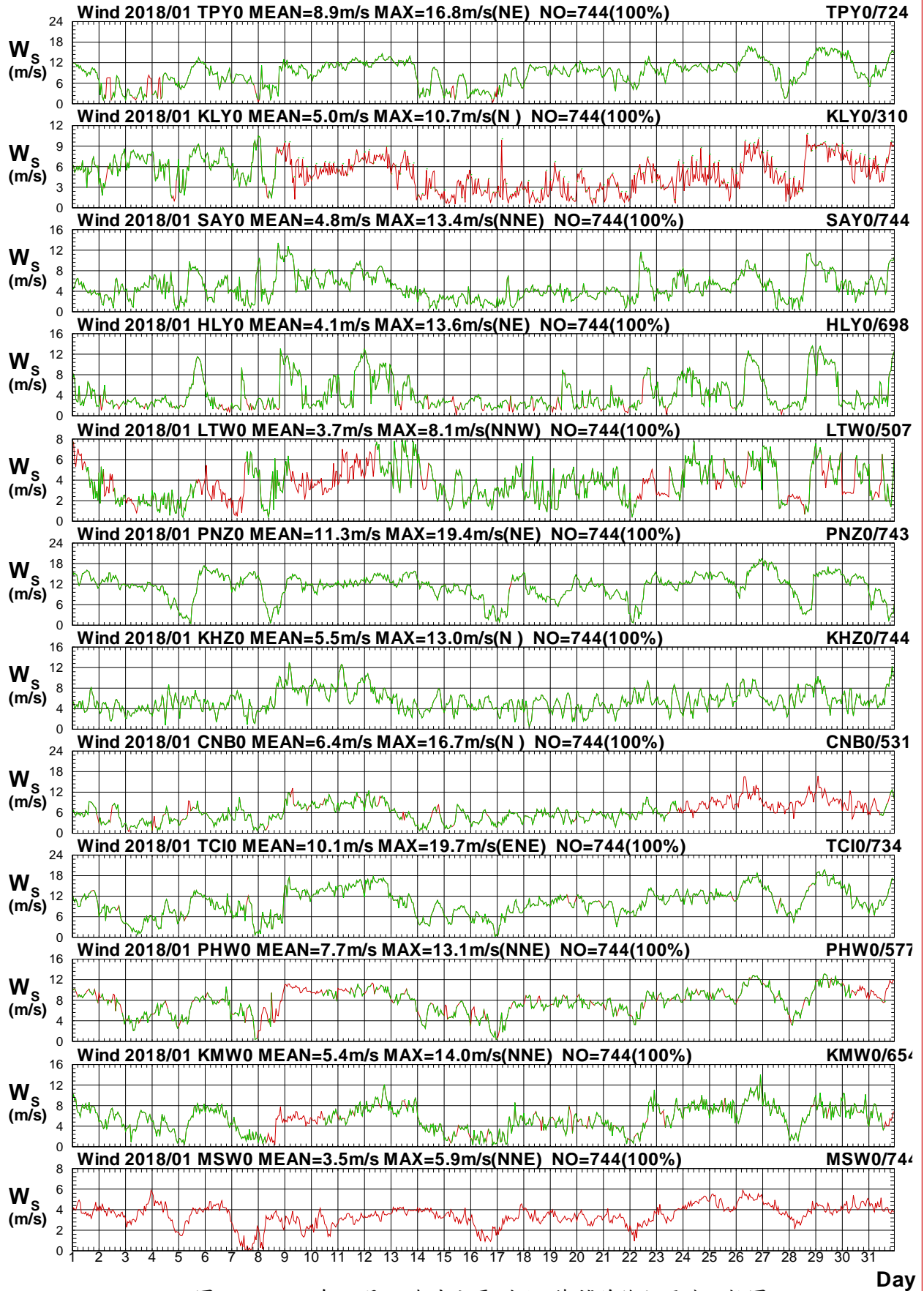


圖7.5 2018年1月12海域主要測站2修補前後之風速比較圖

W181TPY0.1HA W181TPY0.1HO W181KLY0.1HA W181KLY0.1HO W181SAY0.1HA W181SAY0.1HO
 W181HLY0.1HA W181HLY0.1HO W181LTW0.1HA W181LTW0.1HO W181PNZ0.1HA W181PNZ0.1HO

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Twelve Seas Wind Direction at 2018/01

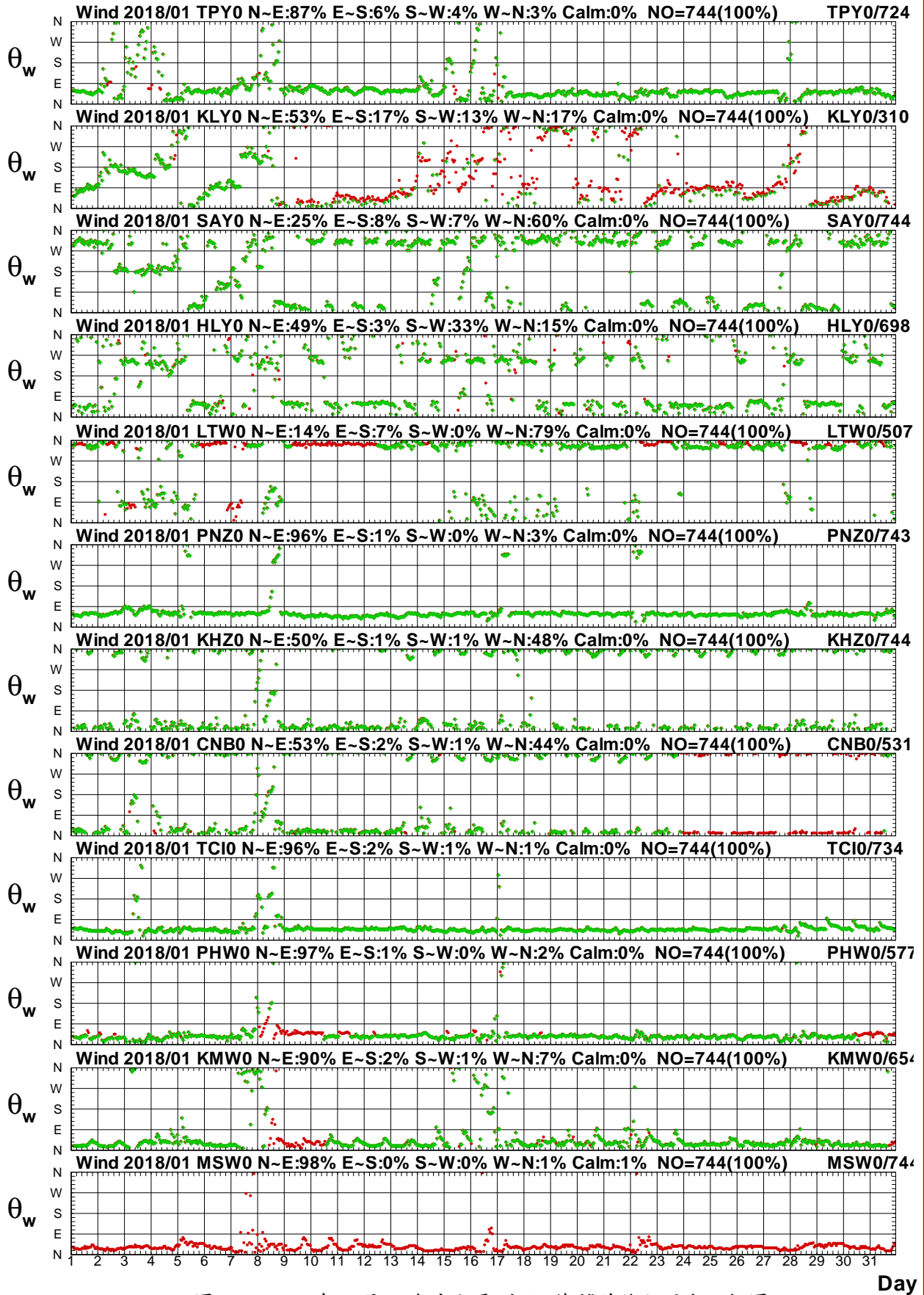


圖7.6 2018年1月12海域主要測站2修補前後之風向比較圖

W181TPY0.1HA W181TPY0.1HO W181KLY0.1HA W181KLY0.1HO W181SAY0.1HA W181SAY0.1HO
 W181HLY0.1HA W181HLY0.1HO W181LTW0.1HA W181LTW0.1HO W181PNZ0.1HA W181PNZ0.1HO

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Twelve Seas E-component of Wind at 2018/01

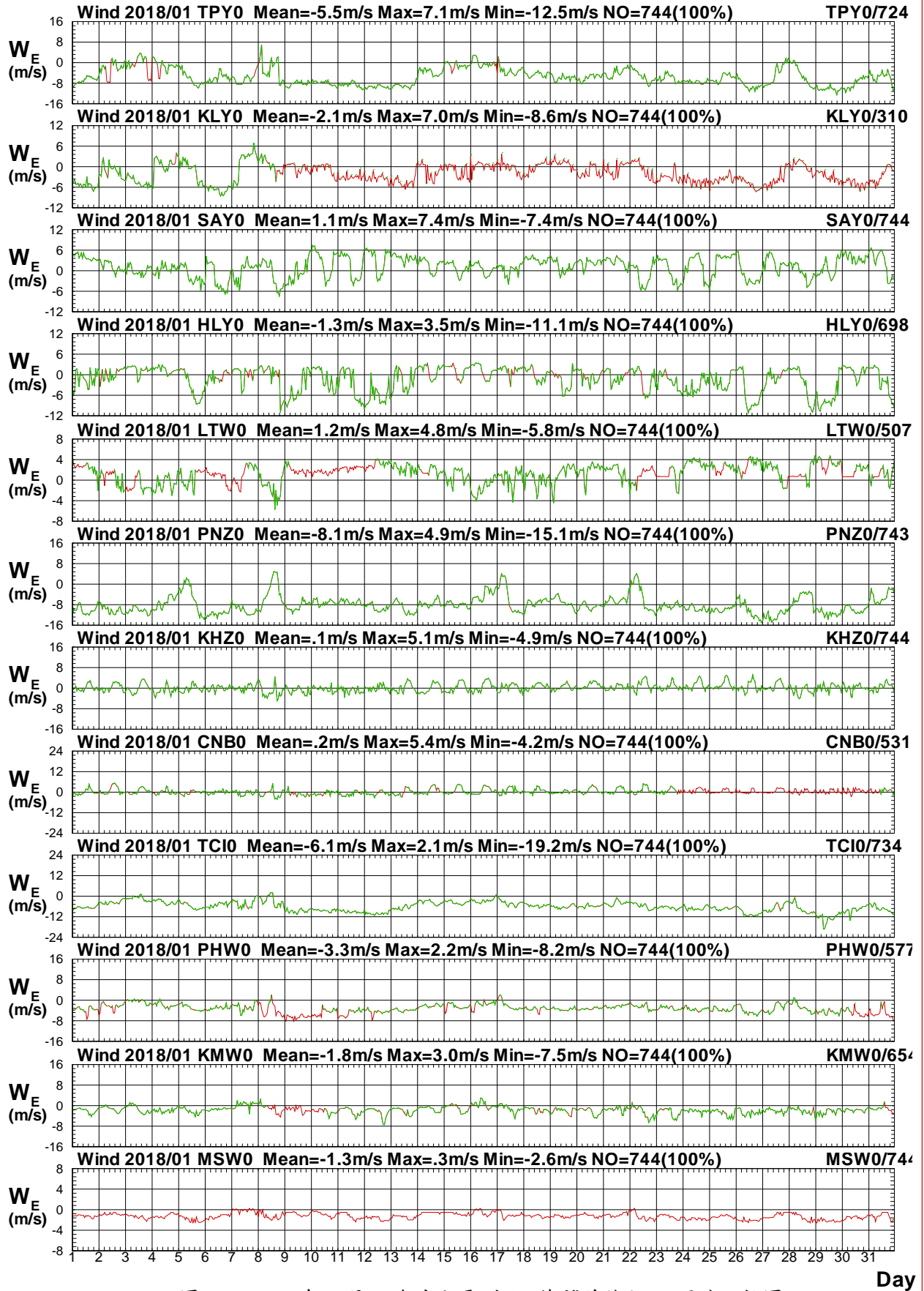


圖 7.7 2018 年 1 月 12 海域主要測站 2 修補前後之 E-風速比較圖

W181TPY0.1HA W181TPY0.1HO W181KLY0.1HA W181KLY0.1HO W181SAY0.1HA W181SAY0.1HO
 W181HLY0.1HA W181HLY0.1HO W181LTW0.1HA W181LTW0.1HO W181PNZ0.1HA W181PNZ0.1HO

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Twelve Seas N-component of Wind at 2018/01

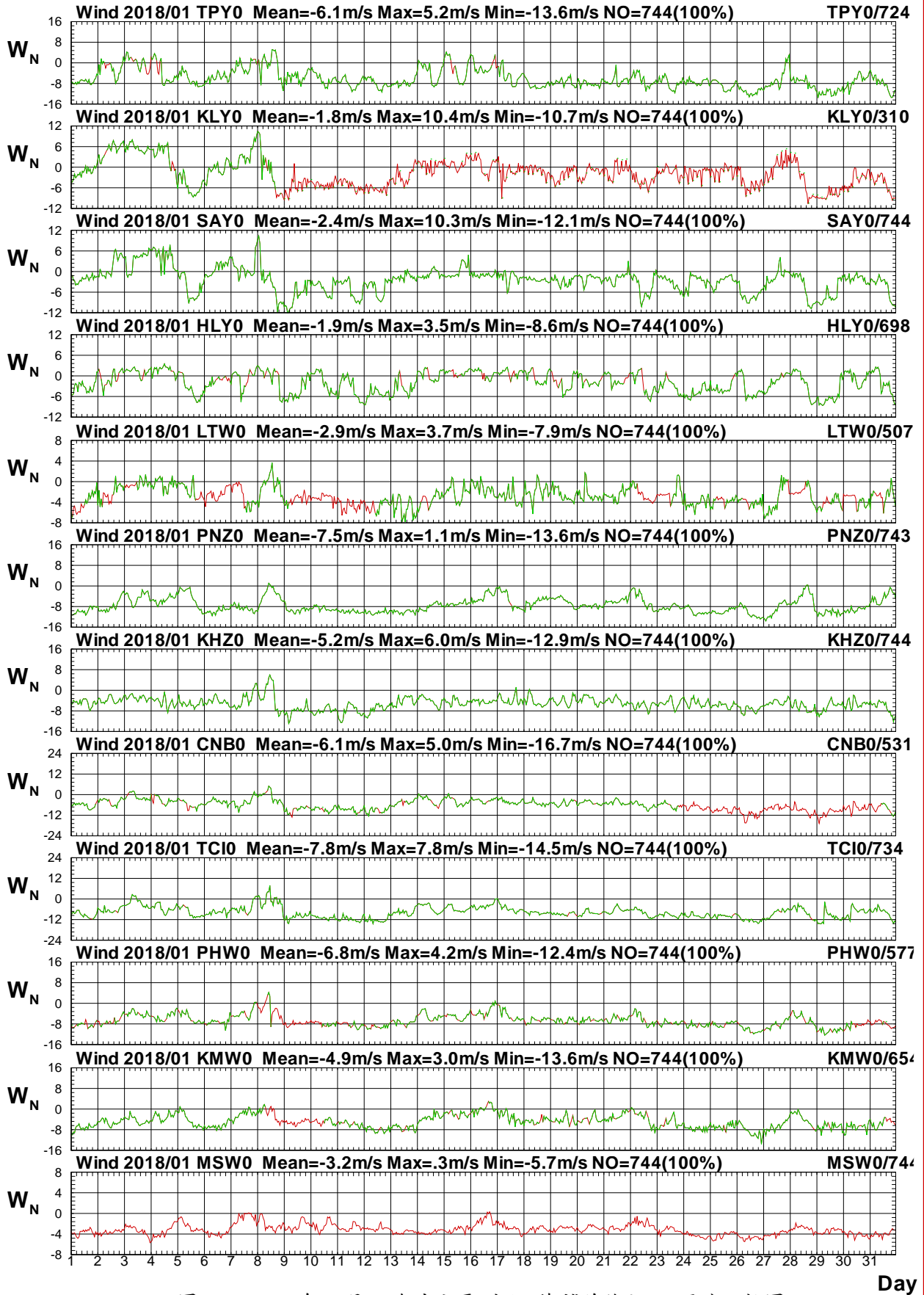


圖 7.8 2018 年 1 月 12 海域主要測站 2 修補前後之 N-風速比較圖

W181TPY0.1HA W181TPY0.1HO W181KLY0.1HA W181KLY0.1HO W181SAY0.1HA W181SAY0.1HO
 W181HLY0.1HA W181HLY0.1HO W181LTW0.1HA W181LTW0.1HO W181PNZ0.1HA W181PNZ0.1HO

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Twelve Seas Wind Speed at 2018/02

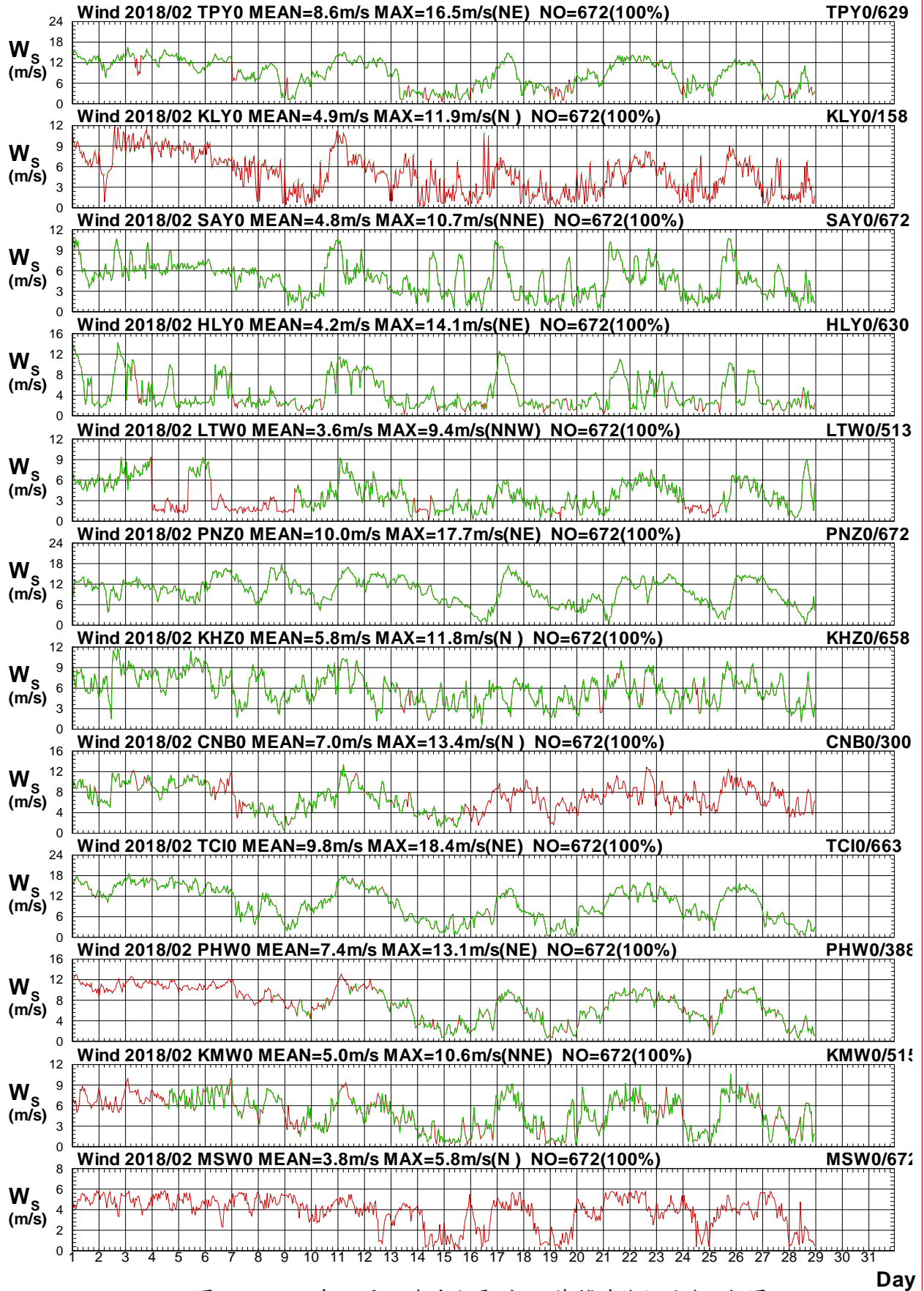


圖7.9 2018年2月12海域主要測站2修補前後之風速比較圖

W182TPY0.1HA W182TPY0.1HO W182KLY0.1HA W182KLY0.1HO W182SAY0.1HA W182SAY0.1HO
 W182HLY0.1HA W182HLY0.1HO W182LTW0.1HA W182LTW0.1HO W182PNZ0.1HA W182PNZ0.1HO

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Twelve Seas Wind Direction at 2018/02

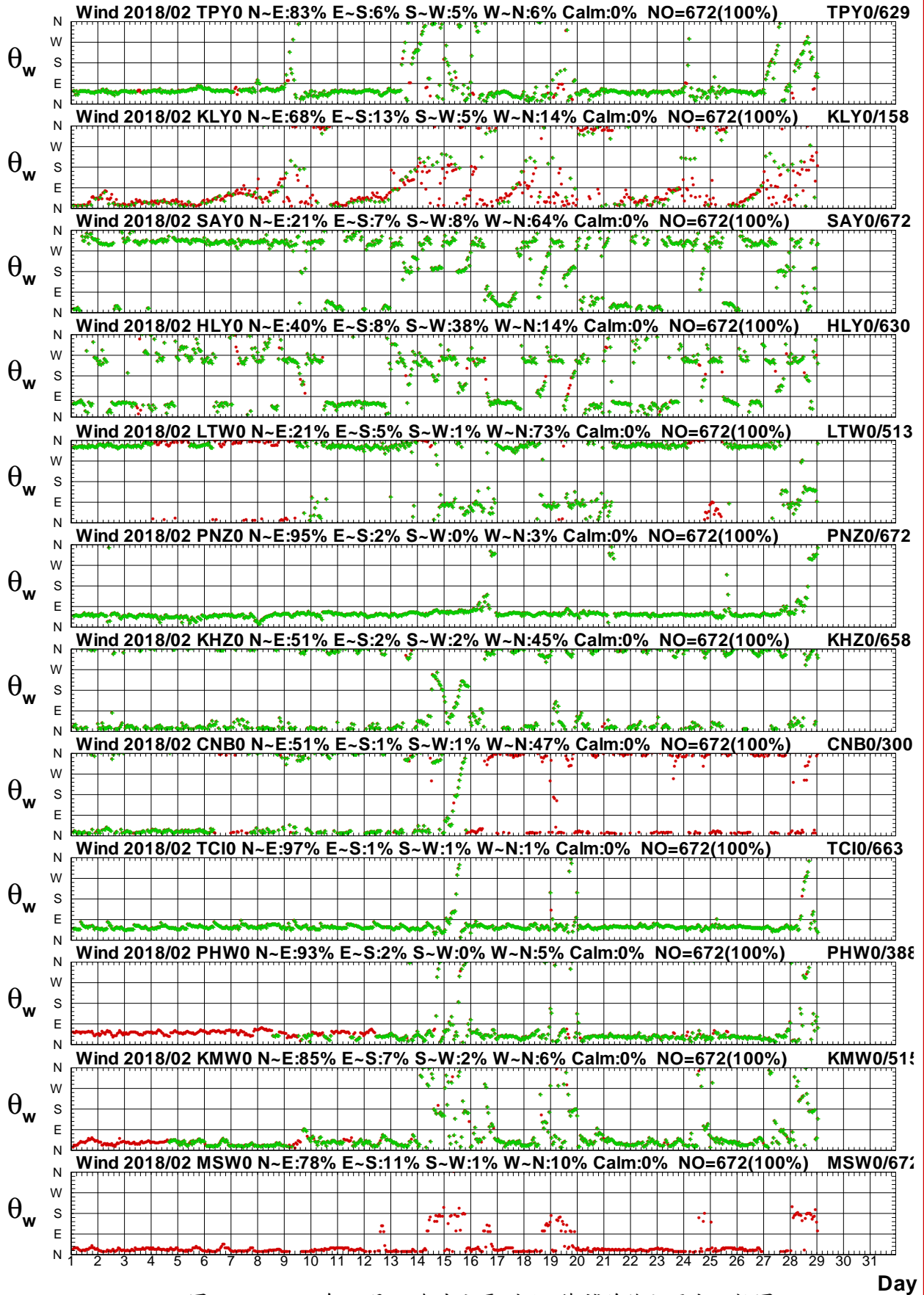


圖7.10 2018年2月12海域主要測站2修補前後之風向比較圖

W182TPY0.1HA W182TPY0.1HO W182KLY0.1HA W182KLY0.1HO W182SAY0.1HA W182SAY0.1HO
 W182HLY0.1HA W182HLY0.1HO W182LTW0.1HA W182LTW0.1HO W182PNZ0.1HA W182PNZ0.1HO

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Twelve Seas E-component of Wind at 2018/02

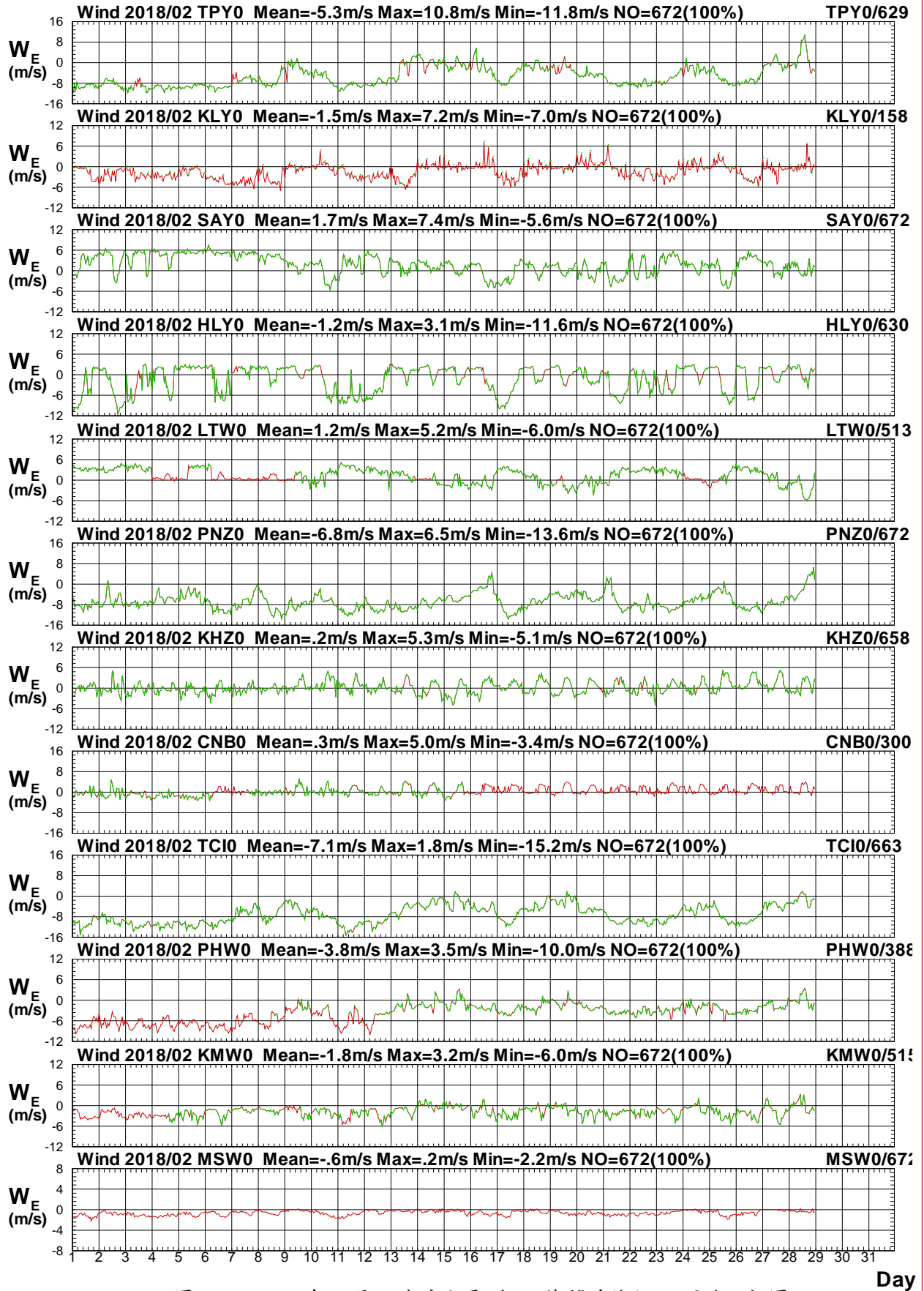


圖 7.11 2018 年 2 月 12 海域主要測站 2 修補前後之 E-風速比較圖

W182TPY0.1HA W182TPY0.1HO W182KLY0.1HA W182KLY0.1HO W182SAY0.1HA W182SAY0.1HO
 W182HLY0.1HA W182HLY0.1HO W182LTW0.1HA W182LTW0.1HO W182PNZ0.1HA W182PNZ0.1HO

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Twelve Seas N-component of Wind at 2018/02

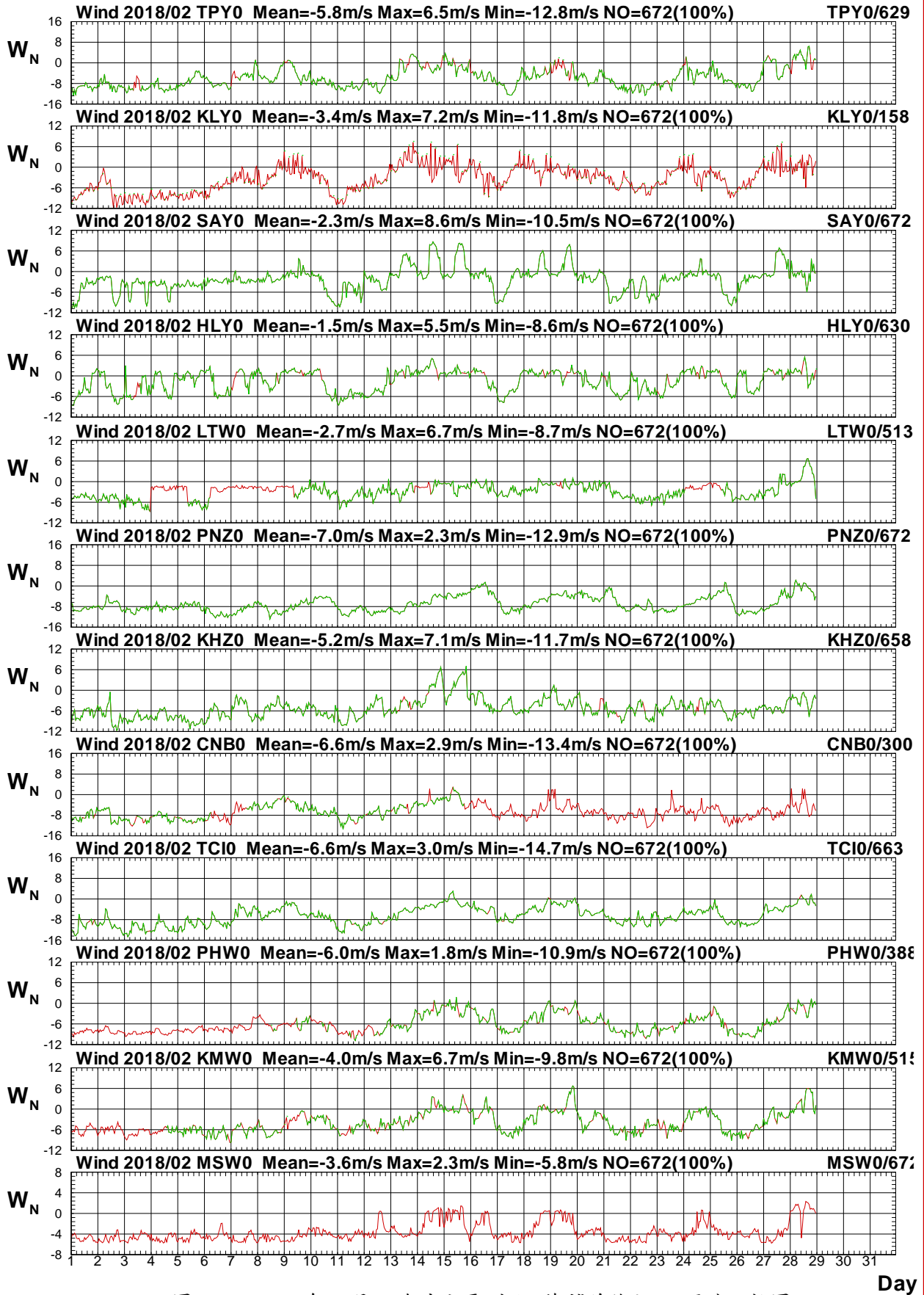


圖7.12 2018年2月12海域主要測站2修補前後之 N-風速比較圖

W182TPY0.1HA W182TPY0.1HO W182KLY0.1HA W182KLY0.1HO W182SAY0.1HA W182SAY0.1HO
 W182HLY0.1HA W182HLY0.1HO W182LTW0.1HA W182LTW0.1HO W182PNZ0.1HA W182PNZ0.1HO

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Twelve Seas Wind Speed at 2018/03

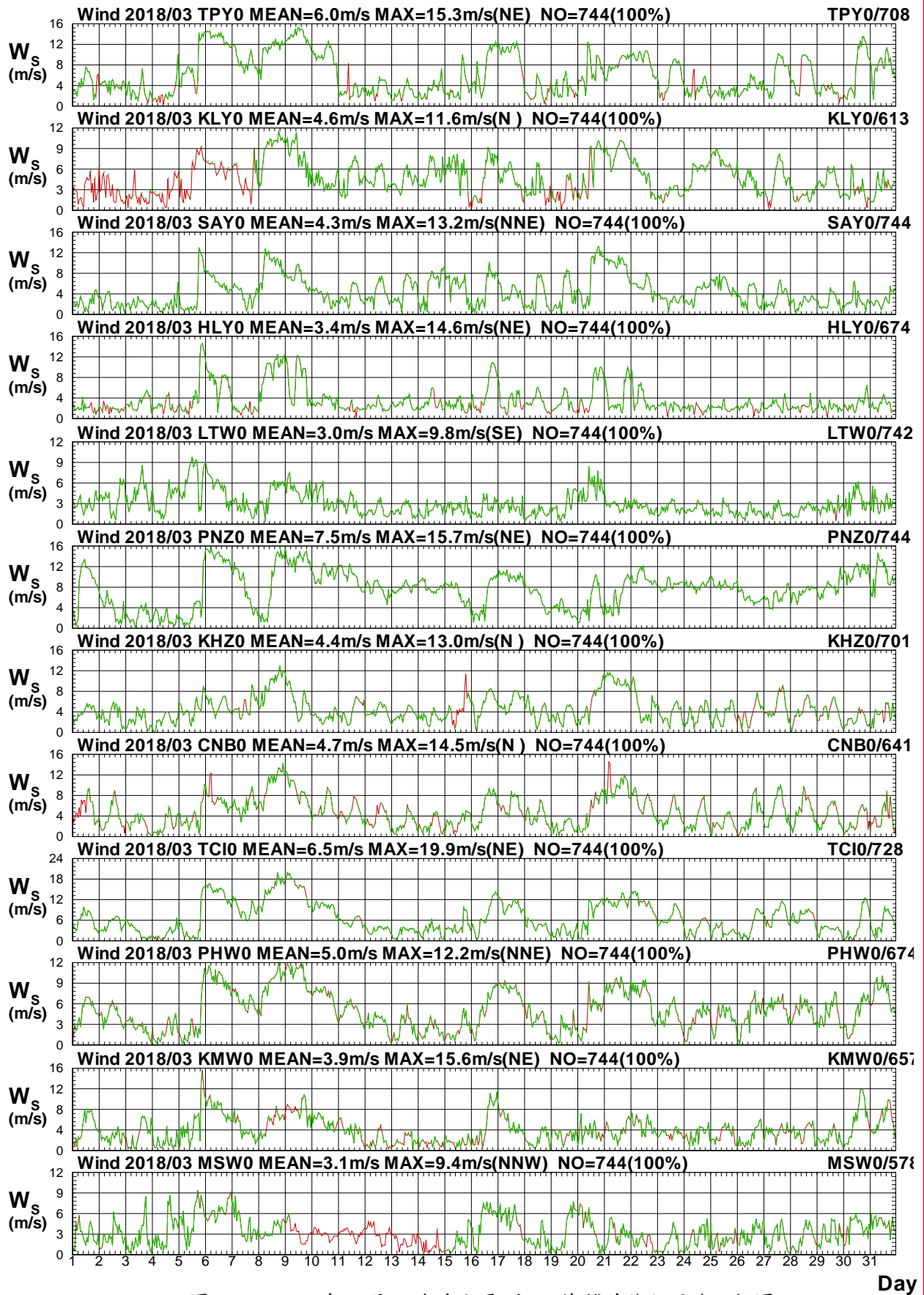


圖7.13 2018年3月12海域主要測站2修補前後之風速比較圖

W183TPY0.1HA W183TPY0.1HO W183KLY0.1HA W183KLY0.1HO W183SAY0.1HA W183SAY0.1HO
 W183HLY0.1HA W183HLY0.1HO W183LTW0.1HA W183LTW0.1HO W183PNZ0.1HA W183PNZ0.1HO

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Twelve Seas Wind Direction at 2018/03

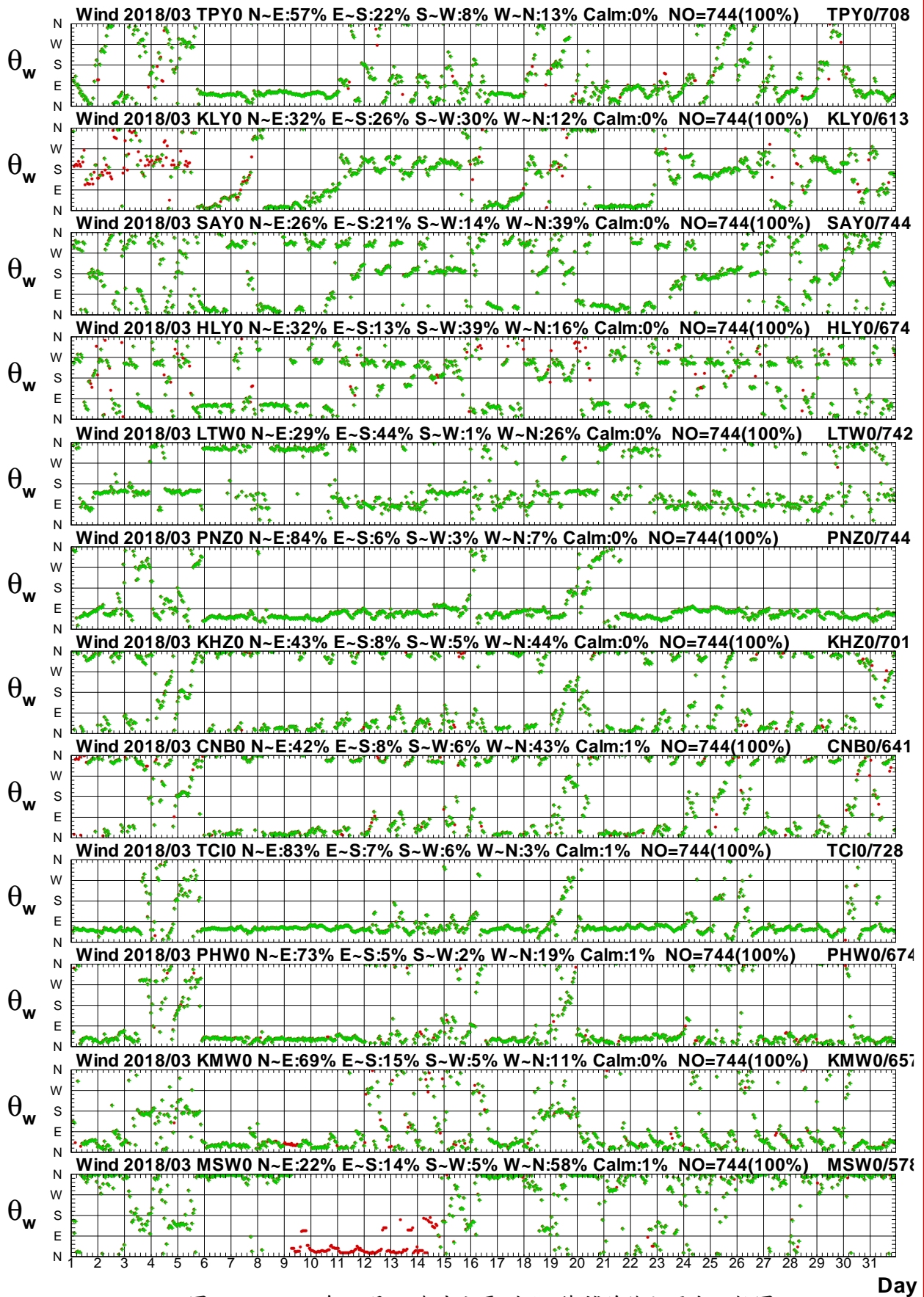


圖7.14 2018年3月12海域主要測站2修補前後之風向比較圖

W183TPY0.1HA W183TPY0.1HO W183KLY0.1HA W183KLY0.1HO W183SAY0.1HA W183SAY0.1HO
 W183HLY0.1HA W183HLY0.1HO W183LTW0.1HA W183LTW0.1HO W183PNZ0.1HA W183PNZ0.1HO

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Twelve Seas E-component of Wind at 2018/03

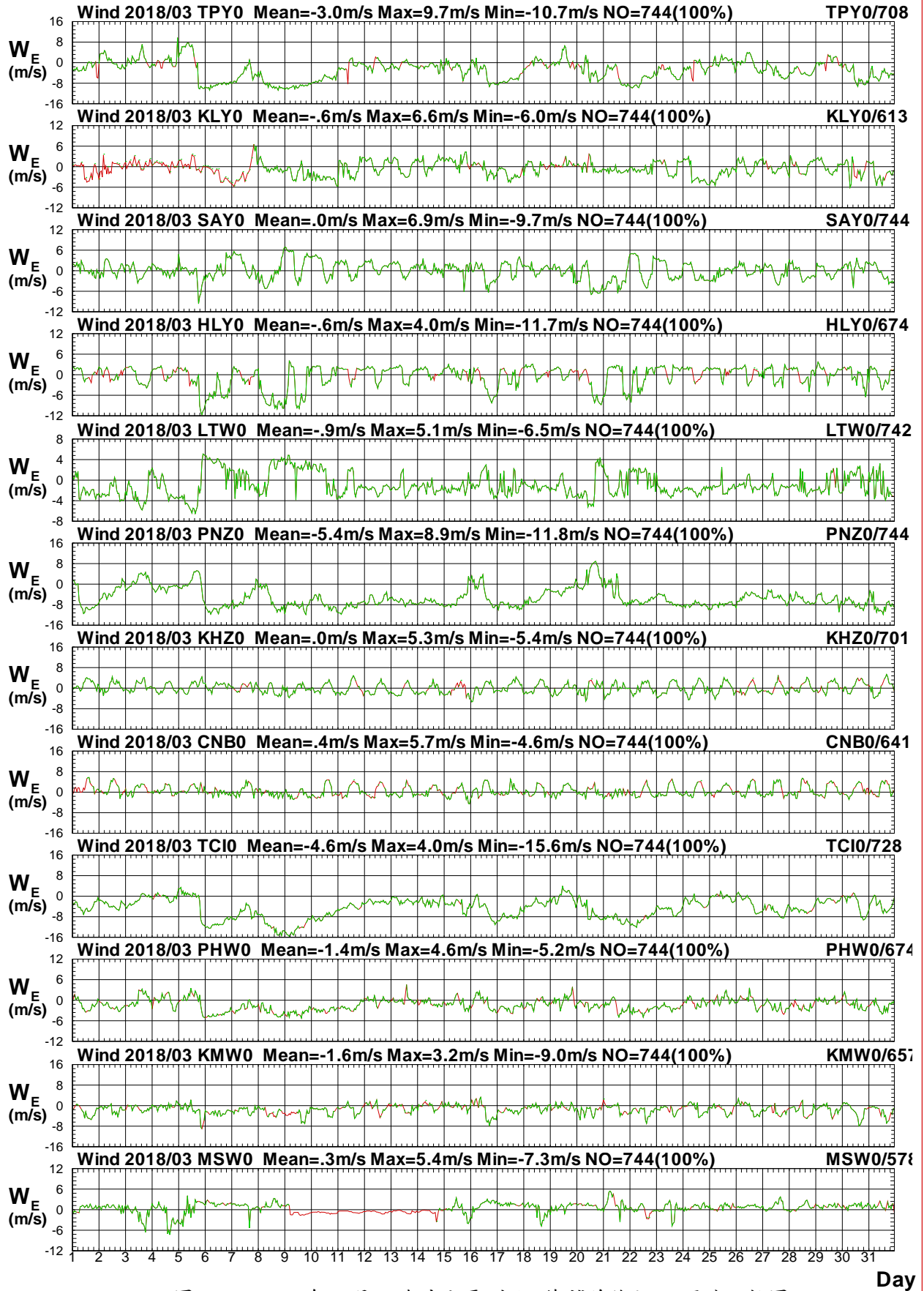


圖 7.15 2018 年 3 月 12 海域主要測站 2 修補前後之 E-風速比較圖

W183TPY0.1HA W183TPY0.1HO W183KLY0.1HA W183KLY0.1HO W183SAY0.1HA W183SAY0.1HO
 W183HLY0.1HA W183HLY0.1HO W183LTW0.1HA W183LTW0.1HO W183PNZ0.1HA W183PNZ0.1HO

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Twelve Seas N-component of Wind at 2018/03

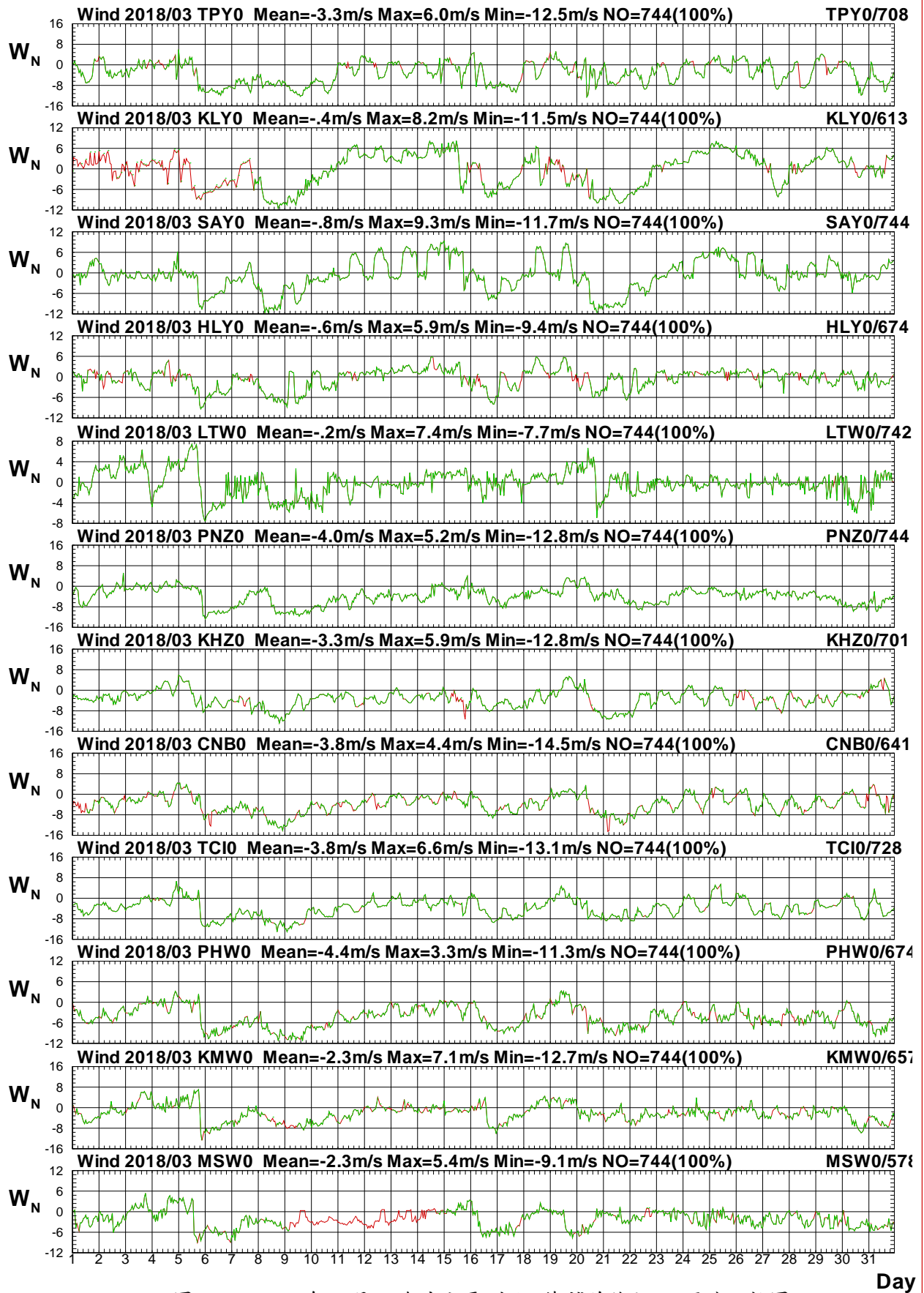


圖7.16 2018年3月12海域主要測站2修補前後之 N-風速比較圖

W183TPY0.1HA W183TPY0.1HO W183KLY0.1HA W183KLY0.1HO W183SAY0.1HA W183SAY0.1HO
 W183HLY0.1HA W183HLY0.1HO W183LTW0.1HA W183LTW0.1HO W183PNZ0.1HA W183PNZ0.1HO

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Twelve Seas Wind Speed at 2018/04

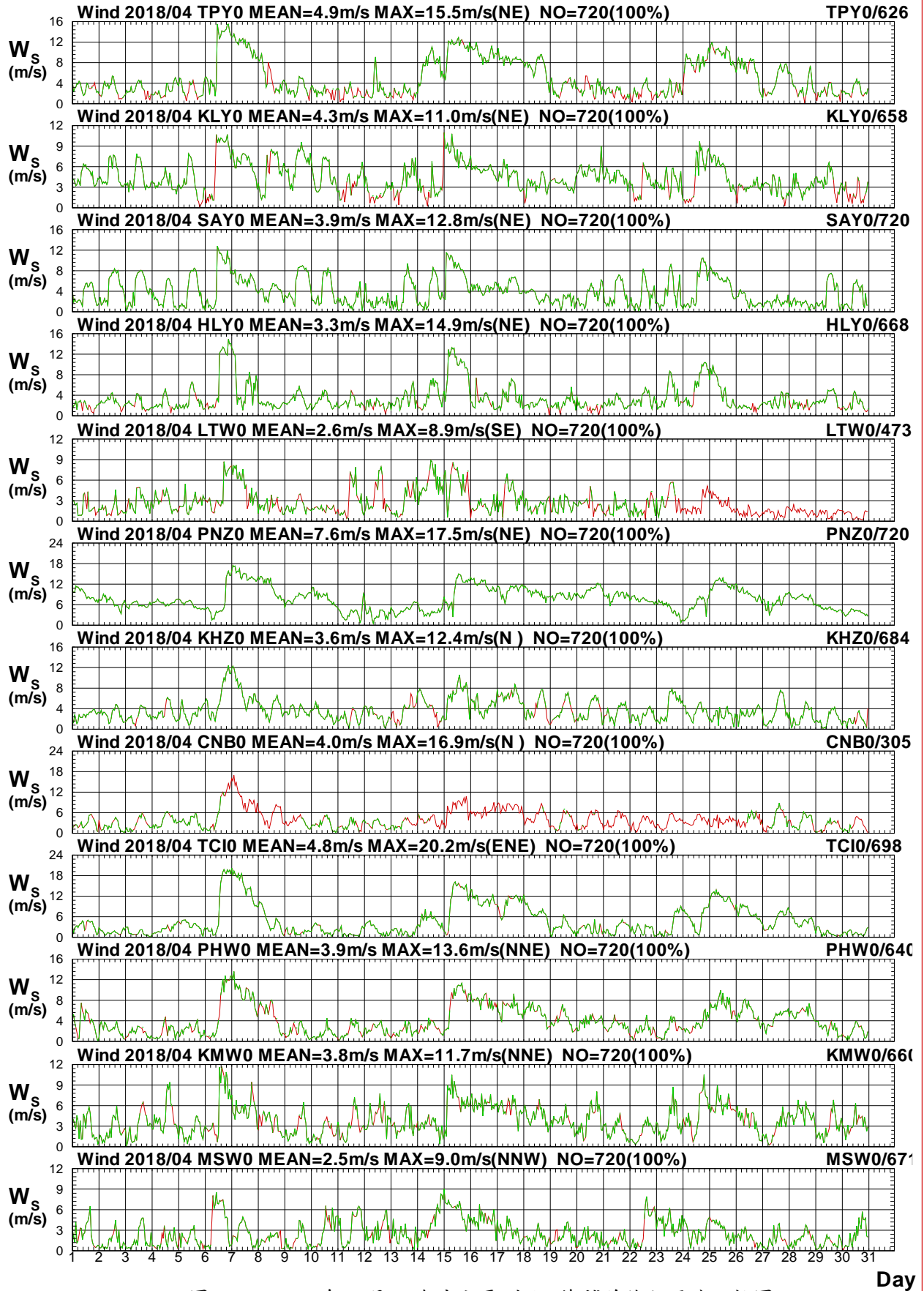


圖7.17 2018年4月12海域主要測站2修補前後之風速比較圖

W184TPY0.1HA W184TPY0.1H0 W184KLY0.1HA W184KLY0.1H0 W184SAY0.1HA W184SAY0.1H0
 W184HLY0.1HA W184HLY0.1H0 W184LTW0.1HA W184LTW0.1H0 W184PNZ0.1HA W184PNZ0.1H0

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Twelve Seas Wind Direction at 2018/04

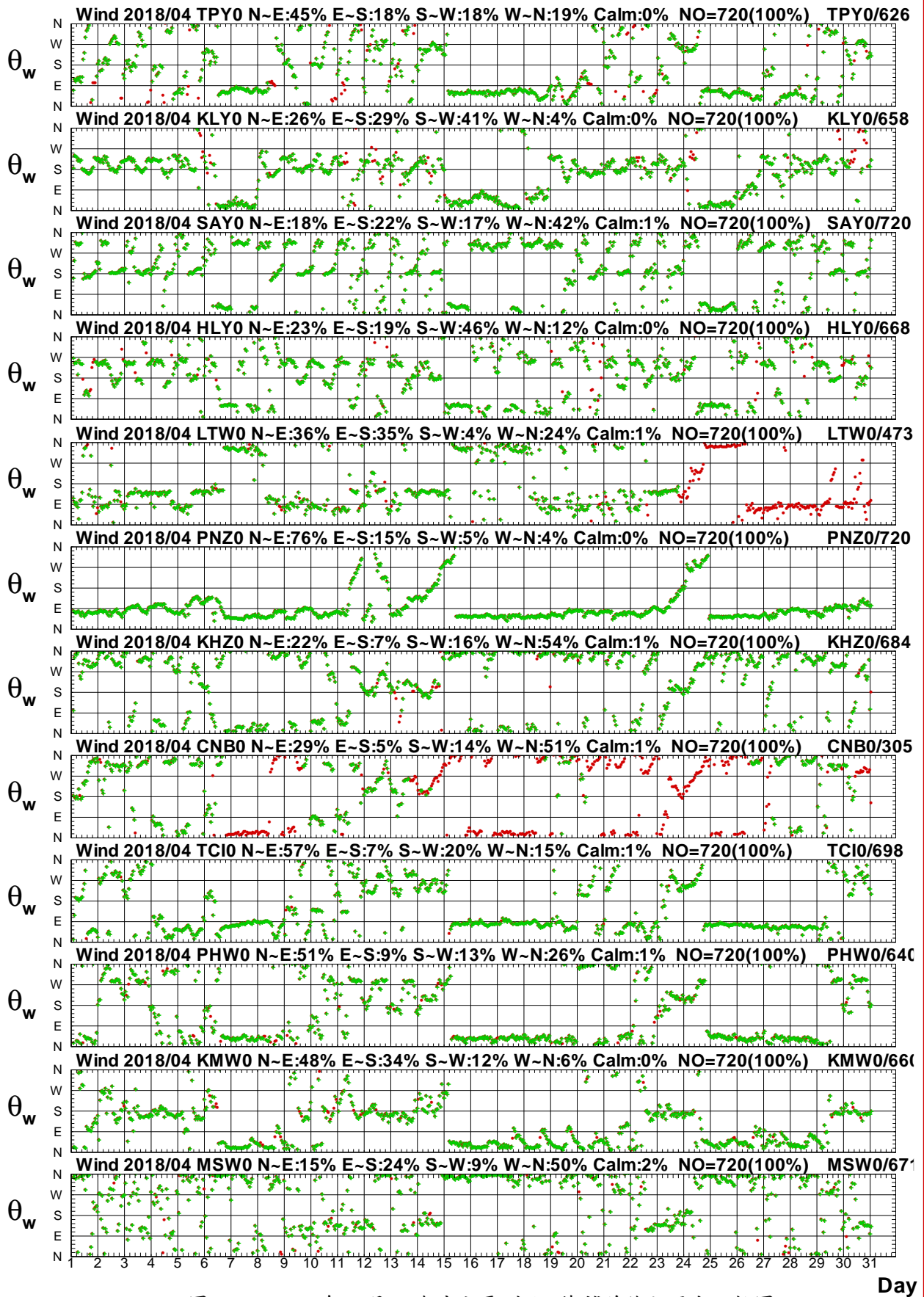


圖7.18 2018年4月12海域主要測站2修補前後之風向比較圖

W184TPY0.1HA W184TPY0.1HO W184KLY0.1HA W184KLY0.1HO W184SAY0.1HA W184SAY0.1HO
W184HLY0.1HA W184HLY0.1HO W184LTW0.1HA W184LTW0.1HO W184PNZ0.1HA W184PNZ0.1HO

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Twelve Seas E-component of Wind at 2018/04

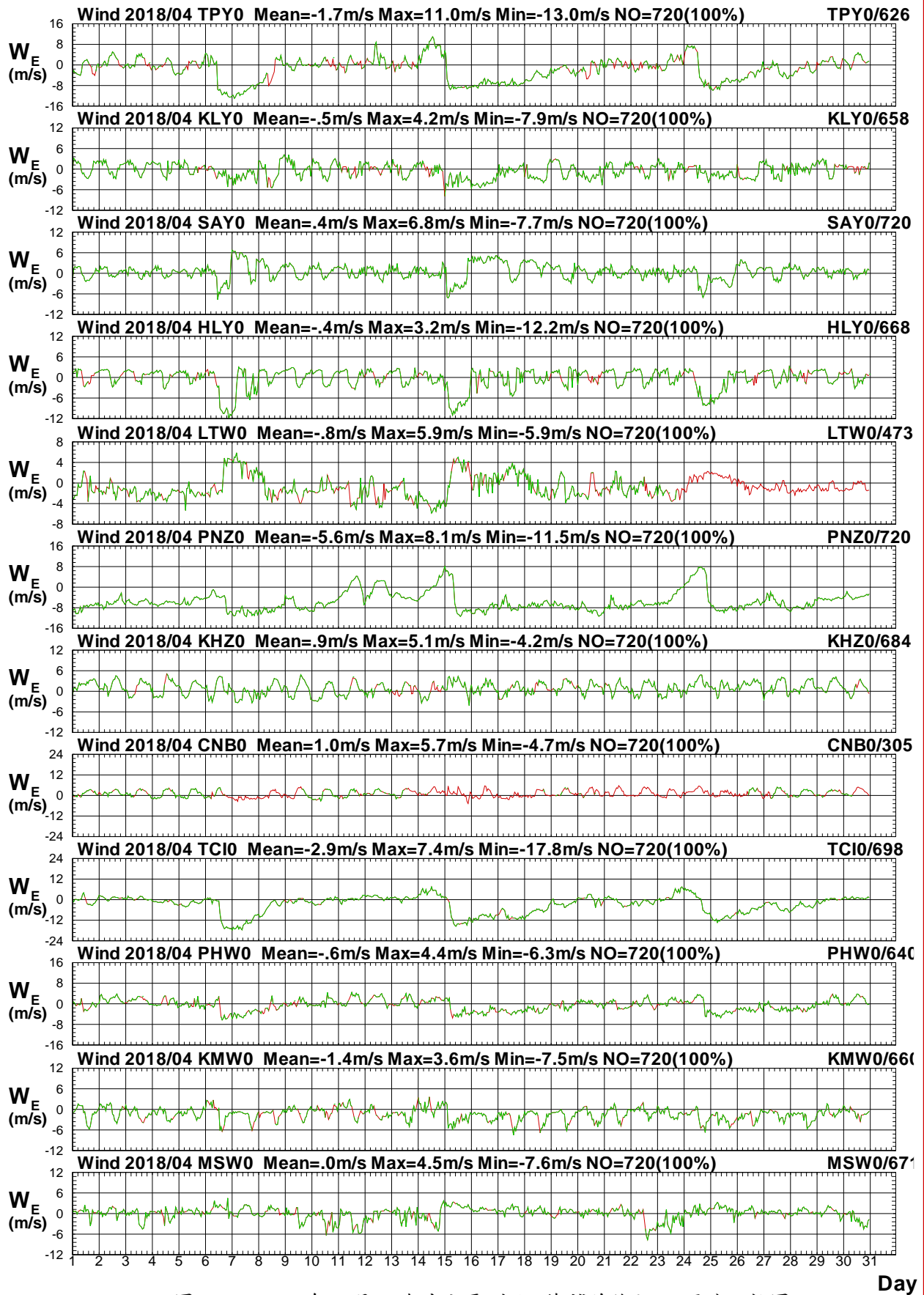


圖7.19 2018年4月12海域主要測站2修補前後之 E-風速比較圖

W184TPY0.1HA W184TPY0.1HO W184KLY0.1HA W184KLY0.1HO W184SAY0.1HA W184SAY0.1HO
 W184HLY0.1HA W184HLY0.1HO W184LTW0.1HA W184LTW0.1HO W184PNZ0.1HA W184PNZ0.1HO

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Twelve Seas N-component of Wind at 2018/04

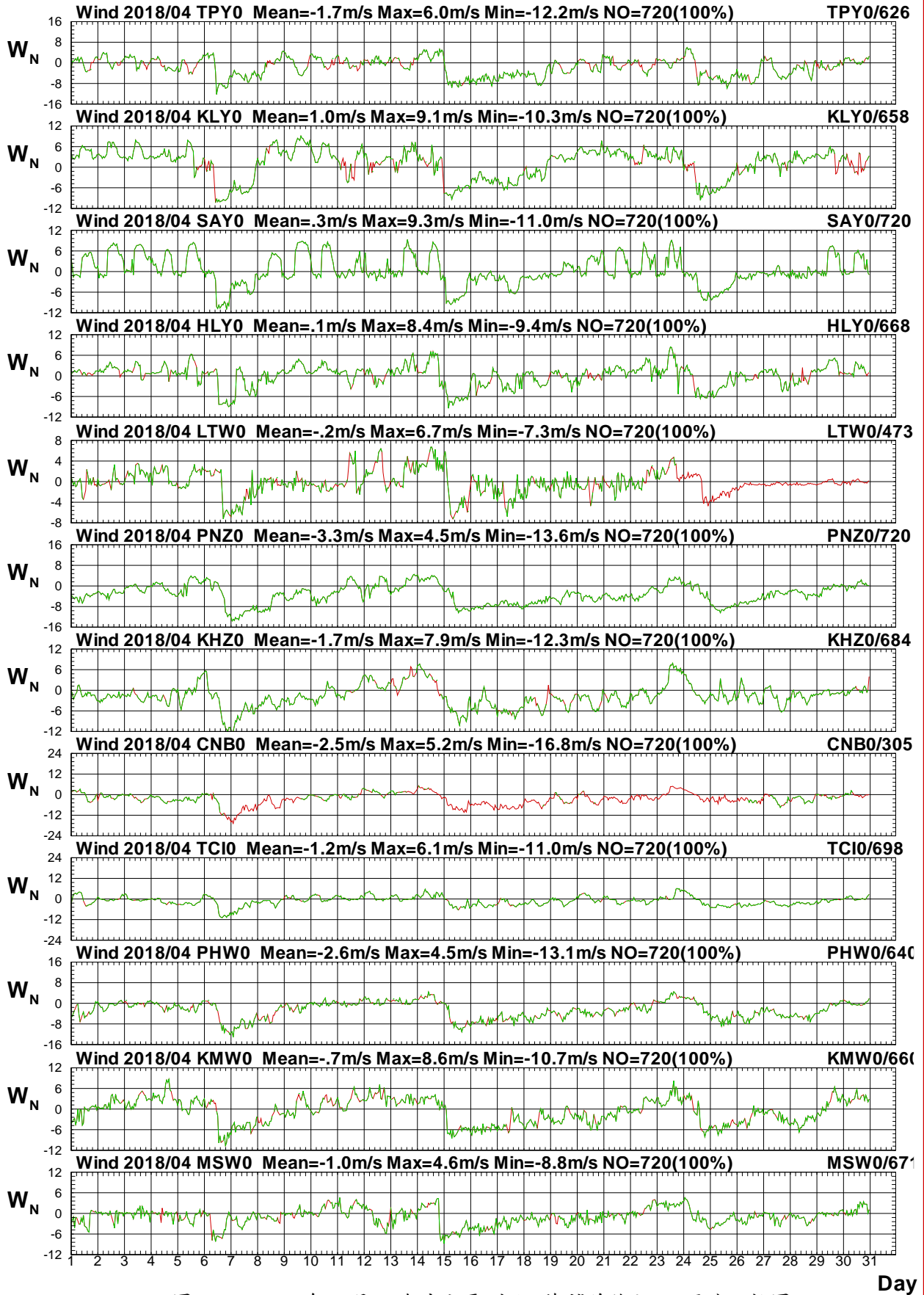


圖7.20 2018年4月12海域主要測站2修補前後之 N-風速比較圖

W184TPY0.1HA W184TPY0.1HO W184KLY0.1HA W184KLY0.1HO W184SAY0.1HA W184SAY0.1HO
 W184HLY0.1HA W184HLY0.1HO W184LTW0.1HA W184LTW0.1HO W184PNZ0.1HA W184PNZ0.1HO

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Twelve Seas Wind Speed at 2018/05

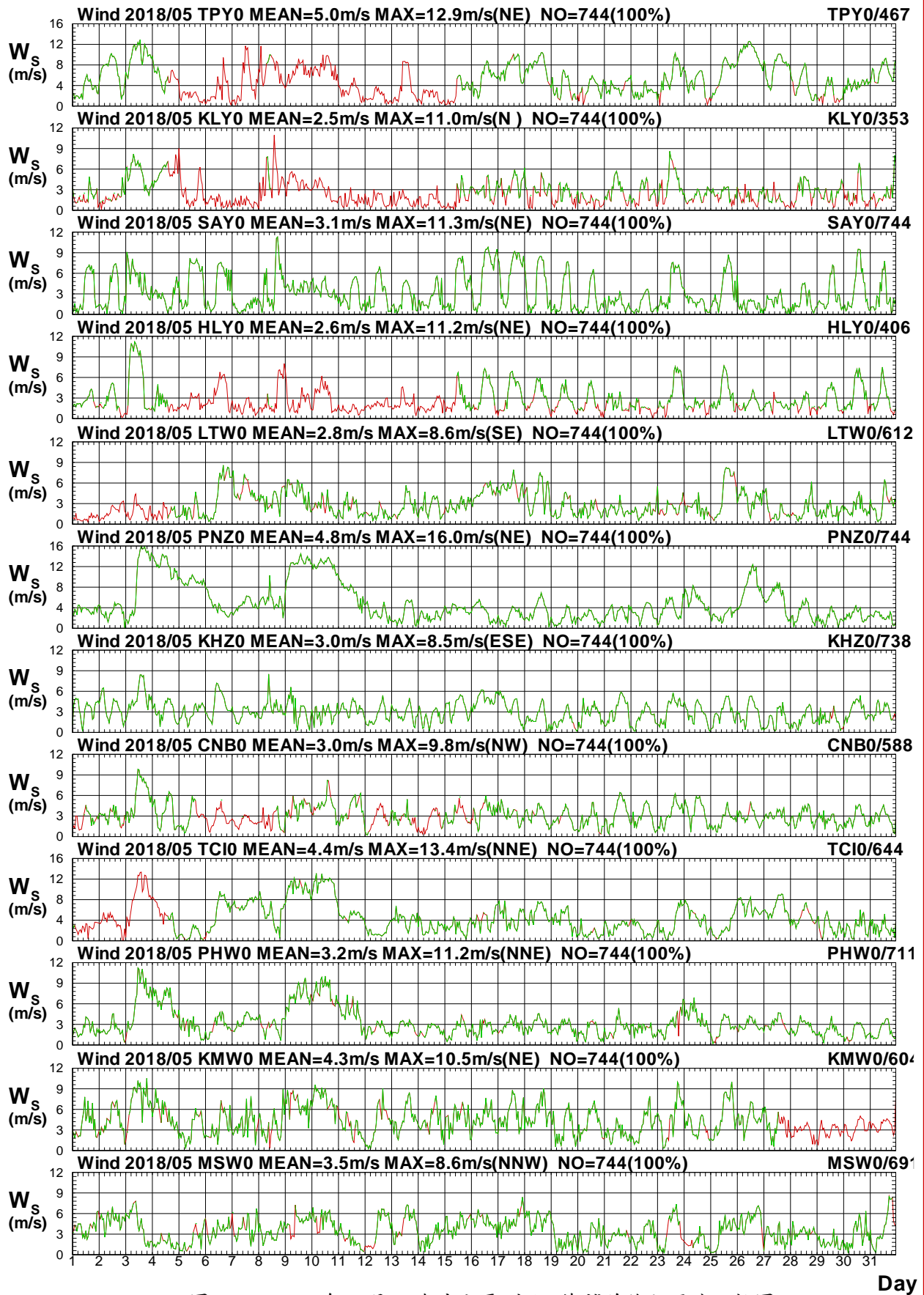


圖7.21 2018年5月12海域主要測站2修補前後之風速比較圖

W185TPY0.1HA W185TPY0.1HO W185KLY0.1HA W185KLY0.1HO W185SAY0.1HA W185SAY0.1HO
 W185HLY0.1HA W185HLY0.1HO W185LTW0.1HA W185LTW0.1HO W185PNZ0.1HA W185PNZ0.1HO

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Twelve Seas Wind Direction at 2018/05

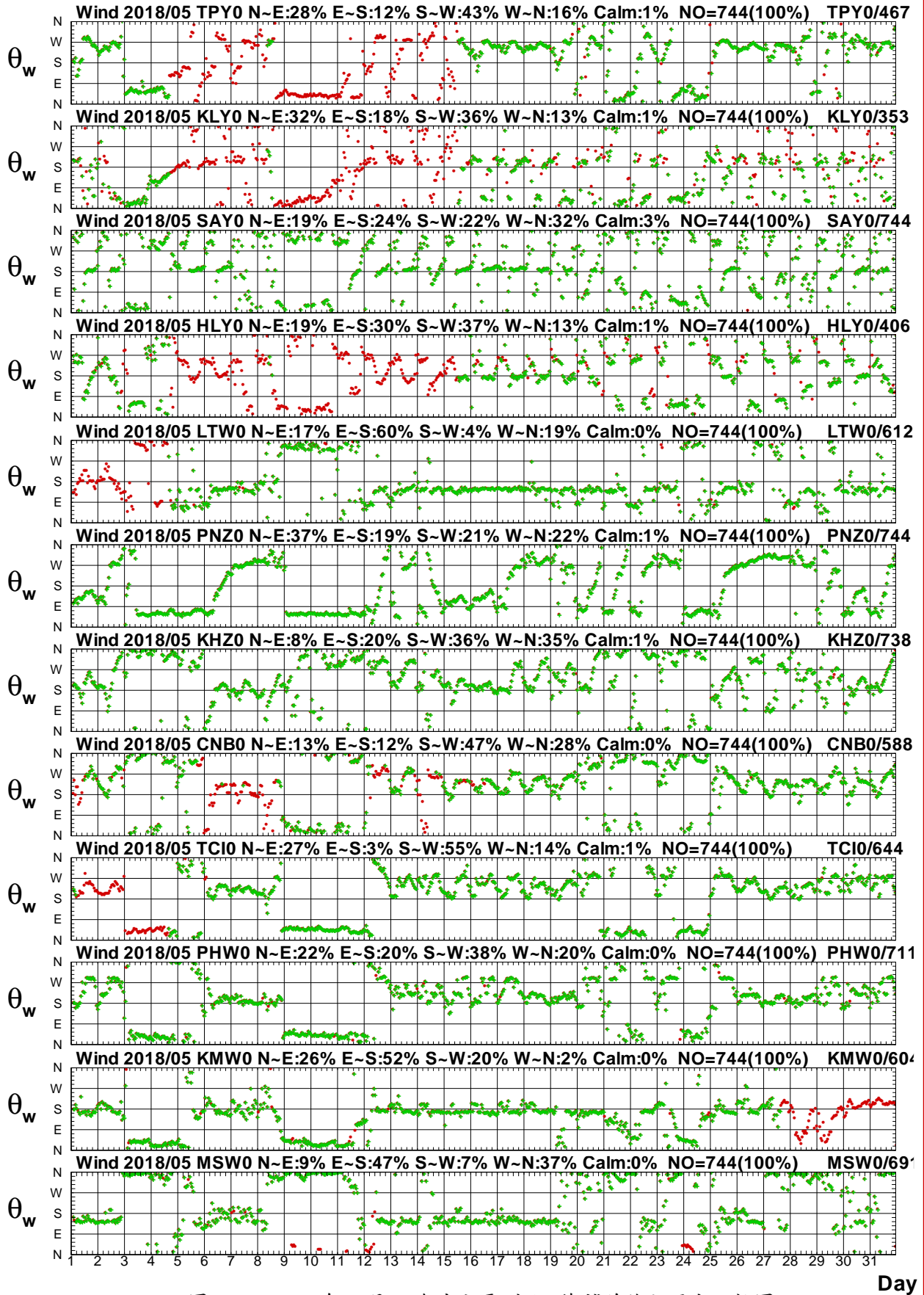


圖7.22 2018年5月12海域主要測站2修補前後之風向比較圖

W185TPY0.1HA W185TPY0.1HO W185KLY0.1HA W185KLY0.1HO W185SAY0.1HA W185SAY0.1HO
 W185HLY0.1HA W185HLY0.1HO W185LTW0.1HA W185LTW0.1HO W185PNZ0.1HA W185PNZ0.1HO

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Twelve Seas E-component of Wind at 2018/05

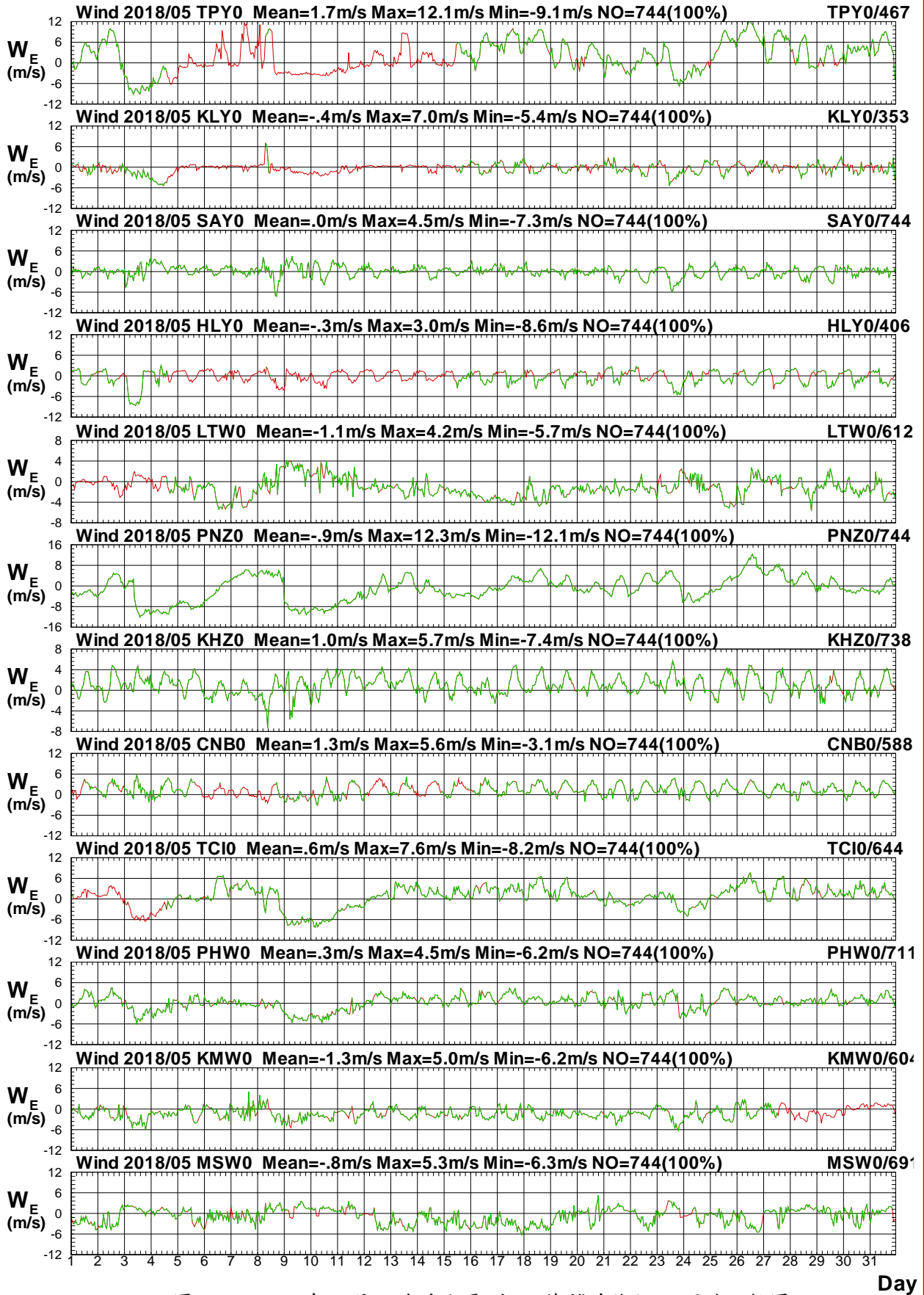


圖7.23 2018年5月12海域主要測站2修補前後之 E-風速比較圖

W185TPY0.1HA W185TPY0.1HO W185KLY0.1HA W185KLY0.1HO W185SAY0.1HA W185SAY0.1HO
 W185HLY0.1HA W185HLY0.1HO W185LTW0.1HA W185LTW0.1HO W185PNZ0.1HA W185PNZ0.1HO

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Twelve Seas N-component of Wind at 2018/05

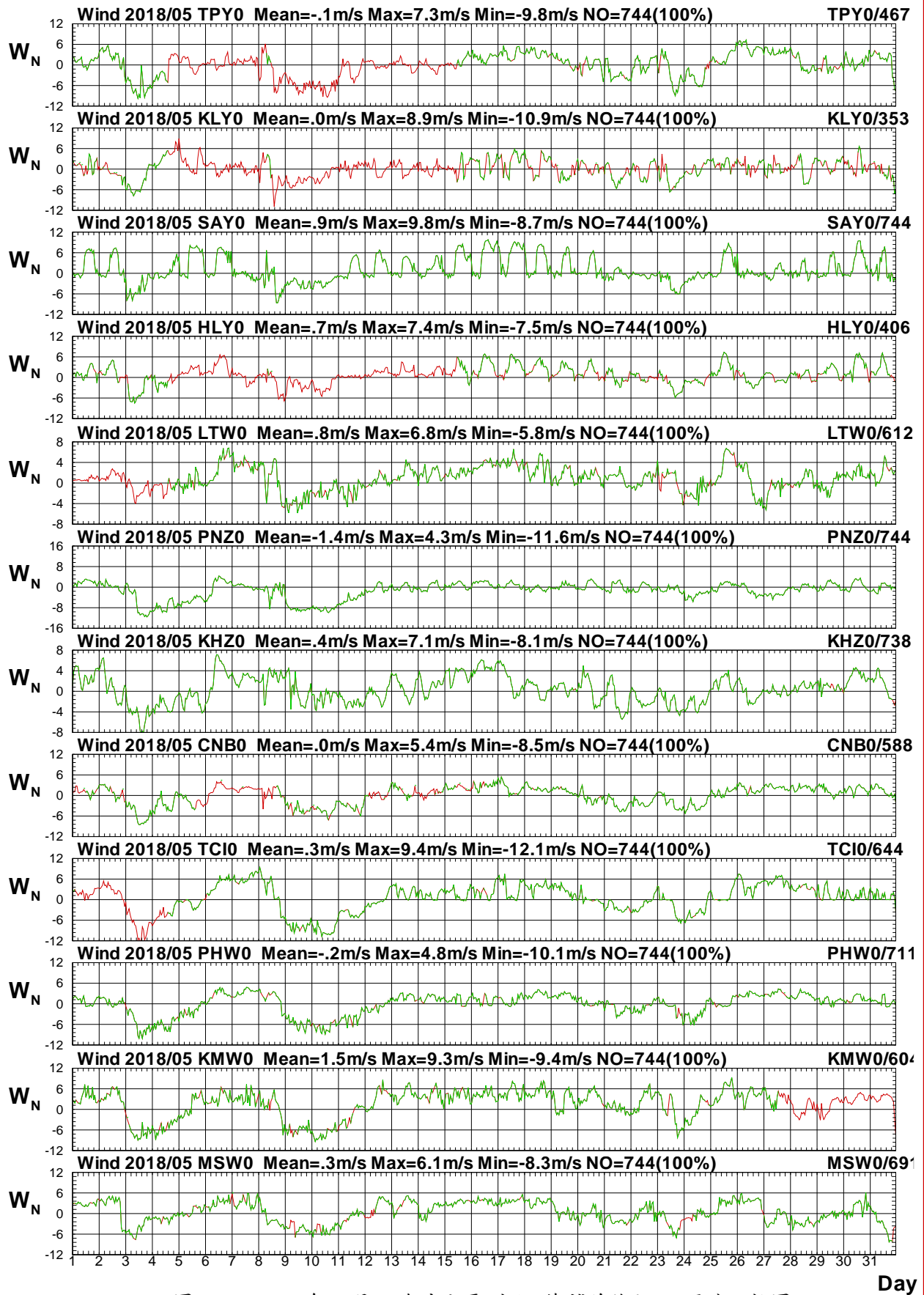


圖7.24 2018年5月12海域主要測站2修補前後之 N-風速比較圖

W185TPY0.1HA W185TPY0.1HO W185KLY0.1HA W185KLY0.1HO W185SAY0.1HA W185SAY0.1HO
 W185HLY0.1HA W185HLY0.1HO W185LTW0.1HA W185LTW0.1HO W185PNZ0.1HA W185PNZ0.1HO

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Twelve Seas Wind Speed at 2018/06

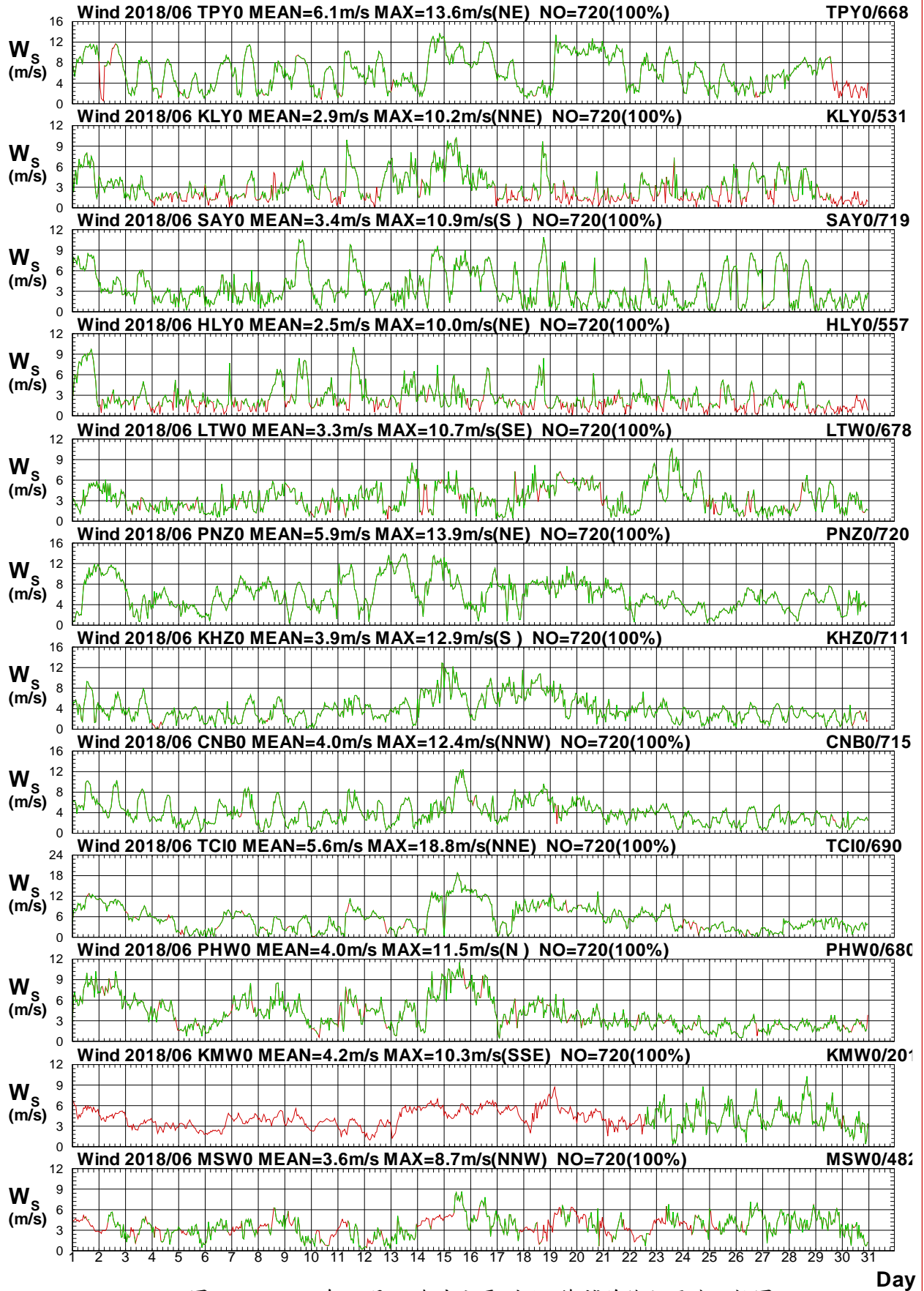


圖7.25 2018年6月12海域主要測站2修補前後之風速比較圖

W186TPY0.1HA W186TPY0.1HO W186KLY0.1HA W186KLY0.1HO W186SAY0.1HA W186SAY0.1HO
 W186HLY0.1HA W186HLY0.1HO W186LTW0.1HA W186LTW0.1HO W186PNZ0.1HA W186PNZ0.1HO

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Twelve Seas Wind Direction at 2018/06

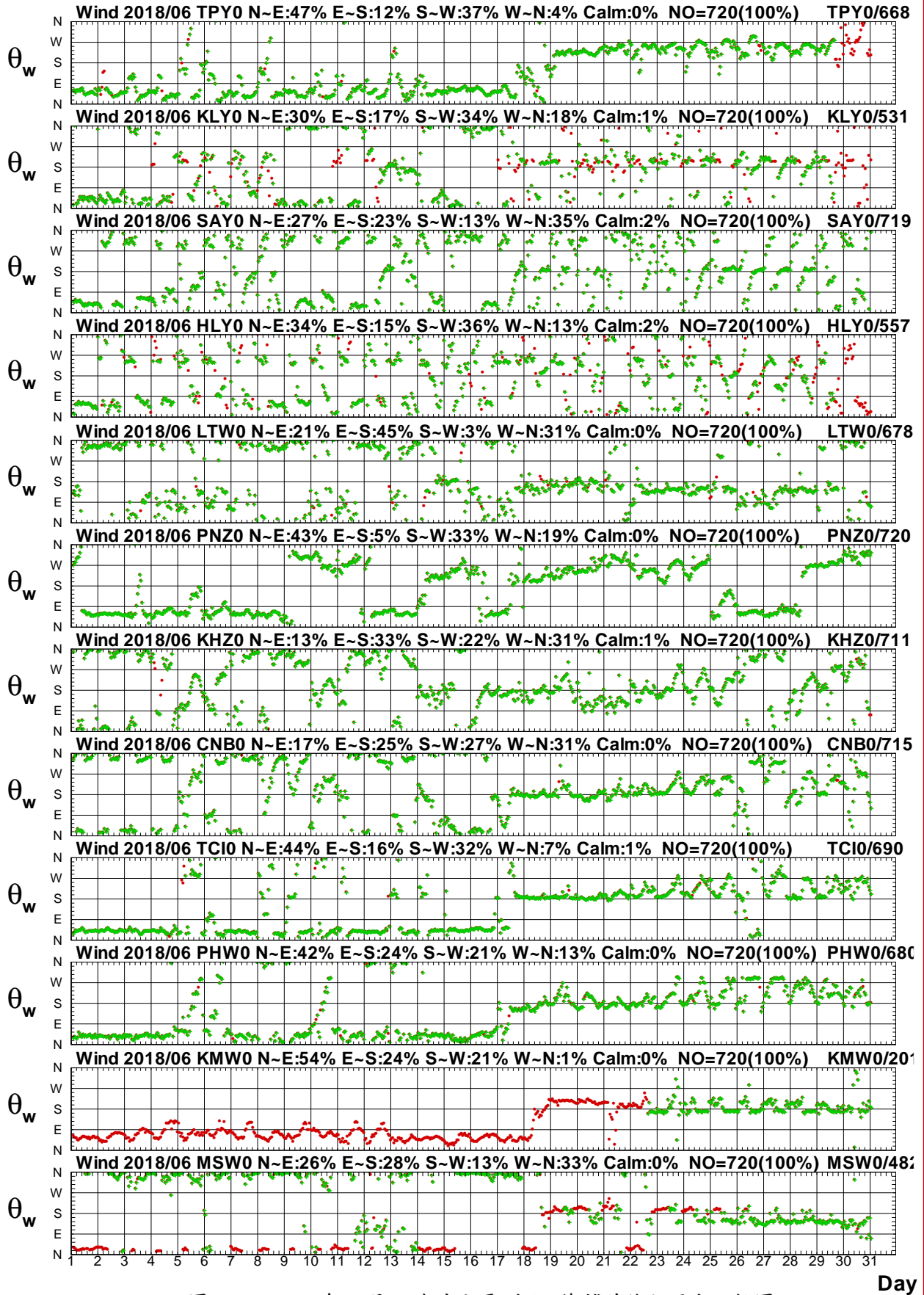


圖7.26 2018年6月12海域主要測站2修補前後之風向比較圖

W186TPY0.1HA W186TPY0.1HO W186KLY0.1HA W186KLY0.1HO W186SAY0.1HA W186SAY0.1HO
 W186HLY0.1HA W186HLY0.1HO W186LTW0.1HA W186LTW0.1HO W186PNZ0.1HA W186PNZ0.1HO

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Twelve Seas E-component of Wind at 2018/06

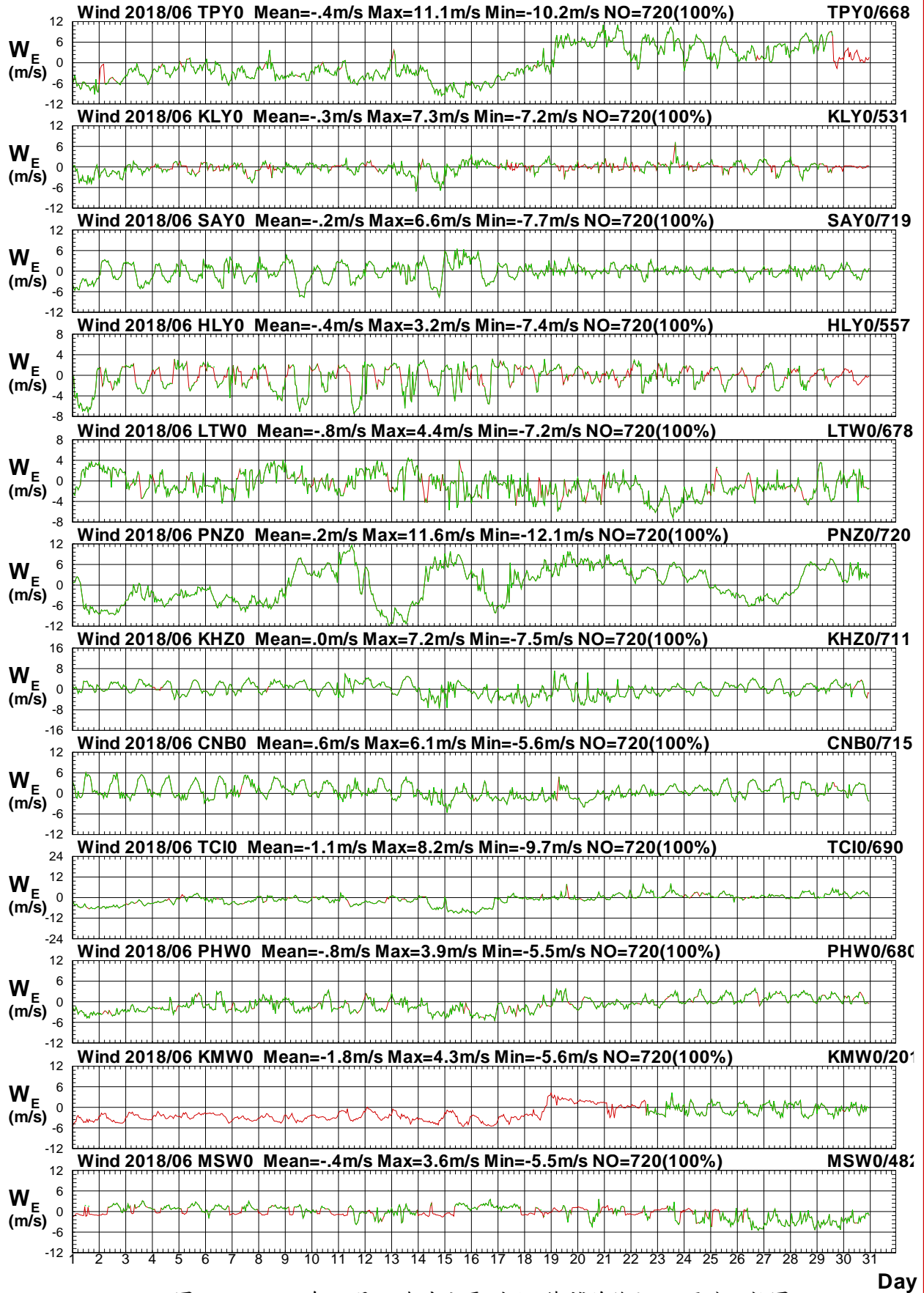


圖7.27 2018年6月12海域主要測站2修補前後之E-風速比較圖

W186TPY0.1HA W186TPY0.1HO W186KLY0.1HA W186KLY0.1HO W186SAY0.1HA W186SAY0.1HO
 W186HLY0.1HA W186HLY0.1HO W186LTW0.1HA W186LTW0.1HO W186PNZ0.1HA W186PNZ0.1HO

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Twelve Seas N-component of Wind at 2018/06

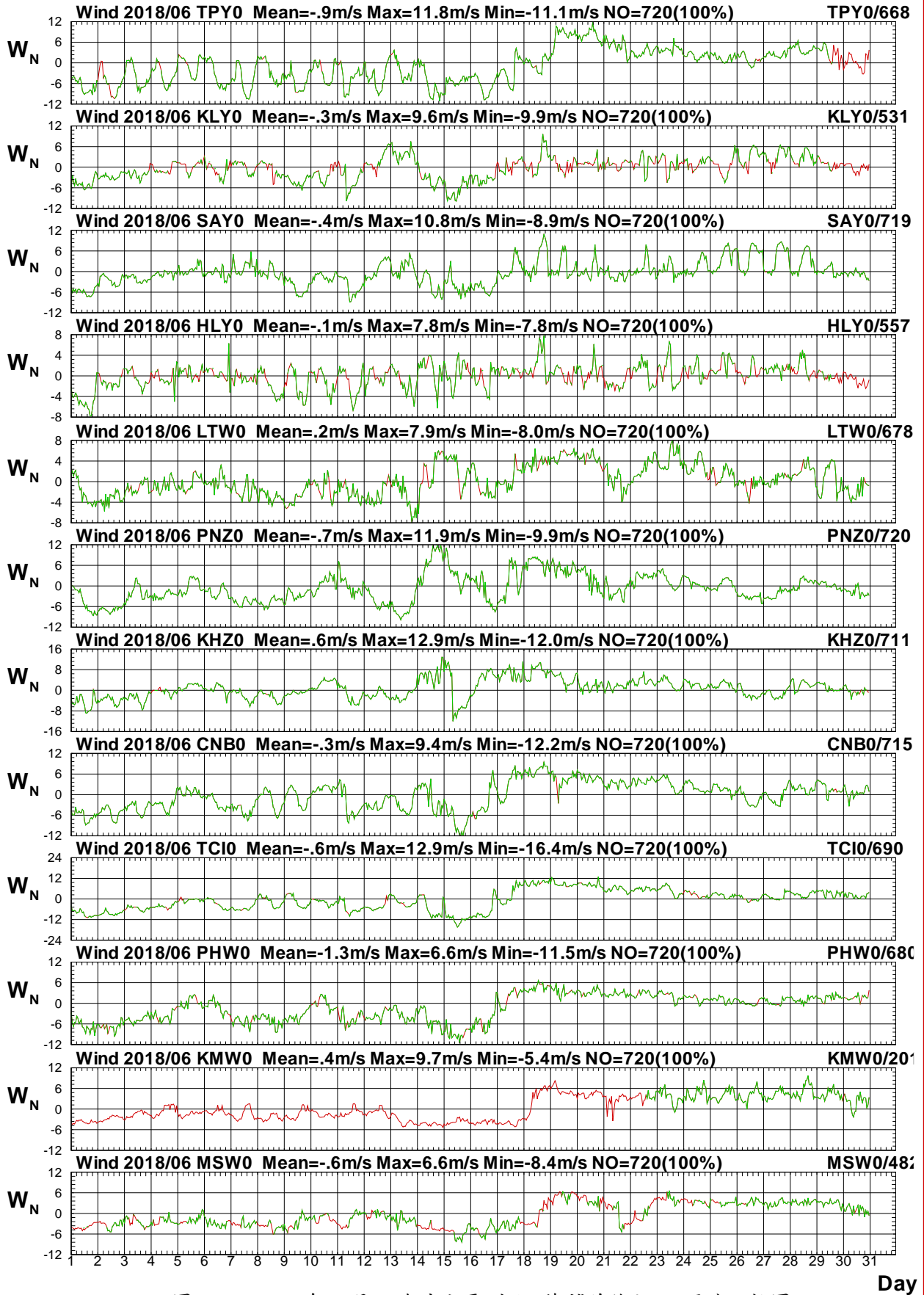


圖7.28 2018年6月12海域主要測站2修補前後之 N-風速比較圖

W186TPY0.1HA W186TPY0.1HO W186KLY0.1HA W186KLY0.1HO W186SAY0.1HA W186SAY0.1HO
 W186HLY0.1HA W186HLY0.1HO W186LTW0.1HA W186LTW0.1HO W186PNZ0.1HA W186PNZ0.1HO

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Twelve Seas Wind Speed at 2018/07

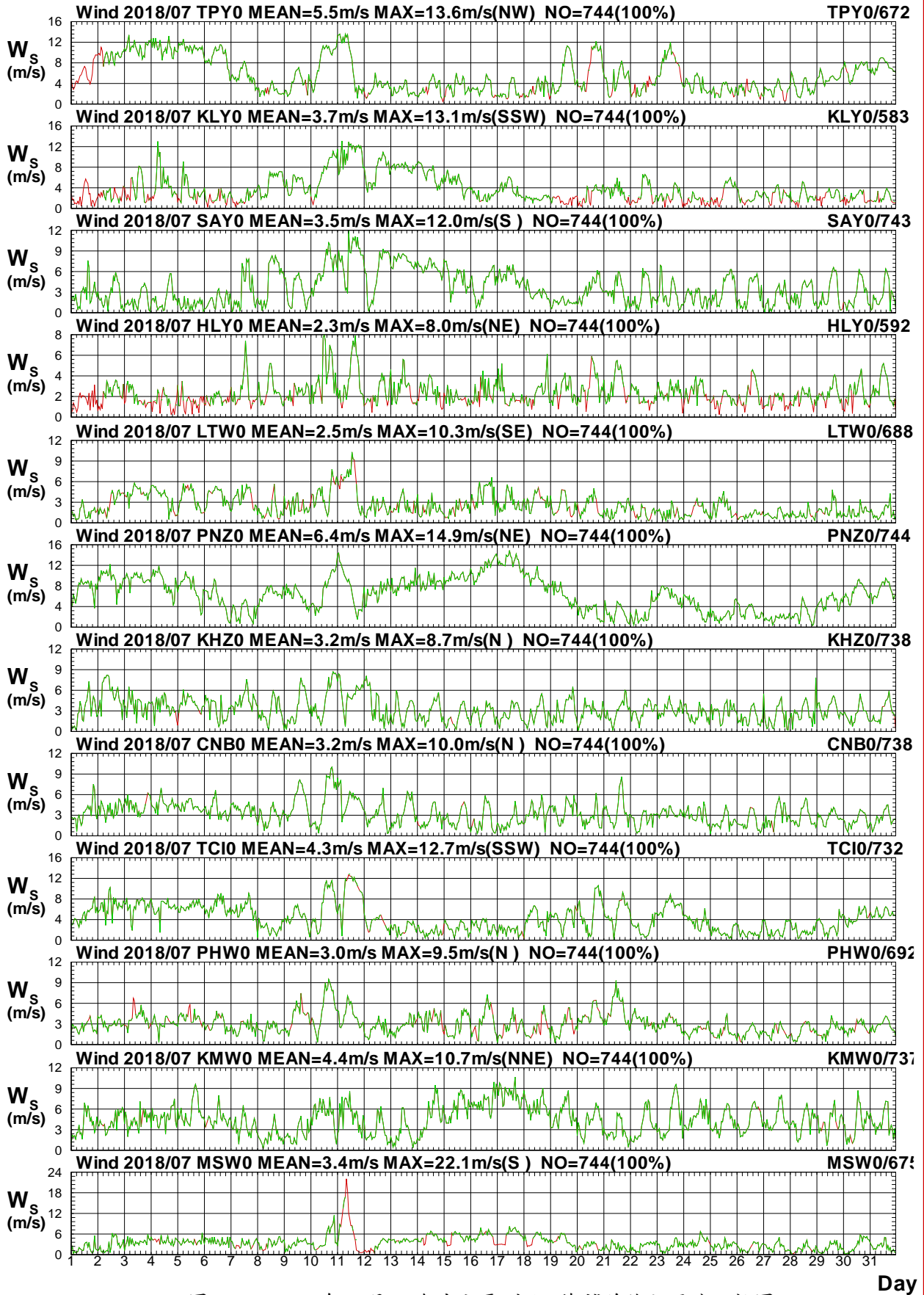


圖7.29 2018年7月12海域主要測站2修補前後之風速比較圖

W187TPY0.1HA W187TPY0.1HO W187KLY0.1HA W187KLY0.1HO W187SAY0.1HA W187SAY0.1HO
 W187HLY0.1HA W187HLY0.1HO W187LTW0.1HA W187LTW0.1HO W187PNZ0.1HA W187PNZ0.1HO

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Twelve Seas Wind Direction at 2018/07

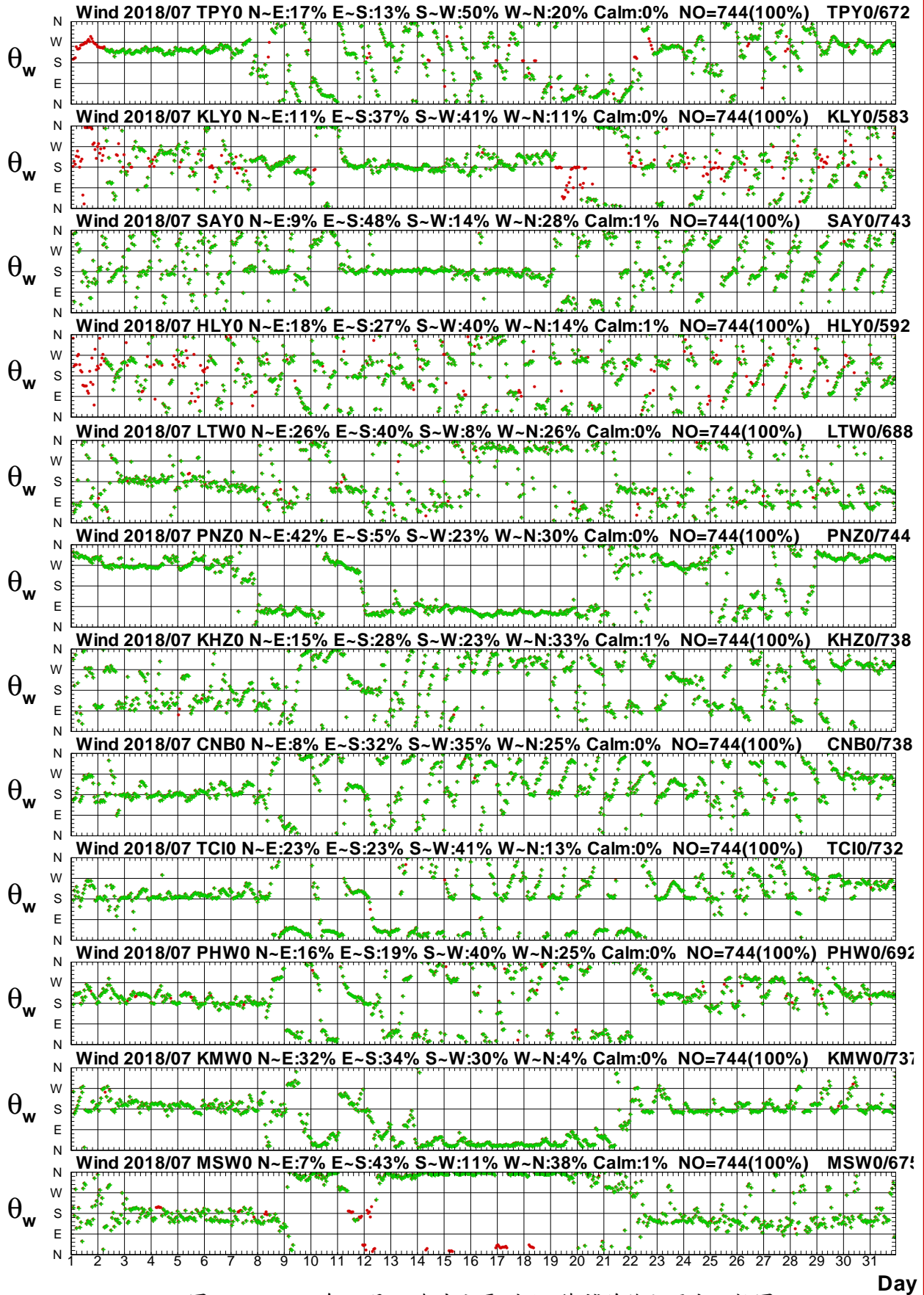


圖7.30 2018年7月12海域主要測站2修補前後之風向比較圖

W187TPY0.1HA W187TPY0.1H0 W187KLY0.1HA W187KLY0.1H0 W187SAY0.1HA W187SAY0.1H0
 W187HLY0.1HA W187HLY0.1H0 W187LTW0.1HA W187LTW0.1H0 W187PNZ0.1HA W187PNZ0.1H0

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Twelve Seas E-component of Wind at 2018/07

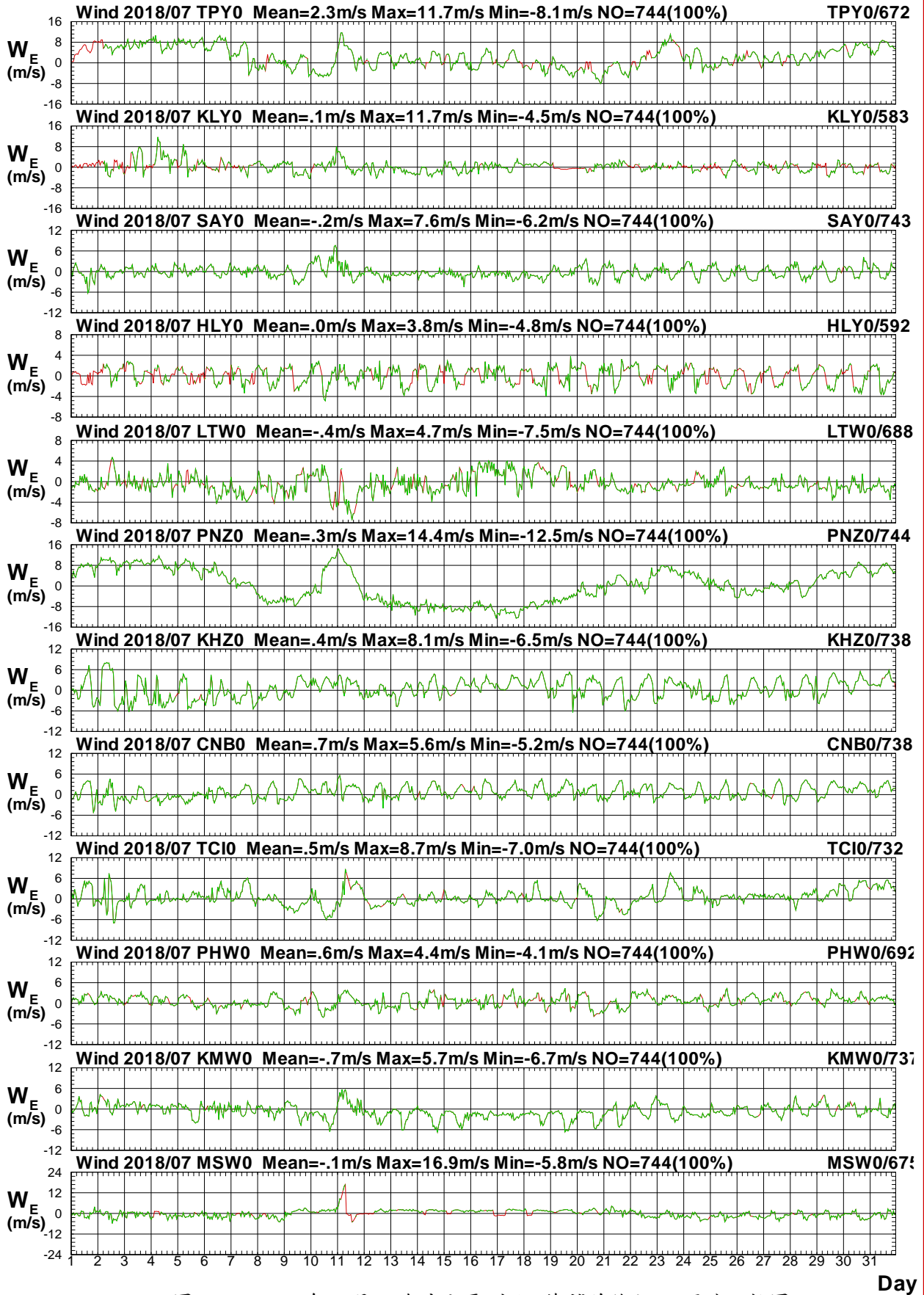


圖 7.31 2018 年 7 月 12 海域主要測站 2 修補前後之 E-風速比較圖

W187TPY0.1HA W187TPY0.1HO W187KLY0.1HA W187KLY0.1HO W187SAY0.1HA W187SAY0.1HO
 W187HLY0.1HA W187HLY0.1HO W187LTW0.1HA W187LTW0.1HO W187PNZ0.1HA W187PNZ0.1HO

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Twelve Seas N-component of Wind at 2018/07

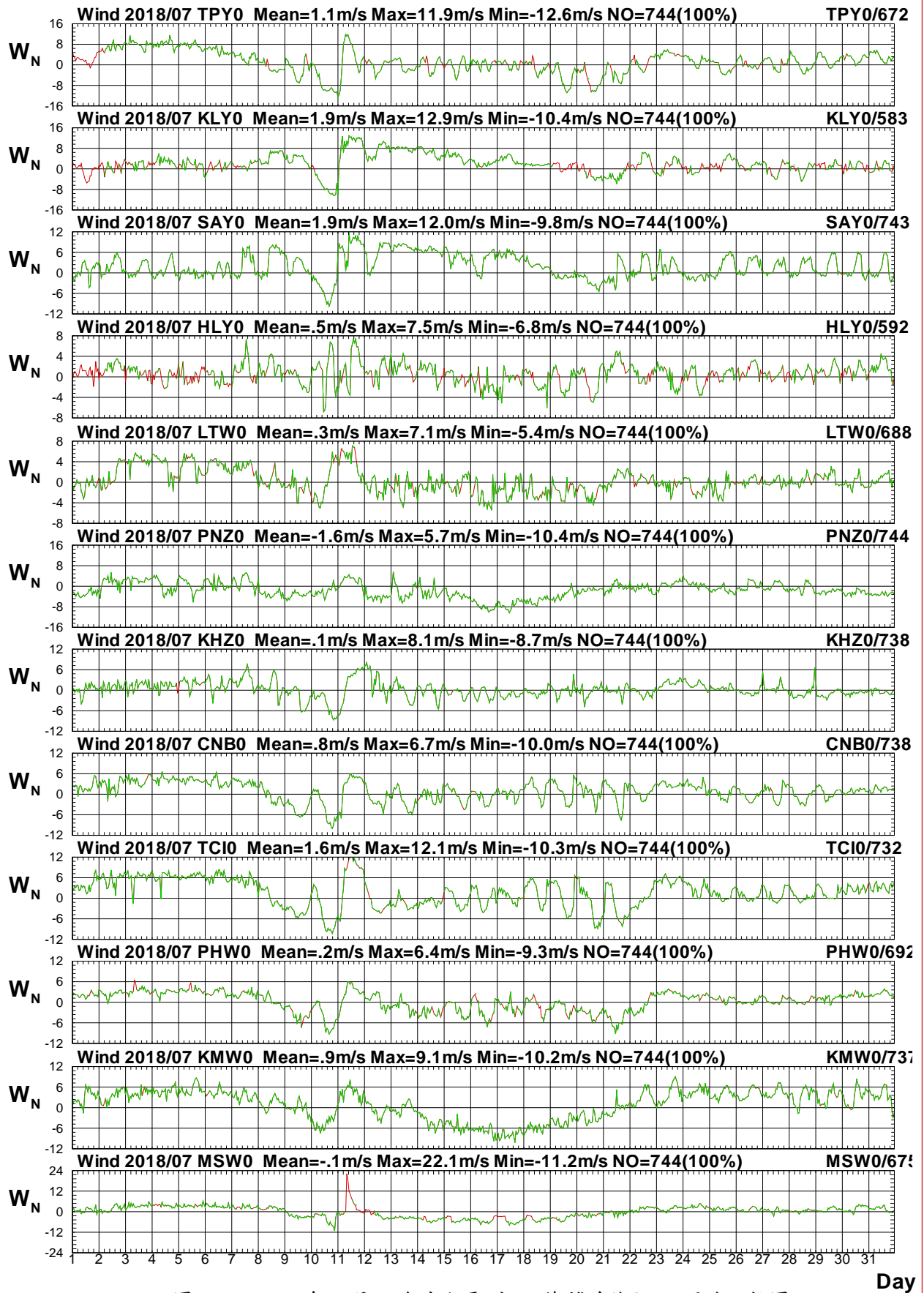


圖7.32 2018年7月12海域主要測站2修補前後之 N-風速比較圖

W187TPY0.1HA W187TPY0.1HO W187KLY0.1HA W187KLY0.1HO W187SAY0.1HA W187SAY0.1HO
 W187HLY0.1HA W187HLY0.1HO W187LTW0.1HA W187LTW0.1HO W187PNZ0.1HA W187PNZ0.1HO

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Twelve Seas Wind Speed at 2018/08

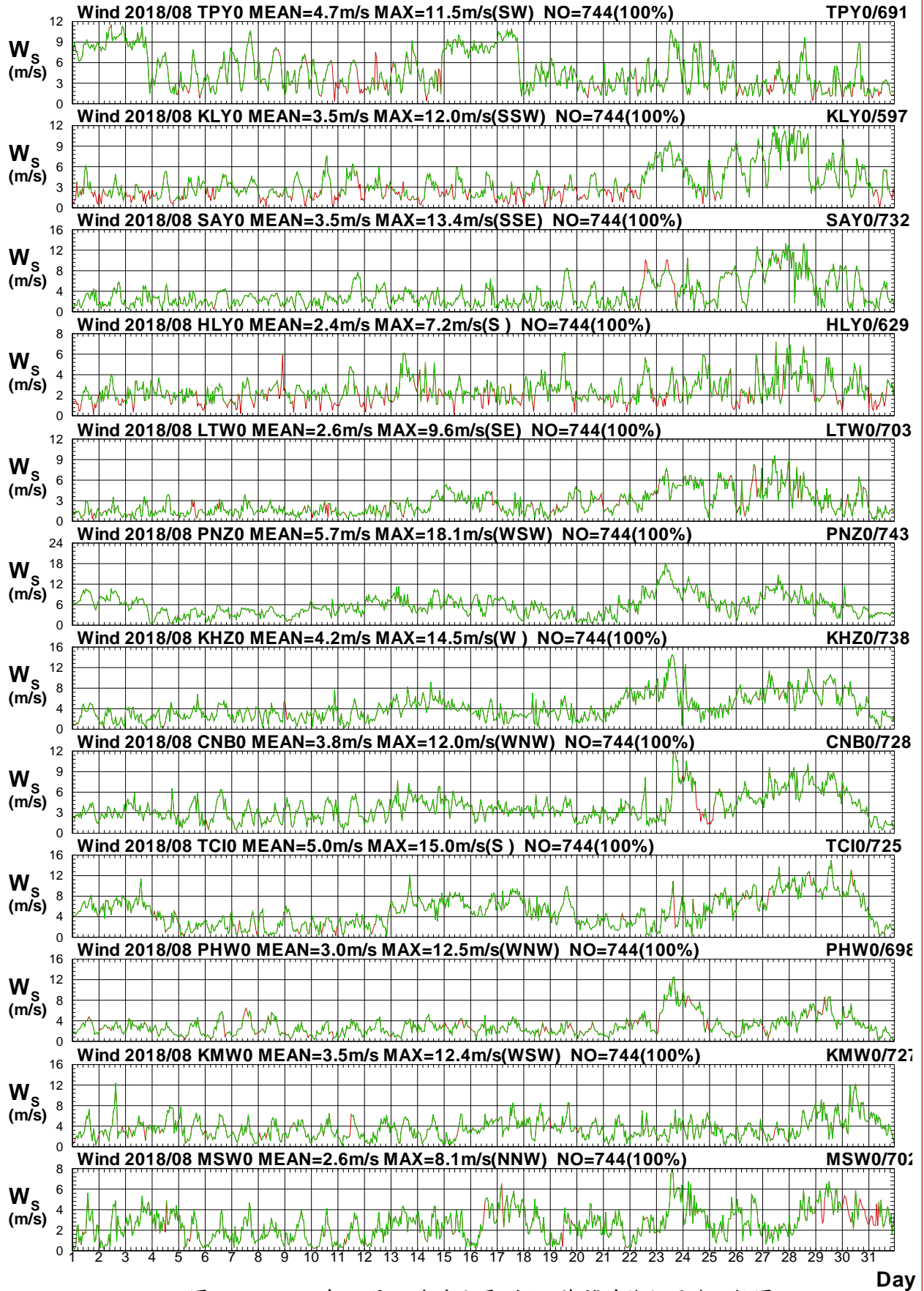


圖 7.33 2018 年 8 月 12 海域主要測站 2 修補前後之風速比較圖

W188TPY0.1HA W188TPY0.1HO W188KLY0.1HA W188KLY0.1HO W188SAY0.1HA W188SAY0.1HO
 W188HLY0.1HA W188HLY0.1HO W188LTW0.1HA W188LTW0.1HO W188PNZ0.1HA W188PNZ0.1HO

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Twelve Seas Wind Direction at 2018/08

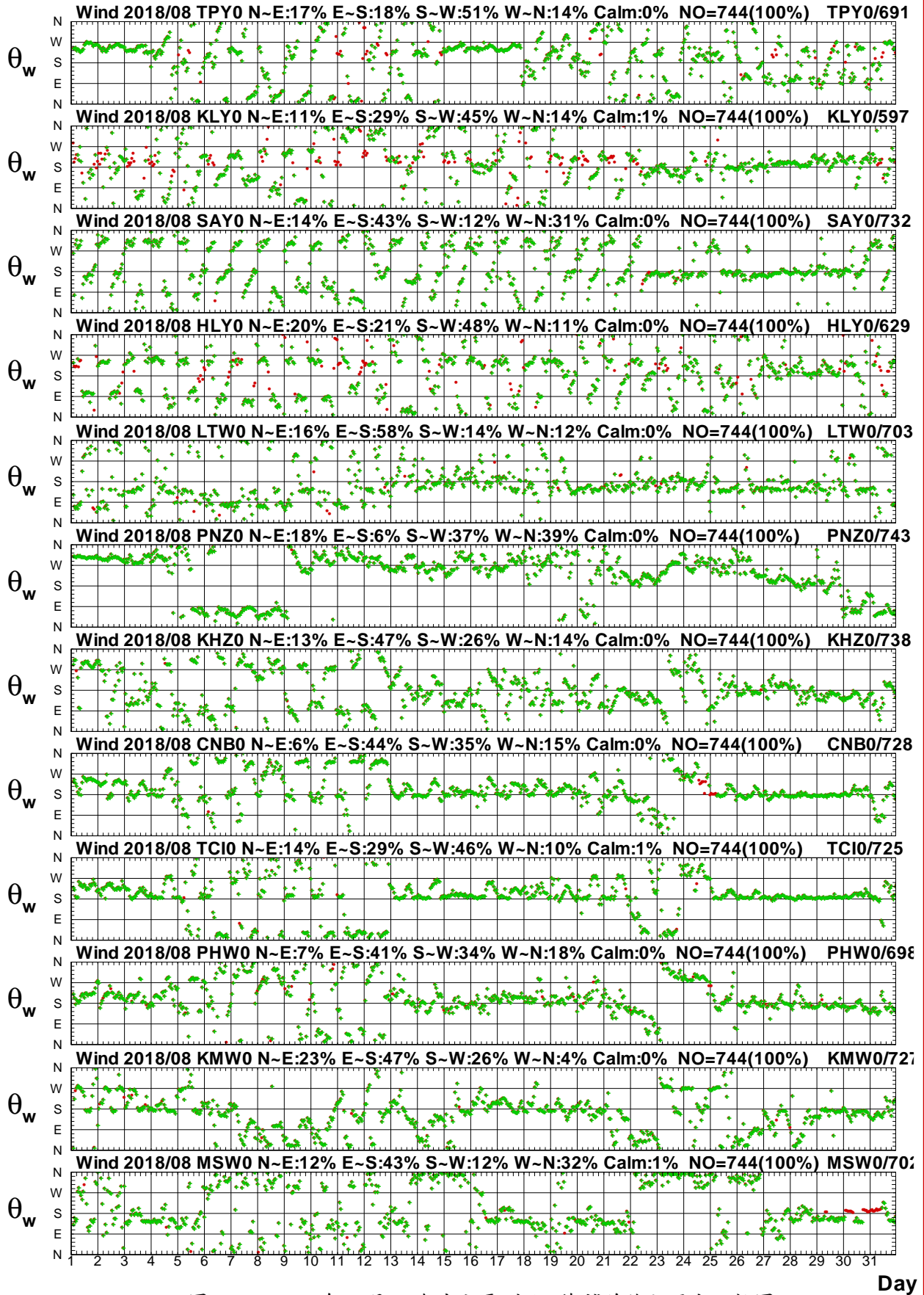


圖7.34 2018年8月12海域主要測站2修補前後之風向比較圖

W188TPY0.1HA W188TPY0.1HO W188KLY0.1HA W188KLY0.1HO W188SAY0.1HA W188SAY0.1HO
 W188HLY0.1HA W188HLY0.1HO W188LTW0.1HA W188LTW0.1HO W188PNZ0.1HA W188PNZ0.1HO

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Twelve Seas E-component of Wind at 2018/08

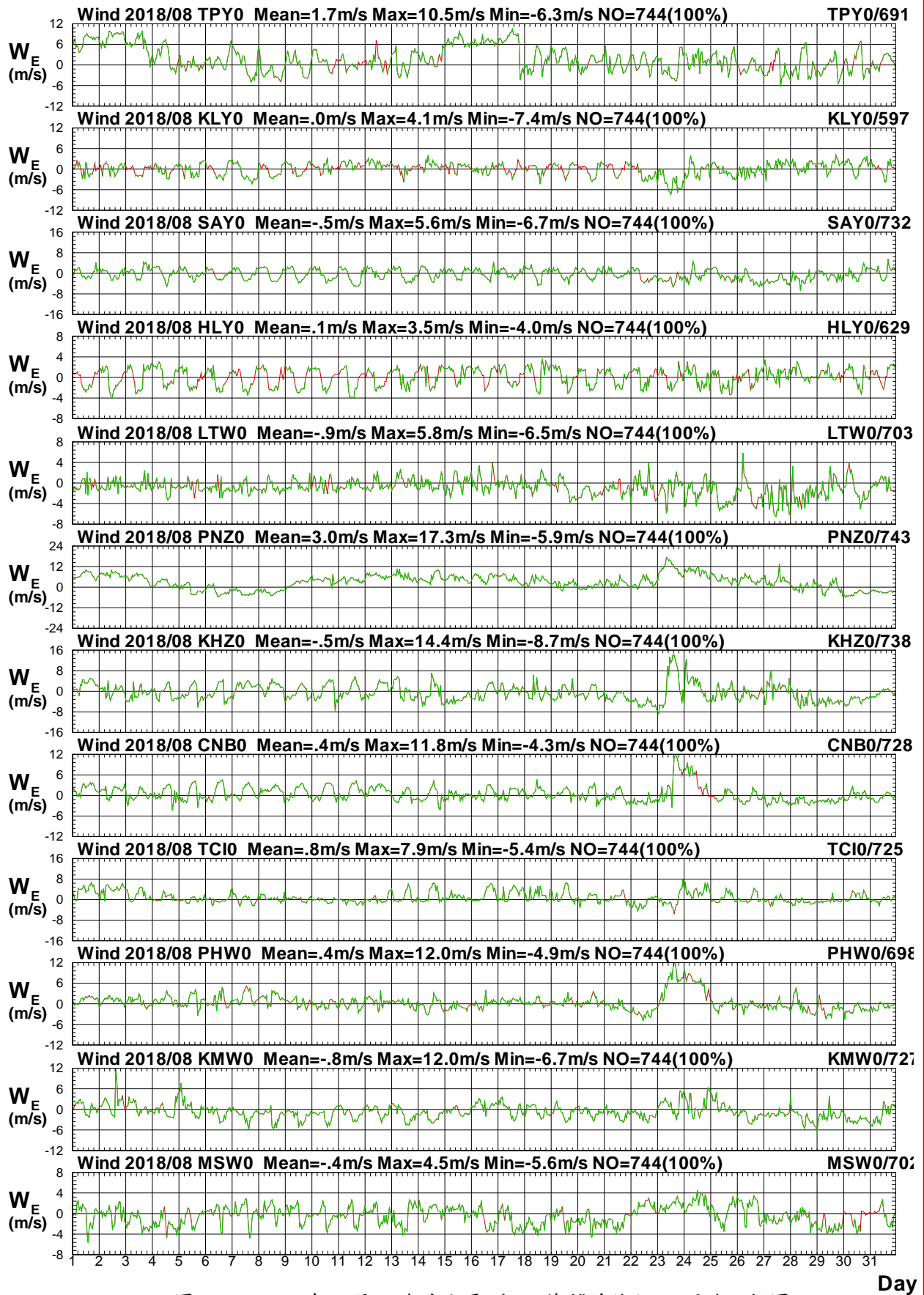


圖 7.35 2018 年 8 月 12 海域主要測站 2 修補前後之 E-風速比較圖

W188TPY0.1HA W188TPY0.1HO W188KLY0.1HA W188KLY0.1HO W188SAY0.1HA W188SAY0.1HO
 W188HLY0.1HA W188HLY0.1HO W188LTW0.1HA W188LTW0.1HO W188PNZ0.1HA W188PNZ0.1HO

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Twelve Seas N-component of Wind at 2018/08

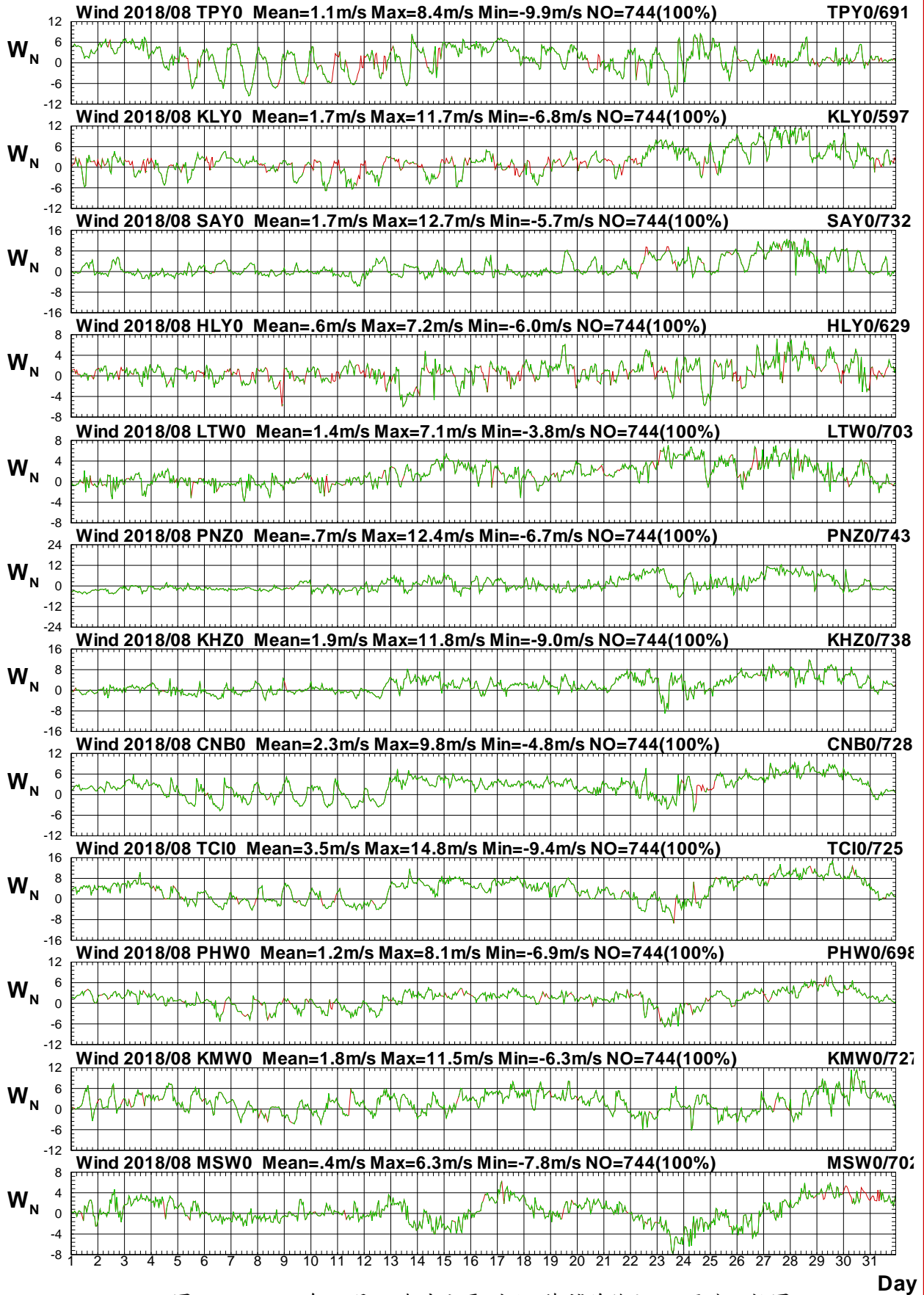


圖7.36 2018年8月12海域主要測站2修補前後之 N-風速比較圖

W188TPY0.1HA W188TPY0.1HO W188KLY0.1HA W188KLY0.1HO W188SAY0.1HA W188SAY0.1HO
 W188HLY0.1HA W188HLY0.1HO W188LTW0.1HA W188LTW0.1HO W188PNZ0.1HA W188PNZ0.1HO

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Twelve Seas Wind Speed at 2018/09

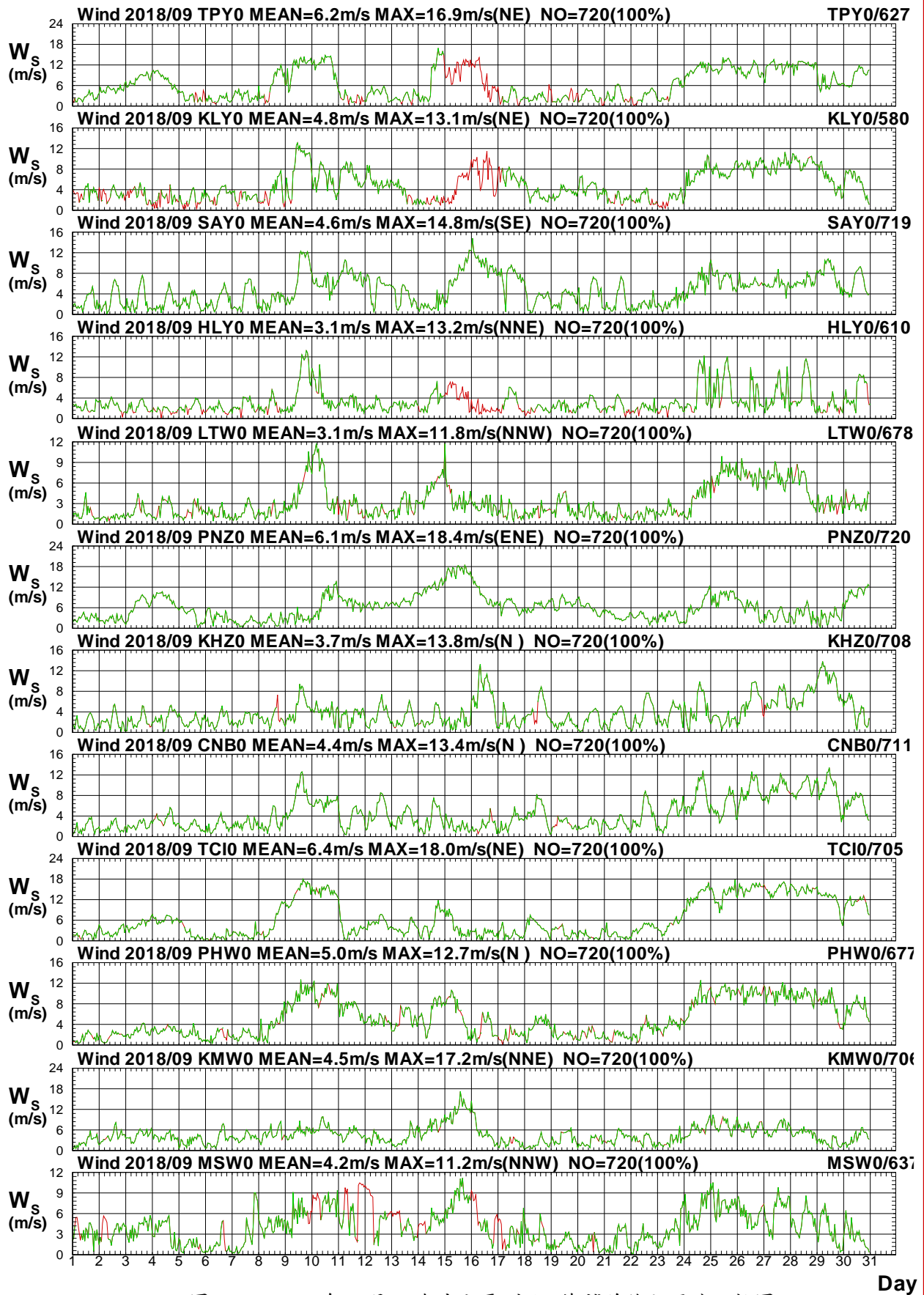


圖7.37 2018年9月12海域主要測站2修補前後之風速比較圖

W189TPY0.1HA W189TPY0.1HO W189KLY0.1HA W189KLY0.1HO W189SAY0.1HA W189SAY0.1HO
 W189HLY0.1HA W189HLY0.1HO W189LTW0.1HA W189LTW0.1HO W189PNZ0.1HA W189PNZ0.1HO

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Twelve Seas Wind Direction at 2018/09

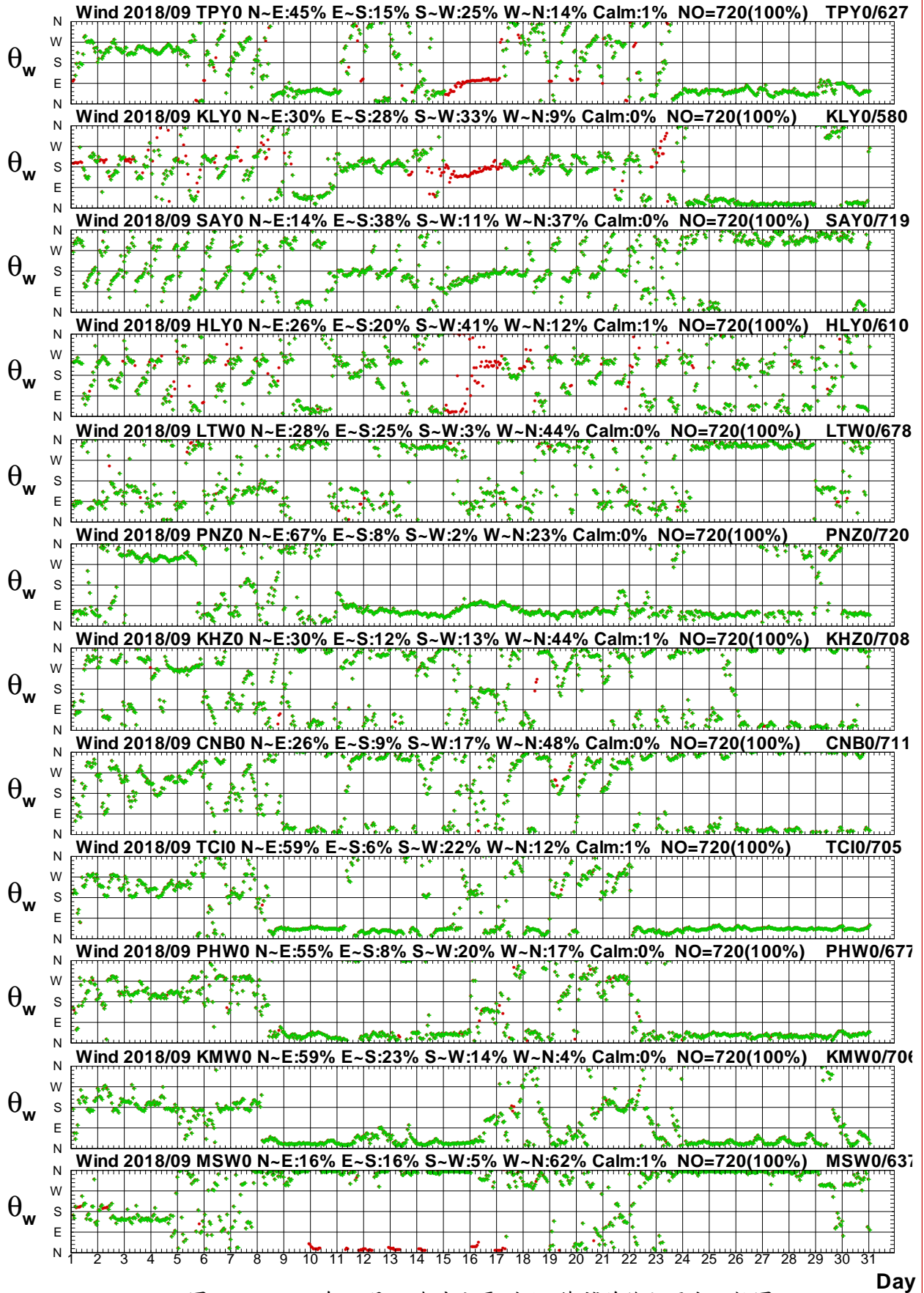


圖7.38 2018年9月12海域主要測站2修補前後之風向比較圖

W189TPY0.1HA W189TPY0.1HO W189KLY0.1HA W189KLY0.1HO W189SAY0.1HA W189SAY0.1HO
 W189HLY0.1HA W189HLY0.1HO W189LTW0.1HA W189LTW0.1HO W189PNZ0.1HA W189PNZ0.1HO

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Twelve Seas E-component of Wind at 2018/09

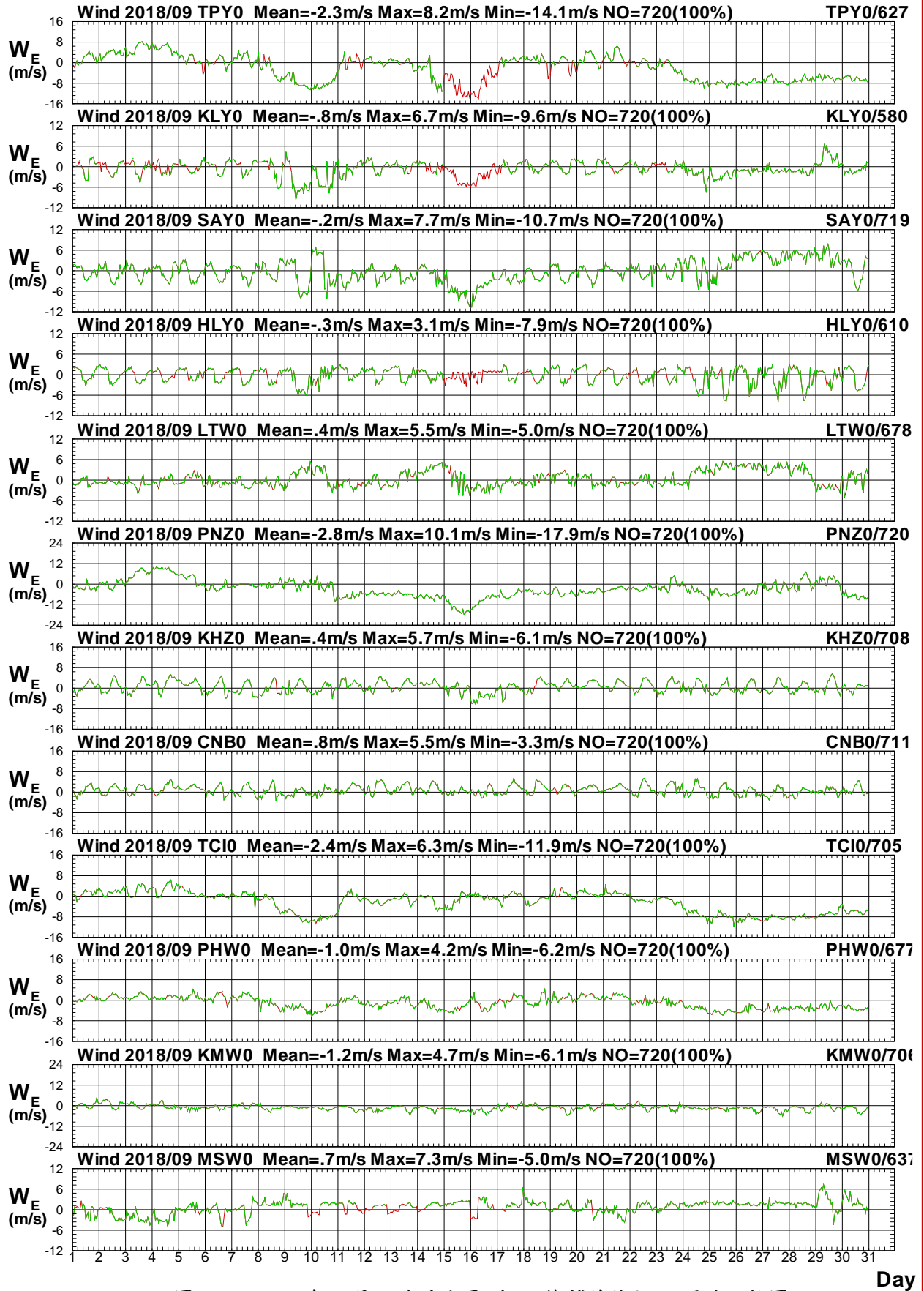


圖7.39 2018年9月12海域主要測站2修補前後之E-風速比較圖

W189TPY0.1HA W189TPY0.1HO W189KLY0.1HA W189KLY0.1HO W189SAY0.1HA W189SAY0.1HO
 W189HLY0.1HA W189HLY0.1HO W189LTW0.1HA W189LTW0.1HO W189PNZ0.1HA W189PNZ0.1HO

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Twelve Seas N-component of Wind at 2018/09

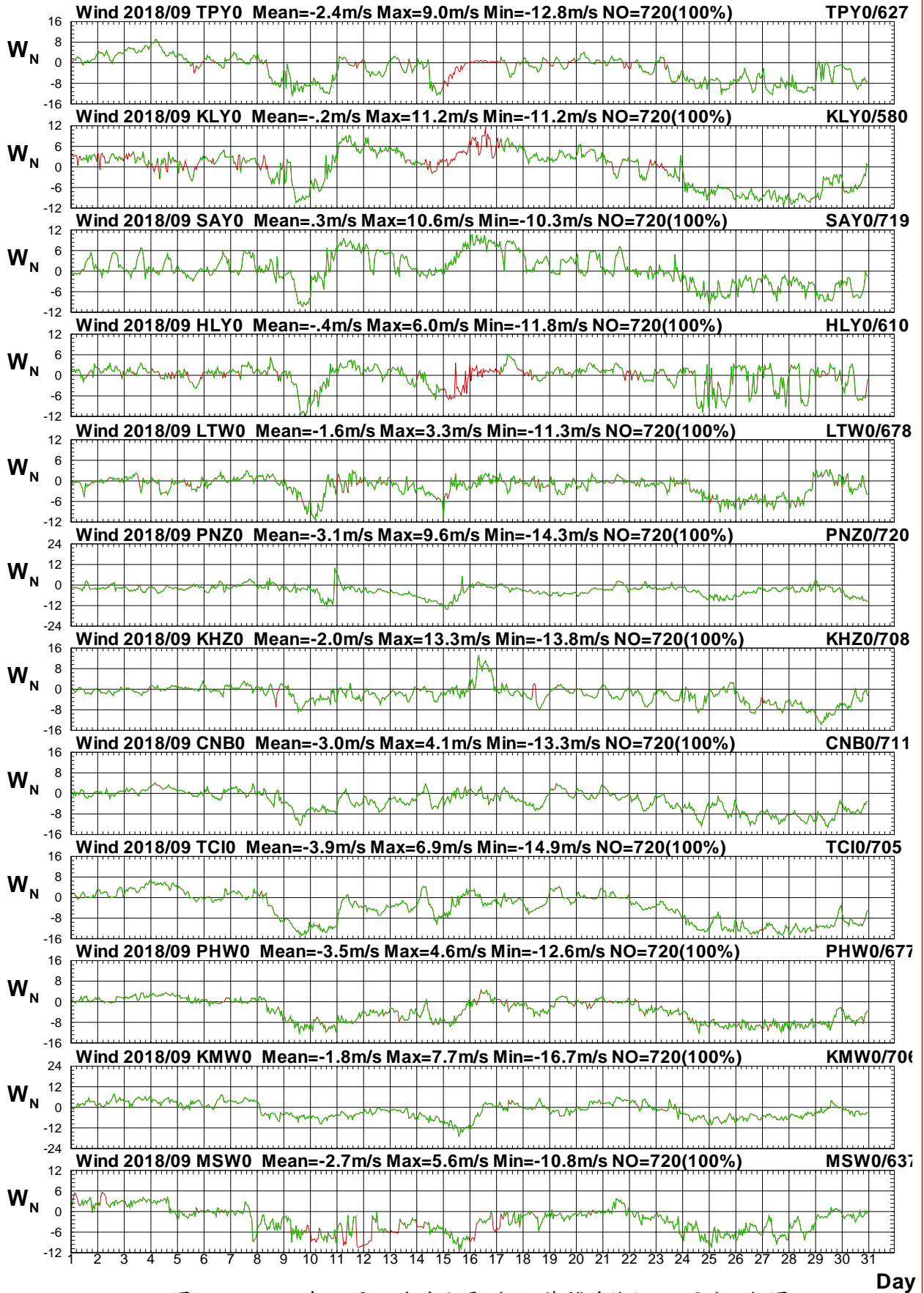


圖7.40 2018年9月12海域主要測站2修補前後之 N-風速比較圖

W189TPY0.1HA W189TPY0.1HO W189KLY0.1HA W189KLY0.1HO W189SAY0.1HA W189SAY0.1HO
 W189HLY0.1HA W189HLY0.1HO W189LTW0.1HA W189LTW0.1HO W189PNZ0.1HA W189PNZ0.1HO

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Twelve Seas Wind Speed at 2018/10

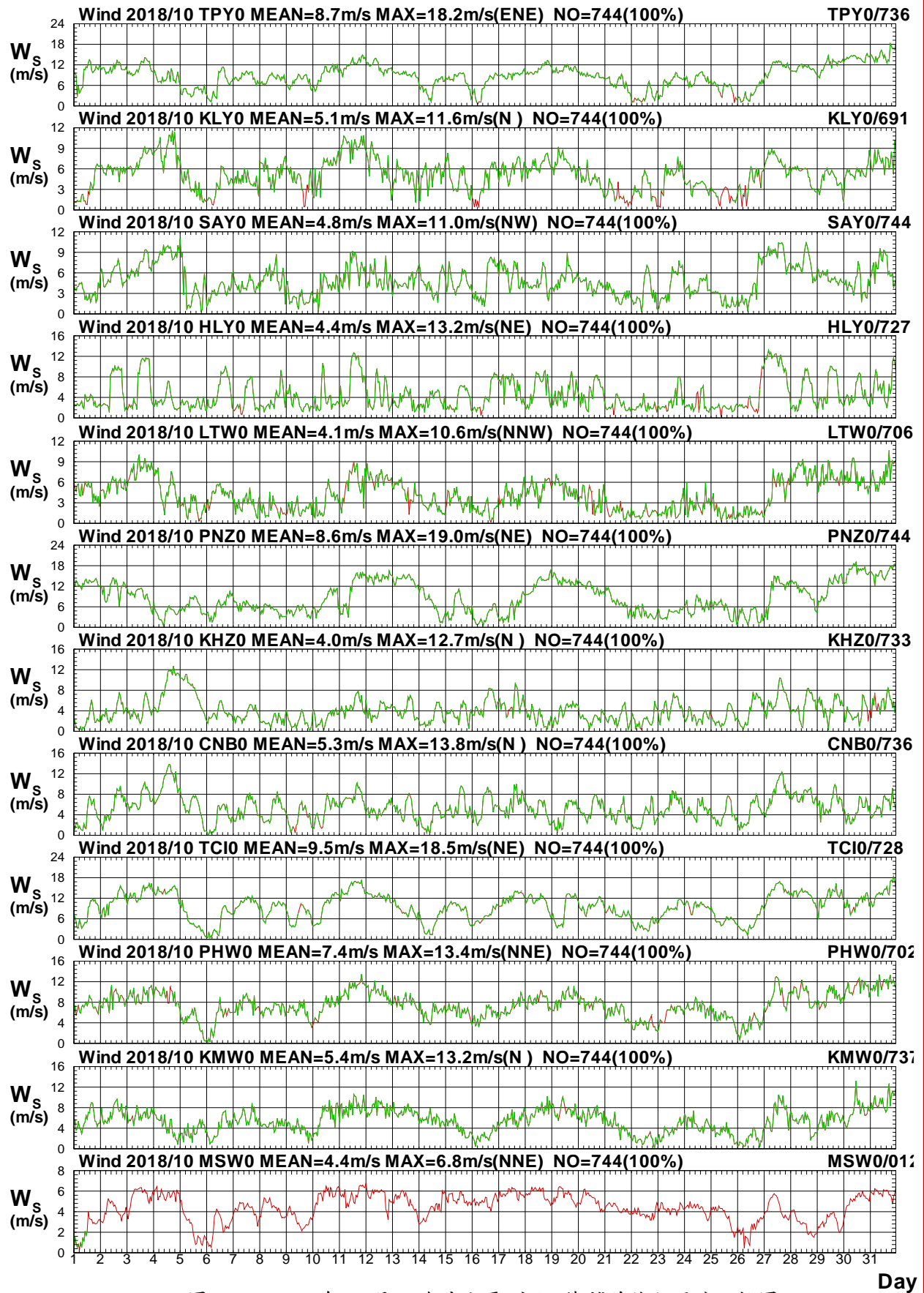


圖7.41 2018年10月12海域主要測站2修補前後之風速比較圖

W18ATPY0.1HA W18ATPY0.1HO W18AKLY0.1HA W18AKLY0.1HO W18ASAY0.1HA W18ASAY0.1HO
W18AHLY0.1HA W18AHLY0.1HO W18ALTW0.1HA W18ALTW0.1HO W18APNZ0.1HA W18APNZ0.1HO

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Twelve Seas Wind Direction at 2018/10

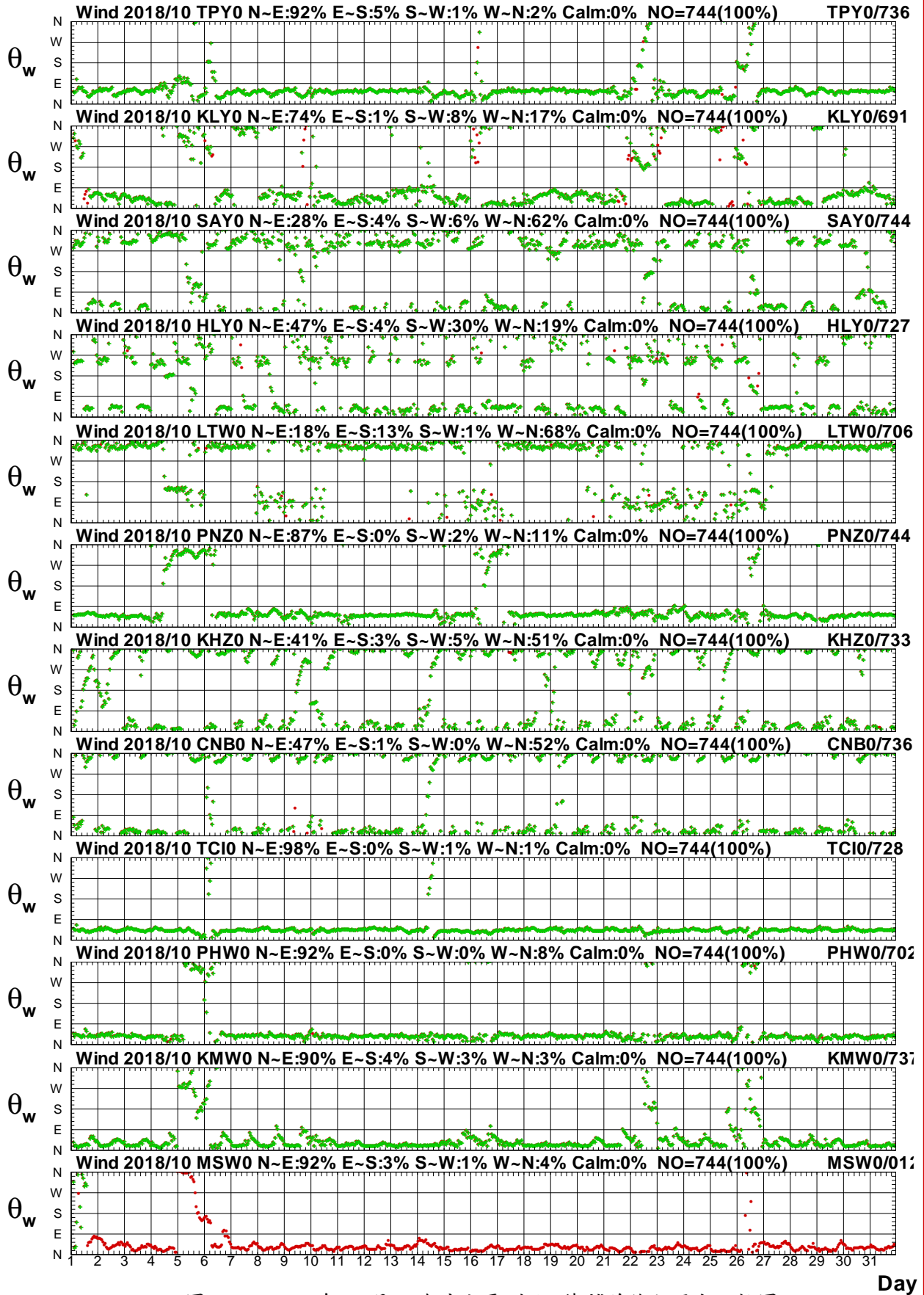


圖 7.42 2018 年 10 月 12 海域主要測站 2 修補前後之風向比較圖

W18ATPY0.1HA W18ATPY0.1H0 W18AKLY0.1HA W18AKLY0.1H0 W18ASAY0.1HA W18ASAY0.1H0
 W18AHLY0.1HA W18AHLY0.1H0 W18ALTW0.1HA W18ALTW0.1H0 W18APNZ0.1HA W18APNZ0.1H0

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Twelve Seas E-component of Wind at 2018/10

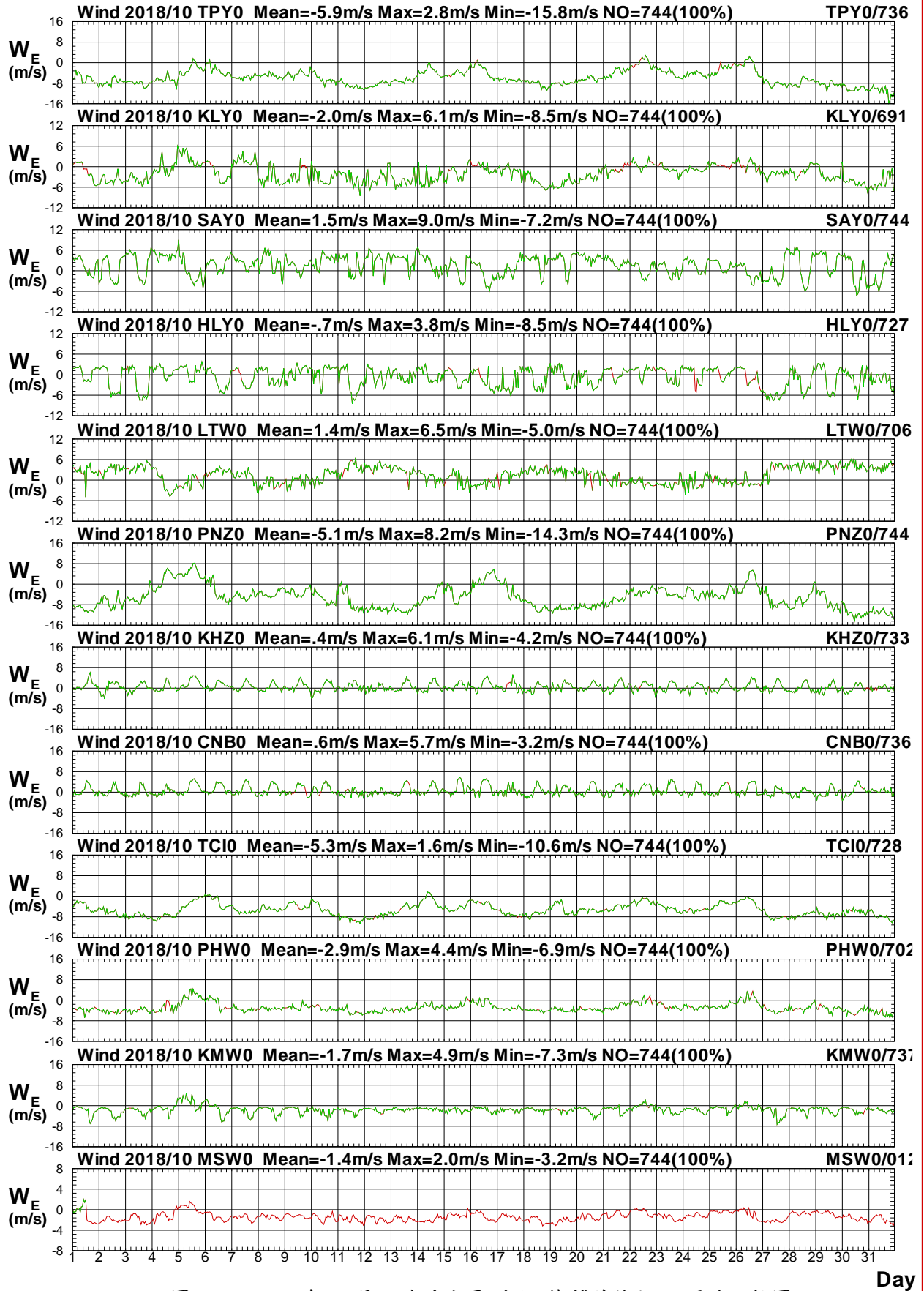


圖7.43 2018年10月12海域主要測站2修補前後之 E-風速比較圖

W18ATPY0.1HA W18ATPY0.1HO W18AKLY0.1HA W18AKLY0.1HO W18ASAY0.1HA W18ASAY0.1HO
 W18AHLY0.1HA W18AHLY0.1HO W18ALTW0.1HA W18ALTW0.1HO W18APNZ0.1HA W18APNZ0.1HO

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Twelve Seas N-component of Wind at 2018/10

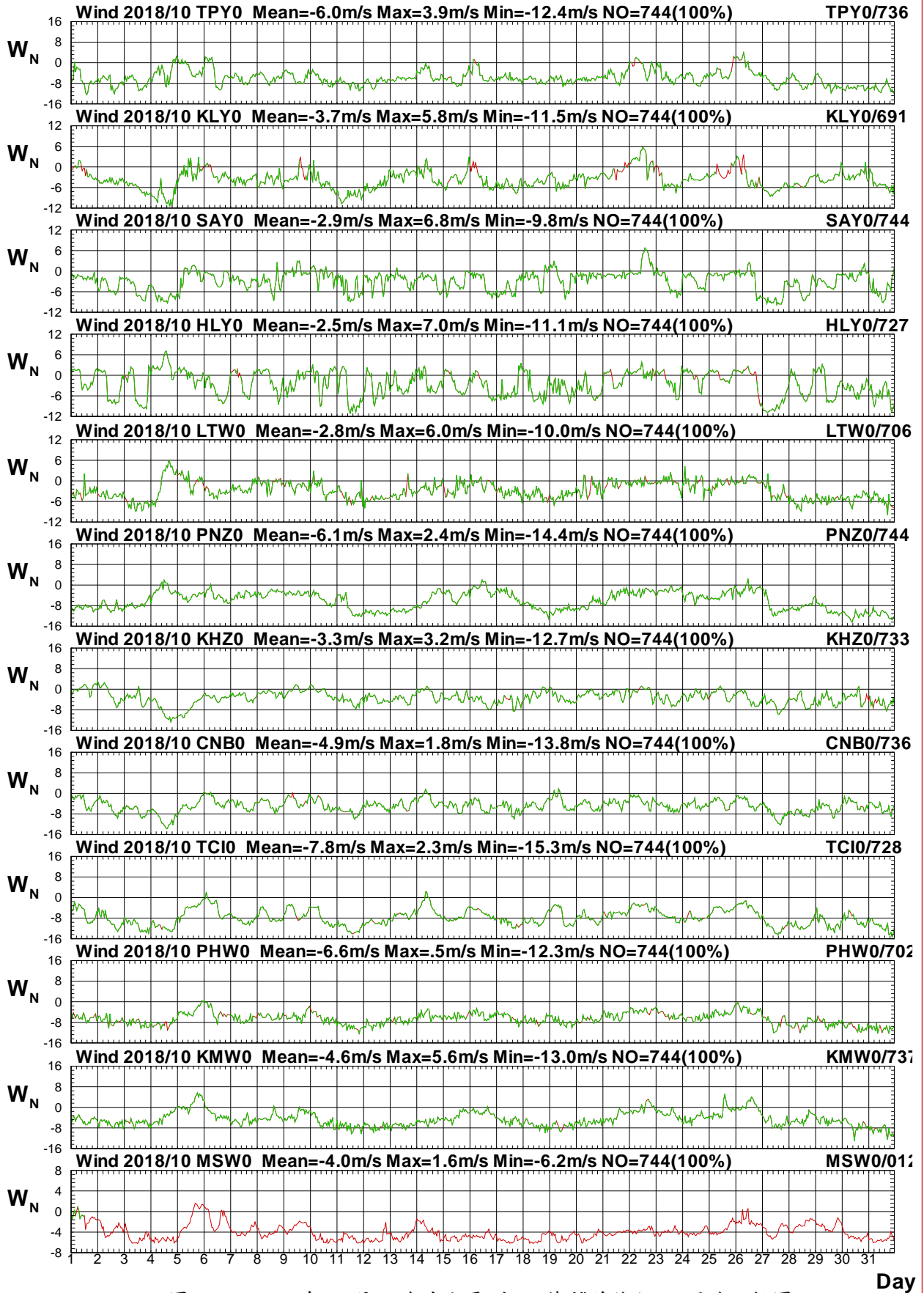


圖7.44 2018年10月12海域主要測站2修補前後之 N-風速比較圖

W18ATPY0.1HA W18ATPY0.1HO W18AKLY0.1HA W18AKLY0.1HO W18ASAY0.1HA W18ASAY0.1HO
 W18AHL0.1HA W18AHL0.1HO W18ALTW0.1HA W18ALTW0.1HO W18APNZ0.1HA W18APNZ0.1HO

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Twelve Seas Wind Speed at 2018/11

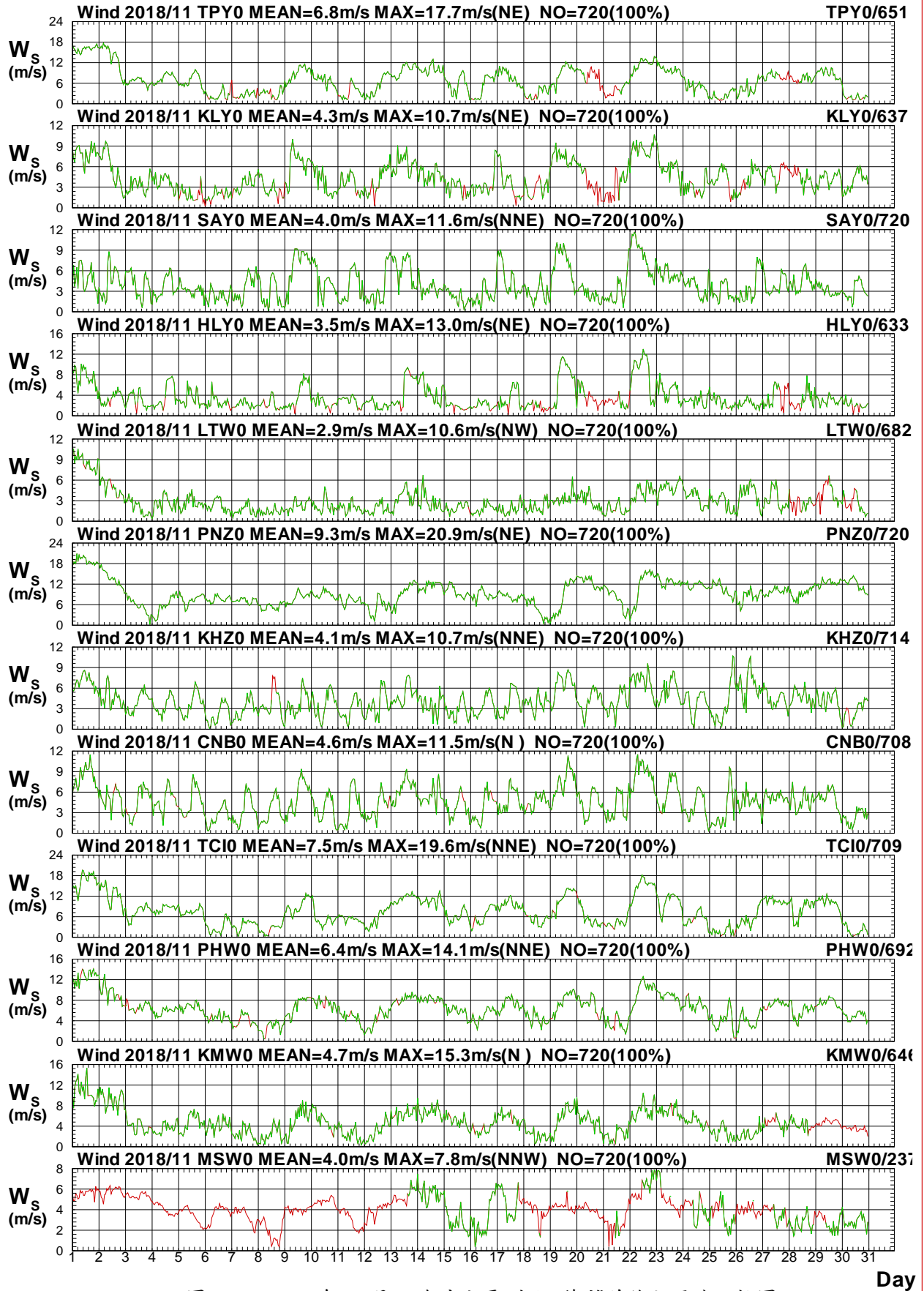


圖 7.45 2018 年 11 月 12 海域主要測站 2 修補前後之風速比較圖

W18BTPY0.1HA W18BTPY0.1H0 W18BKLY0.1HA W18BKLY0.1H0 W18BSAY0.1HA W18BSAY0.1H0
 W18BHLY0.1HA W18BHLY0.1H0 W18BLTW0.1HA W18BLTW0.1H0 W18BPNZ0.1HA W18BPNZ0.1H0

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Twelve Seas Wind Direction at 2018/11

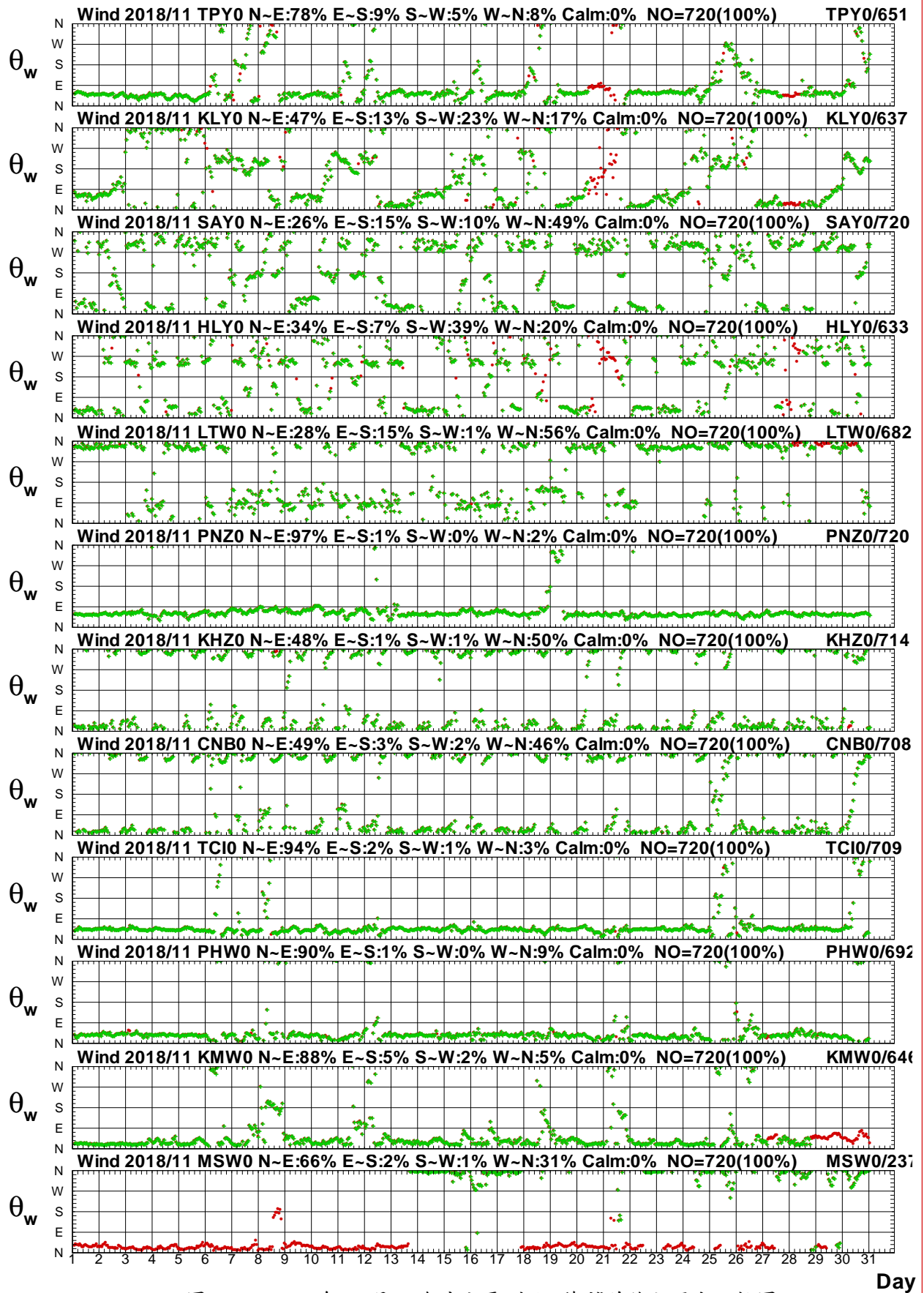


圖7.46 2018年11月12海域主要測站2修補前後之風向比較圖

W18BTPY0.1HA W18BTPY0.1HO W18BKLY0.1HA W18BKLY0.1HO W18BSAY0.1HA W18BSAY0.1HO
 W18BHLY0.1HA W18BHLY0.1HO W18BLTW0.1HA W18BLTW0.1HO W18BPNZ0.1HA W18BPNZ0.1HO

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Twelve Seas E-component of Wind at 2018/11

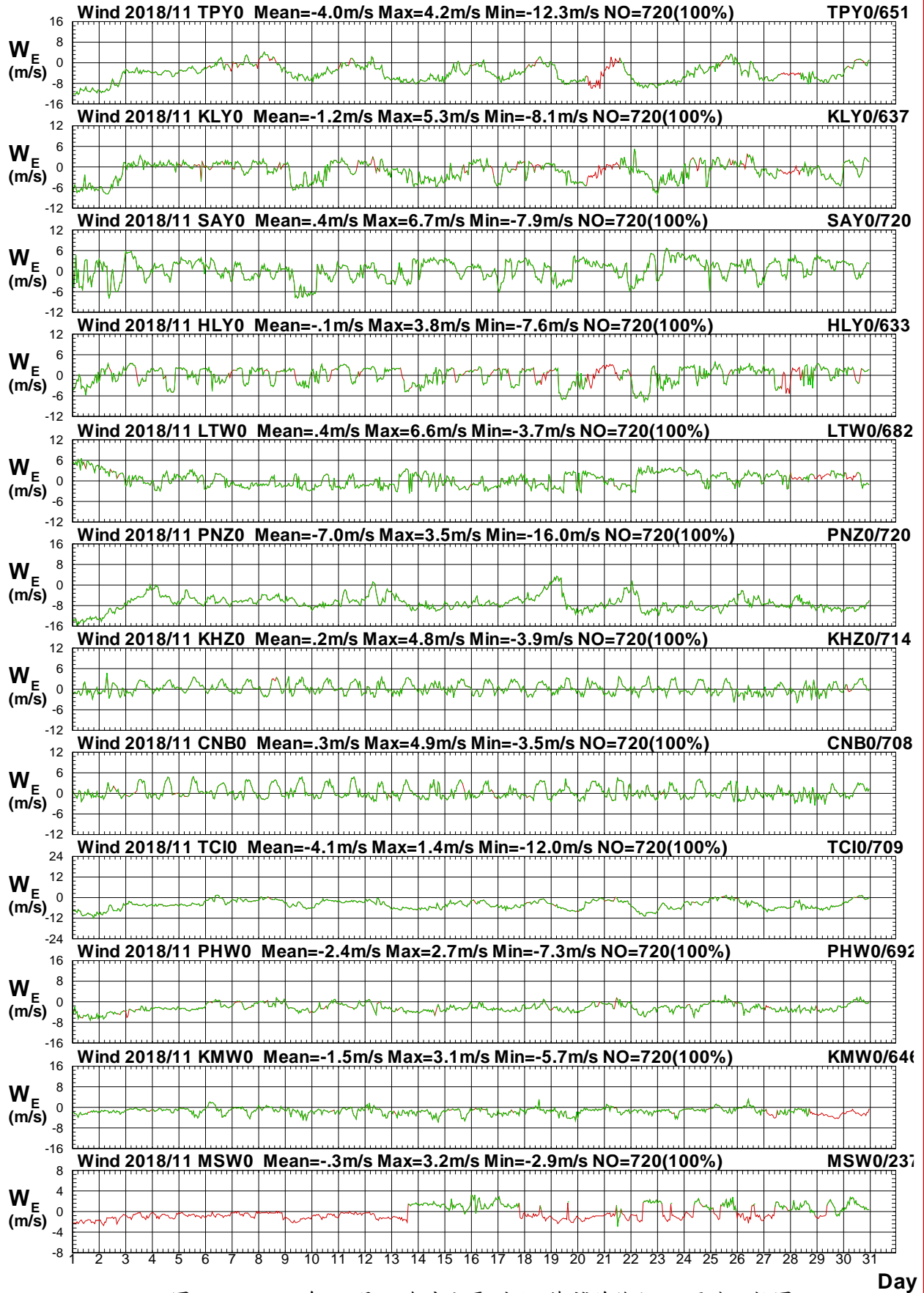


圖7.47 2018年11月12海域主要測站2修補前後之 E-風速比較圖

W18BTPY0.1HA W18BTPY0.1HO W18BKLY0.1HA W18BKLY0.1HO W18BSAY0.1HA W18BSAY0.1HO
W18BHLY0.1HA W18BHLY0.1HO W18BLTW0.1HA W18BLTW0.1HO W18BPNZ0.1HA W18BPNZ0.1HO

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Twelve Seas N-component of Wind at 2018/11

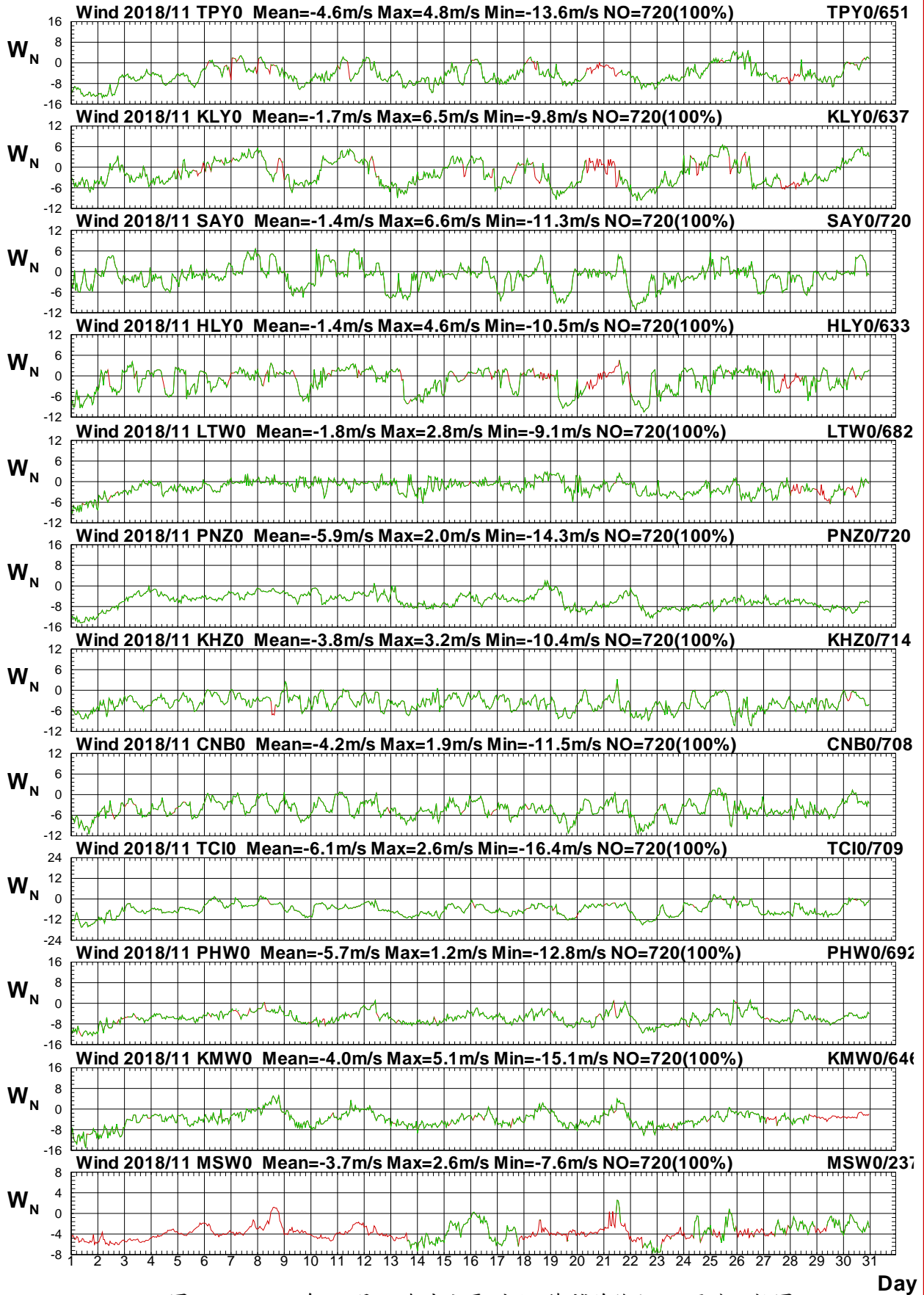


圖7.48 2018年11月12海域主要測站2修補前後之 N-風速比較圖

W18BTPY0.1HA W18BTPY0.1HO W18BKLY0.1HA W18BKLY0.1HO W18BSAY0.1HA W18BSAY0.1HO
W18BHLY0.1HA W18BHLY0.1HO W18BLTW0.1HA W18BLTW0.1HO W18BPNZ0.1HA W18BPNZ0.1HO

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第八章 2018 年 12 海域風力主要測站 2 修補前後風力向量分佈圖

(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)

(馬祖海域)

Distribution of Wind Vectors

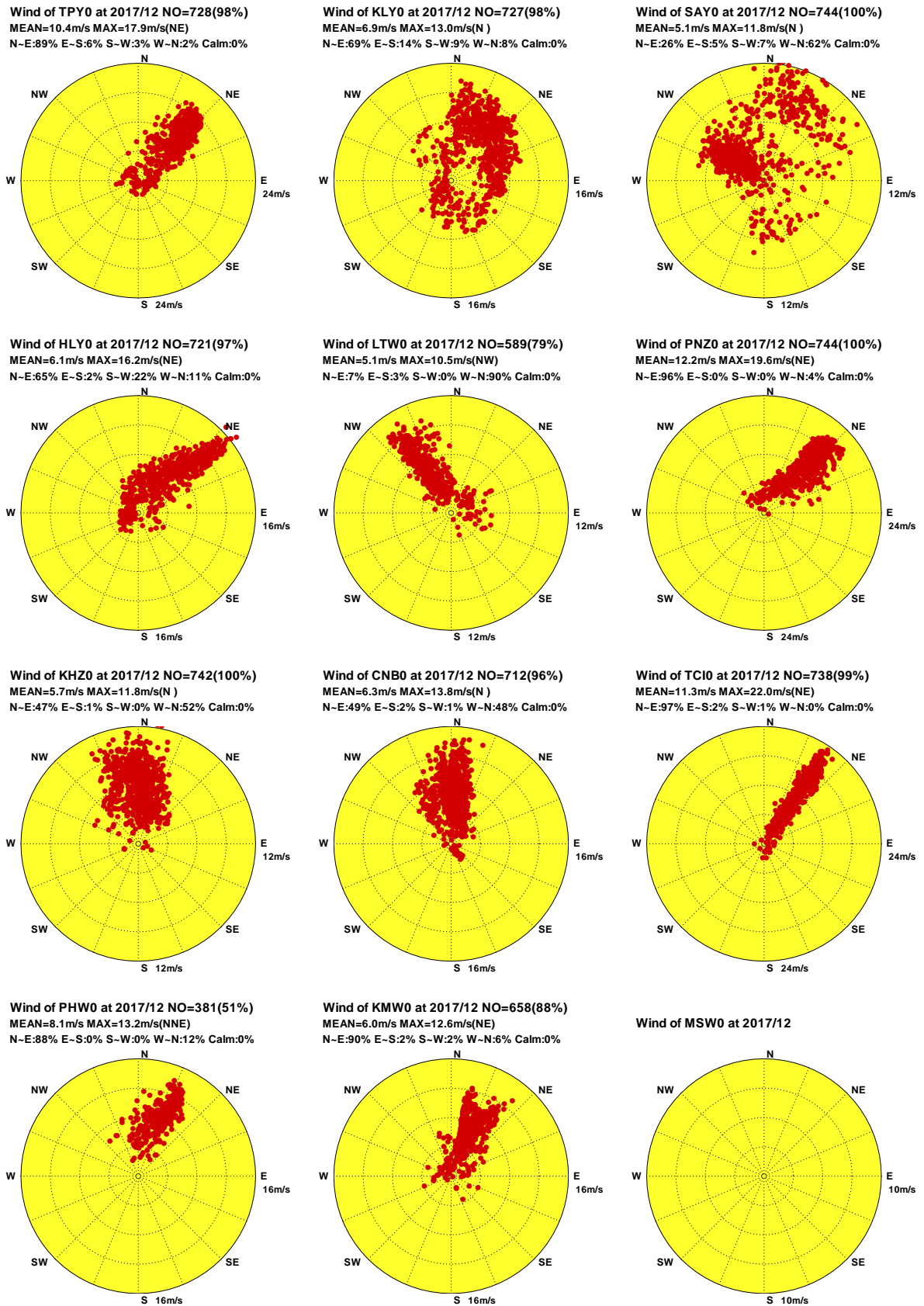


圖8.1a 2017年12月12海域主要測站2修補前觀測風向量分佈圖

W17CTPY0.1H0 W17CKLY0.1H0 W17CSAY0.1H0 W17CHLY0.1H0 W17CLTW0.1H0 W17CPNZ0.1H0
 W17CKHZ0.1H0 W17CCNB0.1H0 W17CTCI0.1H0 W17CPHW0.1H0 W17CKMW0.1H0 W17CMSW0.1H0

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Distribution of Wind Vectors

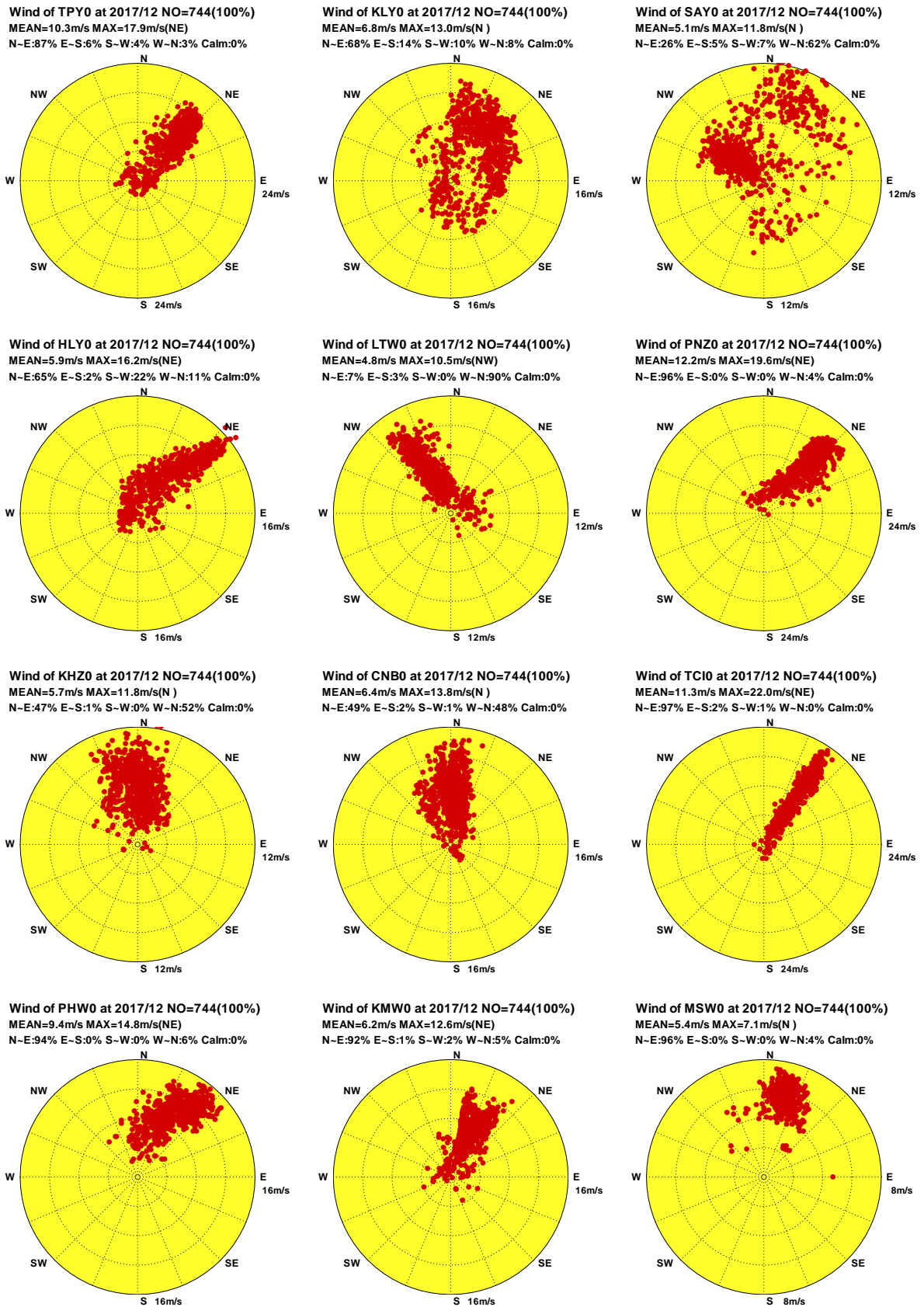


圖8.1b 2017年12月12海域主要測站2修補後觀測風向量分佈圖

W17CTPY0.1HA W17CKLY0.1HA W17CSAY0.1HA W17CHLY0.1HA W17CLTW0.1HA W17CPNZ0.1HA
 W17CKHZ0.1HA W17CCNB0.1HA W17CTCI0.1HA W17CPHW0.1HA W17CKMW0.1HA W17CMSW0.1HA

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Distribution of Wind Vectors

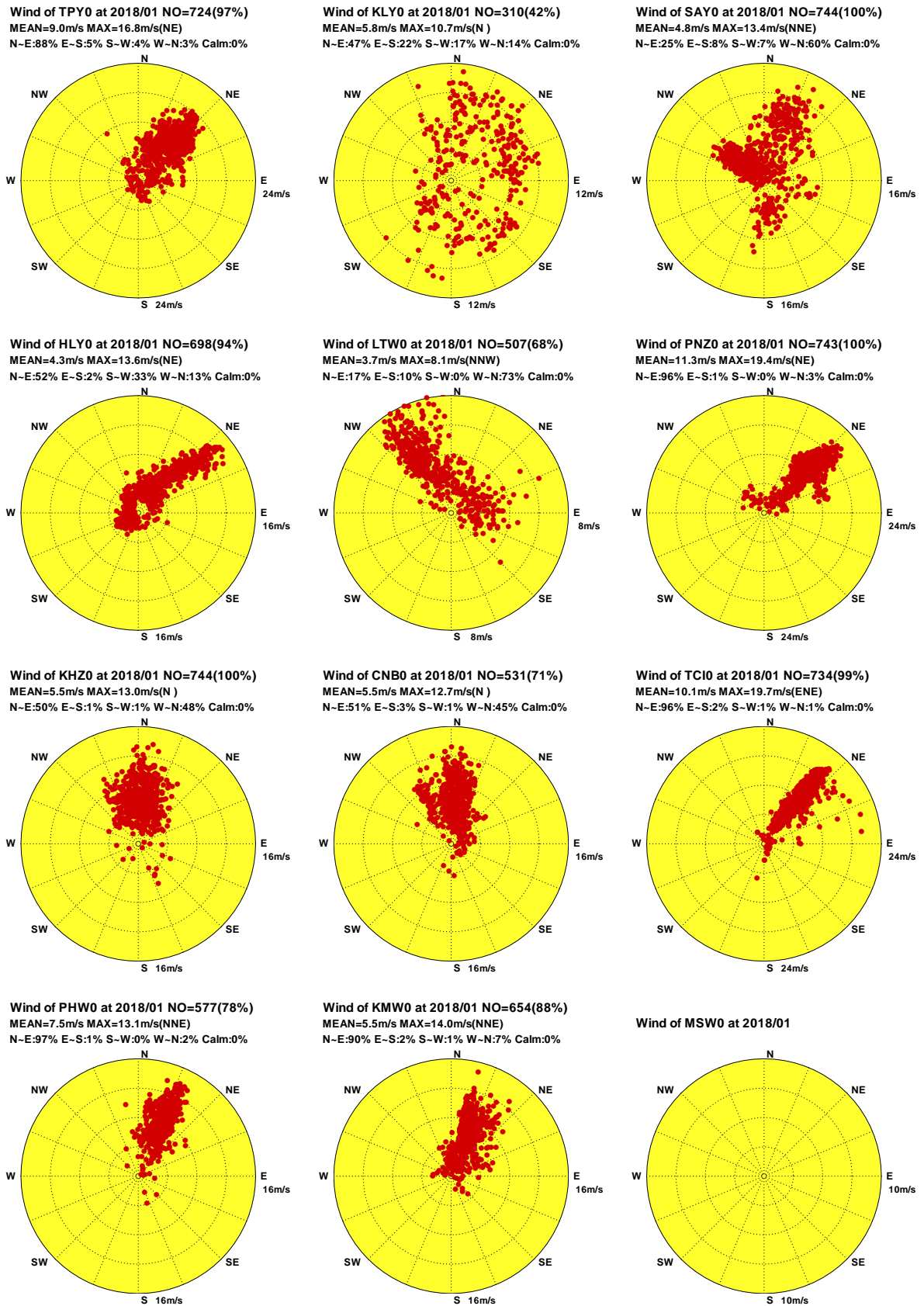


圖8.2a 2018年1月12海域主要測站2修補前觀測風向量分佈圖

W181TPY0.1H0 W181KLY0.1H0 W181SAY0.1H0 W181HLY0.1H0 W181LTW0.1H0 W181PNZ0.1H0
W181KHZ0.1H0 W181CNB0.1H0 W181TCI0.1H0 W181PHW0.1H0 W181KMW0.1H0 W181MSW0.1H0

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Distribution of Wind Vectors

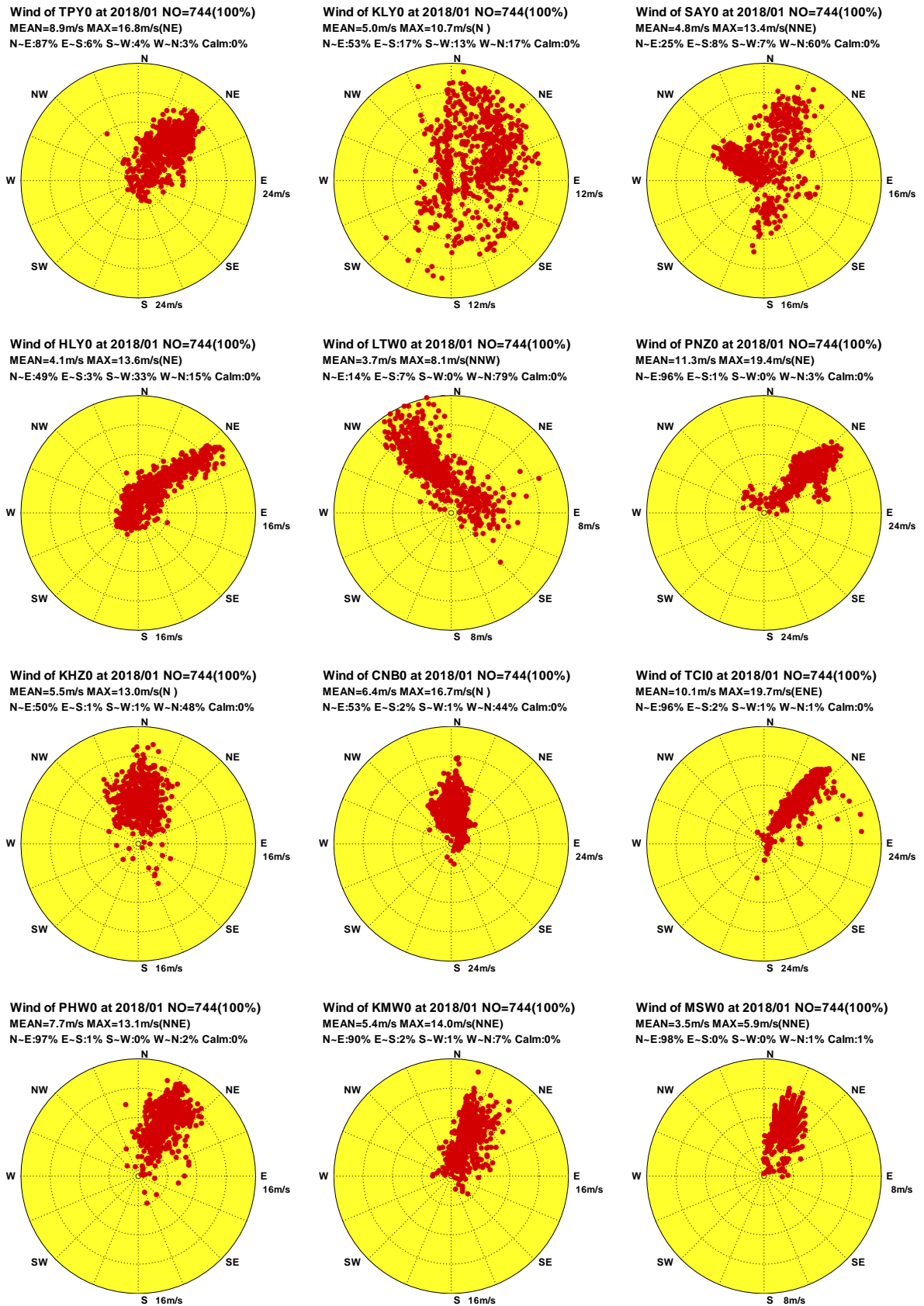


圖8.2b 2018年1月12海域主要測站2修補後觀測風向量分佈圖

W181TPY0.1HA W181KLY0.1HA W181SAY0.1HA W181HLY0.1HA W181LTW0.1HA W181PNZ0.1HA
W181KHZ0.1HA W181CNB0.1HA W181TCI0.1HA W181PHW0.1HA W181KMW0.1HA W181MSW0.1HA

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Distribution of Wind Vectors

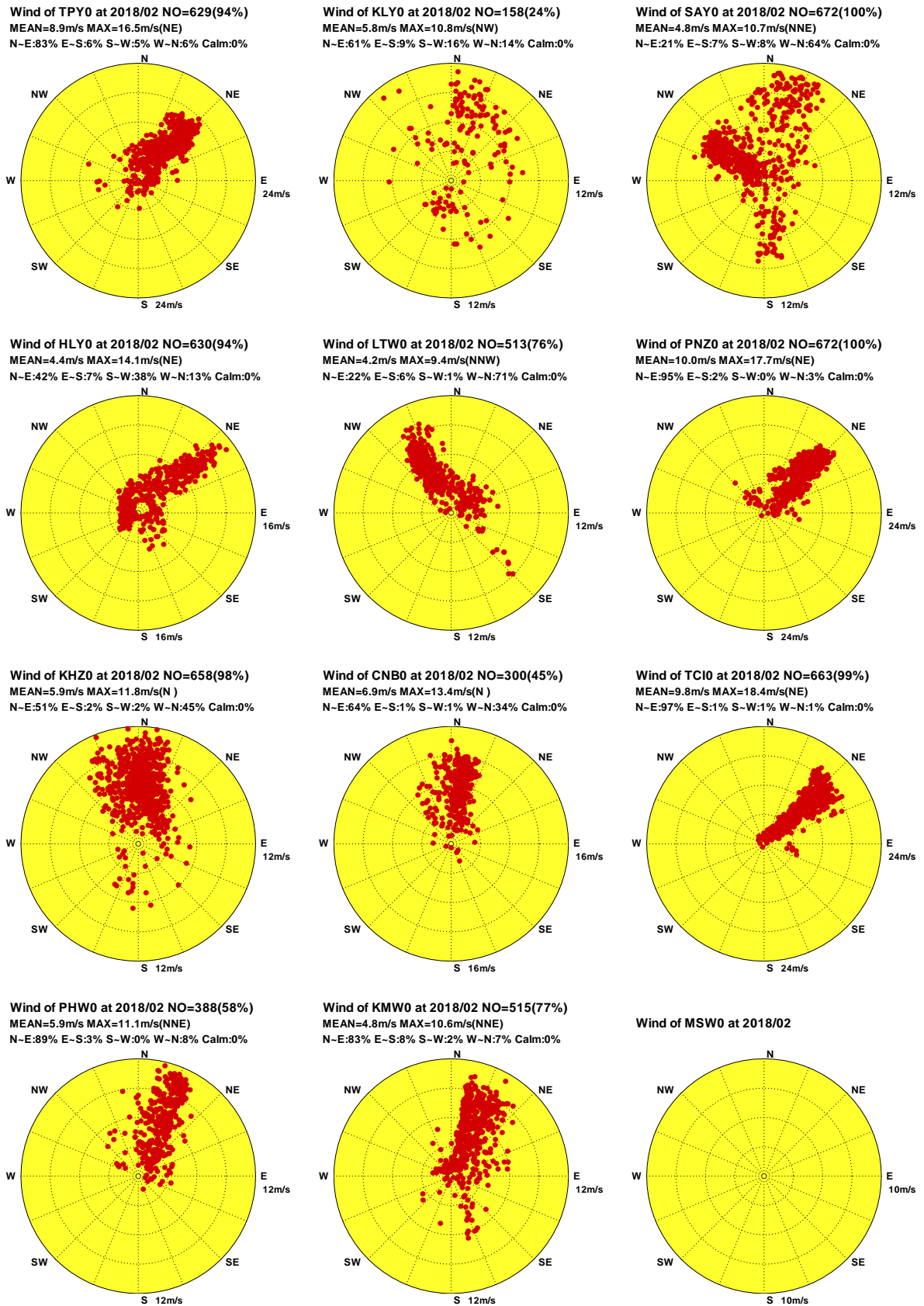


圖8.3a 2018年2月12海域主要測站2修補前觀測風向量分佈圖

W182TPY0.1H0 W182KLY0.1H0 W182SAY0.1H0 W182HLY0.1H0 W182LTW0.1H0 W182PNZ0.1H0
 W182KHZ0.1H0 W182CNB0.1H0 W182TCIO.1H0 W182PHW0.1H0 W182KMW0.1H0 W182MSW0.1H0

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Distribution of Wind Vectors

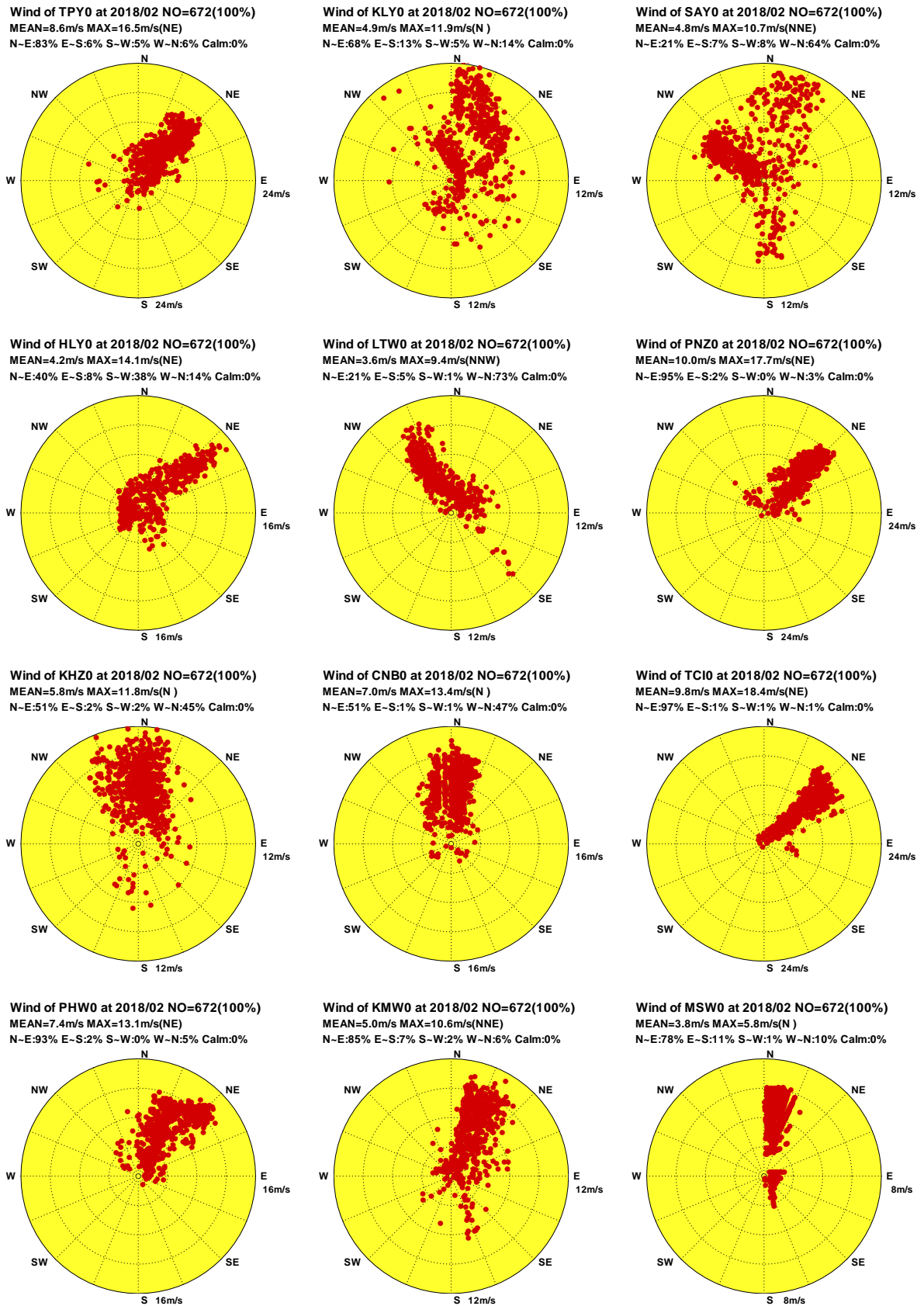


圖.8.3b 2018年2月12海域主要測站2修補後觀測風向量分佈圖

W182TPY0.1HA W182KLY0.1HA W182SAY0.1HA W182HLY0.1HA W182LTW0.1HA W182PNZ0.1HA
 W182KHZ0.1HA W182CNB0.1HA W182TCIO.1HA W182PHW0.1HA W182KMW0.1HA W182MSW0.1HA

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Distribution of Wind Vectors

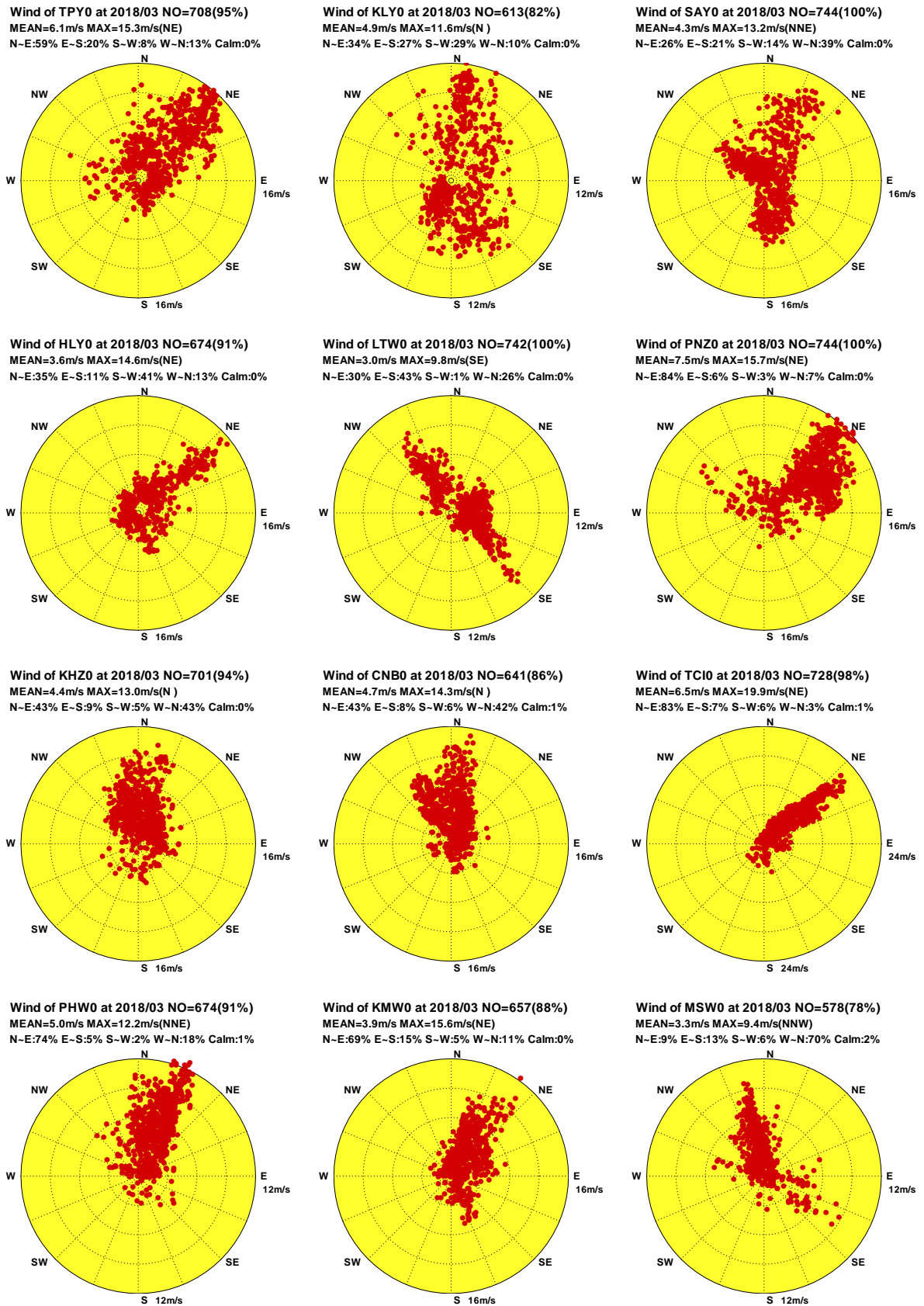


圖8.4a 2018年3月12海域主要測站2修補前觀測風向量分佈圖

W183TPY0.1H0 W183KLY0.1H0 W183SAY0.1H0 W183HLY0.1H0 W183LTW0.1H0 W183PNZ0.1H0
W183KHZ0.1H0 W183CNB0.1H0 W183TCI0.1H0 W183PHW0.1H0 W183KMW0.1H0 W183MSW0.1H0

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Distribution of Wind Vectors

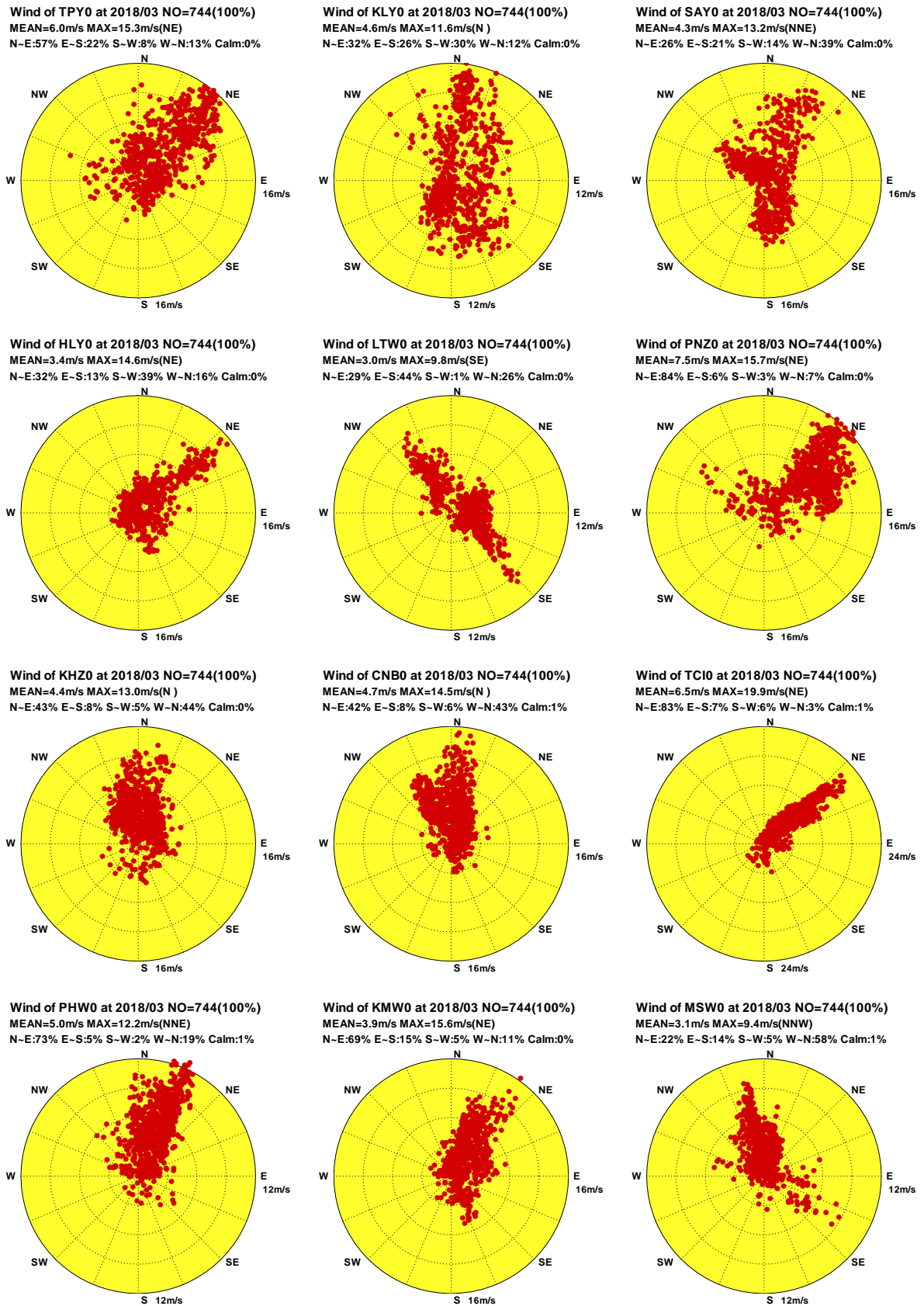


圖.8.4b 2018年3月12海域主要測站2修補後觀測風向量分佈圖

W183TPY0.1HA W183KLY0.1HA W183SAY0.1HA W183HLY0.1HA W183LTW0.1HA W183PNZ0.1HA
 W183KHZ0.1HA W183CNB0.1HA W183TCI0.1HA W183PHW0.1HA W183KMW0.1HA W183MSW0.1HA

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Distribution of Wind Vectors

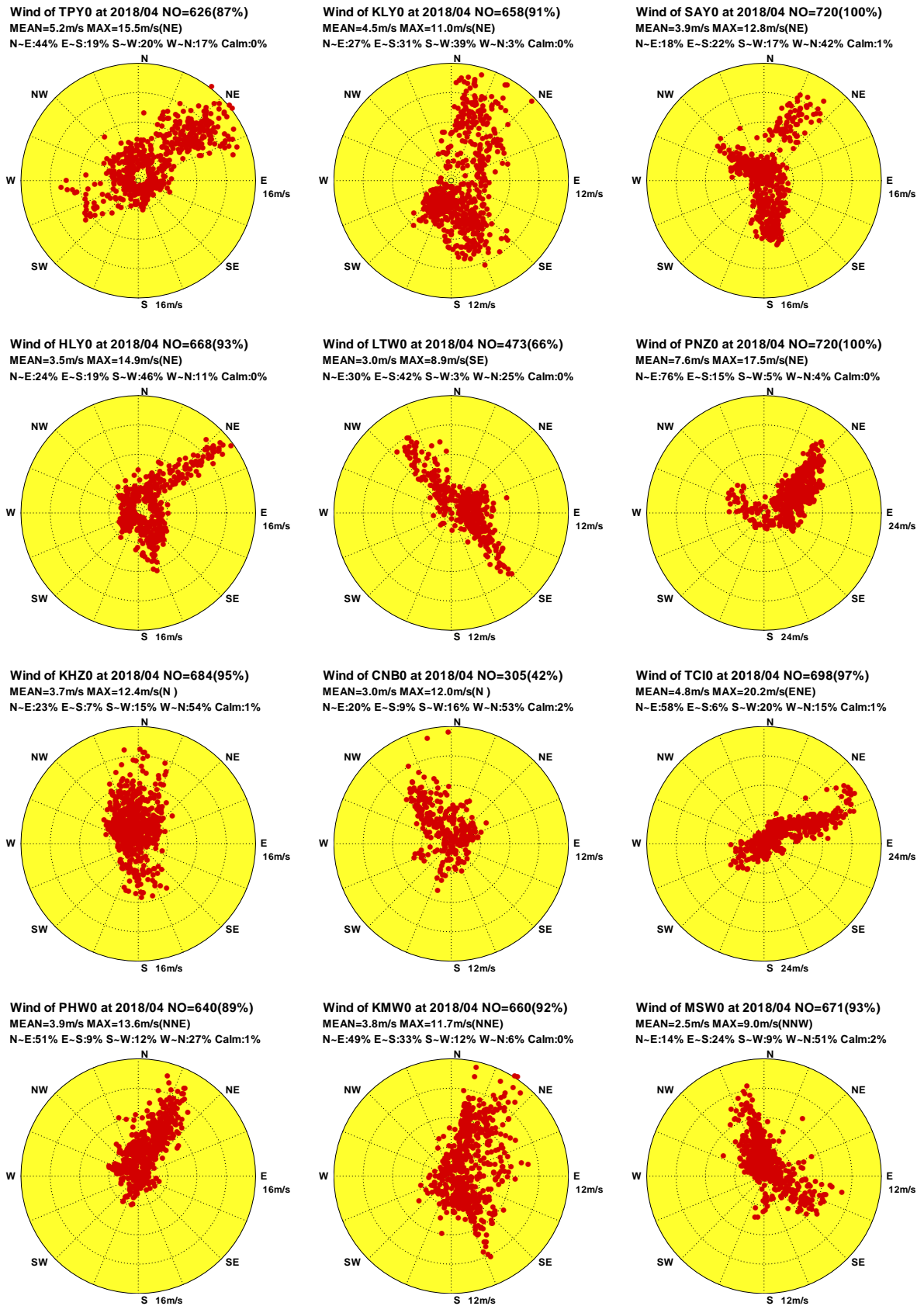


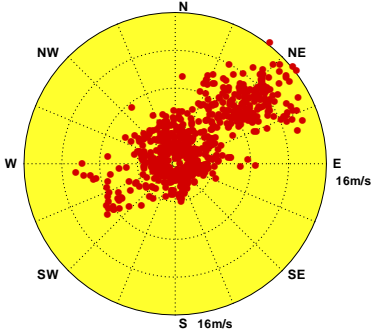
圖8.5a 2018年4月12海域主要測站2修補前觀測風向量分佈圖

W184TPY0.1H0 W184KLY0.1H0 W184SAY0.1H0 W184HLY0.1H0 W184LTW0.1H0 W184PNZ0.1H0
 W184KHZ0.1H0 W184CNB0.1H0 W184TCIO.1H0 W184PHW0.1H0 W184KMW0.1H0 W184MSW0.1H0

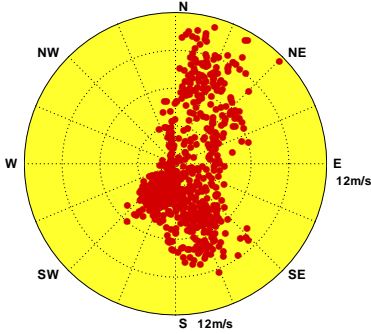
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Distribution of Wind Vectors

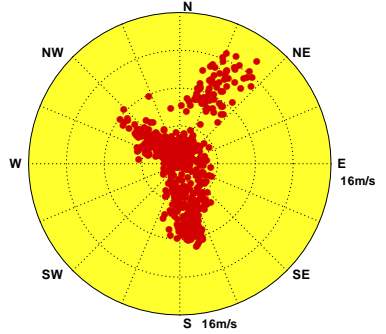
Wind of TPY0 at 2018/04 NO=720(100%)
 MEAN=4.9m/s MAX=15.5m/s(NE)
 N-E:45% E-S:18% S-W:18% W-N:19% Calm:0%



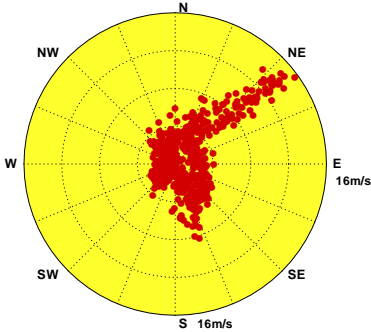
Wind of KLY0 at 2018/04 NO=720(100%)
 MEAN=4.3m/s MAX=11.0m/s(NE)
 N-E:26% E-S:29% S-W:41% W-N:4% Calm:0%



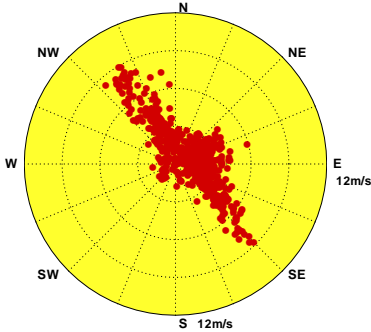
Wind of SAY0 at 2018/04 NO=720(100%)
 MEAN=3.9m/s MAX=12.8m/s(NE)
 N-E:18% E-S:22% S-W:17% W-N:42% Calm:1%



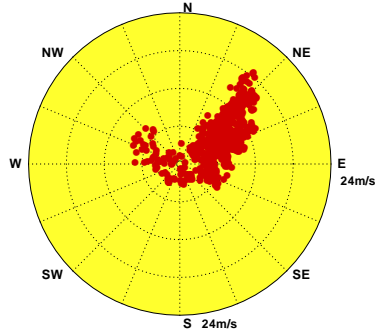
Wind of HLY0 at 2018/04 NO=720(100%)
 MEAN=3.3m/s MAX=14.9m/s(NE)
 N-E:23% E-S:19% S-W:46% W-N:12% Calm:0%



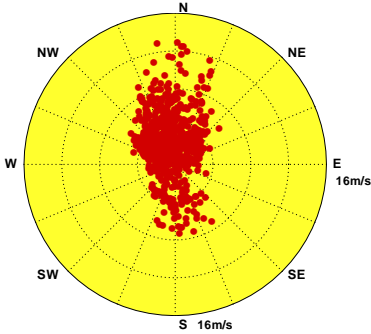
Wind of LTW0 at 2018/04 NO=720(100%)
 MEAN=2.6m/s MAX=8.9m/s(SE)
 N-E:36% E-S:35% S-W:4% W-N:24% Calm:1%



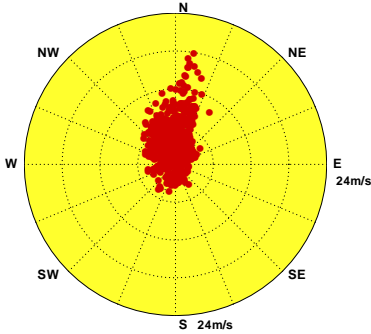
Wind of PNZ0 at 2018/04 NO=720(100%)
 MEAN=7.6m/s MAX=17.5m/s(NE)
 N-E:76% E-S:15% S-W:5% W-N:4% Calm:0%



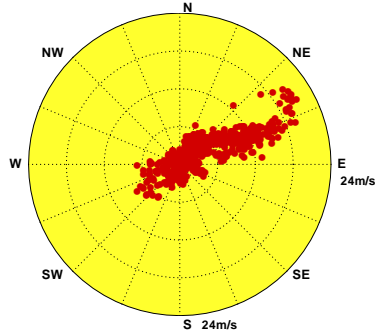
Wind of KHZ0 at 2018/04 NO=720(100%)
 MEAN=3.6m/s MAX=12.4m/s(N)
 N-E:22% E-S:7% S-W:16% W-N:54% Calm:1%



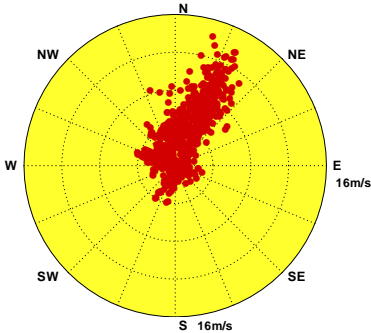
Wind of CNB0 at 2018/04 NO=720(100%)
 MEAN=4.0m/s MAX=16.9m/s(N)
 N-E:29% E-S:5% S-W:14% W-N:51% Calm:1%



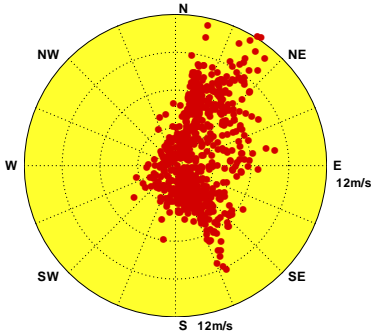
Wind of TCIO at 2018/04 NO=720(100%)
 MEAN=4.8m/s MAX=20.2m/s(ENE)
 N-E:57% E-S:7% S-W:20% W-N:15% Calm:1%



Wind of PHW0 at 2018/04 NO=720(100%)
 MEAN=3.9m/s MAX=13.6m/s(NNE)
 N-E:51% E-S:9% S-W:13% W-N:26% Calm:1%



Wind of KMW0 at 2018/04 NO=720(100%)
 MEAN=3.8m/s MAX=11.7m/s(NNE)
 N-E:48% E-S:34% S-W:12% W-N:6% Calm:0%



Wind of MSW0 at 2018/04 NO=720(100%)
 MEAN=2.5m/s MAX=9.0m/s(NNW)
 N-E:15% E-S:24% S-W:9% W-N:50% Calm:2%

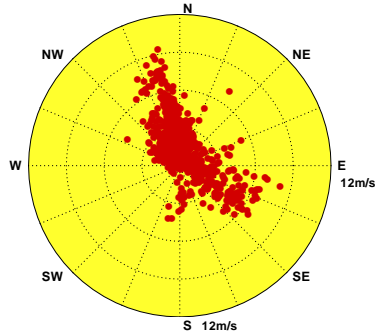


圖8.5b 2018年4月12海域主要測站2修補後觀測風向量分佈圖

W184TPY0.1HA W184KLY0.1HA W184SAY0.1HA W184HLY0.1HA W184LTW0.1HA W184PNZ0.1HA
 W184KHZ0.1HA W184CNB0.1HA W184TCIO.1HA W184PHW0.1HA W184KMW0.1HA W184MSW0.1HA

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Distribution of Wind Vectors

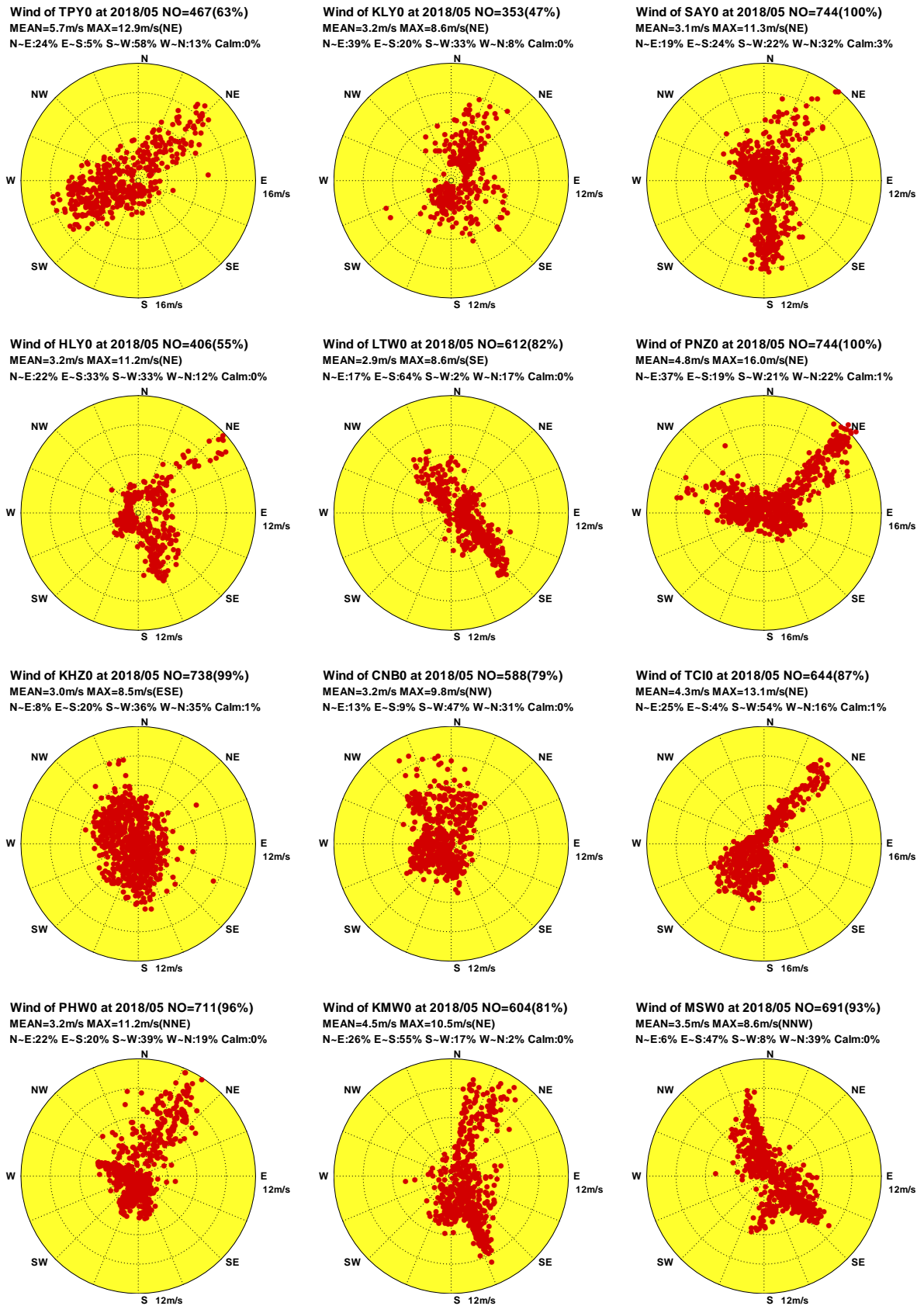


圖8.6a 2018年5月12海域主要測站2修補前觀測風向量分佈圖

W185TPY0.1H0 W185KLY0.1H0 W185SAY0.1H0 W185HLY0.1H0 W185LTW0.1H0 W185PNZ0.1H0
W185KHZ0.1H0 W185CNB0.1H0 W185TCIO.1H0 W185PHW0.1H0 W185KMW0.1H0 W185MSW0.1H0

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Distribution of Wind Vectors

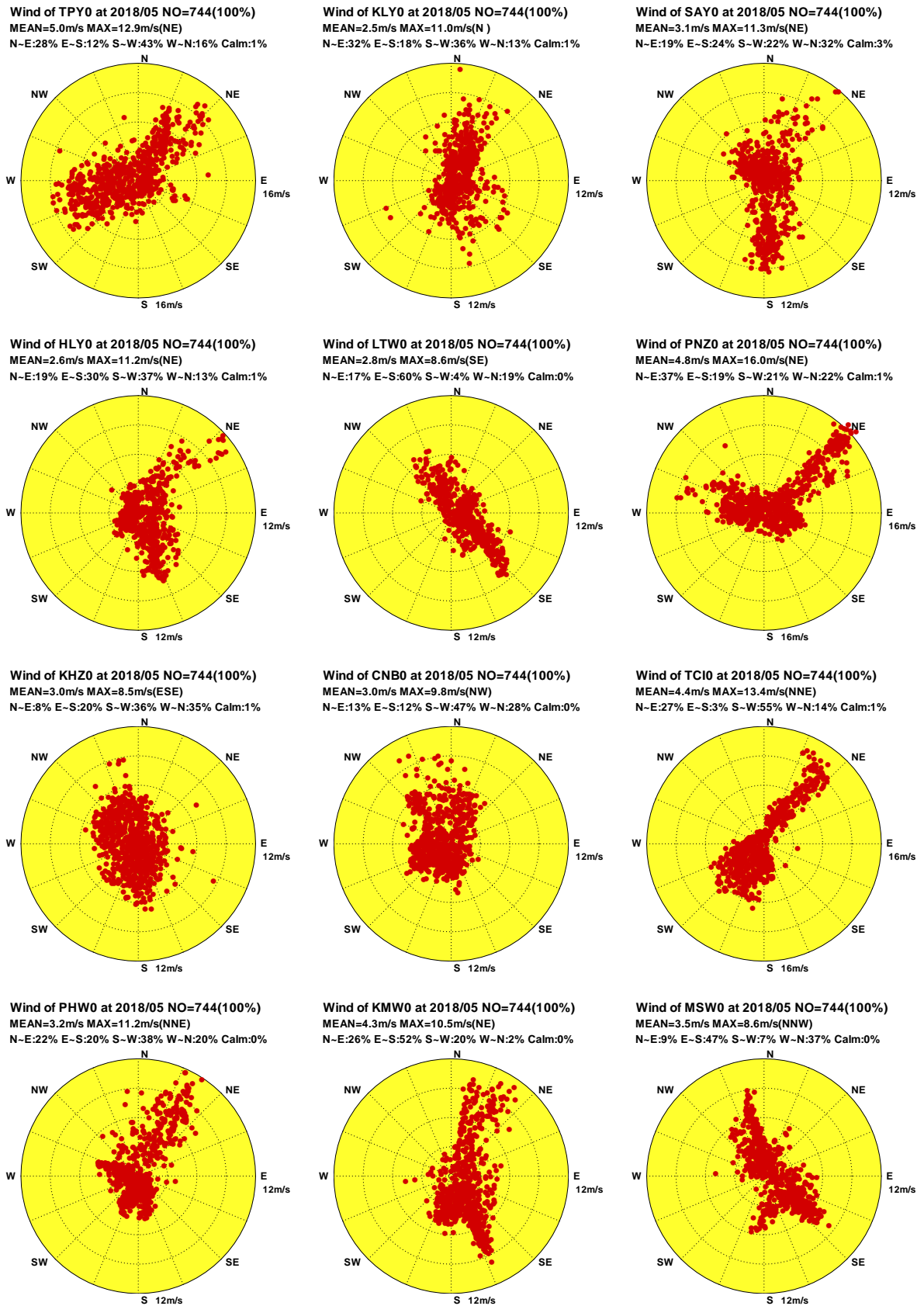


圖.8.6b 2018年 5月12海域主要測站2修補後觀測風向量分佈圖

W185TPY0.1HA W185KLY0.1HA W185SAY0.1HA W185HLY0.1HA W185LTW0.1HA W185PNZ0.1HA
 W185KHZ0.1HA W185CNB0.1HA W185TCIO.1HA W185PHW0.1HA W185KMW0.1HA W185MSW0.1HA

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Distribution of Wind Vectors

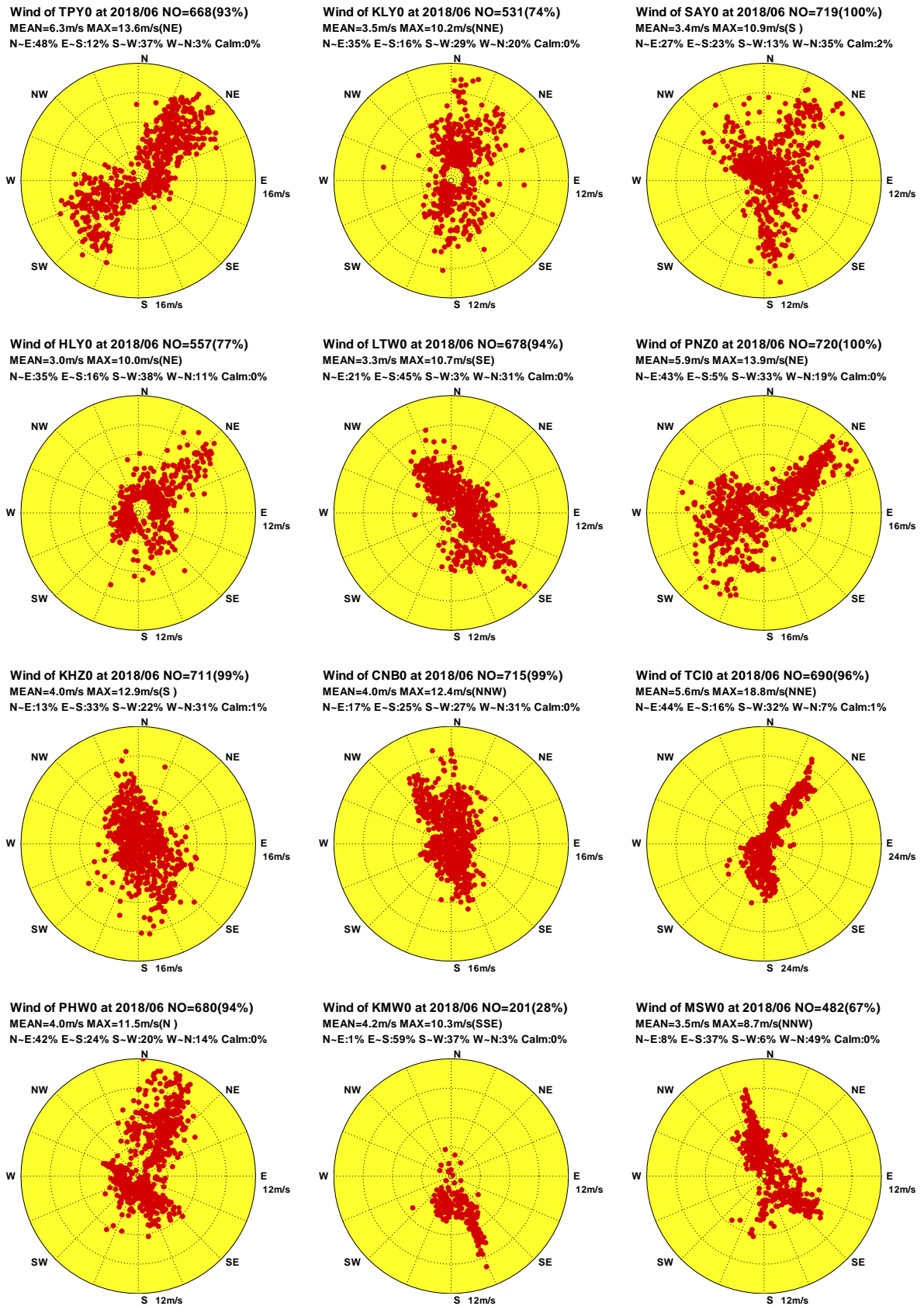


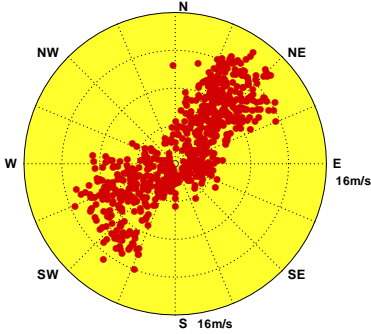
圖.8.7a 2018年 6月12海域主要測站2修補前觀測風向量分佈圖

W186TPY0.1H0 W186KLY0.1H0 W186SAY0.1H0 W186HLY0.1H0 W186LTW0.1H0 W186PNZ0.1H0
W186KHZ0.1H0 W186CNB0.1H0 W186TCIO.1H0 W186PHW0.1H0 W186KMW0.1H0 W186MSW0.1H0

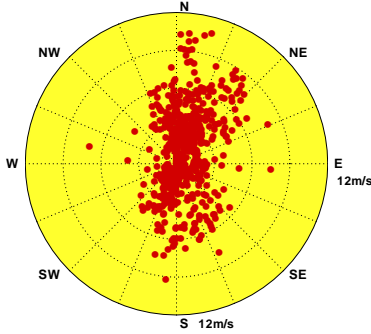
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Distribution of Wind Vectors

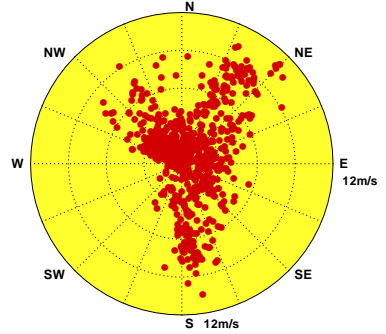
Wind of TPY0 at 2018/06 NO=720(100%)
 MEAN=6.1m/s MAX=13.6m/s(NE)
 N-E:47% E-S:12% S-W:37% W-N:4% Calm:0%



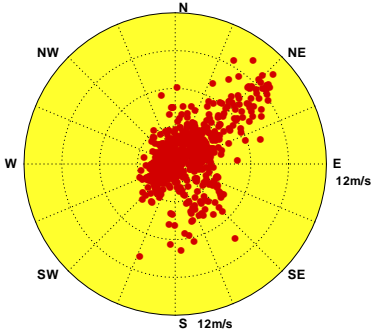
Wind of KLY0 at 2018/06 NO=720(100%)
 MEAN=2.9m/s MAX=10.2m/s(NNE)
 N-E:30% E-S:17% S-W:34% W-N:18% Calm:1%



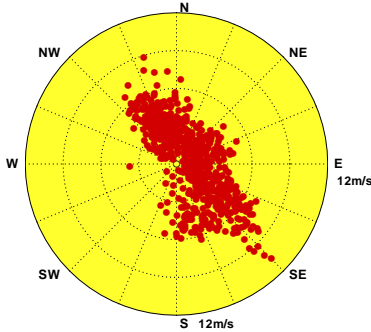
Wind of SAY0 at 2018/06 NO=720(100%)
 MEAN=3.4m/s MAX=10.9m/s(S)
 N-E:27% E-S:23% S-W:13% W-N:35% Calm:2%



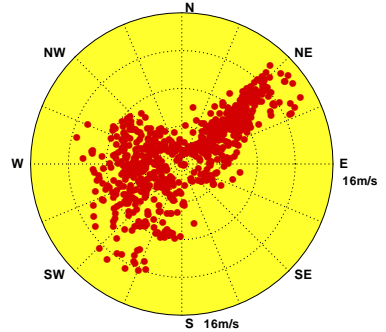
Wind of HLY0 at 2018/06 NO=720(100%)
 MEAN=2.5m/s MAX=10.0m/s(NE)
 N-E:34% E-S:15% S-W:36% W-N:13% Calm:2%



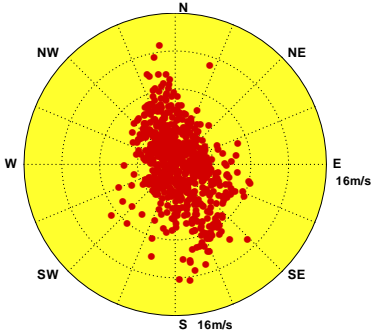
Wind of LTW0 at 2018/06 NO=720(100%)
 MEAN=3.3m/s MAX=10.7m/s(SE)
 N-E:21% E-S:45% S-W:3% W-N:31% Calm:0%



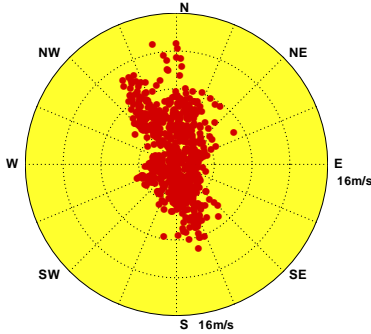
Wind of PNZ0 at 2018/06 NO=720(100%)
 MEAN=5.9m/s MAX=13.9m/s(NE)
 N-E:43% E-S:5% S-W:33% W-N:19% Calm:0%



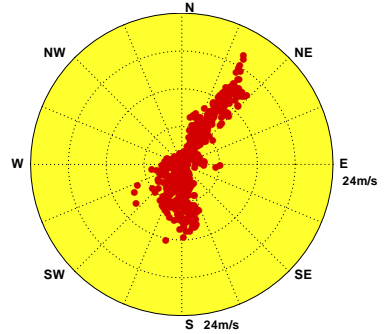
Wind of KHZ0 at 2018/06 NO=720(100%)
 MEAN=3.9m/s MAX=12.9m/s(S)
 N-E:13% E-S:33% S-W:22% W-N:31% Calm:1%



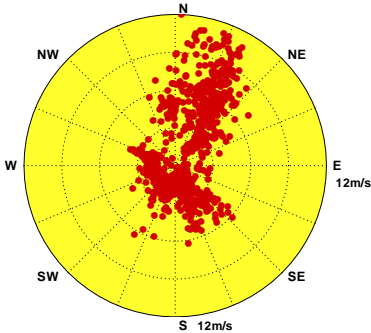
Wind of CNB0 at 2018/06 NO=720(100%)
 MEAN=4.0m/s MAX=12.4m/s(NNW)
 N-E:17% E-S:25% S-W:27% W-N:31% Calm:0%



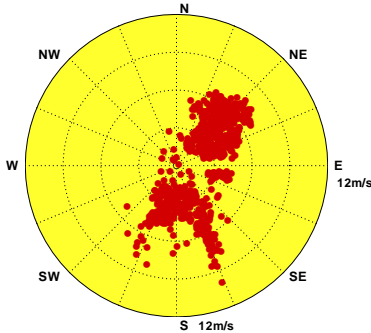
Wind of TCIO at 2018/06 NO=720(100%)
 MEAN=5.6m/s MAX=18.8m/s(NNE)
 N-E:44% E-S:16% S-W:32% W-N:7% Calm:1%



Wind of PHW0 at 2018/06 NO=720(100%)
 MEAN=4.0m/s MAX=11.5m/s(N)
 N-E:42% E-S:24% S-W:21% W-N:13% Calm:0%



Wind of KMW0 at 2018/06 NO=720(100%)
 MEAN=4.2m/s MAX=10.3m/s(SSE)
 N-E:54% E-S:24% S-W:21% W-N:1% Calm:0%



Wind of MSW0 at 2018/06 NO=720(100%)
 MEAN=3.6m/s MAX=8.7m/s(NNW)
 N-E:26% E-S:28% S-W:13% W-N:33% Calm:0%

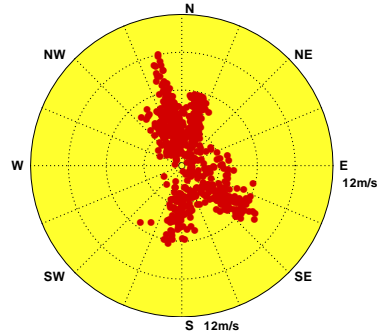


圖8.7b 2018年6月12海域主要測站2修補後觀測風向量分佈圖

W186TPY0.1HA W186KLY0.1HA W186SAY0.1HA W186HLY0.1HA W186LTW0.1HA W186PNZ0.1HA
 W186KHZ0.1HA W186CNB0.1HA W186TCIO.1HA W186PHW0.1HA W186KMW0.1HA W186MSW0.1HA

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Distribution of Wind Vectors

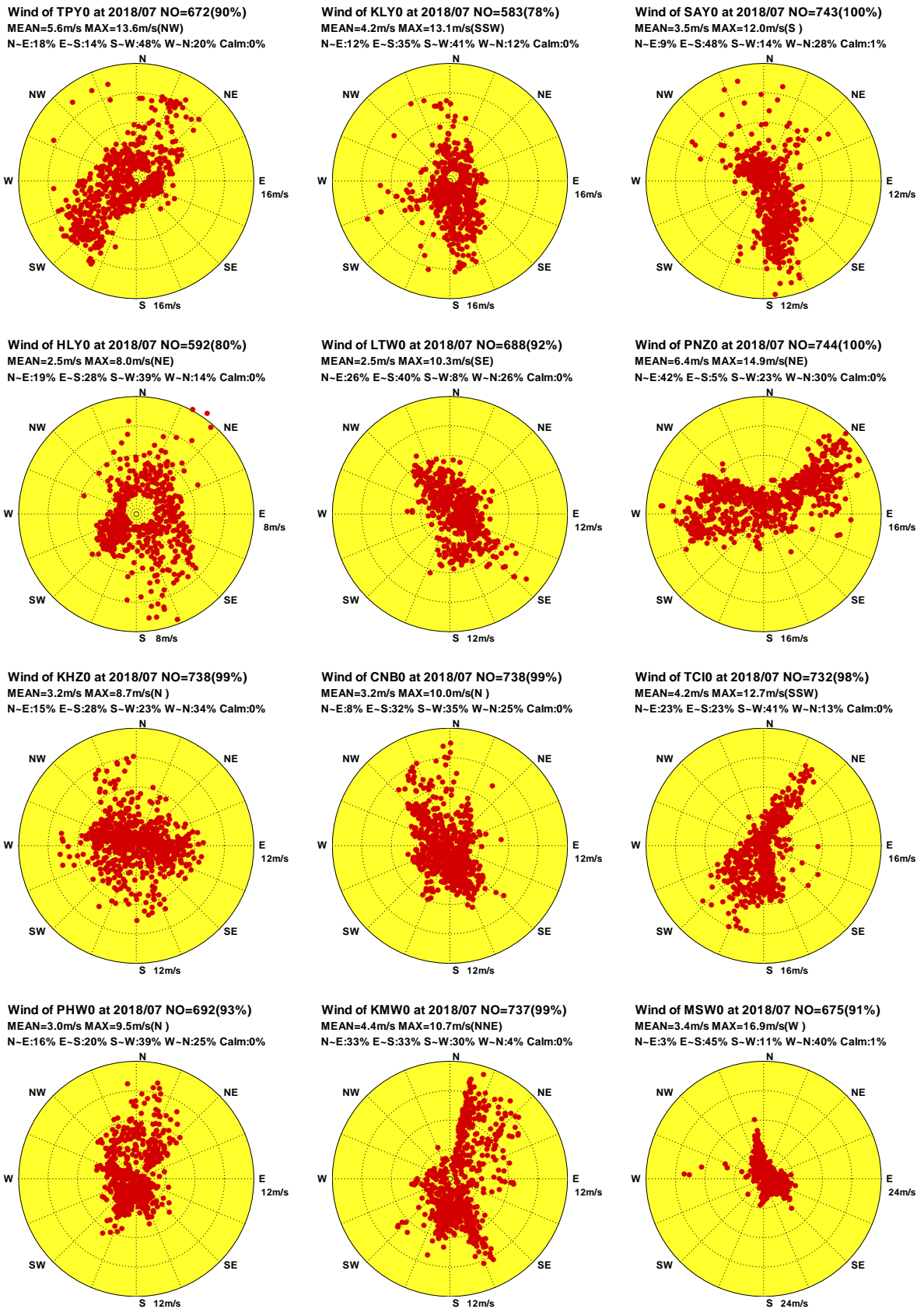


圖8.8a 2018年7月12海域主要測站2修補前觀測風向量分佈圖

W187TPY0.1H0 W187KLY0.1H0 W187SAY0.1H0 W187HLY0.1H0 W187LTW0.1H0 W187PNZ0.1H0
W187KHZ0.1H0 W187CNB0.1H0 W187TCIO.1H0 W187PHW0.1H0 W187KMW0.1H0 W187MSW0.1H0

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Distribution of Wind Vectors

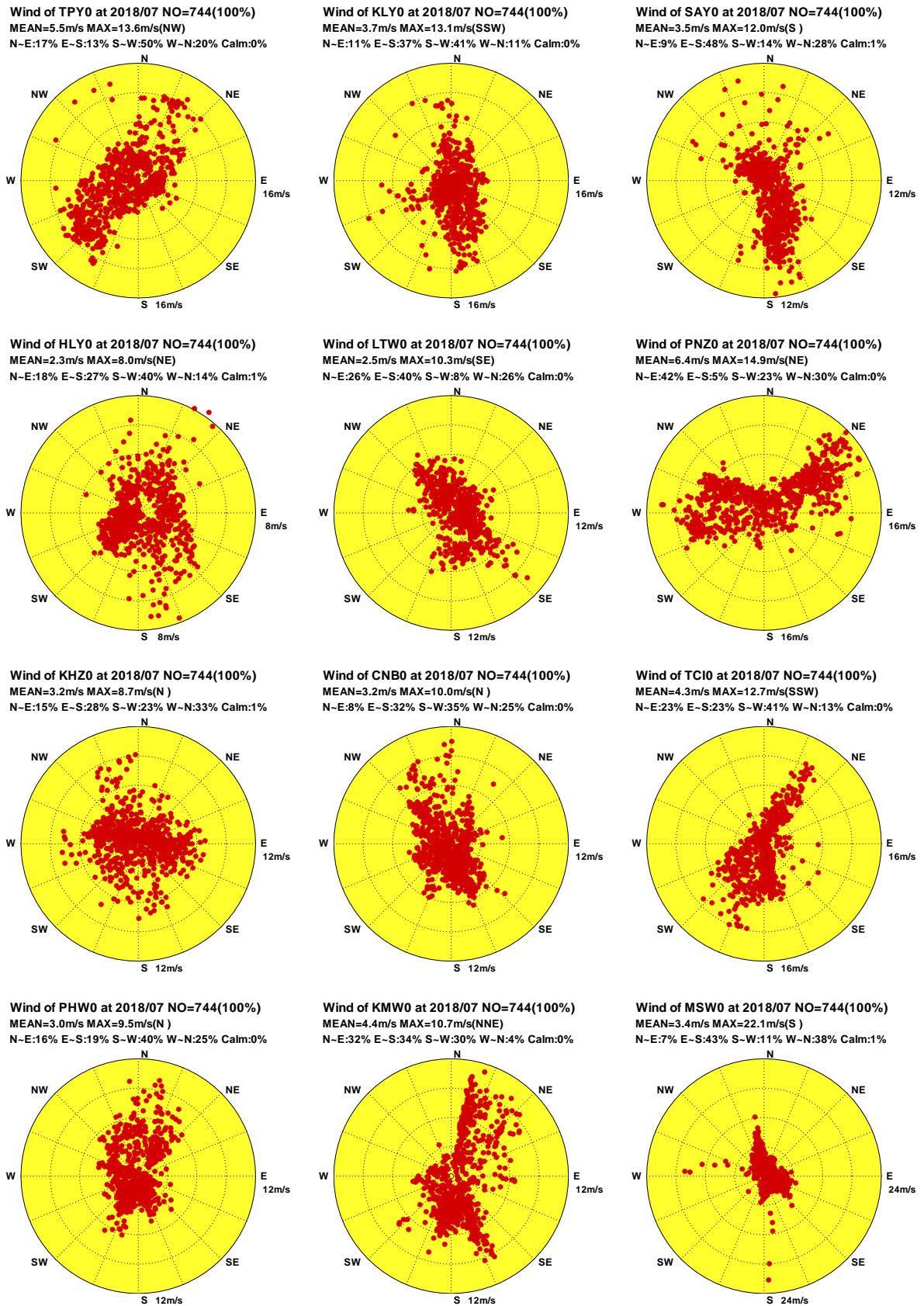


圖8.8b 2018年7月12海域主要測站2修補後觀測風向量分佈圖

W187TPY0.1HA W187KLY0.1HA W187SAY0.1HA W187HLY0.1HA W187LTW0.1HA W187PNZ0.1HA
W187KHZ0.1HA W187CNB0.1HA W187TCI0.1HA W187PHW0.1HA W187KMW0.1HA W187MSW0.1HA

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Distribution of Wind Vectors

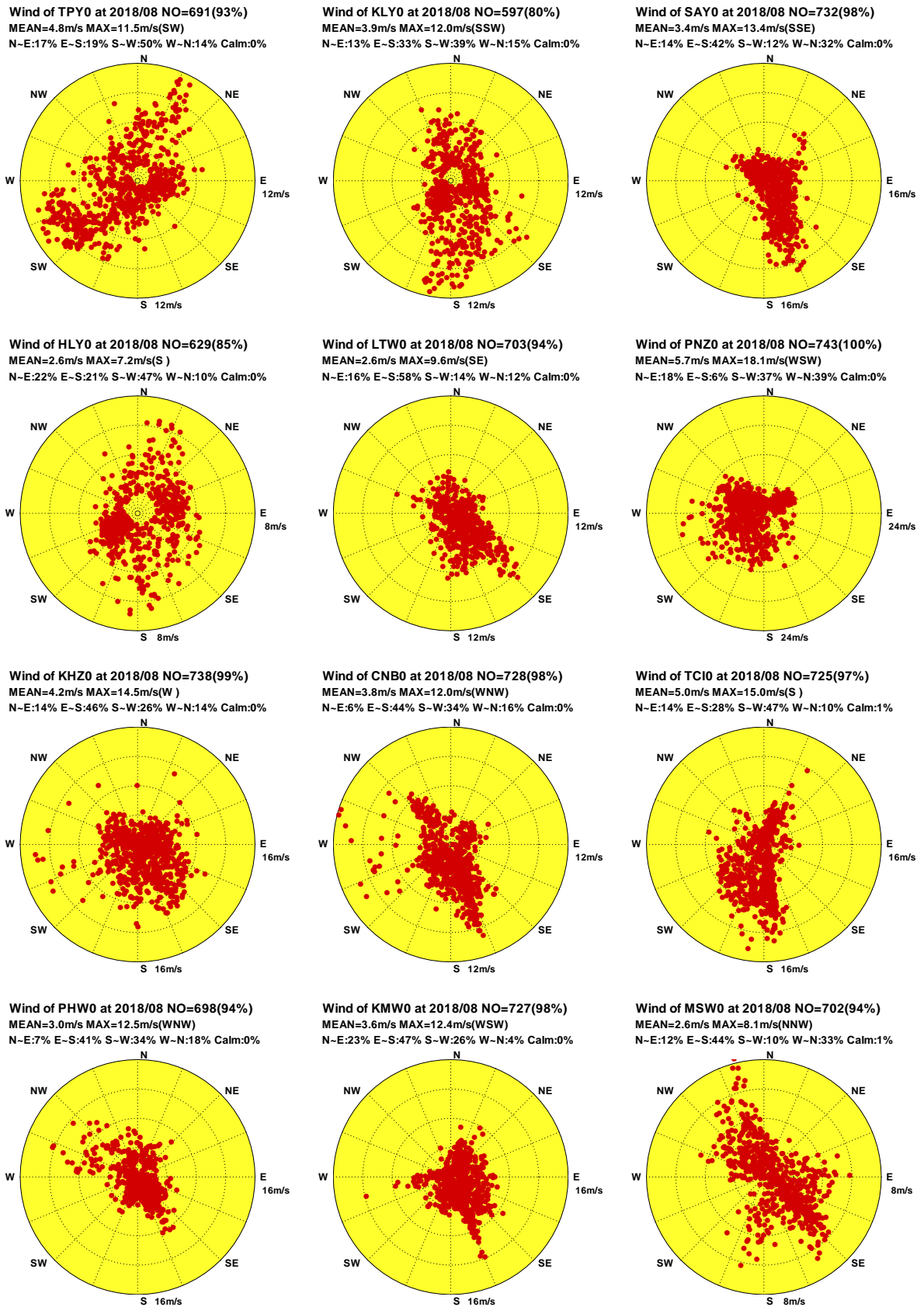


圖.8.9a 2018年 8月12海域主要測站2修補前觀測風向量分佈圖

W188TPY0.1H0 W188KLY0.1H0 W188SAY0.1H0 W188HLY0.1H0 W188LTW0.1H0 W188PNZ0.1H0
 W188KHZ0.1H0 W188CNB0.1H0 W188TCIO.1H0 W188PHW0.1H0 W188KMW0.1H0 W188MSW0.1H0

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Distribution of Wind Vectors

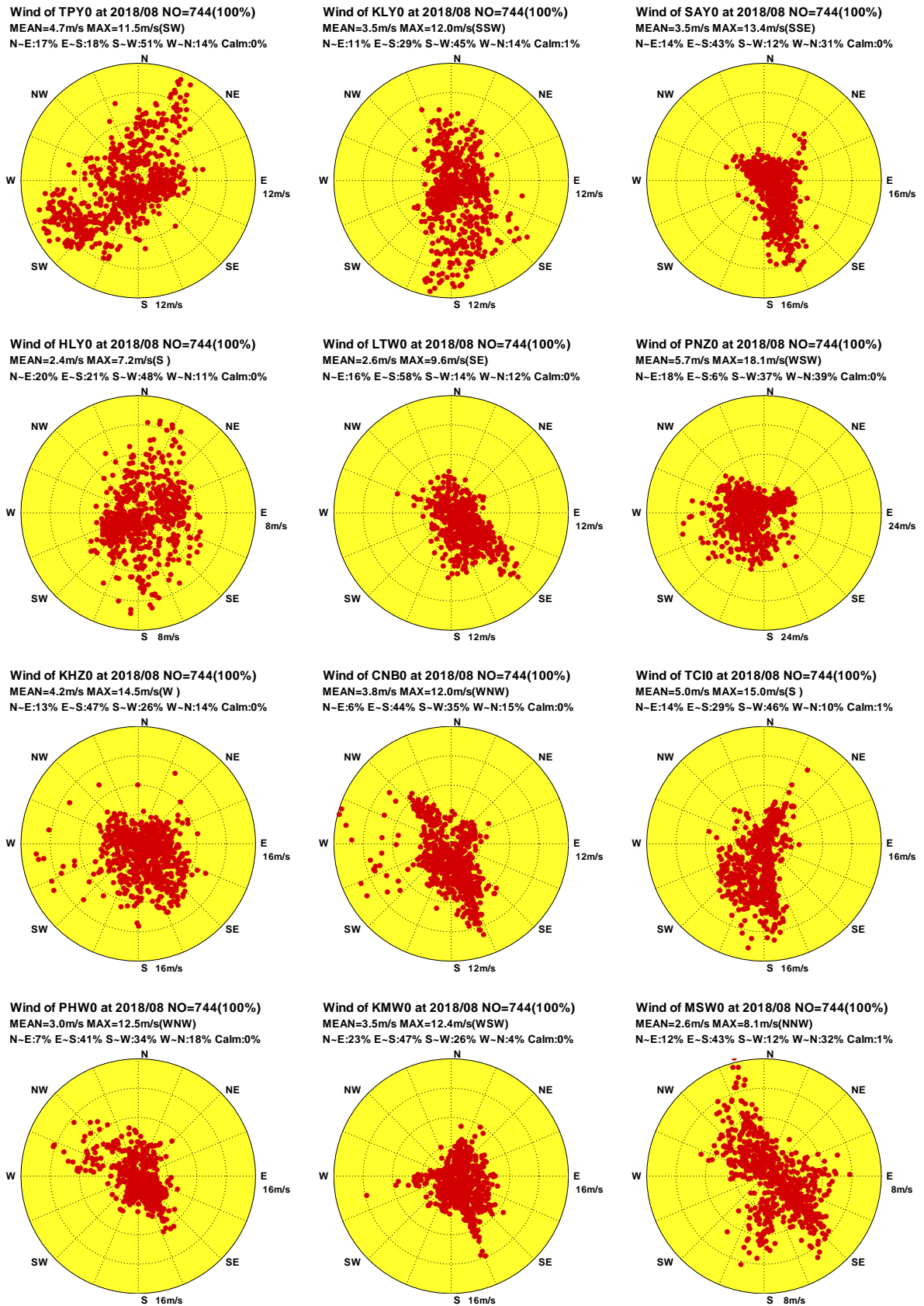


圖.8.9b 2018年 8月12海域主要測站2修補後觀測風向量分佈圖

W188TPY0.1HA W188KLY0.1HA W188SAY0.1HA W188HLY0.1HA W188LTW0.1HA W188PNZ0.1HA
W188KHZ0.1HA W188CNB0.1HA W188TCIO.1HA W188PHW0.1HA W188KMW0.1HA W188MSW0.1HA

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Distribution of Wind Vectors

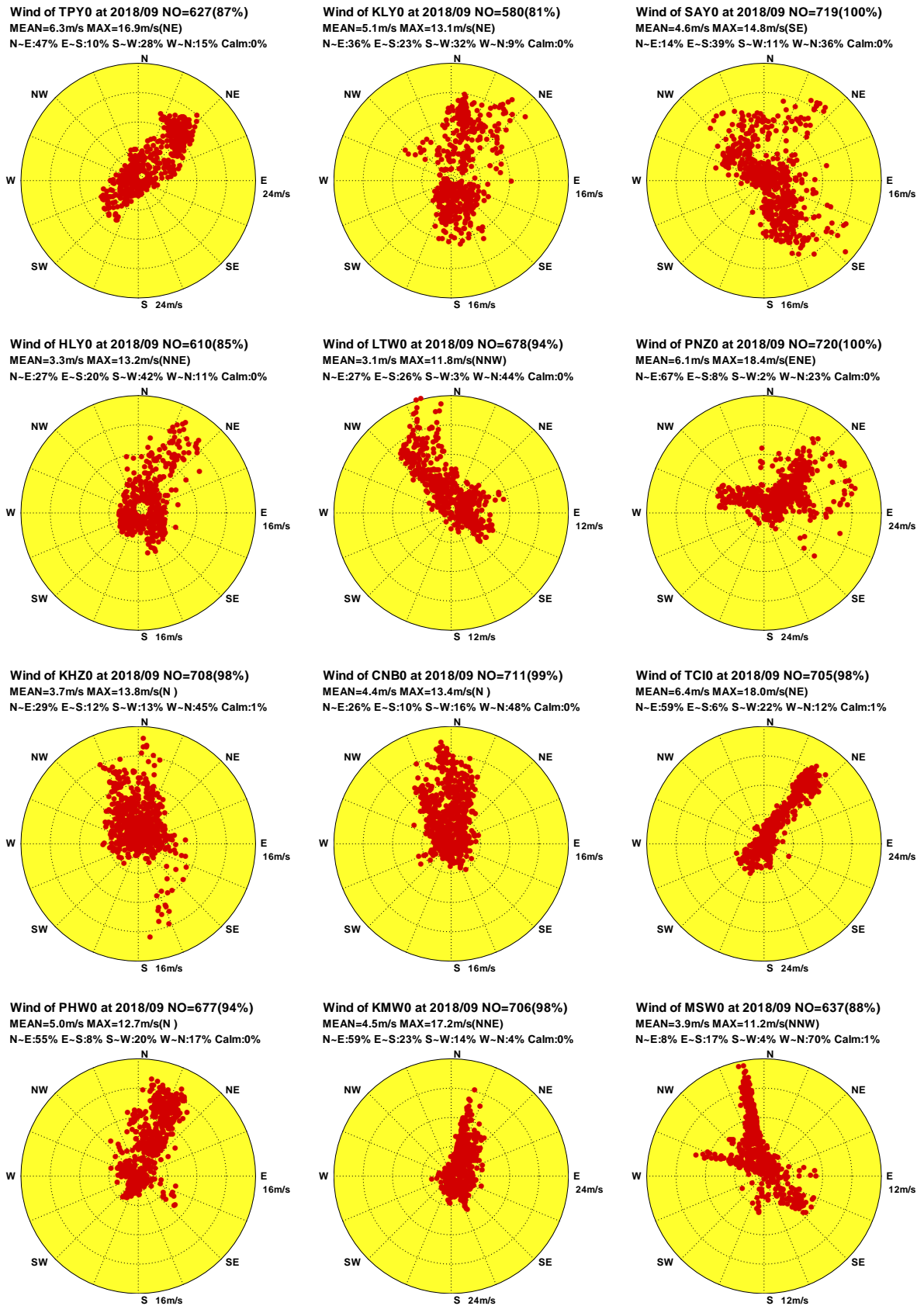


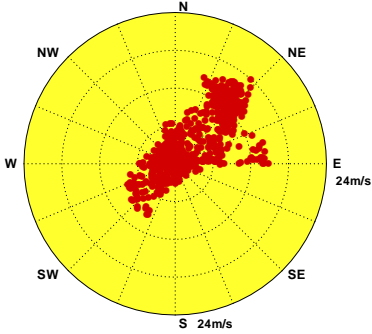
圖8.10a 2018年9月12海域主要測站2修補前觀測風向量分佈圖

W189TPY0.1H0 W189KLY0.1H0 W189SAY0.1H0 W189HLY0.1H0 W189LTW0.1H0 W189PNZ0.1H0
 W189KHZ0.1H0 W189CNB0.1H0 W189TCIO.1H0 W189PHW0.1H0 W189KMW0.1H0 W189MSW0.1H0

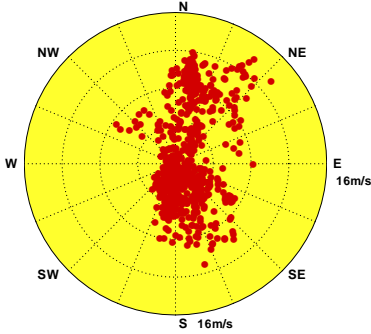
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Distribution of Wind Vectors

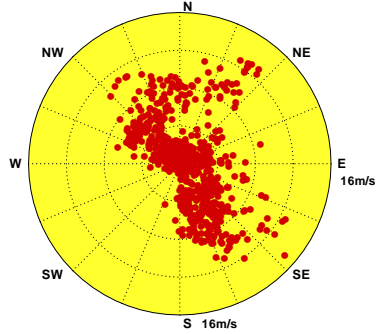
Wind of TPY0 at 2018/09 NO=720(100%)
 MEAN=6.2m/s MAX=16.9m/s(NE)
 N-E:45% E-S:25% S-W:25% W-N:14% Calm:1%



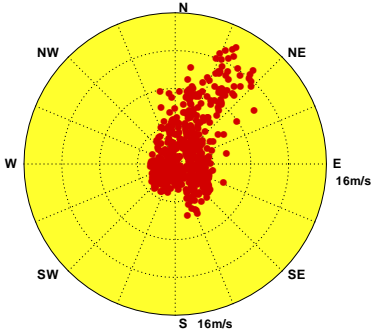
Wind of KLY0 at 2018/09 NO=720(100%)
 MEAN=4.8m/s MAX=13.1m/s(NE)
 N-E:30% E-S:28% S-W:33% W-N:9% Calm:0%



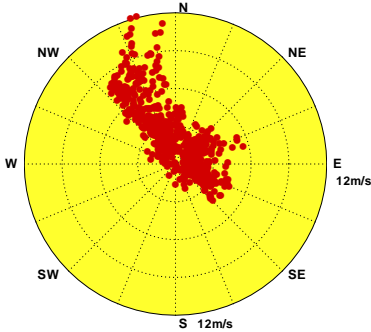
Wind of SAY0 at 2018/09 NO=720(100%)
 MEAN=4.6m/s MAX=14.8m/s(SE)
 N-E:14% E-S:38% S-W:11% W-N:37% Calm:0%



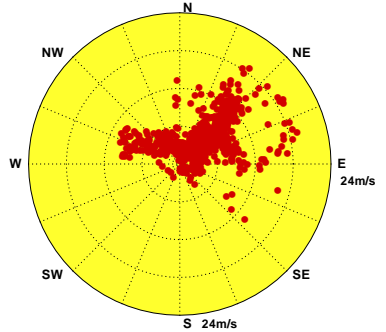
Wind of HLY0 at 2018/09 NO=720(100%)
 MEAN=3.1m/s MAX=13.2m/s(NNE)
 N-E:26% E-S:20% S-W:41% W-N:12% Calm:1%



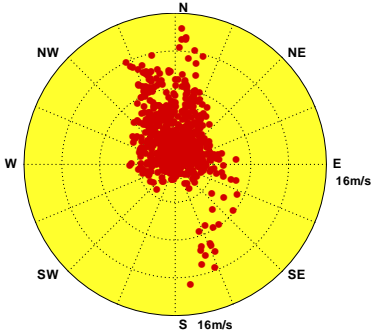
Wind of LTW0 at 2018/09 NO=720(100%)
 MEAN=3.1m/s MAX=11.8m/s(NNW)
 N-E:28% E-S:25% S-W:3% W-N:44% Calm:0%



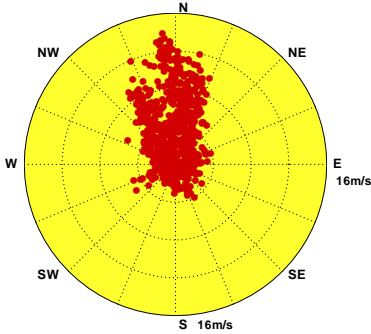
Wind of PNZ0 at 2018/09 NO=720(100%)
 MEAN=6.1m/s MAX=18.4m/s(ENE)
 N-E:67% E-S:8% S-W:2% W-N:23% Calm:0%



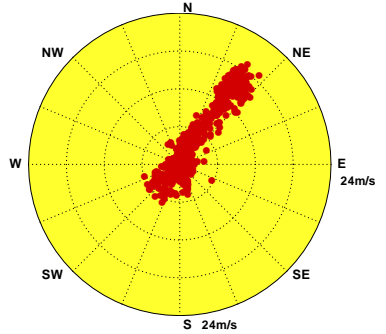
Wind of KHZ0 at 2018/09 NO=720(100%)
 MEAN=3.7m/s MAX=13.8m/s(N)
 N-E:30% E-S:12% S-W:13% W-N:44% Calm:1%



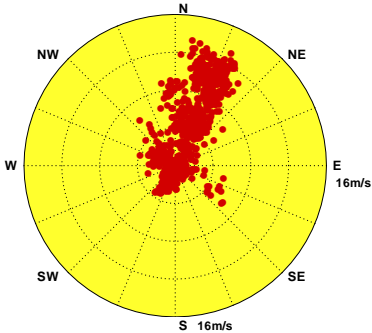
Wind of CNB0 at 2018/09 NO=720(100%)
 MEAN=4.4m/s MAX=13.4m/s(N)
 N-E:26% E-S:9% S-W:17% W-N:48% Calm:0%



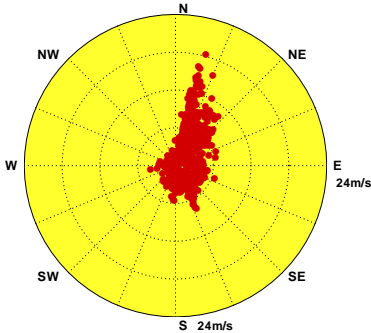
Wind of TCIO at 2018/09 NO=720(100%)
 MEAN=6.4m/s MAX=18.0m/s(NE)
 N-E:59% E-S:6% S-W:22% W-N:12% Calm:1%



Wind of PHW0 at 2018/09 NO=720(100%)
 MEAN=5.0m/s MAX=12.7m/s(N)
 N-E:55% E-S:8% S-W:20% W-N:17% Calm:0%



Wind of KMW0 at 2018/09 NO=720(100%)
 MEAN=4.5m/s MAX=17.2m/s(NNE)
 N-E:59% E-S:23% S-W:14% W-N:4% Calm:0%



Wind of MSW0 at 2018/09 NO=720(100%)
 MEAN=4.2m/s MAX=11.2m/s(NNW)
 N-E:16% E-S:16% S-W:5% W-N:62% Calm:1%

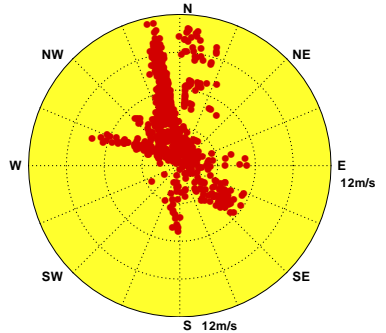


圖8.10b 2018年9月12海域主要測站2修補後觀測風向量分佈圖

W189TPY0.1HA W189KLY0.1HA W189SAY0.1HA W189HLY0.1HA W189LTW0.1HA W189PNZ0.1HA
 W189KHZ0.1HA W189CNB0.1HA W189TCIO.1HA W189PHW0.1HA W189KMW0.1HA W189MSW0.1HA

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Distribution of Wind Vectors

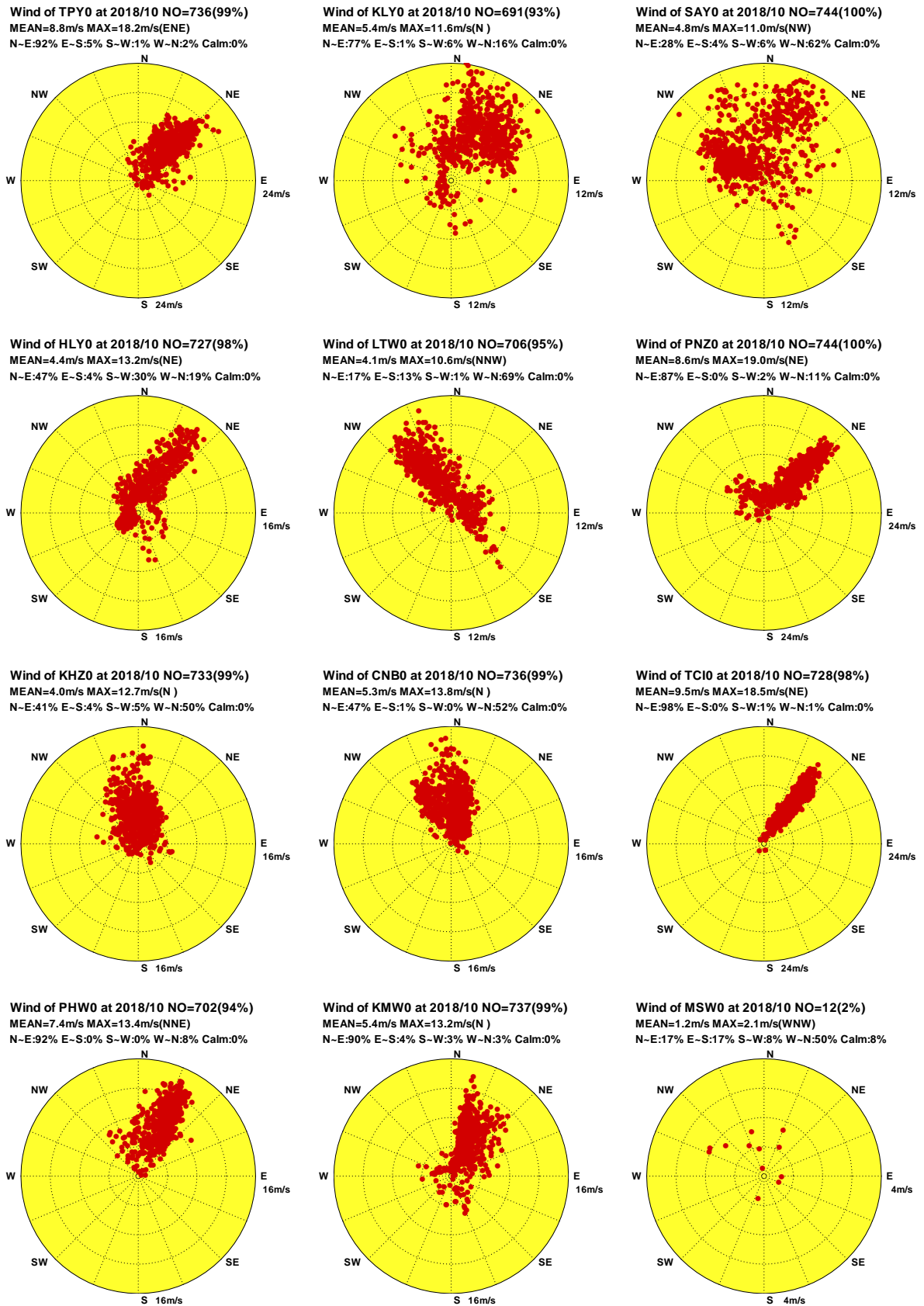


圖8.11a 2018年10月12海域主要測站2修補前觀測風向量分佈圖

W18ATPY0.1H0 W18AKLY0.1H0 W18ASAY0.1H0 W18AHLY0.1H0 W18ALTW0.1H0 W18APNZ0.1H0
W18AKHZ0.1H0 W18ACNB0.1H0 W18ATCIO.1H0 W18APHW0.1H0 W18AKMW0.1H0 W18AMSW0.1H0

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Distribution of Wind Vectors

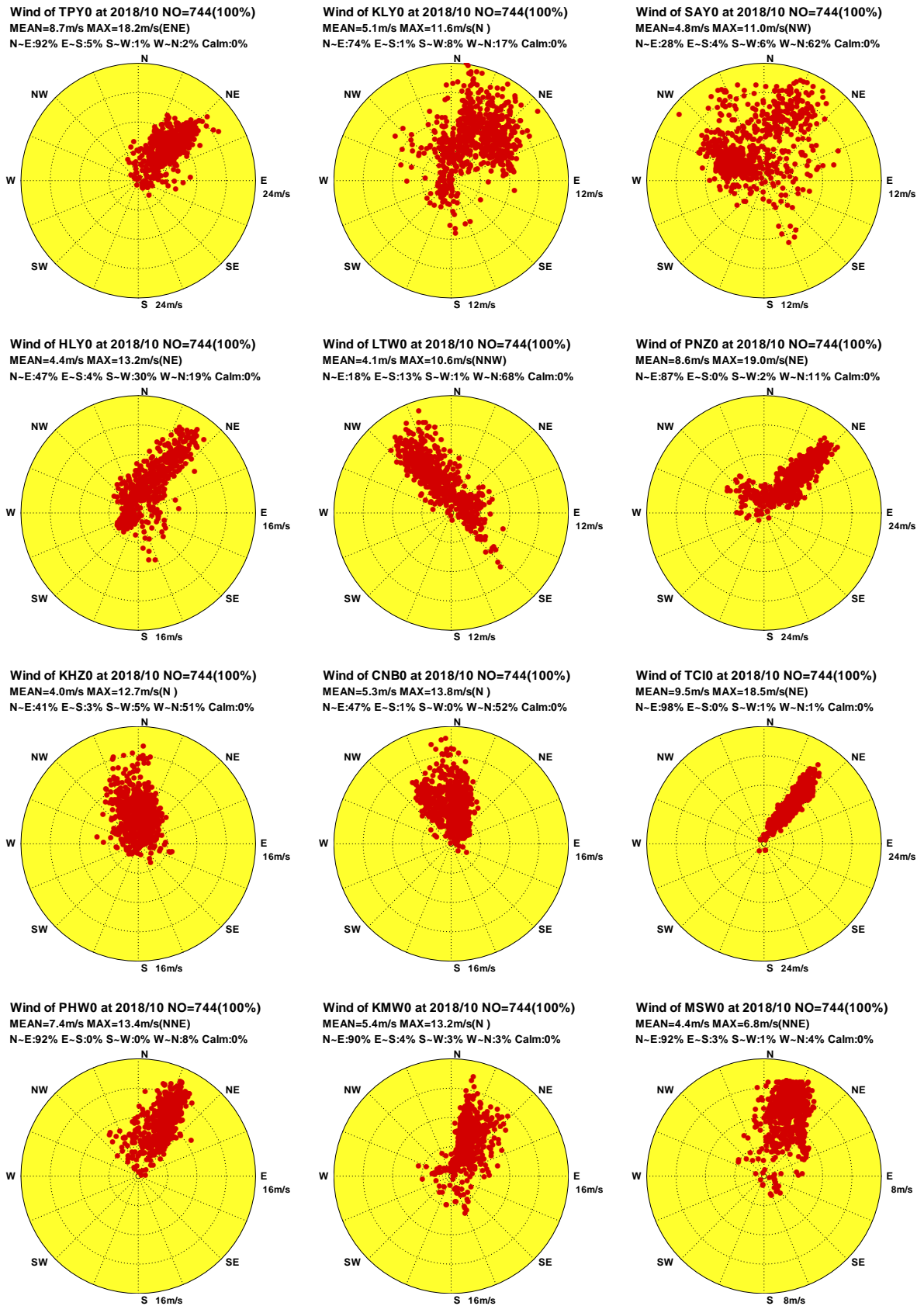


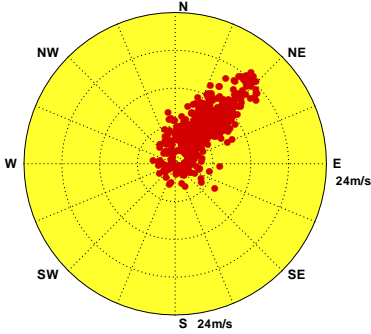
圖8.11b 2018年10月12海域主要測站2修補後觀測風向量分佈圖

W18ATPY0.1HA W18AKLY0.1HA W18ASAY0.1HA W18AHLY0.1HA W18ALTW0.1HA W18APNZ0.1HA
 W18AKHZ0.1HA W18ACNB0.1HA W18ATCIO.1HA W18APHW0.1HA W18AKMW0.1HA W18AMSW0.1HA

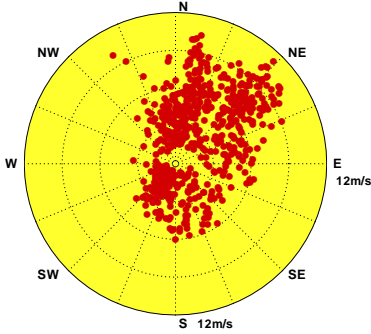
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Distribution of Wind Vectors

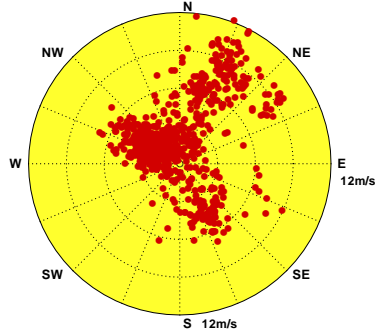
Wind of TPY0 at 2018/11 NO=651(90%)
 MEAN=7.0m/s MAX=17.7m/s(NE)
 N-E:80% E-S:9% S-W:5% W-N:6% Calm:0%



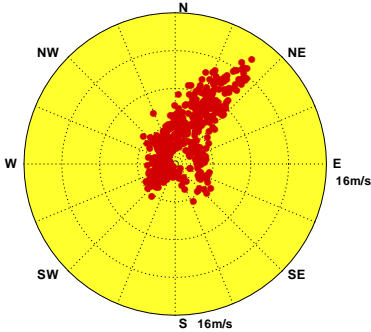
Wind of KLY0 at 2018/11 NO=637(88%)
 MEAN=4.5m/s MAX=10.7m/s(NE)
 N-E:49% E-S:12% S-W:23% W-N:16% Calm:0%



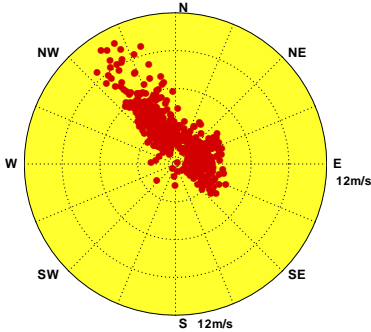
Wind of SAY0 at 2018/11 NO=720(100%)
 MEAN=4.0m/s MAX=11.6m/s(NNE)
 N-E:26% E-S:15% S-W:10% W-N:49% Calm:0%



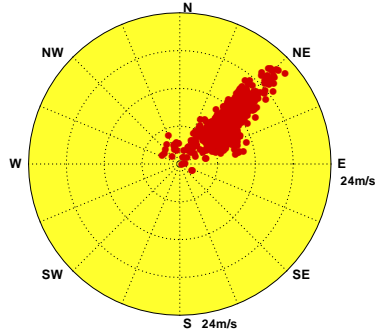
Wind of HLY0 at 2018/11 NO=633(88%)
 MEAN=3.7m/s MAX=13.0m/s(NE)
 N-E:36% E-S:6% S-W:39% W-N:19% Calm:0%



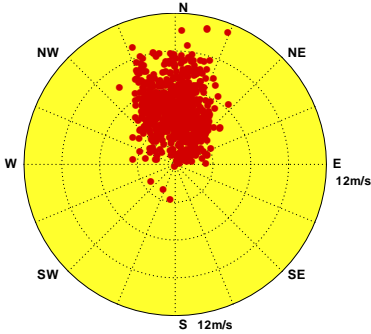
Wind of LTW0 at 2018/11 NO=682(95%)
 MEAN=2.9m/s MAX=10.6m/s(NW)
 N-E:29% E-S:16% S-W:1% W-N:54% Calm:0%



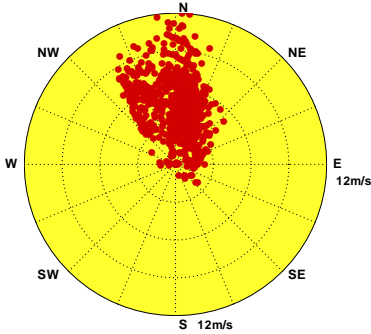
Wind of PNZ0 at 2018/11 NO=720(100%)
 MEAN=9.3m/s MAX=20.9m/s(NE)
 N-E:97% E-S:1% S-W:0% W-N:2% Calm:0%



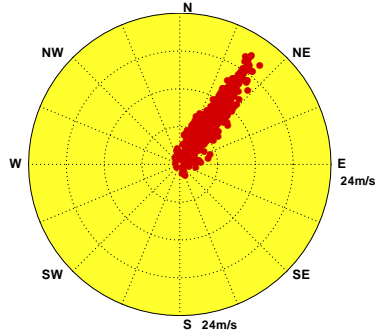
Wind of KHZ0 at 2018/11 NO=714(99%)
 MEAN=4.1m/s MAX=10.7m/s(NNE)
 N-E:48% E-S:1% S-W:1% W-N:50% Calm:0%



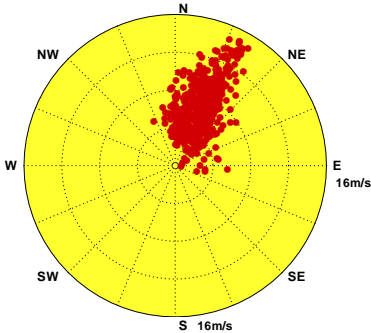
Wind of CNB0 at 2018/11 NO=708(98%)
 MEAN=4.7m/s MAX=11.5m/s(N)
 N-E:49% E-S:3% S-W:2% W-N:46% Calm:0%



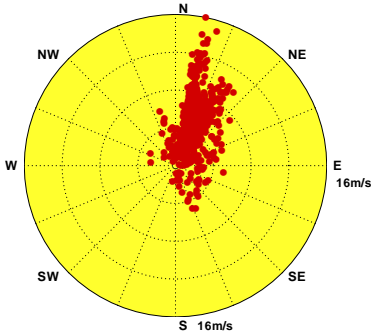
Wind of TCIO at 2018/11 NO=709(98%)
 MEAN=7.6m/s MAX=19.6m/s(NNE)
 N-E:94% E-S:2% S-W:1% W-N:3% Calm:0%



Wind of PHW0 at 2018/11 NO=692(96%)
 MEAN=6.4m/s MAX=14.1m/s(NNE)
 N-E:90% E-S:1% S-W:0% W-N:9% Calm:0%



Wind of KMW0 at 2018/11 NO=646(90%)
 MEAN=4.7m/s MAX=15.3m/s(N)
 N-E:86% E-S:6% S-W:2% W-N:6% Calm:0%



Wind of MSW0 at 2018/11 NO=237(33%)
 MEAN=3.8m/s MAX=7.8m/s(NNW)
 N-E:4% E-S:1% S-W:2% W-N:93% Calm:0%

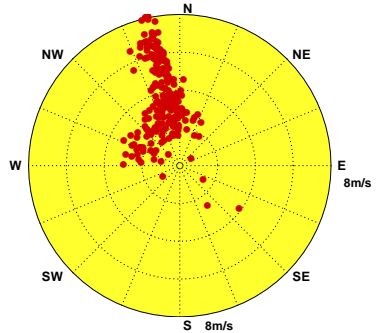


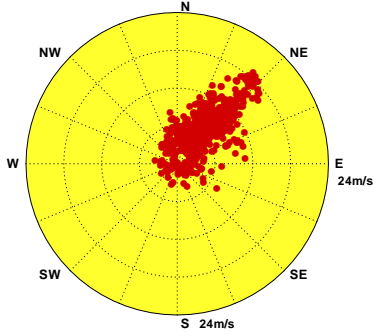
圖8.12a 2018年11月12海域主要測站2修補前觀測風向量分佈圖

W18BTPY0.1H0 W18BKLY0.1H0 W18BSAY0.1H0 W18BHLY0.1H0 W18BLTW0.1H0 W18BPNZ0.1H0
 W18BKHZ0.1H0 W18BCNB0.1H0 W18BTCIO.1H0 W18BPHW0.1H0 W18BKMW0.1H0 W18BMSW0.1H0

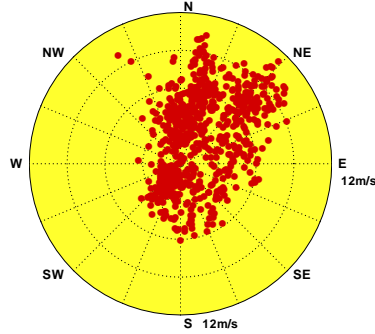
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Distribution of Wind Vectors

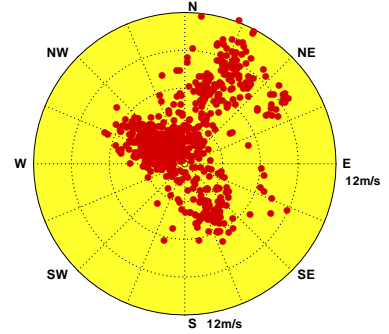
Wind of TPY0 at 2018/11 NO=720(100%)
 MEAN=6.8m/s MAX=17.7m/s(NE)
 N-E:78% E-S:9% S-W:5% W-N:8% Calm:0%



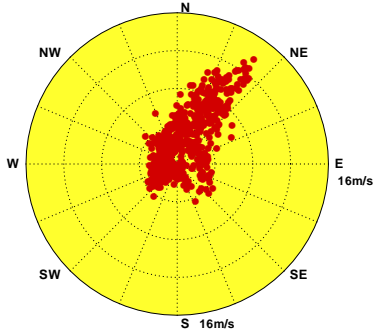
Wind of KLY0 at 2018/11 NO=720(100%)
 MEAN=4.3m/s MAX=10.7m/s(NE)
 N-E:47% E-S:13% S-W:23% W-N:17% Calm:0%



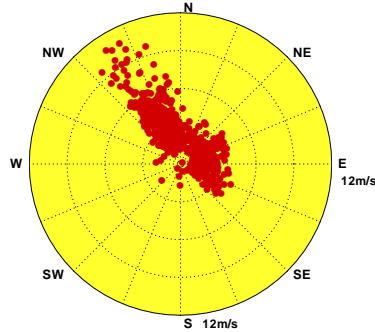
Wind of SAY0 at 2018/11 NO=720(100%)
 MEAN=4.0m/s MAX=11.6m/s(NNE)
 N-E:26% E-S:15% S-W:10% W-N:49% Calm:0%



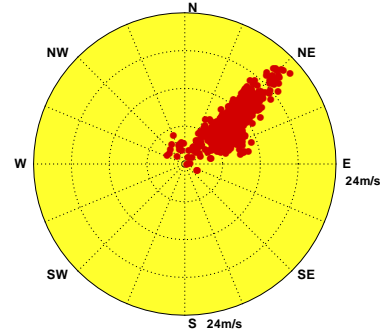
Wind of HLY0 at 2018/11 NO=720(100%)
 MEAN=3.5m/s MAX=13.0m/s(NE)
 N-E:34% E-S:7% S-W:39% W-N:20% Calm:0%



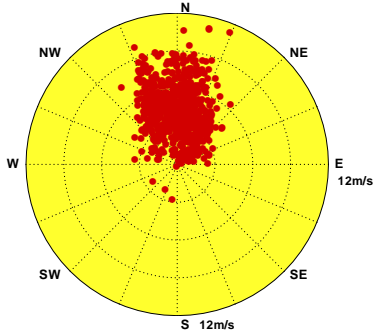
Wind of LTW0 at 2018/11 NO=720(100%)
 MEAN=2.9m/s MAX=10.6m/s(NW)
 N-E:28% E-S:15% S-W:1% W-N:56% Calm:0%



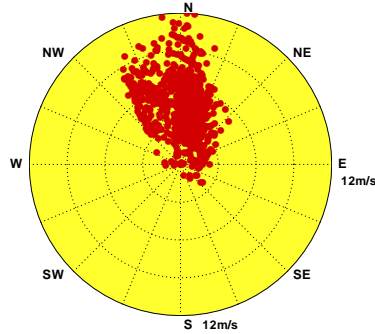
Wind of PNZ0 at 2018/11 NO=720(100%)
 MEAN=9.3m/s MAX=20.9m/s(NE)
 N-E:97% E-S:1% S-W:0% W-N:2% Calm:0%



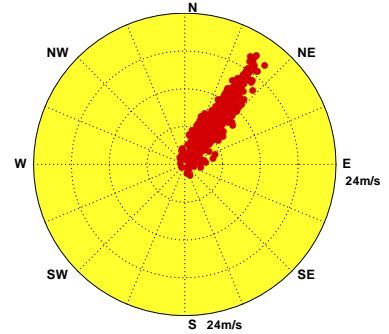
Wind of KHZ0 at 2018/11 NO=720(100%)
 MEAN=4.1m/s MAX=10.7m/s(NNE)
 N-E:48% E-S:1% S-W:1% W-N:50% Calm:0%



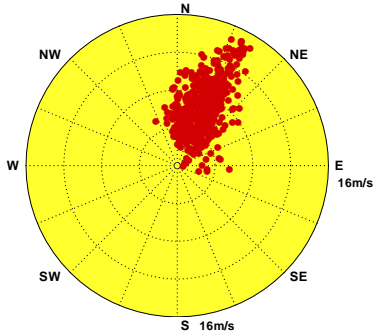
Wind of CNB0 at 2018/11 NO=720(100%)
 MEAN=4.6m/s MAX=11.5m/s(N)
 N-E:49% E-S:3% S-W:2% W-N:46% Calm:0%



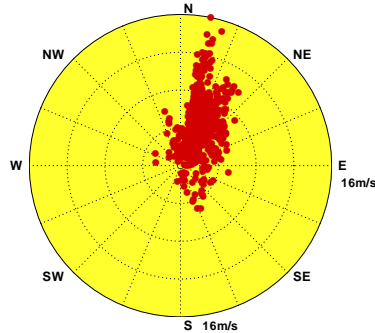
Wind of TC10 at 2018/11 NO=720(100%)
 MEAN=7.5m/s MAX=19.6m/s(NNE)
 N-E:94% E-S:2% S-W:1% W-N:3% Calm:0%



Wind of PHW0 at 2018/11 NO=720(100%)
 MEAN=6.4m/s MAX=14.1m/s(NNE)
 N-E:90% E-S:1% S-W:0% W-N:9% Calm:0%



Wind of KMW0 at 2018/11 NO=720(100%)
 MEAN=4.7m/s MAX=15.3m/s(N)
 N-E:88% E-S:5% S-W:2% W-N:5% Calm:0%



Wind of MSW0 at 2018/11 NO=720(100%)
 MEAN=4.0m/s MAX=7.8m/s(NNW)
 N-E:66% E-S:2% S-W:1% W-N:31% Calm:0%

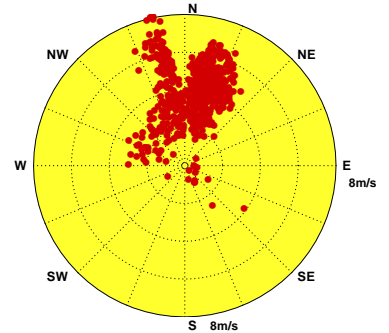


圖8.12b 2018年11月12海域主要測站2修補後觀測風向量分佈圖

W18BTPY0.1HA W18BKLY0.1HA W18BSAY0.1HA W18BHLY0.1HA W18BLTW0.1HA W18BPNZ0.1HA
 W18BKHZ0.1HA W18BCNB0.1HA W18BTC10.1HA W18BPHW0.1HA W18BKMW0.1HA W18BMSW0.1HA

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第九章 2018 年 12 海域風力主要測站 2 修補前後風力向量行進圖

(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)

(馬祖海域)

Progressive Vector Diagram of Wind

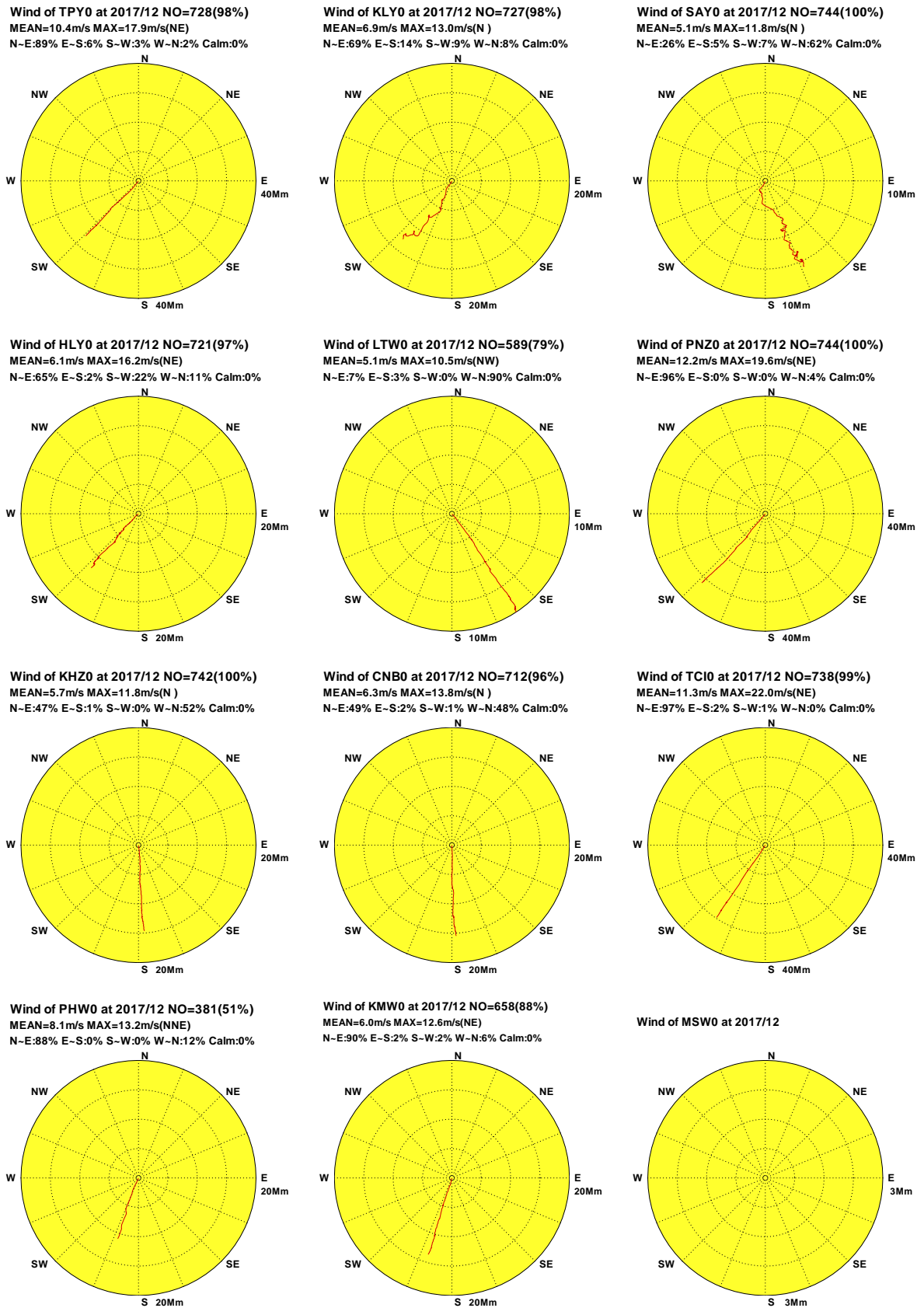


圖9.1a 2017年12月12海域主要測站2修補前觀測風向量行進圖

W17CTPY0.1H0 W17CKLY0.1H0 W17CSAY0.1H0 W17CHLY0.1H0 W17CLTW0.1H0 W17CPNZ0.1H0
W17CKHZ0.1H0 W17CCNB0.1H0 W17CTCIO.1H0 W17CPHW0.1H0 W17CKMW0.1H0 W17CMSW0.1H0

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Progressive Vector Diagram of Wind

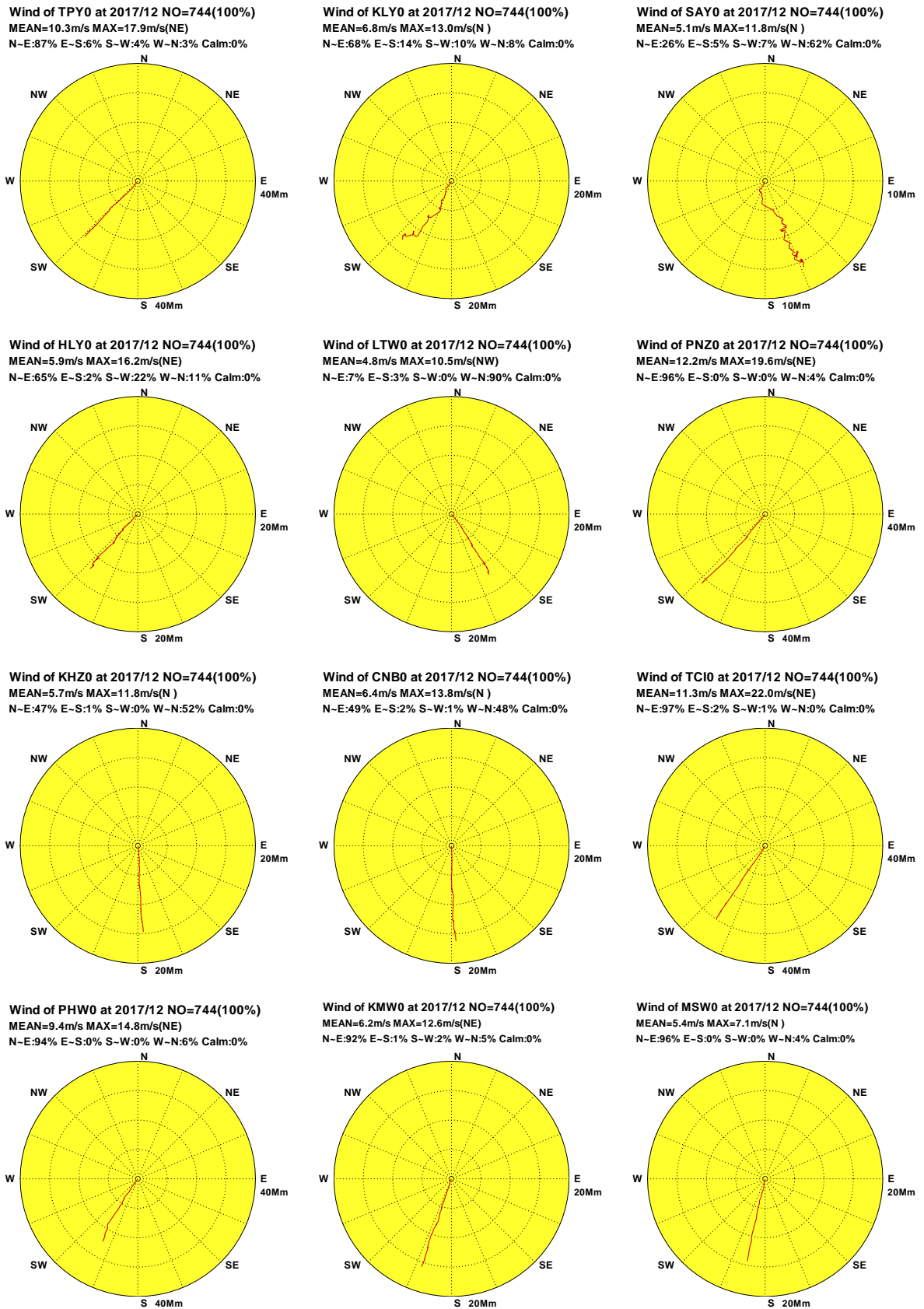


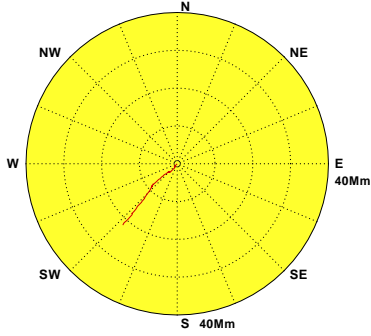
圖9.1b 2017年12月12海域主要測站2修補後觀測風向量行進圖

W17CTPY0.1HA W17CKLY0.1HA W17CSAY0.1HA W17CHLY0.1HA W17CLTW0.1HA W17CPNZ0.1HA
W17CKHZ0.1HA W17CCNB0.1HA W17CTCI0.1HA W17CPHW0.1HA W17CKMW0.1HA W17CMSW0.1HA

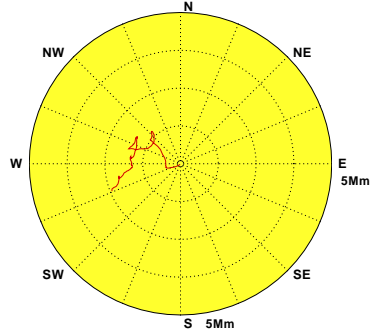
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Progressive Vector Diagram of Wind

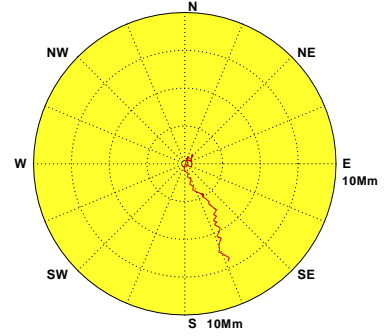
Wind of TPY0 at 2018/01 NO=724(97%)
MEAN=9.0m/s MAX=16.8m/s(NE)
N-E:88% E-S:5% S-W:4% W-N:3% Calm:0%



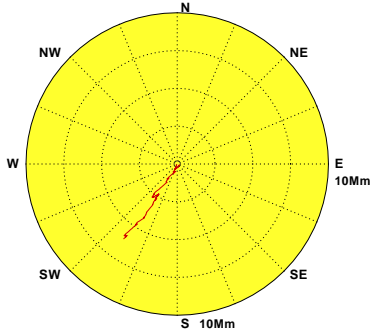
Wind of KLY0 at 2018/01 NO=310(42%)
MEAN=5.8m/s MAX=10.7m/s(N)
N-E:47% E-S:22% S-W:17% W-N:14% Calm:0%



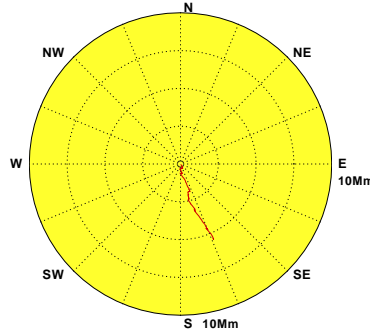
Wind of SAY0 at 2018/01 NO=744(100%)
MEAN=4.8m/s MAX=13.4m/s(NNE)
N-E:25% E-S:8% S-W:7% W-N:60% Calm:0%



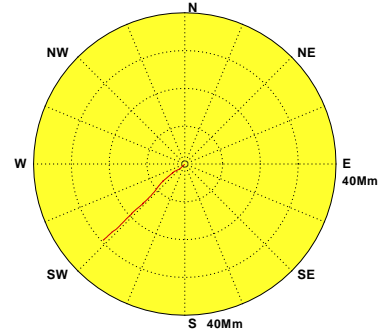
Wind of HLY0 at 2018/01 NO=698(94%)
MEAN=4.3m/s MAX=13.6m/s(NE)
N-E:52% E-S:2% S-W:33% W-N:13% Calm:0%



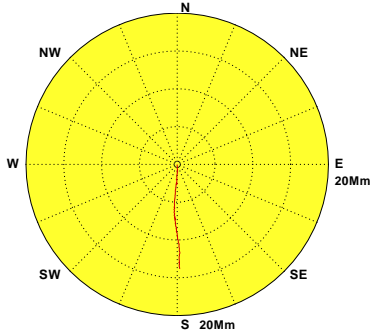
Wind of LTW0 at 2018/01 NO=507(68%)
MEAN=3.7m/s MAX=8.1m/s(NNW)
N-E:17% E-S:10% S-W:0% W-N:73% Calm:0%



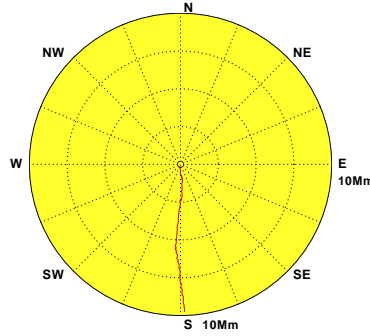
Wind of PNZ0 at 2018/01 NO=743(100%)
MEAN=11.3m/s MAX=19.4m/s(NE)
N-E:96% E-S:1% S-W:0% W-N:3% Calm:0%



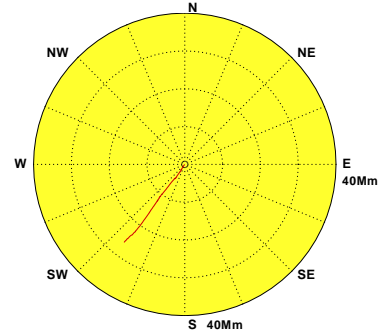
Wind of KHZ0 at 2018/01 NO=744(100%)
MEAN=5.5m/s MAX=13.0m/s(N)
N-E:50% E-S:1% S-W:1% W-N:48% Calm:0%



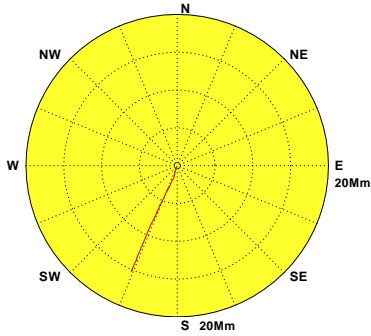
Wind of CNB0 at 2018/01 NO=531(71%)
MEAN=5.5m/s MAX=12.7m/s(N)
N-E:51% E-S:3% S-W:1% W-N:45% Calm:0%



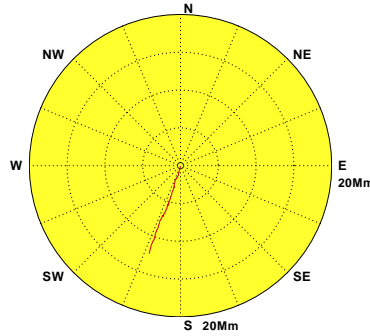
Wind of TCIO at 2018/01 NO=734(99%)
MEAN=10.1m/s MAX=19.7m/s(ENE)
N-E:96% E-S:2% S-W:1% W-N:1% Calm:0%



Wind of PHW0 at 2018/01 NO=577(78%)
MEAN=7.5m/s MAX=13.1m/s(NNE)
N-E:97% E-S:1% S-W:0% W-N:2% Calm:0%



Wind of KMW0 at 2018/01 NO=654(88%)
MEAN=5.5m/s MAX=14.0m/s(NNE)
N-E:90% E-S:2% S-W:1% W-N:7% Calm:0%



Wind of MSW0 at 2018/01

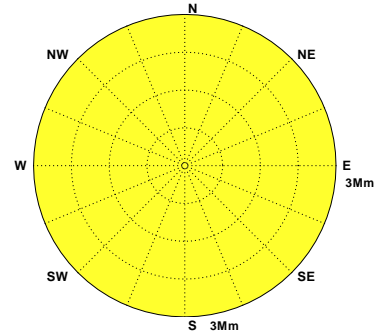


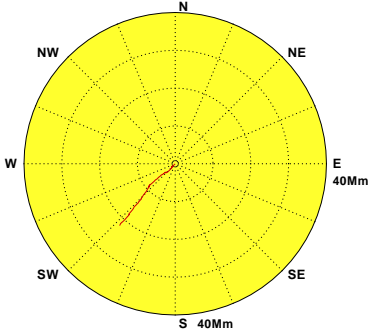
圖9.2a 2018年1月12海域主要測站2修補前觀測風向量行進圖

W181TPY0.1H0 W181KLY0.1H0 W181SAY0.1H0 W181HLY0.1H0 W181LTW0.1H0 W181PNZ0.1H0
W181KHZ0.1H0 W181CNB0.1H0 W181TCIO.1H0 W181PHW0.1H0 W181KMW0.1H0 W181MSW0.1H0

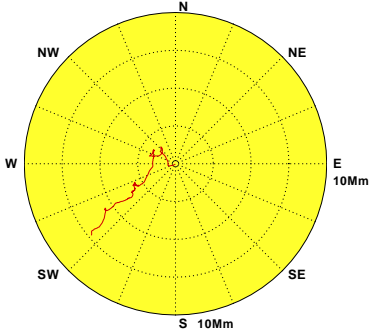
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Progressive Vector Diagram of Wind

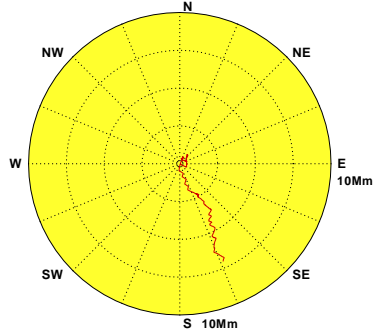
Wind of TPY0 at 2018/01 NO=744(100%)
 MEAN=8.9m/s MAX=16.8m/s(NE)
 N-E:87% E-S:6% S-W:4% W-N:3% Calm:0%



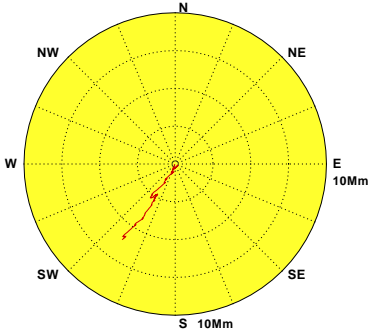
Wind of KLY0 at 2018/01 NO=744(100%)
 MEAN=5.0m/s MAX=10.7m/s(N)
 N-E:53% E-S:17% S-W:13% W-N:17% Calm:0%



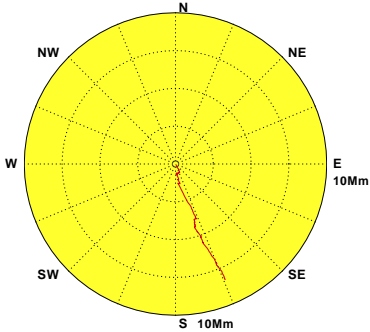
Wind of SAY0 at 2018/01 NO=744(100%)
 MEAN=4.8m/s MAX=13.4m/s(NNE)
 N-E:25% E-S:8% S-W:7% W-N:60% Calm:0%



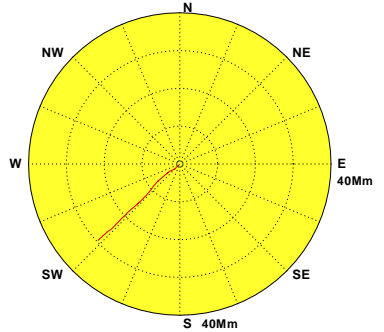
Wind of HLY0 at 2018/01 NO=744(100%)
 MEAN=4.1m/s MAX=13.6m/s(NE)
 N-E:49% E-S:3% S-W:33% W-N:15% Calm:0%



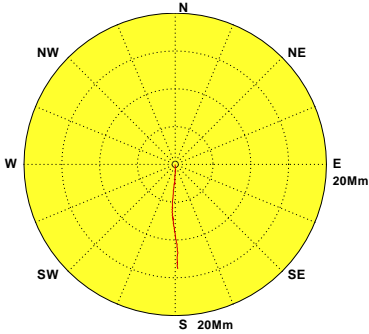
Wind of LTW0 at 2018/01 NO=744(100%)
 MEAN=3.7m/s MAX=8.1m/s(NNW)
 N-E:14% E-S:7% S-W:0% W-N:79% Calm:0%



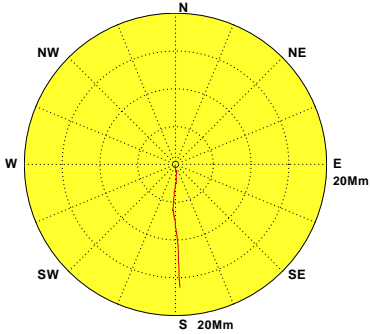
Wind of PNZ0 at 2018/01 NO=744(100%)
 MEAN=11.3m/s MAX=19.4m/s(NE)
 N-E:96% E-S:1% S-W:0% W-N:3% Calm:0%



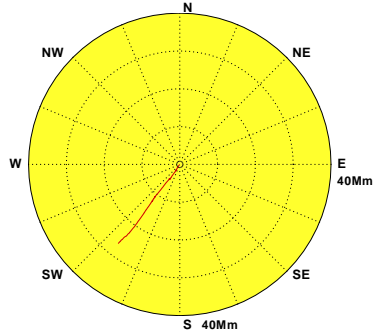
Wind of KHZ0 at 2018/01 NO=744(100%)
 MEAN=5.5m/s MAX=13.0m/s(N)
 N-E:50% E-S:1% S-W:1% W-N:48% Calm:0%



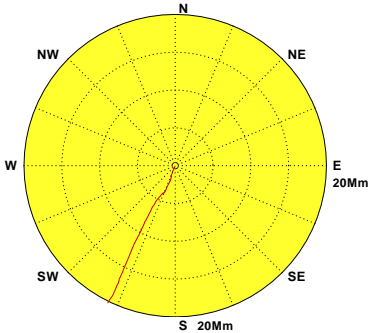
Wind of CNB0 at 2018/01 NO=744(100%)
 MEAN=6.4m/s MAX=16.7m/s(N)
 N-E:53% E-S:2% S-W:1% W-N:44% Calm:0%



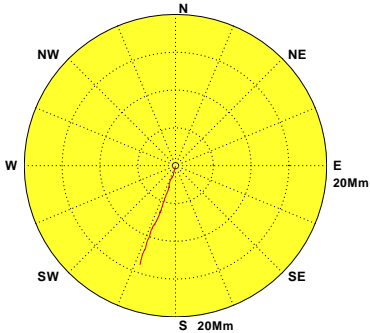
Wind of TCIO at 2018/01 NO=744(100%)
 MEAN=10.1m/s MAX=19.7m/s(ENE)
 N-E:96% E-S:2% S-W:1% W-N:1% Calm:0%



Wind of PHW0 at 2018/01 NO=744(100%)
 MEAN=7.7m/s MAX=13.1m/s(NNE)
 N-E:97% E-S:1% S-W:0% W-N:2% Calm:0%



Wind of KMW0 at 2018/01 NO=744(100%)
 MEAN=5.4m/s MAX=14.0m/s(NNE)
 N-E:90% E-S:2% S-W:1% W-N:7% Calm:0%



Wind of MSW0 at 2018/01 NO=744(100%)
 MEAN=3.5m/s MAX=5.9m/s(NNE)
 N-E:98% E-S:0% S-W:0% W-N:1% Calm:1%

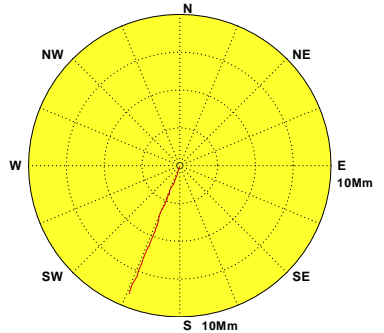


圖9.2b 2018年1月12海域主要測站2修補後觀測風向量行進圖

W181TPY0.1HA W181KLY0.1HA W181SAY0.1HA W181HLY0.1HA W181LTW0.1HA W181PNZ0.1HA
 W181KHZ0.1HA W181CNB0.1HA W181TCIO.1HA W181PHW0.1HA W181KMW0.1HA W181MSW0.1HA

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Progressive Vector Diagram of Wind

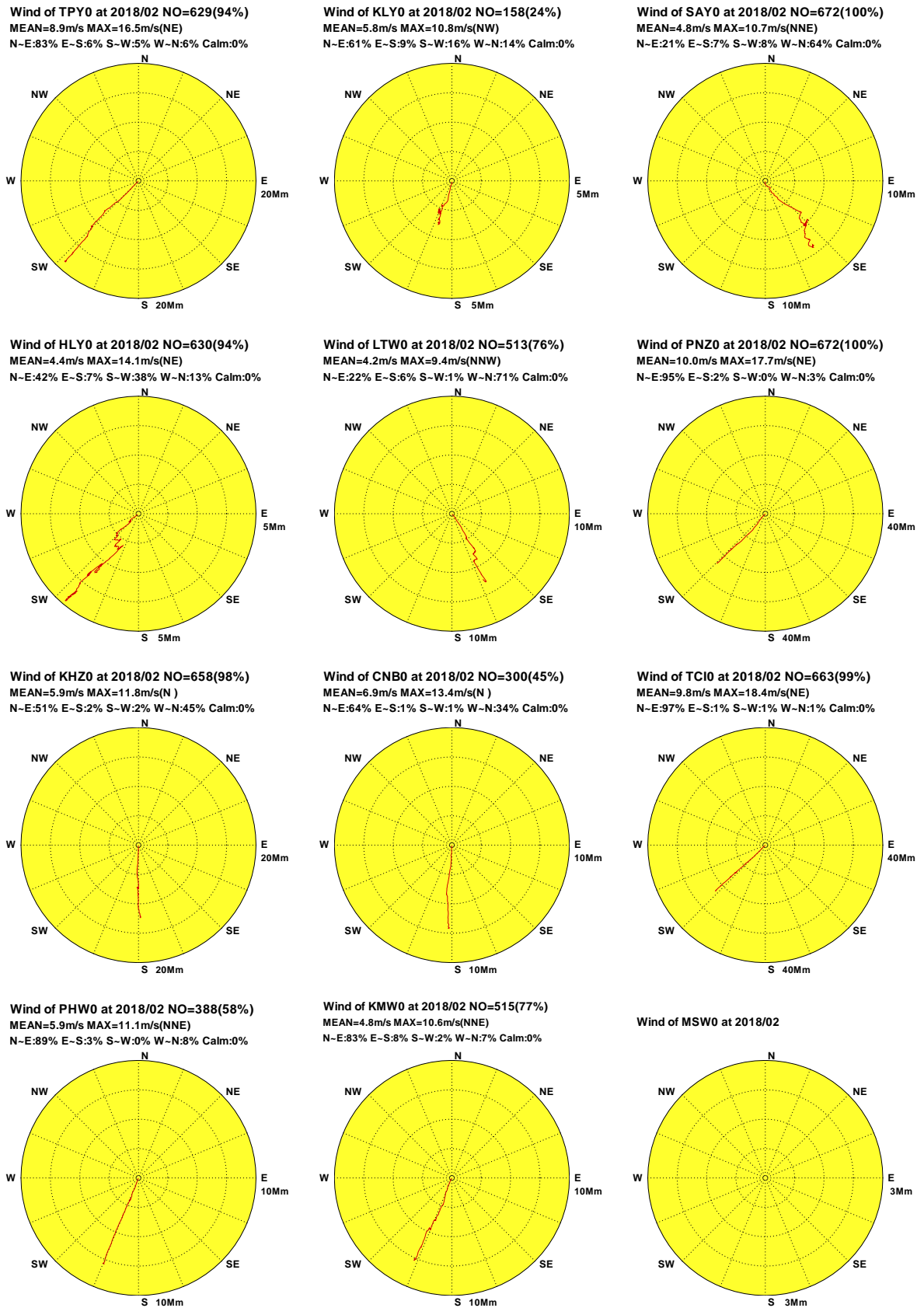


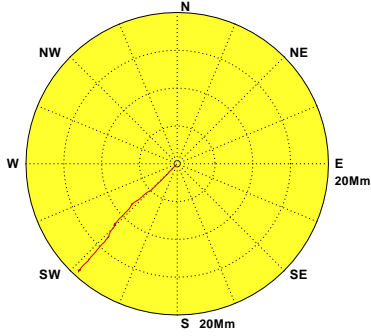
圖9.3a 2018年2月12海域主要測站2修補前觀測風向量行進圖

W182TPY0.1H0 W182KLY0.1H0 W182SAY0.1H0 W182HLY0.1H0 W182LTW0.1H0 W182PNZ0.1H0
W182KHZ0.1H0 W182CNB0.1H0 W182TCIO.1H0 W182PHW0.1H0 W182KMW0.1H0 W182MSW0.1H0

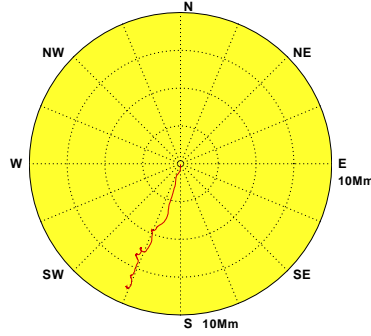
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Progressive Vector Diagram of Wind

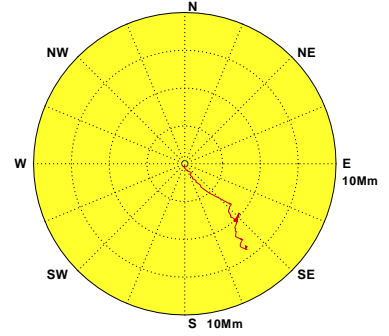
Wind of TPY0 at 2018/02 NO=672(100%)
 MEAN=8.6m/s MAX=16.5m/s(NE)
 N-E:83% E-S:6% S-W:5% W-N:6% Calm:0%



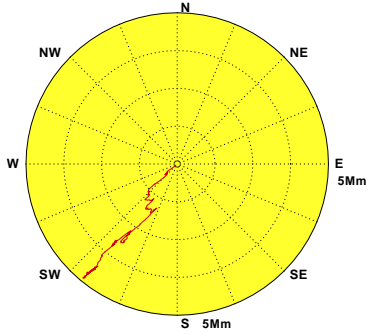
Wind of KLY0 at 2018/02 NO=672(100%)
 MEAN=4.9m/s MAX=11.9m/s(N)
 N-E:68% E-S:13% S-W:5% W-N:14% Calm:0%



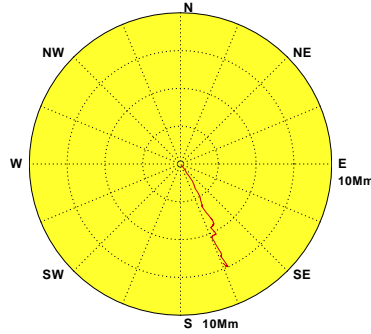
Wind of SAY0 at 2018/02 NO=672(100%)
 MEAN=4.8m/s MAX=10.7m/s(NNE)
 N-E:21% E-S:7% S-W:8% W-N:64% Calm:0%



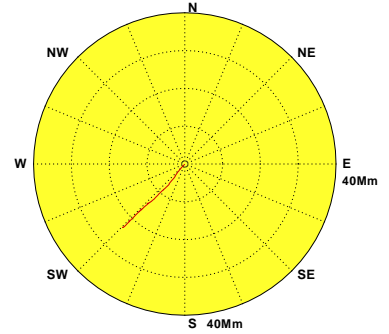
Wind of HLY0 at 2018/02 NO=672(100%)
 MEAN=4.2m/s MAX=14.1m/s(NE)
 N-E:40% E-S:8% S-W:38% W-N:14% Calm:0%



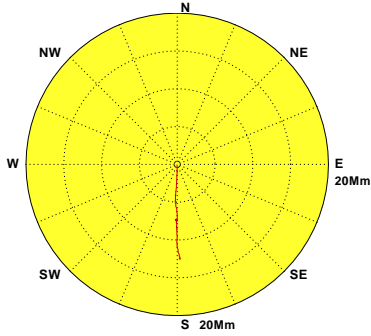
Wind of LTW0 at 2018/02 NO=672(100%)
 MEAN=3.6m/s MAX=9.4m/s(NNW)
 N-E:21% E-S:5% S-W:1% W-N:73% Calm:0%



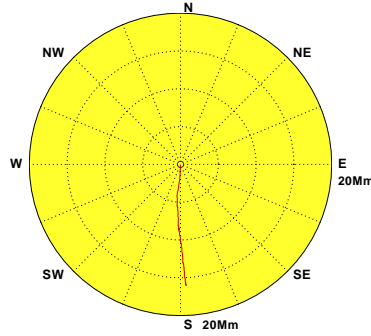
Wind of PNZ0 at 2018/02 NO=672(100%)
 MEAN=10.0m/s MAX=17.7m/s(NE)
 N-E:95% E-S:2% S-W:0% W-N:3% Calm:0%



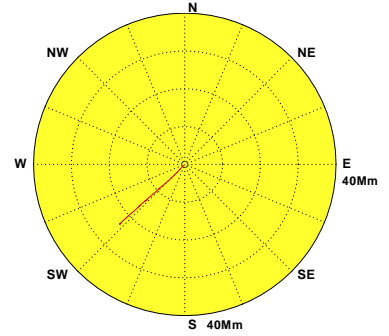
Wind of KHZ0 at 2018/02 NO=672(100%)
 MEAN=5.8m/s MAX=11.8m/s(N)
 N-E:51% E-S:2% S-W:2% W-N:45% Calm:0%



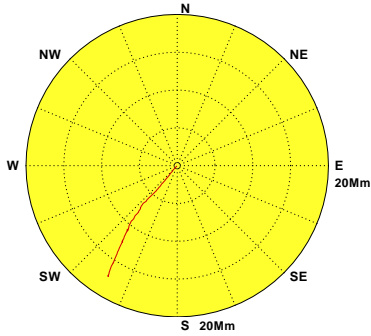
Wind of CNB0 at 2018/02 NO=672(100%)
 MEAN=7.0m/s MAX=13.4m/s(N)
 N-E:51% E-S:1% S-W:1% W-N:47% Calm:0%



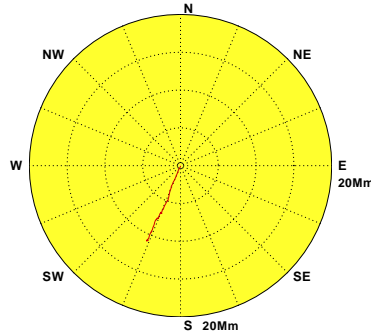
Wind of TCIO at 2018/02 NO=672(100%)
 MEAN=9.8m/s MAX=18.4m/s(NE)
 N-E:97% E-S:1% S-W:1% W-N:1% Calm:0%



Wind of PHW0 at 2018/02 NO=672(100%)
 MEAN=7.4m/s MAX=13.1m/s(NE)
 N-E:93% E-S:2% S-W:0% W-N:5% Calm:0%



Wind of KMW0 at 2018/02 NO=672(100%)
 MEAN=5.0m/s MAX=10.6m/s(NNE)
 N-E:85% E-S:7% S-W:2% W-N:6% Calm:0%



Wind of MSW0 at 2018/02 NO=672(100%)
 MEAN=3.8m/s MAX=5.8m/s(N)
 N-E:78% E-S:11% S-W:1% W-N:10% Calm:0%

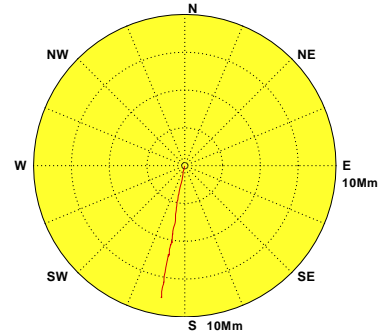


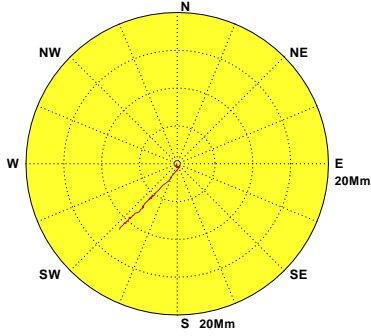
圖9.3b 2018年2月12海域主要測站2修補後觀測風向量行進圖

W182TPY0.1HA W182KLY0.1HA W182SAY0.1HA W182HLY0.1HA W182LTW0.1HA W182PNZ0.1HA
 W182KHZ0.1HA W182CNB0.1HA W182TCIO.1HA W182PHW0.1HA W182KMW0.1HA W182MSW0.1HA

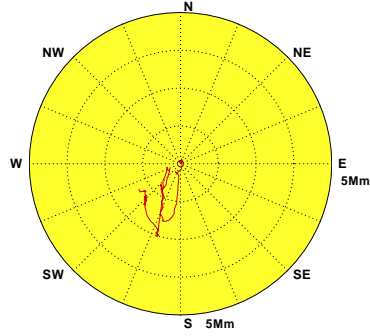
Institute of Harbor & Marine Technology

Progressive Vector Diagram of Wind

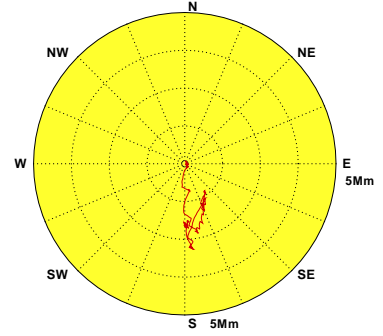
Wind of TPY0 at 2018/03 NO=708(95%)
 MEAN=6.1m/s MAX=15.3m/s(NE)
 N-E:59% E-S:20% S-W:8% W-N:13% Calm:0%



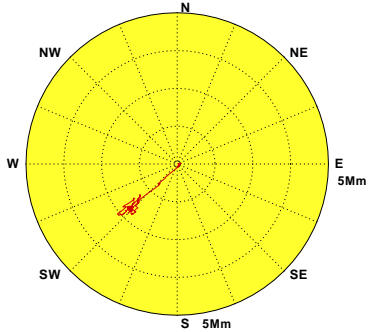
Wind of KLY0 at 2018/03 NO=613(82%)
 MEAN=4.9m/s MAX=11.6m/s(N)
 N-E:34% E-S:27% S-W:29% W-N:10% Calm:0%



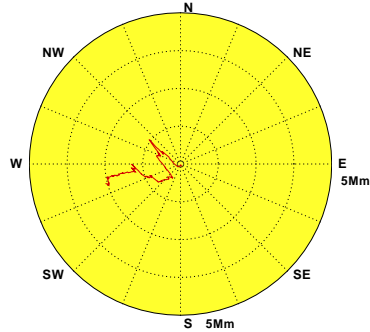
Wind of SAY0 at 2018/03 NO=744(100%)
 MEAN=4.3m/s MAX=13.2m/s(NNE)
 N-E:26% E-S:21% S-W:14% W-N:39% Calm:0%



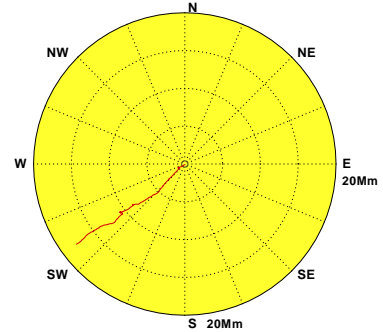
Wind of HLY0 at 2018/03 NO=674(91%)
 MEAN=3.6m/s MAX=14.6m/s(NE)
 N-E:35% E-S:11% S-W:41% W-N:13% Calm:0%



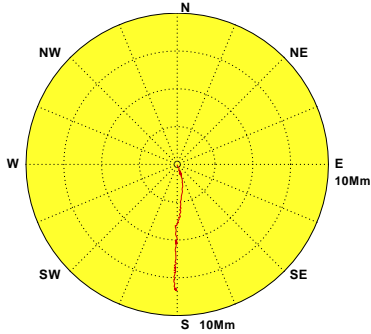
Wind of LTW0 at 2018/03 NO=742(100%)
 MEAN=3.0m/s MAX=9.8m/s(SE)
 N-E:30% E-S:43% S-W:1% W-N:26% Calm:0%



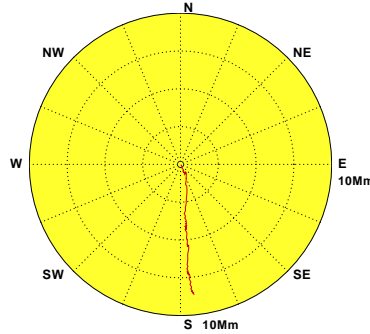
Wind of PNZ0 at 2018/03 NO=744(100%)
 MEAN=7.5m/s MAX=15.7m/s(NE)
 N-E:84% E-S:6% S-W:3% W-N:7% Calm:0%



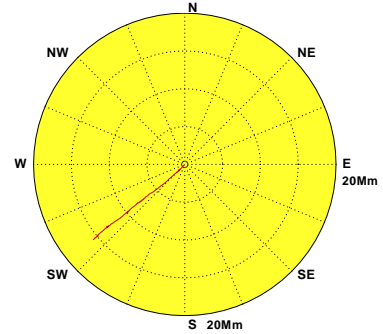
Wind of KHZ0 at 2018/03 NO=701(94%)
 MEAN=4.4m/s MAX=13.0m/s(N)
 N-E:43% E-S:9% S-W:5% W-N:43% Calm:0%



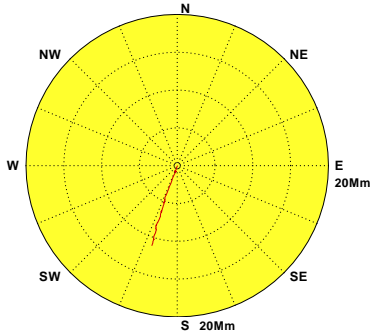
Wind of CNB0 at 2018/03 NO=641(86%)
 MEAN=4.7m/s MAX=14.3m/s(N)
 N-E:43% E-S:8% S-W:6% W-N:42% Calm:1%



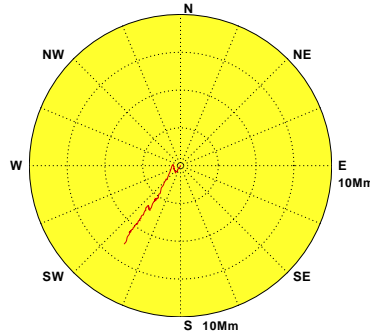
Wind of TC10 at 2018/03 NO=728(98%)
 MEAN=6.5m/s MAX=19.9m/s(NE)
 N-E:83% E-S:7% S-W:6% W-N:3% Calm:1%



Wind of PHW0 at 2018/03 NO=674(91%)
 MEAN=5.0m/s MAX=12.2m/s(NNE)
 N-E:74% E-S:5% S-W:2% W-N:18% Calm:1%



Wind of KMW0 at 2018/03 NO=657(88%)
 MEAN=3.9m/s MAX=15.6m/s(NE)
 N-E:69% E-S:15% S-W:5% W-N:11% Calm:0%



Wind of MSW0 at 2018/03 NO=578(78%)
 MEAN=3.3m/s MAX=9.4m/s(NNW)
 N-E:9% E-S:13% S-W:6% W-N:70% Calm:2%

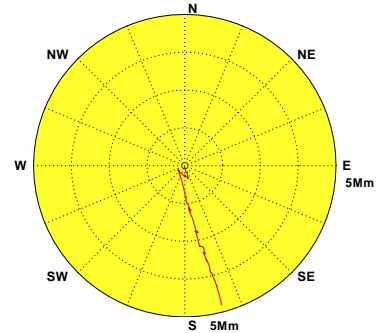


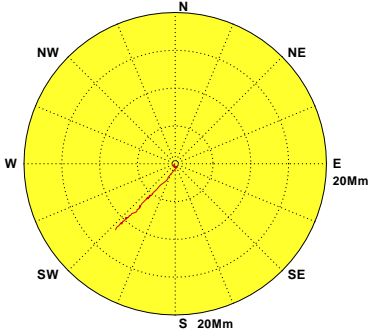
圖9.4a 2018年3月12海域主要測站2修補前觀測風向量行進圖

W183TPY0.1H0 W183KLY0.1H0 W183SAY0.1H0 W183HLY0.1H0 W183LTW0.1H0 W183PNZ0.1H0
 W183KHZ0.1H0 W183CNB0.1H0 W183TC10.1H0 W183PHW0.1H0 W183KMW0.1H0 W183MSW0.1H0

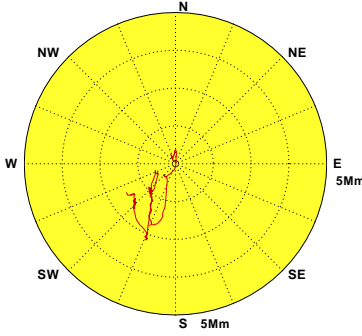
Institute of Harbor & Marine Technology

Progressive Vector Diagram of Wind

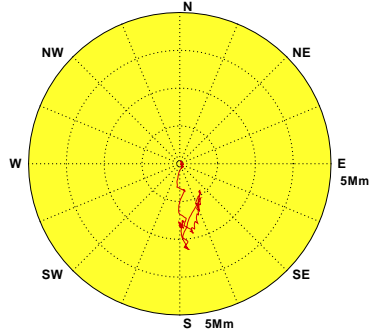
Wind of TPY0 at 2018/03 NO=744(100%)
 MEAN=6.0m/s MAX=15.3m/s(NE)
 N-E:57% E-S:22% S-W:8% W-N:13% Calm:0%



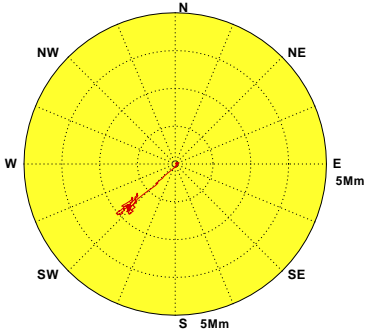
Wind of KLY0 at 2018/03 NO=744(100%)
 MEAN=4.6m/s MAX=11.6m/s(N)
 N-E:32% E-S:26% S-W:30% W-N:12% Calm:0%



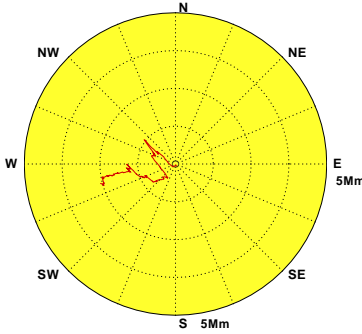
Wind of SAY0 at 2018/03 NO=744(100%)
 MEAN=4.3m/s MAX=13.2m/s(NNE)
 N-E:26% E-S:21% S-W:14% W-N:39% Calm:0%



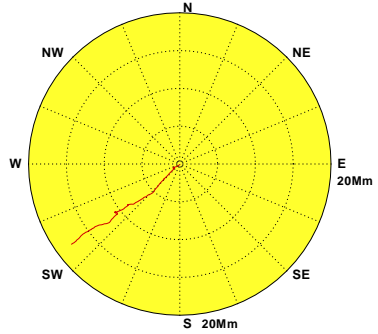
Wind of HLY0 at 2018/03 NO=744(100%)
 MEAN=3.4m/s MAX=14.6m/s(NE)
 N-E:32% E-S:13% S-W:39% W-N:16% Calm:0%



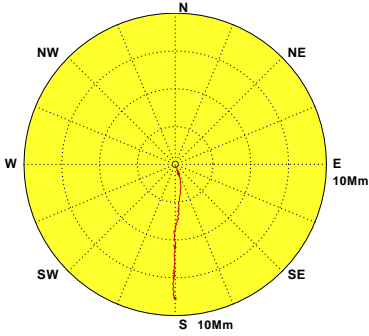
Wind of LTW0 at 2018/03 NO=744(100%)
 MEAN=3.0m/s MAX=9.8m/s(SE)
 N-E:29% E-S:44% S-W:1% W-N:26% Calm:0%



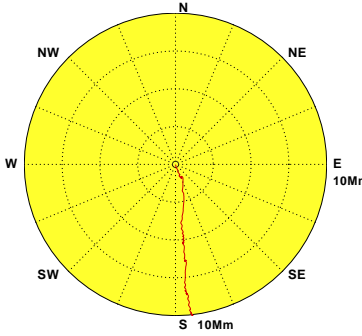
Wind of PNZ0 at 2018/03 NO=744(100%)
 MEAN=7.5m/s MAX=15.7m/s(NE)
 N-E:84% E-S:6% S-W:3% W-N:7% Calm:0%



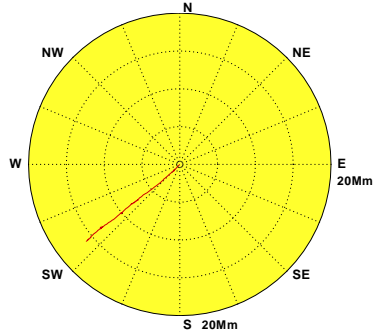
Wind of KHZ0 at 2018/03 NO=744(100%)
 MEAN=4.4m/s MAX=13.0m/s(N)
 N-E:43% E-S:8% S-W:5% W-N:44% Calm:0%



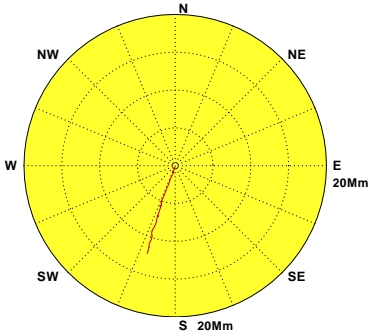
Wind of CNB0 at 2018/03 NO=744(100%)
 MEAN=4.7m/s MAX=14.5m/s(N)
 N-E:42% E-S:8% S-W:6% W-N:43% Calm:1%



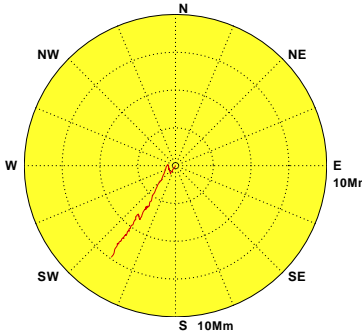
Wind of TCIO at 2018/03 NO=744(100%)
 MEAN=6.5m/s MAX=19.9m/s(NE)
 N-E:83% E-S:7% S-W:6% W-N:3% Calm:1%



Wind of PHW0 at 2018/03 NO=744(100%)
 MEAN=5.0m/s MAX=12.2m/s(NNE)
 N-E:73% E-S:5% S-W:2% W-N:19% Calm:1%



Wind of KMW0 at 2018/03 NO=744(100%)
 MEAN=3.9m/s MAX=15.6m/s(NE)
 N-E:69% E-S:15% S-W:5% W-N:11% Calm:0%



Wind of MSW0 at 2018/03 NO=744(100%)
 MEAN=3.1m/s MAX=9.4m/s(NNW)
 N-E:22% E-S:14% S-W:5% W-N:58% Calm:1%

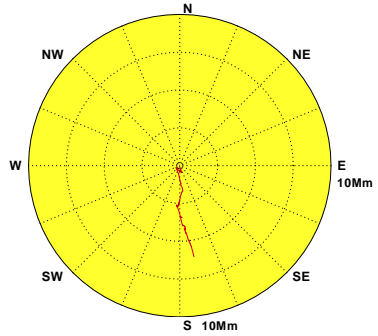


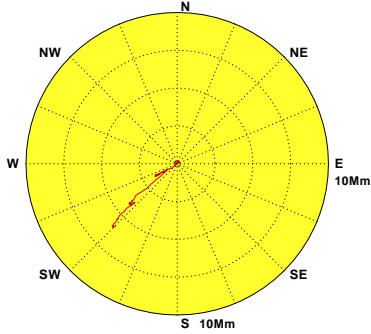
圖9.4b 2018年3月12海域主要測站2修補後觀測風向量行進圖

W183TPY0.1HA W183KLY0.1HA W183SAY0.1HA W183HLY0.1HA W183LTW0.1HA W183PNZ0.1HA
 W183KHZ0.1HA W183CNB0.1HA W183TCIO.1HA W183PHW0.1HA W183KMW0.1HA W183MSW0.1HA

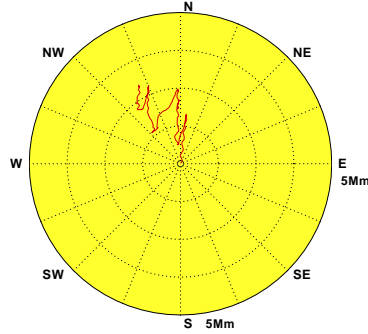
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Progressive Vector Diagram of Wind

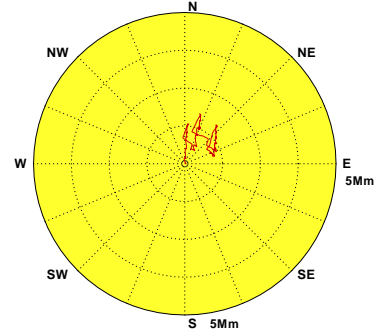
Wind of TPY0 at 2018/04 NO=626(87%)
 MEAN=5.2m/s MAX=15.5m/s(NE)
 N-E:44% E-S:19% S-W:20% W-N:17% Calm:0%



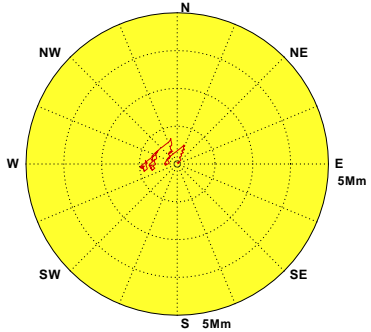
Wind of KLY0 at 2018/04 NO=658(91%)
 MEAN=4.5m/s MAX=11.0m/s(NE)
 N-E:27% E-S:31% S-W:39% W-N:3% Calm:0%



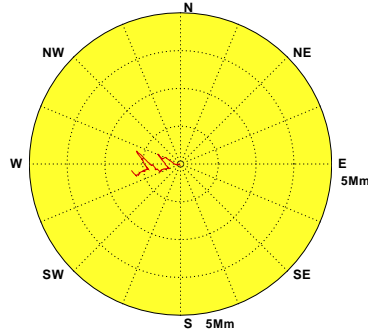
Wind of SAY0 at 2018/04 NO=720(100%)
 MEAN=3.9m/s MAX=12.8m/s(NE)
 N-E:18% E-S:22% S-W:17% W-N:42% Calm:1%



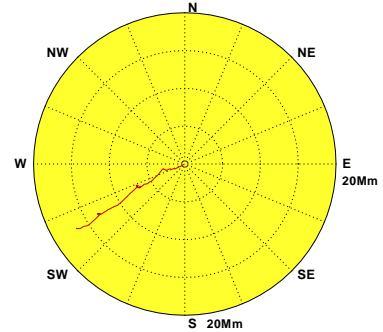
Wind of HLY0 at 2018/04 NO=668(93%)
 MEAN=3.5m/s MAX=14.9m/s(NE)
 N-E:24% E-S:19% S-W:46% W-N:11% Calm:0%



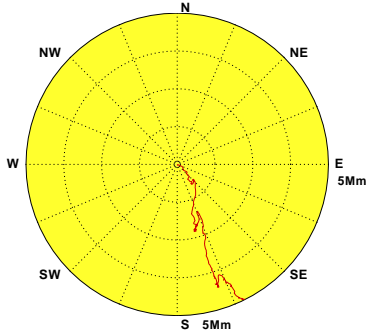
Wind of LTW0 at 2018/04 NO=473(66%)
 MEAN=3.0m/s MAX=8.9m/s(SE)
 N-E:30% E-S:42% S-W:3% W-N:25% Calm:0%



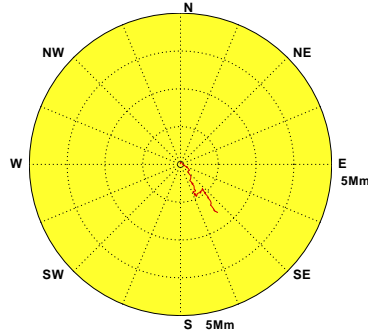
Wind of PNZ0 at 2018/04 NO=720(100%)
 MEAN=7.6m/s MAX=17.5m/s(NE)
 N-E:76% E-S:15% S-W:5% W-N:4% Calm:0%



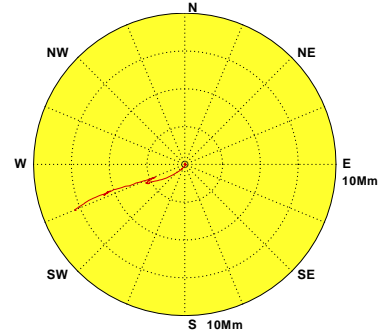
Wind of KHZ0 at 2018/04 NO=684(95%)
 MEAN=3.7m/s MAX=12.4m/s(N)
 N-E:23% E-S:7% S-W:15% W-N:54% Calm:1%



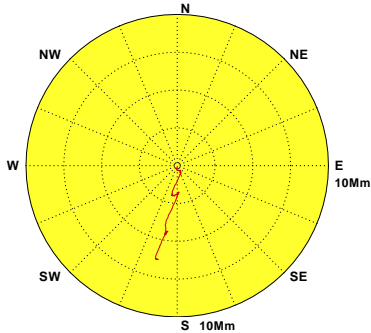
Wind of CNB0 at 2018/04 NO=305(42%)
 MEAN=3.0m/s MAX=12.0m/s(N)
 N-E:20% E-S:9% S-W:16% W-N:53% Calm:2%



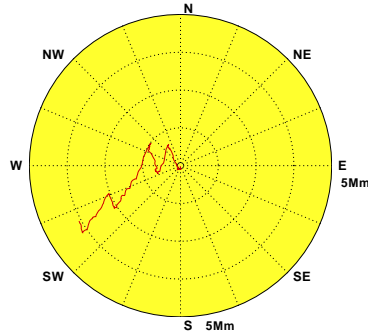
Wind of TCIO at 2018/04 NO=698(97%)
 MEAN=4.8m/s MAX=20.2m/s(ENE)
 N-E:58% E-S:6% S-W:20% W-N:15% Calm:1%



Wind of PHW0 at 2018/04 NO=640(89%)
 MEAN=3.9m/s MAX=13.6m/s(NNE)
 N-E:51% E-S:9% S-W:12% W-N:27% Calm:1%



Wind of KMW0 at 2018/04 NO=660(92%)
 MEAN=3.8m/s MAX=11.7m/s(NNE)
 N-E:49% E-S:33% S-W:12% W-N:6% Calm:0%



Wind of MSW0 at 2018/04 NO=671(93%)
 MEAN=2.5m/s MAX=9.0m/s(NNW)
 N-E:14% E-S:24% S-W:9% W-N:51% Calm:2%

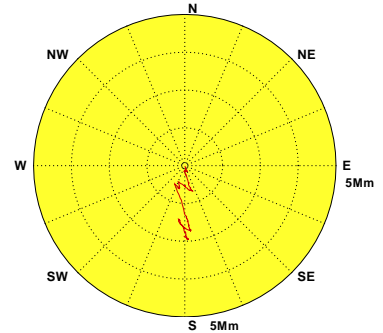


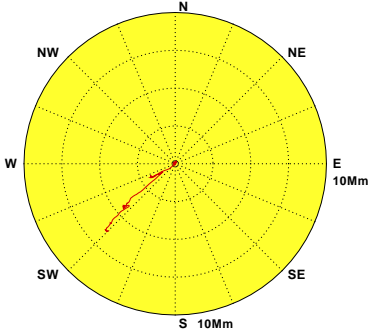
圖9.5a 2018年4月12海域主要測站2修補前觀測風向量行進圖

W184TPY0.1H0 W184KLY0.1H0 W184SAY0.1H0 W184HLY0.1H0 W184LTW0.1H0 W184PNZ0.1H0
 W184KHZ0.1H0 W184CNB0.1H0 W184TCIO.1H0 W184PHW0.1H0 W184KMW0.1H0 W184MSW0.1H0

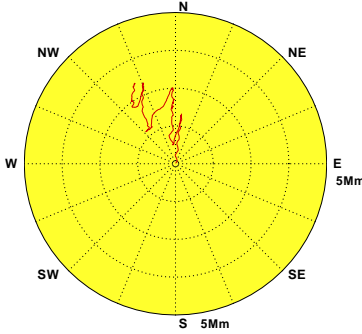
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Progressive Vector Diagram of Wind

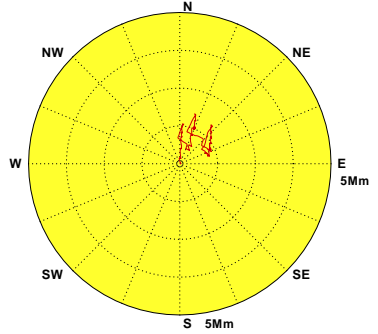
Wind of TPY0 at 2018/04 NO=720(100%)
 MEAN=4.9m/s MAX=15.5m/s(NE)
 N-E:45% E-S:18% S-W:18% W-N:19% Calm:0%



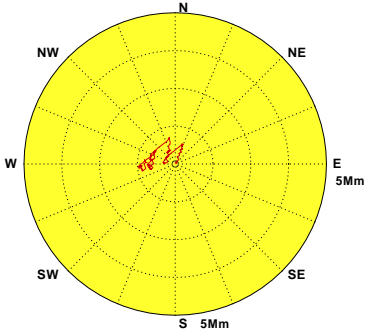
Wind of KLY0 at 2018/04 NO=720(100%)
 MEAN=4.3m/s MAX=11.0m/s(NE)
 N-E:26% E-S:29% S-W:41% W-N:4% Calm:0%



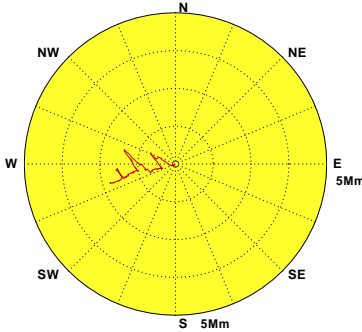
Wind of SAY0 at 2018/04 NO=720(100%)
 MEAN=3.9m/s MAX=12.8m/s(NE)
 N-E:18% E-S:22% S-W:17% W-N:42% Calm:1%



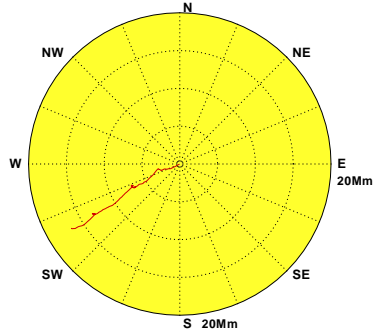
Wind of HLY0 at 2018/04 NO=720(100%)
 MEAN=3.3m/s MAX=14.9m/s(NE)
 N-E:23% E-S:19% S-W:46% W-N:12% Calm:0%



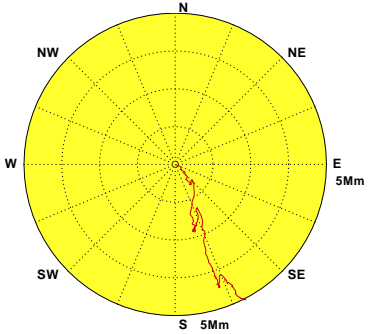
Wind of LTW0 at 2018/04 NO=720(100%)
 MEAN=2.6m/s MAX=8.9m/s(SE)
 N-E:36% E-S:35% S-W:4% W-N:24% Calm:1%



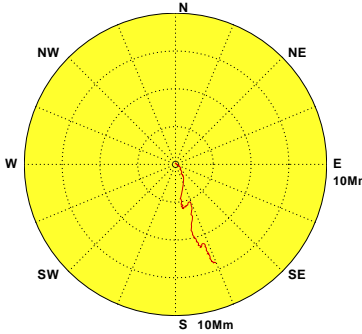
Wind of PNZ0 at 2018/04 NO=720(100%)
 MEAN=7.6m/s MAX=17.5m/s(NE)
 N-E:76% E-S:15% S-W:5% W-N:4% Calm:0%



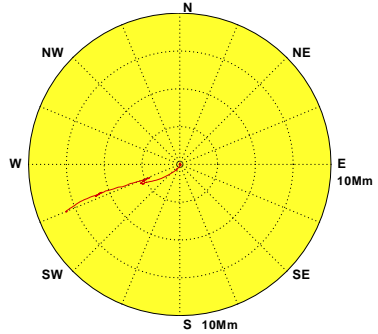
Wind of KHZ0 at 2018/04 NO=720(100%)
 MEAN=3.6m/s MAX=12.4m/s(N)
 N-E:22% E-S:7% S-W:16% W-N:54% Calm:1%



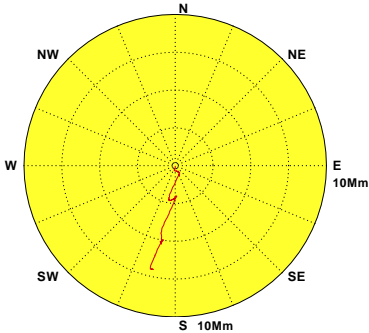
Wind of CNB0 at 2018/04 NO=720(100%)
 MEAN=4.0m/s MAX=16.9m/s(N)
 N-E:29% E-S:5% S-W:14% W-N:51% Calm:1%



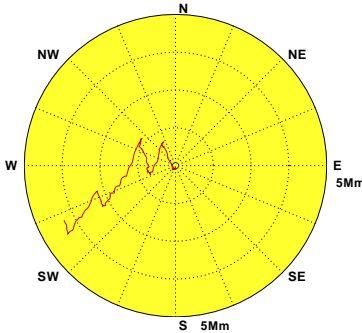
Wind of TCIO at 2018/04 NO=720(100%)
 MEAN=4.8m/s MAX=20.2m/s(ENE)
 N-E:57% E-S:7% S-W:20% W-N:15% Calm:1%



Wind of PHW0 at 2018/04 NO=720(100%)
 MEAN=3.9m/s MAX=13.6m/s(NNE)
 N-E:51% E-S:9% S-W:13% W-N:26% Calm:1%



Wind of KMW0 at 2018/04 NO=720(100%)
 MEAN=3.8m/s MAX=11.7m/s(NNE)
 N-E:48% E-S:34% S-W:12% W-N:6% Calm:0%



Wind of MSW0 at 2018/04 NO=720(100%)
 MEAN=2.5m/s MAX=9.0m/s(NNW)
 N-E:15% E-S:24% S-W:9% W-N:50% Calm:2%

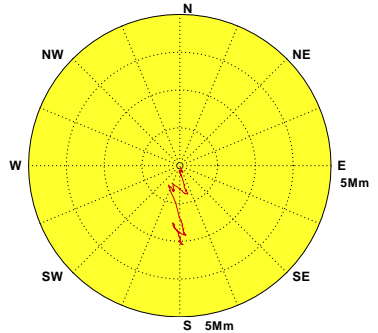


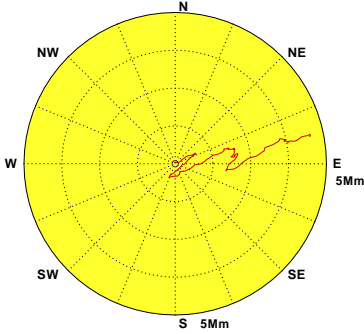
圖9.5b 2018年4月12海域主要測站2修補後觀測風向量行進圖

W184TPY0.1HA W184KLY0.1HA W184SAY0.1HA W184HLY0.1HA W184LTW0.1HA W184PNZ0.1HA
 W184KHZ0.1HA W184CNB0.1HA W184TCIO.1HA W184PHW0.1HA W184KMW0.1HA W184MSW0.1HA

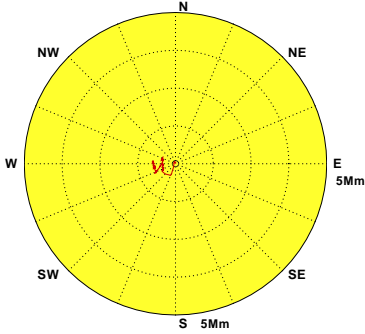
Institute of Harbor & Marine Technology

Progressive Vector Diagram of Wind

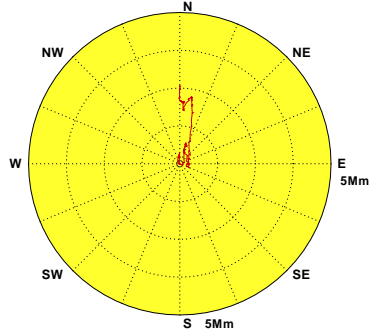
Wind of TPY0 at 2018/05 NO=467(63%)
 MEAN=5.7m/s MAX=12.9m/s(NE)
 N-E:24% E-S:5% S-W:58% W-N:13% Calm:0%



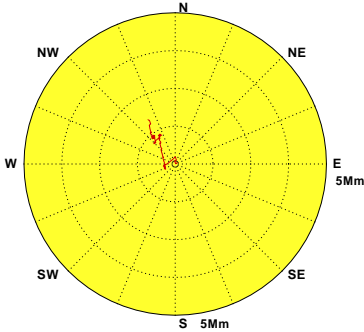
Wind of KLY0 at 2018/05 NO=353(47%)
 MEAN=3.2m/s MAX=8.6m/s(NE)
 N-E:39% E-S:20% S-W:33% W-N:8% Calm:0%



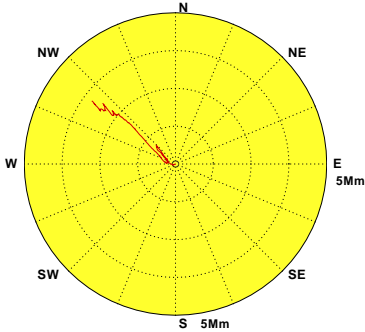
Wind of SAY0 at 2018/05 NO=744(100%)
 MEAN=3.1m/s MAX=11.3m/s(NE)
 N-E:19% E-S:24% S-W:22% W-N:32% Calm:3%



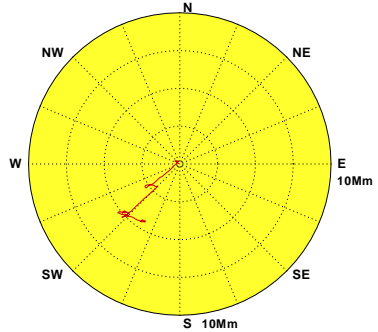
Wind of HLY0 at 2018/05 NO=406(55%)
 MEAN=3.2m/s MAX=11.2m/s(NE)
 N-E:22% E-S:33% S-W:33% W-N:12% Calm:0%



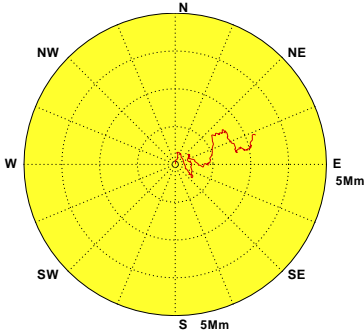
Wind of LTW0 at 2018/05 NO=612(82%)
 MEAN=2.9m/s MAX=8.6m/s(SE)
 N-E:17% E-S:64% S-W:2% W-N:17% Calm:0%



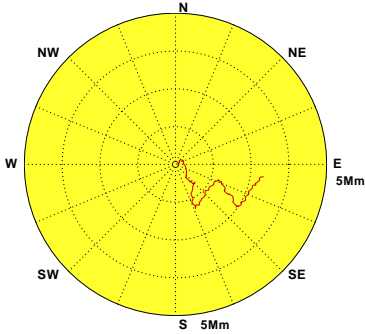
Wind of PNZ0 at 2018/05 NO=744(100%)
 MEAN=4.8m/s MAX=16.0m/s(NE)
 N-E:37% E-S:19% S-W:21% W-N:22% Calm:1%



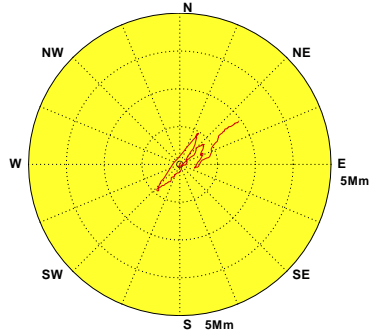
Wind of KHZ0 at 2018/05 NO=738(99%)
 MEAN=3.0m/s MAX=8.5m/s(ESE)
 N-E:8% E-S:20% S-W:36% W-N:35% Calm:1%



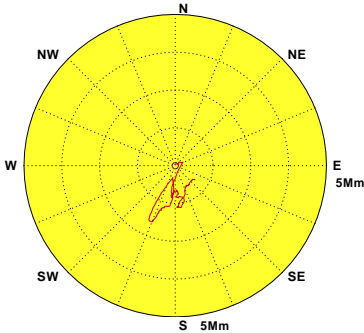
Wind of CNB0 at 2018/05 NO=588(79%)
 MEAN=3.2m/s MAX=9.8m/s(NW)
 N-E:13% E-S:9% S-W:47% W-N:31% Calm:0%



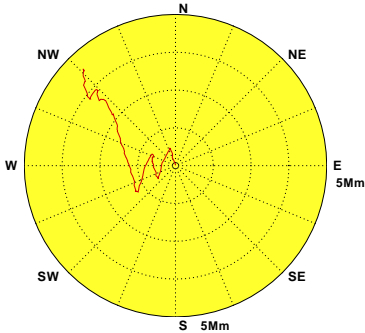
Wind of TC10 at 2018/05 NO=644(87%)
 MEAN=4.3m/s MAX=13.1m/s(NE)
 N-E:25% E-S:4% S-W:54% W-N:16% Calm:1%



Wind of PHW0 at 2018/05 NO=711(96%)
 MEAN=3.2m/s MAX=11.2m/s(NNE)
 N-E:22% E-S:20% S-W:39% W-N:19% Calm:0%



Wind of KMW0 at 2018/05 NO=604(81%)
 MEAN=4.5m/s MAX=10.5m/s(NE)
 N-E:26% E-S:55% S-W:17% W-N:2% Calm:0%



Wind of MSW0 at 2018/05 NO=691(93%)
 MEAN=3.5m/s MAX=8.6m/s(NNW)
 N-E:6% E-S:47% S-W:8% W-N:39% Calm:0%

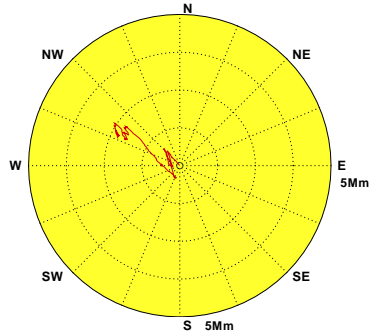


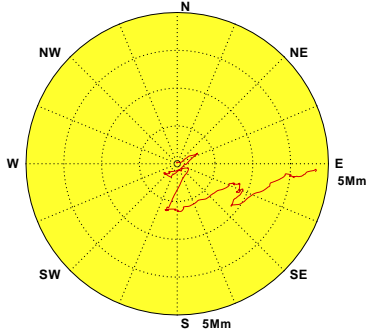
圖9.6a 2018年5月12海域主要測站2修補前觀測風向量行進圖

W185TPY0.1H0 W185KLY0.1H0 W185SAY0.1H0 W185HLY0.1H0 W185LTW0.1H0 W185PNZ0.1H0
 W185KHZ0.1H0 W185CNB0.1H0 W185TC10.1H0 W185PHW0.1H0 W185KMW0.1H0 W185MSW0.1H0

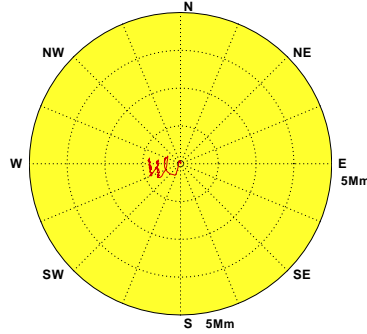
Institute of Harbor & Marine Technology

Progressive Vector Diagram of Wind

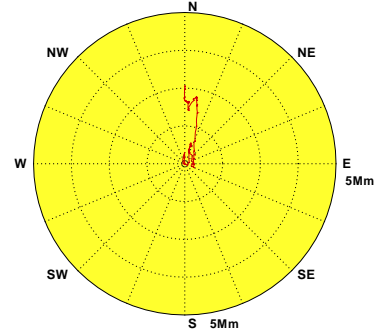
Wind of TPY0 at 2018/05 NO=744(100%)
 MEAN=5.0m/s MAX=12.9m/s(NE)
 N-E:28% E-S:12% S-W:43% W-N:16% Calm:1%



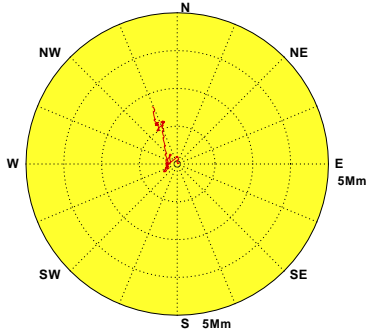
Wind of KLY0 at 2018/05 NO=744(100%)
 MEAN=2.5m/s MAX=11.0m/s(N)
 N-E:32% E-S:18% S-W:36% W-N:13% Calm:1%



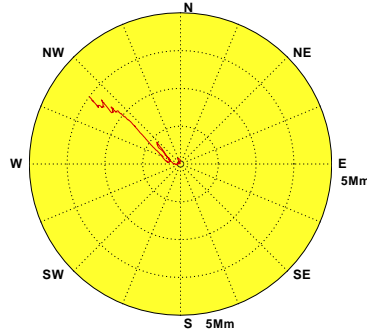
Wind of SAY0 at 2018/05 NO=744(100%)
 MEAN=3.1m/s MAX=11.3m/s(NE)
 N-E:19% E-S:24% S-W:22% W-N:32% Calm:3%



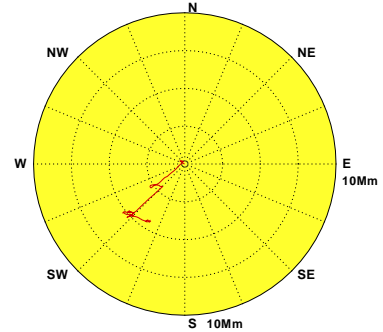
Wind of HLY0 at 2018/05 NO=744(100%)
 MEAN=2.6m/s MAX=11.2m/s(NE)
 N-E:19% E-S:30% S-W:37% W-N:13% Calm:1%



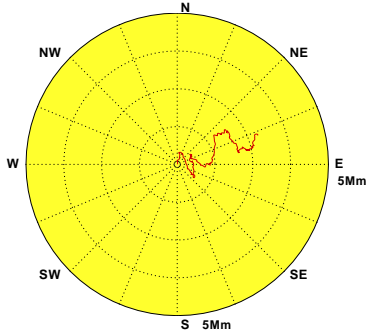
Wind of LTW0 at 2018/05 NO=744(100%)
 MEAN=2.8m/s MAX=8.6m/s(SE)
 N-E:17% E-S:60% S-W:4% W-N:19% Calm:0%



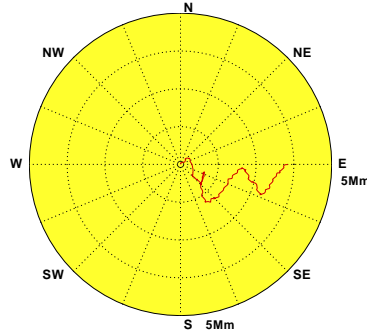
Wind of PNZ0 at 2018/05 NO=744(100%)
 MEAN=4.8m/s MAX=16.0m/s(NE)
 N-E:37% E-S:19% S-W:21% W-N:22% Calm:1%



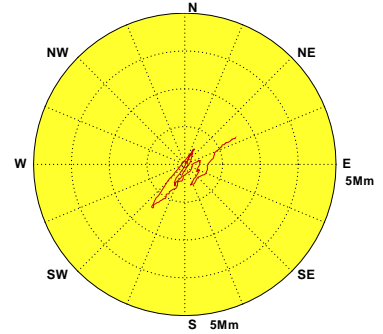
Wind of KHZ0 at 2018/05 NO=744(100%)
 MEAN=3.0m/s MAX=8.5m/s(ESE)
 N-E:8% E-S:20% S-W:36% W-N:35% Calm:1%



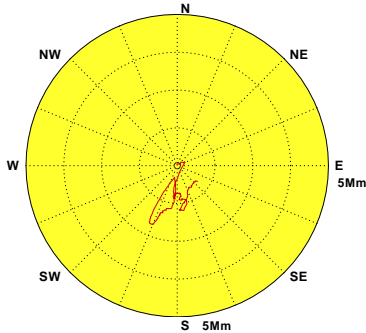
Wind of CNB0 at 2018/05 NO=744(100%)
 MEAN=3.0m/s MAX=9.8m/s(NW)
 N-E:13% E-S:12% S-W:47% W-N:28% Calm:0%



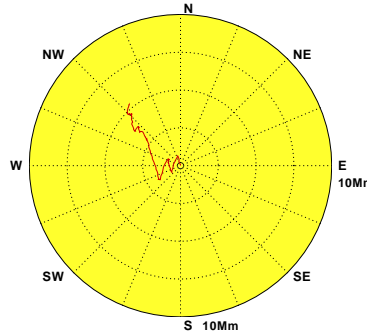
Wind of TCIO at 2018/05 NO=744(100%)
 MEAN=4.4m/s MAX=13.4m/s(NNE)
 N-E:27% E-S:3% S-W:55% W-N:14% Calm:1%



Wind of PHW0 at 2018/05 NO=744(100%)
 MEAN=3.2m/s MAX=11.2m/s(NNE)
 N-E:22% E-S:20% S-W:38% W-N:20% Calm:0%



Wind of KMW0 at 2018/05 NO=744(100%)
 MEAN=4.3m/s MAX=10.5m/s(NE)
 N-E:26% E-S:52% S-W:20% W-N:2% Calm:0%



Wind of MSW0 at 2018/05 NO=744(100%)
 MEAN=3.5m/s MAX=8.6m/s(NNW)
 N-E:9% E-S:47% S-W:7% W-N:37% Calm:0%

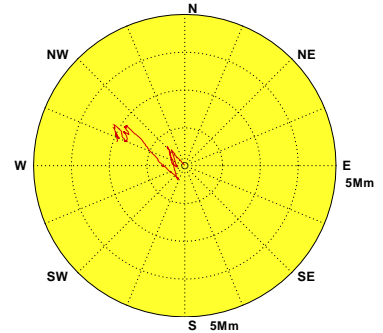


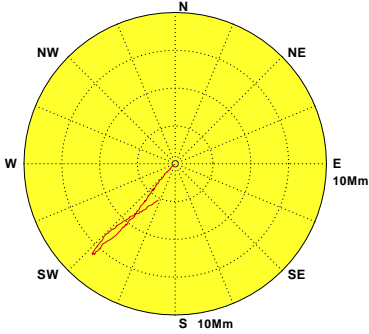
圖9.6b 2018年5月12海域主要測站2修補後觀測風向量行進圖

W185TPY0.1HA W185KLY0.1HA W185SAY0.1HA W185HLY0.1HA W185LTW0.1HA W185PNZ0.1HA
 W185KHZ0.1HA W185CNB0.1HA W185TCIO.1HA W185PHW0.1HA W185KMW0.1HA W185MSW0.1HA

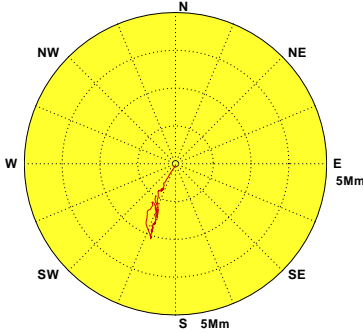
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Progressive Vector Diagram of Wind

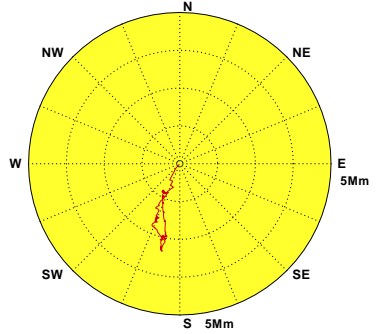
Wind of TPY0 at 2018/06 NO=668(93%)
 MEAN=6.3m/s MAX=13.6m/s(NE)
 N-E:48% E-S:12% S-W:37% W-N:3% Calm:0%



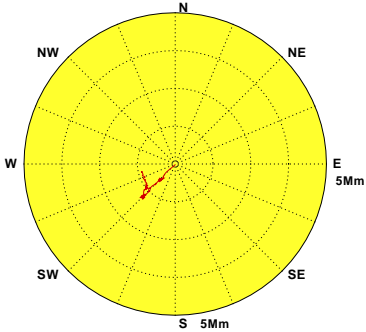
Wind of KLY0 at 2018/06 NO=531(74%)
 MEAN=3.5m/s MAX=10.2m/s(NNE)
 N-E:35% E-S:16% S-W:29% W-N:20% Calm:0%



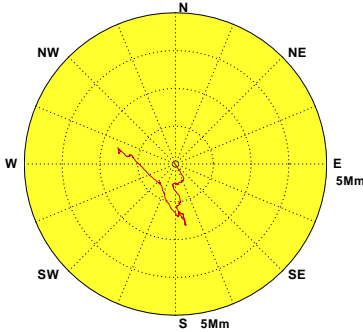
Wind of SAY0 at 2018/06 NO=719(100%)
 MEAN=3.4m/s MAX=10.9m/s(S)
 N-E:27% E-S:23% S-W:13% W-N:35% Calm:2%



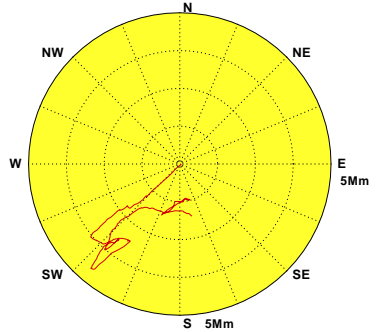
Wind of HLY0 at 2018/06 NO=557(77%)
 MEAN=3.0m/s MAX=10.0m/s(NE)
 N-E:35% E-S:16% S-W:38% W-N:11% Calm:0%



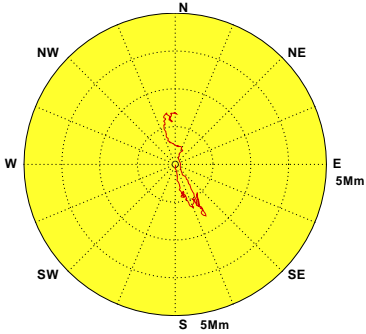
Wind of LTW0 at 2018/06 NO=678(94%)
 MEAN=3.3m/s MAX=10.7m/s(SE)
 N-E:21% E-S:45% S-W:3% W-N:31% Calm:0%



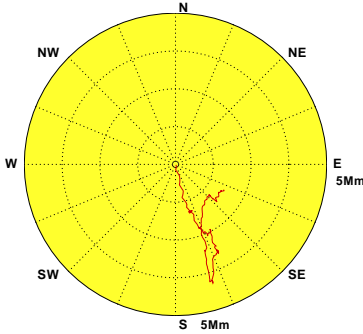
Wind of PNZ0 at 2018/06 NO=720(100%)
 MEAN=5.9m/s MAX=13.9m/s(NE)
 N-E:43% E-S:5% S-W:33% W-N:19% Calm:0%



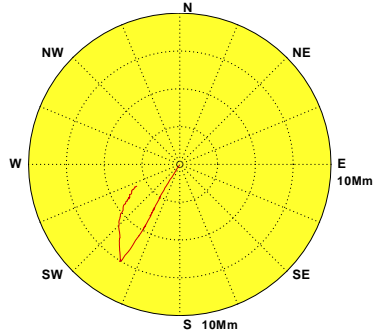
Wind of KHZ0 at 2018/06 NO=711(99%)
 MEAN=4.0m/s MAX=12.9m/s(S)
 N-E:13% E-S:33% S-W:22% W-N:31% Calm:1%



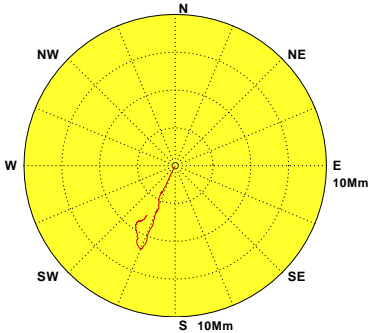
Wind of CNB0 at 2018/06 NO=715(99%)
 MEAN=4.0m/s MAX=12.4m/s(NNW)
 N-E:17% E-S:25% S-W:27% W-N:31% Calm:0%



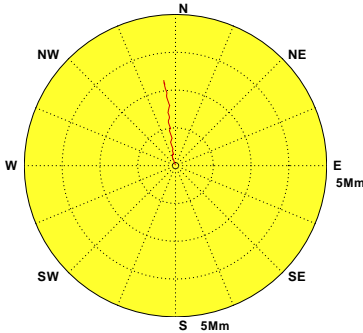
Wind of TCIO at 2018/06 NO=690(96%)
 MEAN=5.6m/s MAX=18.8m/s(NNE)
 N-E:44% E-S:16% S-W:32% W-N:7% Calm:1%



Wind of PHW0 at 2018/06 NO=680(94%)
 MEAN=4.0m/s MAX=11.5m/s(N)
 N-E:42% E-S:24% S-W:20% W-N:14% Calm:0%



Wind of KMW0 at 2018/06 NO=201(28%)
 MEAN=4.2m/s MAX=10.3m/s(SSE)
 N-E:1% E-S:59% S-W:37% W-N:3% Calm:0%



Wind of MSW0 at 2018/06 NO=482(67%)
 MEAN=3.5m/s MAX=8.7m/s(NNW)
 N-E:8% E-S:37% S-W:6% W-N:49% Calm:0%

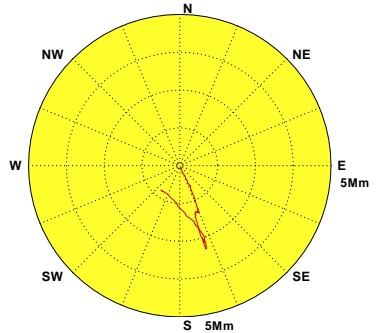


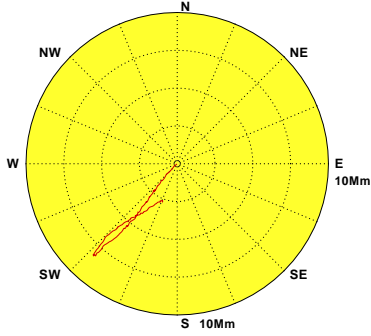
圖9.7a 2018年6月12海域主要測站2修補前觀測風向量行進圖

W186TPY0.1H0 W186KLY0.1H0 W186SAY0.1H0 W186HLY0.1H0 W186LTW0.1H0 W186PNZ0.1H0
 W186KHZ0.1H0 W186CNB0.1H0 W186TCIO.1H0 W186PHW0.1H0 W186KMW0.1H0 W186MSW0.1H0

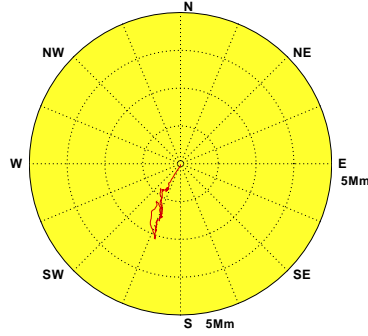
Institute of Harbor & Marine Technology

Progressive Vector Diagram of Wind

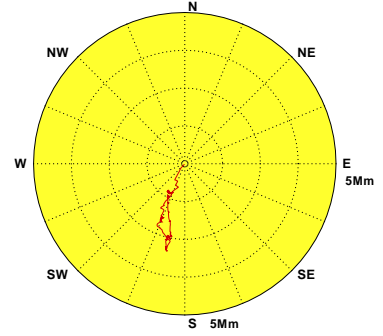
Wind of TPY0 at 2018/06 NO=720(100%)
 MEAN=6.1m/s MAX=13.6m/s(NE)
 N-E:47% E-S:12% S-W:37% W-N:4% Calm:0%



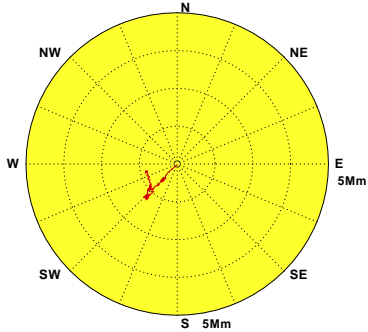
Wind of KLY0 at 2018/06 NO=720(100%)
 MEAN=2.9m/s MAX=10.2m/s(NNE)
 N-E:30% E-S:17% S-W:34% W-N:18% Calm:1%



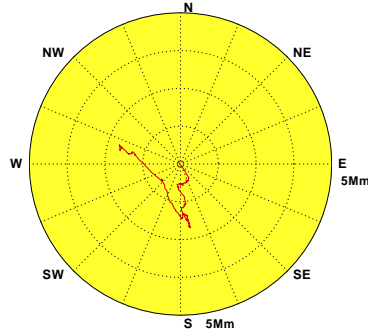
Wind of SAY0 at 2018/06 NO=720(100%)
 MEAN=3.4m/s MAX=10.9m/s(S)
 N-E:27% E-S:23% S-W:13% W-N:35% Calm:2%



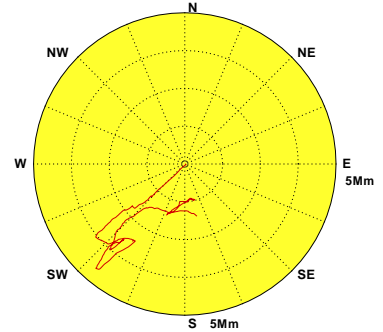
Wind of HLY0 at 2018/06 NO=720(100%)
 MEAN=2.5m/s MAX=10.0m/s(NE)
 N-E:34% E-S:15% S-W:36% W-N:13% Calm:2%



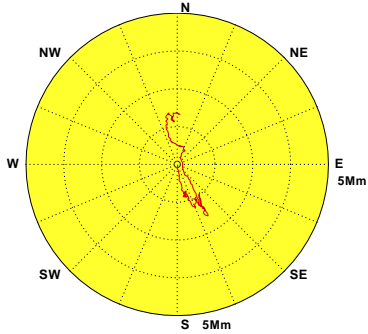
Wind of LTW0 at 2018/06 NO=720(100%)
 MEAN=3.3m/s MAX=10.7m/s(SE)
 N-E:21% E-S:45% S-W:3% W-N:31% Calm:0%



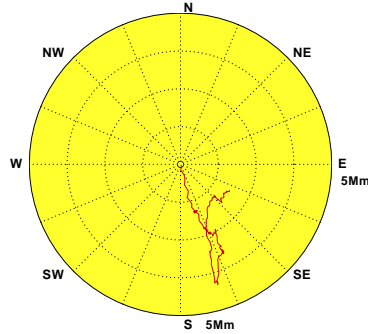
Wind of PNZ0 at 2018/06 NO=720(100%)
 MEAN=5.9m/s MAX=13.9m/s(NE)
 N-E:43% E-S:5% S-W:33% W-N:19% Calm:0%



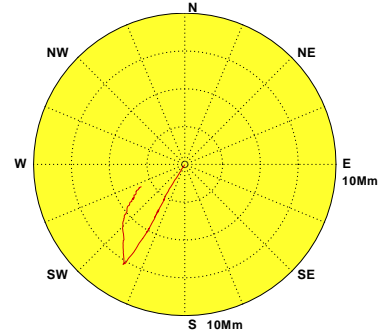
Wind of KHZ0 at 2018/06 NO=720(100%)
 MEAN=3.9m/s MAX=12.9m/s(S)
 N-E:13% E-S:33% S-W:22% W-N:31% Calm:1%



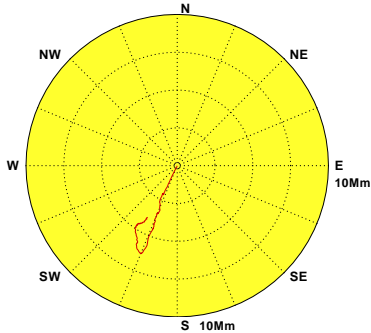
Wind of CNB0 at 2018/06 NO=720(100%)
 MEAN=4.0m/s MAX=12.4m/s(NNW)
 N-E:17% E-S:25% S-W:27% W-N:31% Calm:0%



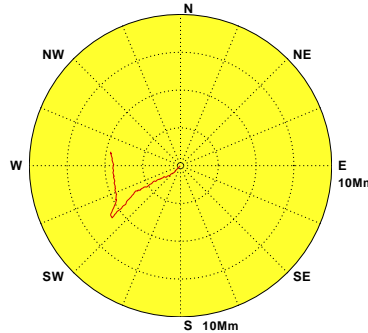
Wind of TCIO at 2018/06 NO=720(100%)
 MEAN=5.6m/s MAX=18.8m/s(NNE)
 N-E:44% E-S:16% S-W:32% W-N:7% Calm:1%



Wind of PHW0 at 2018/06 NO=720(100%)
 MEAN=4.0m/s MAX=11.5m/s(N)
 N-E:42% E-S:24% S-W:21% W-N:13% Calm:0%



Wind of KMW0 at 2018/06 NO=720(100%)
 MEAN=4.2m/s MAX=10.3m/s(SSE)
 N-E:54% E-S:24% S-W:21% W-N:1% Calm:0%



Wind of MSW0 at 2018/06 NO=720(100%)
 MEAN=3.6m/s MAX=8.7m/s(NNW)
 N-E:26% E-S:28% S-W:13% W-N:33% Calm:0%

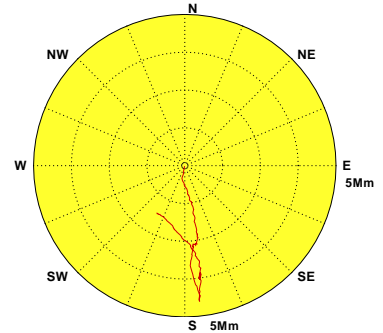


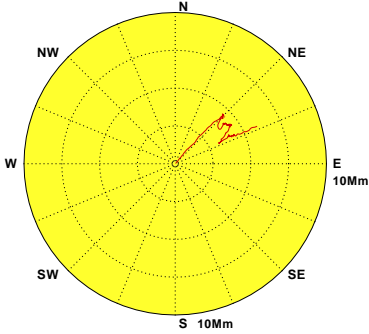
圖9.7b 2018年6月12海域主要測站2修補後觀測風向量行進圖

W186TPY0.1HA W186KLY0.1HA W186SAY0.1HA W186HLY0.1HA W186LTW0.1HA W186PNZ0.1HA
 W186KHZ0.1HA W186CNB0.1HA W186TCIO.1HA W186PHW0.1HA W186KMW0.1HA W186MSW0.1HA

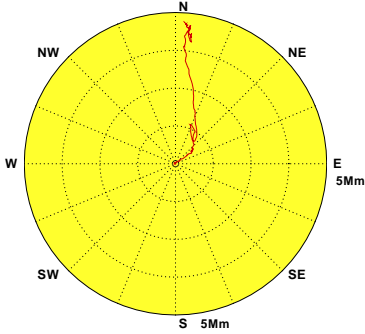
Institute of Harbor & Marine Technology

Progressive Vector Diagram of Wind

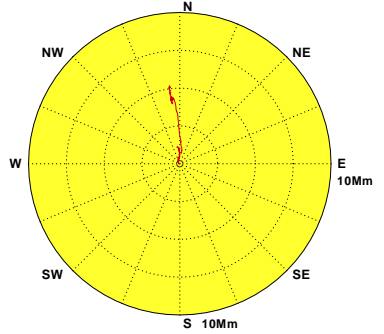
Wind of TPY0 at 2018/07 NO=672(90%)
 MEAN=5.6m/s MAX=13.6m/s(NW)
 N-E:18% E-S:14% S-W:48% W-N:20% Calm:0%



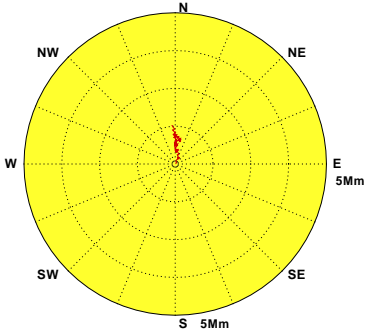
Wind of KLY0 at 2018/07 NO=583(78%)
 MEAN=4.2m/s MAX=13.1m/s(SSW)
 N-E:12% E-S:35% S-W:41% W-N:12% Calm:0%



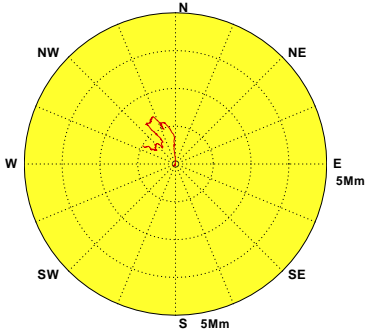
Wind of SAY0 at 2018/07 NO=743(100%)
 MEAN=3.5m/s MAX=12.0m/s(S)
 N-E:9% E-S:48% S-W:14% W-N:28% Calm:1%



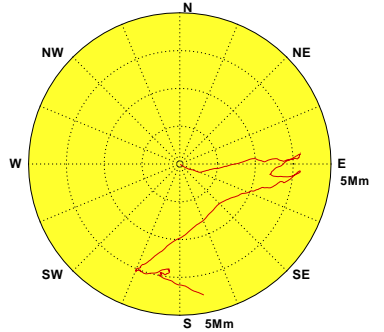
Wind of HLY0 at 2018/07 NO=592(80%)
 MEAN=2.5m/s MAX=8.0m/s(NE)
 N-E:19% E-S:28% S-W:39% W-N:14% Calm:0%



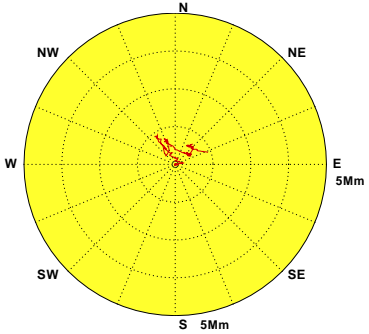
Wind of LTW0 at 2018/07 NO=688(92%)
 MEAN=2.5m/s MAX=10.3m/s(SE)
 N-E:26% E-S:40% S-W:8% W-N:26% Calm:0%



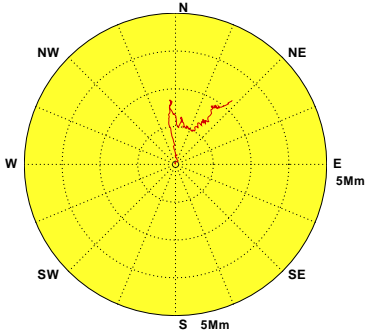
Wind of PNZ0 at 2018/07 NO=744(100%)
 MEAN=6.4m/s MAX=14.9m/s(NE)
 N-E:42% E-S:5% S-W:23% W-N:30% Calm:0%



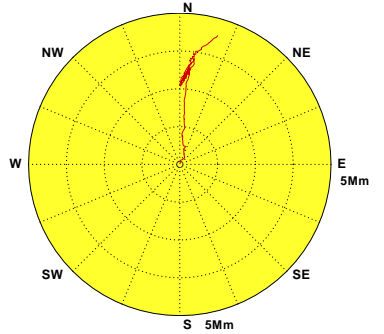
Wind of KHZ0 at 2018/07 NO=738(99%)
 MEAN=3.2m/s MAX=8.7m/s(N)
 N-E:15% E-S:28% S-W:23% W-N:34% Calm:0%



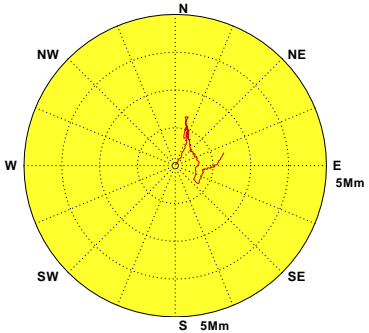
Wind of CNB0 at 2018/07 NO=738(99%)
 MEAN=3.2m/s MAX=10.0m/s(N)
 N-E:8% E-S:32% S-W:35% W-N:25% Calm:0%



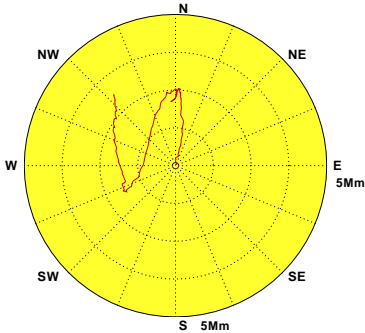
Wind of TCIO at 2018/07 NO=732(98%)
 MEAN=4.2m/s MAX=12.7m/s(SSW)
 N-E:23% E-S:23% S-W:41% W-N:13% Calm:0%



Wind of PHW0 at 2018/07 NO=692(93%)
 MEAN=3.0m/s MAX=9.5m/s(N)
 N-E:16% E-S:20% S-W:39% W-N:25% Calm:0%



Wind of KMW0 at 2018/07 NO=737(99%)
 MEAN=4.4m/s MAX=10.7m/s(NNE)
 N-E:33% E-S:33% S-W:30% W-N:4% Calm:0%



Wind of MSW0 at 2018/07 NO=675(91%)
 MEAN=3.4m/s MAX=16.9m/s(W)
 N-E:3% E-S:45% S-W:11% W-N:40% Calm:1%

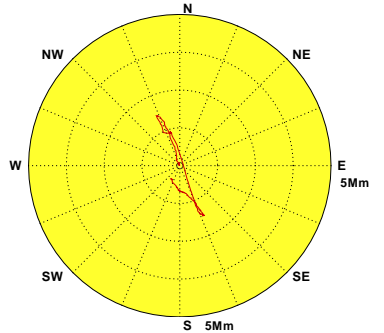


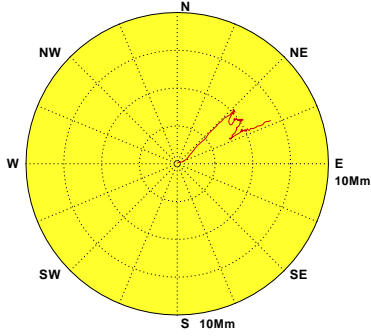
圖9.8a 2018年7月12海域主要測站2修補前觀測風向量行進圖

W187TPY0.1H0 W187KLY0.1H0 W187SAY0.1H0 W187HLY0.1H0 W187LTW0.1H0 W187PNZ0.1H0
 W187KHZ0.1H0 W187CNB0.1H0 W187TCIO.1H0 W187PHW0.1H0 W187KMW0.1H0 W187MSW0.1H0

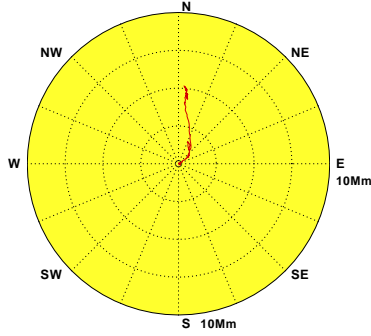
Institute of Harbor & Marine Technology

Progressive Vector Diagram of Wind

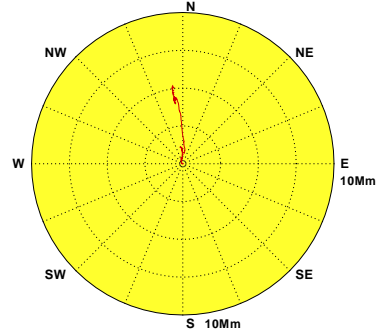
Wind of TPY0 at 2018/07 NO=744(100%)
MEAN=5.5m/s MAX=13.6m/s(NW)
N-E:17% E-S:13% S-W:50% W-N:20% Calm:0%



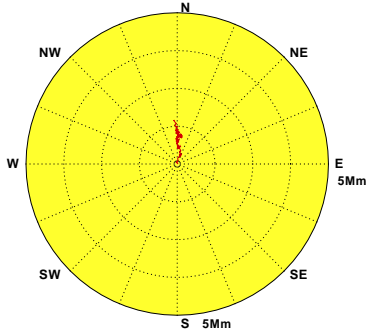
Wind of KLY0 at 2018/07 NO=744(100%)
MEAN=3.7m/s MAX=13.1m/s(SSW)
N-E:11% E-S:37% S-W:41% W-N:11% Calm:0%



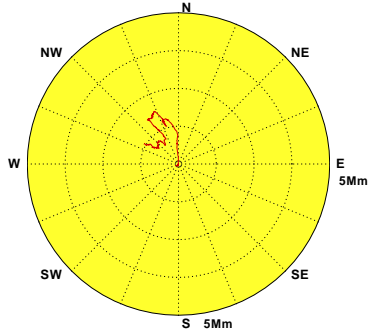
Wind of SAY0 at 2018/07 NO=744(100%)
MEAN=3.5m/s MAX=12.0m/s(S)
N-E:9% E-S:48% S-W:14% W-N:28% Calm:1%



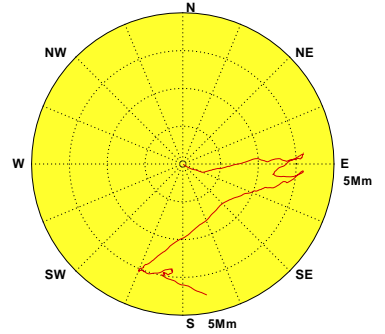
Wind of HLY0 at 2018/07 NO=744(100%)
MEAN=2.3m/s MAX=8.0m/s(NE)
N-E:18% E-S:27% S-W:40% W-N:14% Calm:1%



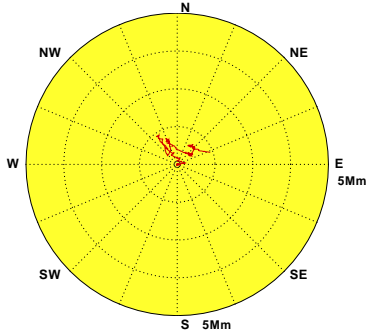
Wind of LTW0 at 2018/07 NO=744(100%)
MEAN=2.5m/s MAX=10.3m/s(SE)
N-E:26% E-S:40% S-W:8% W-N:26% Calm:0%



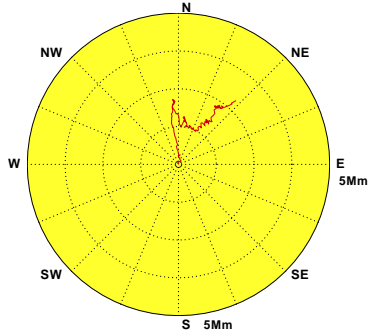
Wind of PNZ0 at 2018/07 NO=744(100%)
MEAN=6.4m/s MAX=14.9m/s(NE)
N-E:42% E-S:5% S-W:23% W-N:30% Calm:0%



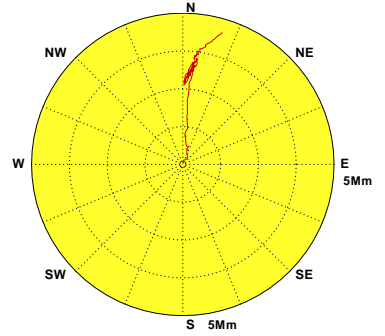
Wind of KHZ0 at 2018/07 NO=744(100%)
MEAN=3.2m/s MAX=8.7m/s(N)
N-E:15% E-S:28% S-W:23% W-N:33% Calm:1%



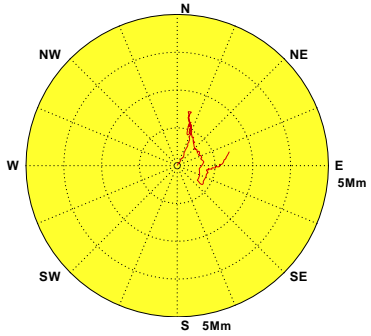
Wind of CNB0 at 2018/07 NO=744(100%)
MEAN=3.2m/s MAX=10.0m/s(N)
N-E:8% E-S:32% S-W:35% W-N:25% Calm:0%



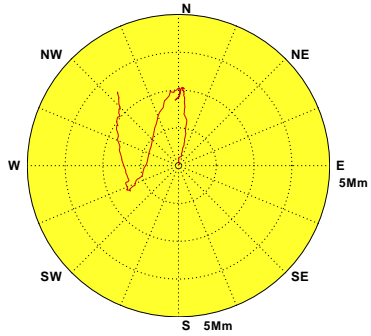
Wind of TCIO at 2018/07 NO=744(100%)
MEAN=4.3m/s MAX=12.7m/s(SSW)
N-E:23% E-S:23% S-W:41% W-N:13% Calm:0%



Wind of PHW0 at 2018/07 NO=744(100%)
MEAN=3.0m/s MAX=9.5m/s(N)
N-E:16% E-S:19% S-W:40% W-N:25% Calm:0%



Wind of KMW0 at 2018/07 NO=744(100%)
MEAN=4.4m/s MAX=10.7m/s(NNE)
N-E:32% E-S:34% S-W:30% W-N:4% Calm:0%



Wind of MSW0 at 2018/07 NO=744(100%)
MEAN=3.4m/s MAX=22.1m/s(S)
N-E:7% E-S:43% S-W:11% W-N:38% Calm:1%

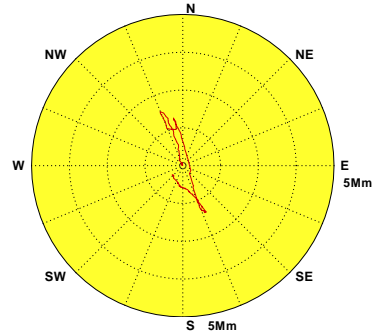


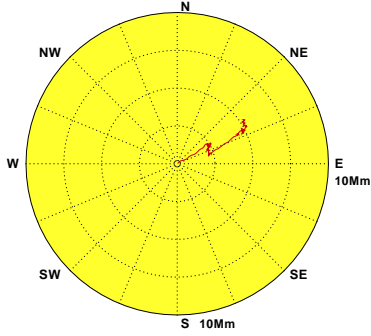
圖9.8b 2018年7月12海域主要測站2修補後觀測風向量行進圖

W187TPY0.1HA W187KLY0.1HA W187SAY0.1HA W187HLY0.1HA W187LTW0.1HA W187PNZ0.1HA
W187KHZ0.1HA W187CNB0.1HA W187TCIO.1HA W187PHW0.1HA W187KMW0.1HA W187MSW0.1HA

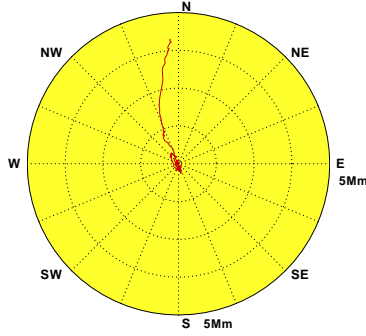
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Progressive Vector Diagram of Wind

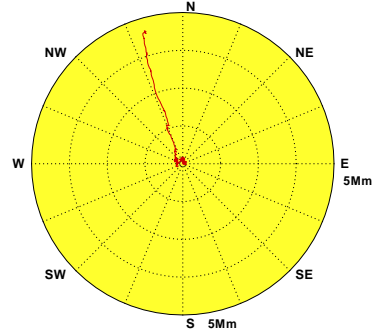
Wind of TPY0 at 2018/08 NO=691(93%)
 MEAN=4.8m/s MAX=11.5m/s(SW)
 N-E:17% E-S:19% S-W:50% W-N:14% Calm:0%



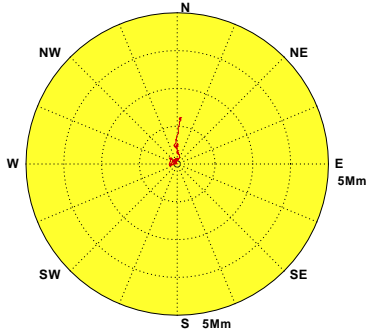
Wind of KLY0 at 2018/08 NO=597(80%)
 MEAN=3.9m/s MAX=12.0m/s(SSW)
 N-E:13% E-S:33% S-W:39% W-N:15% Calm:0%



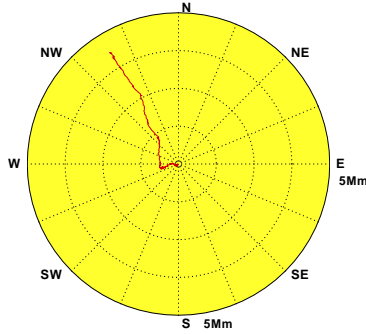
Wind of SAY0 at 2018/08 NO=732(98%)
 MEAN=3.4m/s MAX=13.4m/s(SSE)
 N-E:14% E-S:42% S-W:12% W-N:32% Calm:0%



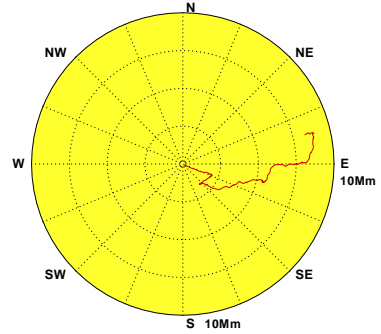
Wind of HLY0 at 2018/08 NO=629(85%)
 MEAN=2.6m/s MAX=7.2m/s(S)
 N-E:22% E-S:21% S-W:47% W-N:10% Calm:0%



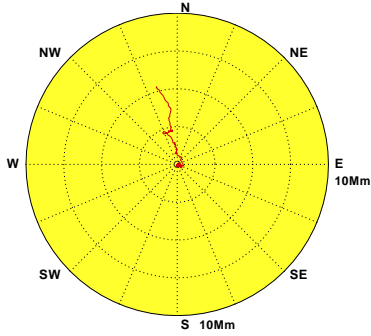
Wind of LTW0 at 2018/08 NO=703(94%)
 MEAN=2.6m/s MAX=9.6m/s(SE)
 N-E:16% E-S:58% S-W:14% W-N:12% Calm:0%



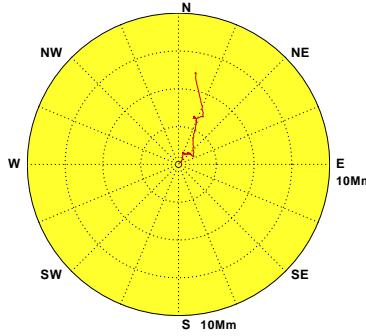
Wind of PNZ0 at 2018/08 NO=743(100%)
 MEAN=5.7m/s MAX=18.1m/s(WSW)
 N-E:18% E-S:6% S-W:37% W-N:39% Calm:0%



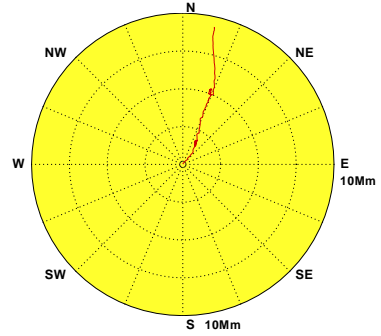
Wind of KHZ0 at 2018/08 NO=738(99%)
 MEAN=4.2m/s MAX=14.5m/s(W)
 N-E:14% E-S:46% S-W:26% W-N:14% Calm:0%



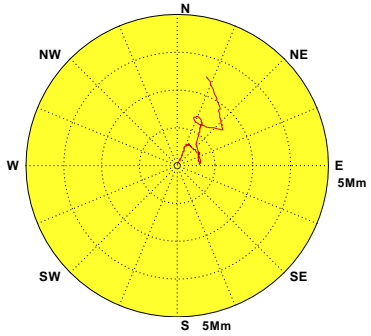
Wind of CNB0 at 2018/08 NO=728(98%)
 MEAN=3.8m/s MAX=12.0m/s(WNW)
 N-E:6% E-S:44% S-W:34% W-N:16% Calm:0%



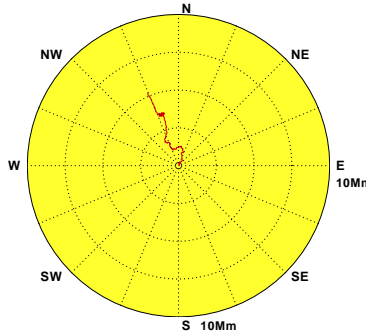
Wind of TC10 at 2018/08 NO=725(97%)
 MEAN=5.0m/s MAX=15.0m/s(S)
 N-E:14% E-S:28% S-W:47% W-N:10% Calm:1%



Wind of PHW0 at 2018/08 NO=698(94%)
 MEAN=3.0m/s MAX=12.5m/s(WNW)
 N-E:7% E-S:41% S-W:34% W-N:18% Calm:0%



Wind of KMW0 at 2018/08 NO=727(98%)
 MEAN=3.6m/s MAX=12.4m/s(WSW)
 N-E:23% E-S:47% S-W:26% W-N:4% Calm:0%



Wind of MSW0 at 2018/08 NO=702(94%)
 MEAN=2.6m/s MAX=8.1m/s(NNW)
 N-E:12% E-S:44% S-W:10% W-N:33% Calm:1%

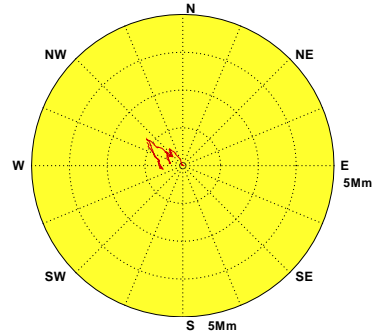


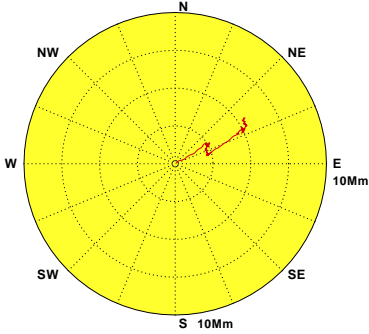
圖9.9a 2018年8月12海域主要測站2修補前觀測風向量行進圖

W188TPY0.1H0 W188KLY0.1H0 W188SAY0.1H0 W188HLY0.1H0 W188LTW0.1H0 W188PNZ0.1H0
 W188KHZ0.1H0 W188CNB0.1H0 W188TC10.1H0 W188PHW0.1H0 W188KMW0.1H0 W188MSW0.1H0

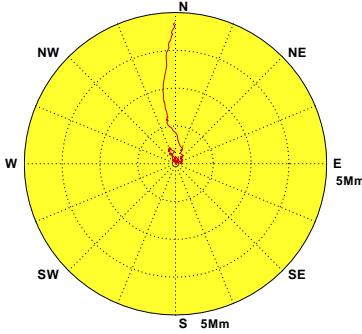
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Progressive Vector Diagram of Wind

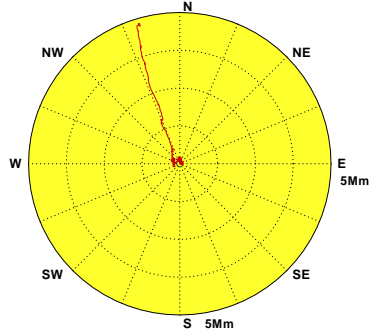
Wind of TPY0 at 2018/08 NO=744(100%)
 MEAN=4.7m/s MAX=11.5m/s(SW)
 N-E:17% E-S:18% S-W:51% W-N:14% Calm:0%



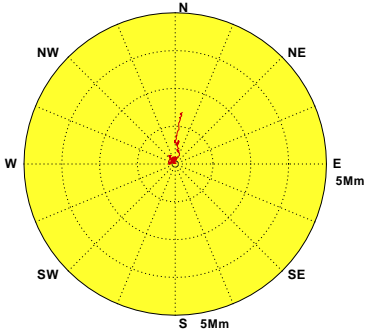
Wind of KLY0 at 2018/08 NO=744(100%)
 MEAN=3.5m/s MAX=12.0m/s(SSW)
 N-E:11% E-S:29% S-W:45% W-N:14% Calm:1%



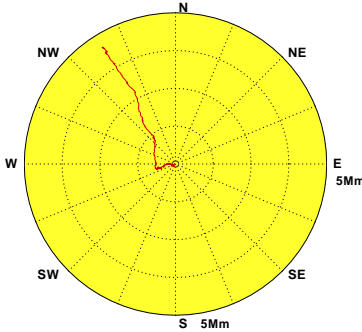
Wind of SAY0 at 2018/08 NO=744(100%)
 MEAN=3.5m/s MAX=13.4m/s(SSE)
 N-E:14% E-S:43% S-W:12% W-N:31% Calm:0%



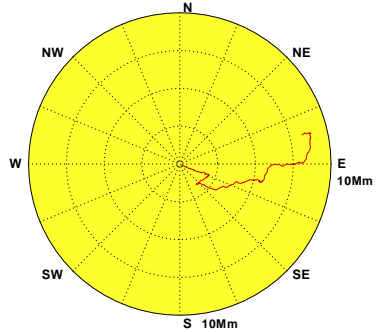
Wind of HLY0 at 2018/08 NO=744(100%)
 MEAN=2.4m/s MAX=7.2m/s(S)
 N-E:20% E-S:21% S-W:48% W-N:11% Calm:0%



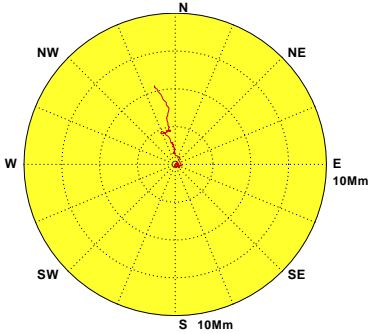
Wind of LTW0 at 2018/08 NO=744(100%)
 MEAN=2.6m/s MAX=9.6m/s(SE)
 N-E:16% E-S:58% S-W:14% W-N:12% Calm:0%



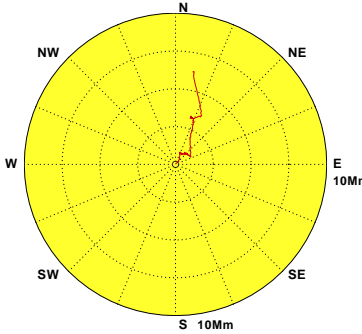
Wind of PNZ0 at 2018/08 NO=744(100%)
 MEAN=5.7m/s MAX=18.1m/s(WSW)
 N-E:18% E-S:6% S-W:37% W-N:39% Calm:0%



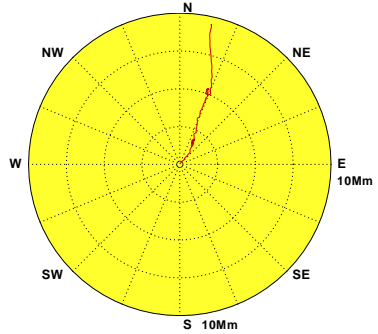
Wind of KHZ0 at 2018/08 NO=744(100%)
 MEAN=4.2m/s MAX=14.5m/s(W)
 N-E:13% E-S:47% S-W:26% W-N:14% Calm:0%



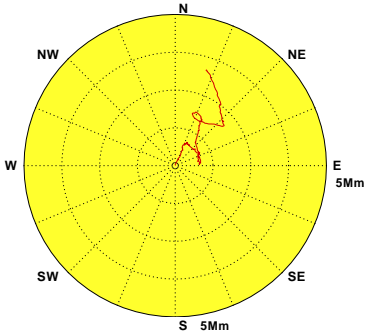
Wind of CNB0 at 2018/08 NO=744(100%)
 MEAN=3.8m/s MAX=12.0m/s(WNW)
 N-E:6% E-S:44% S-W:35% W-N:15% Calm:0%



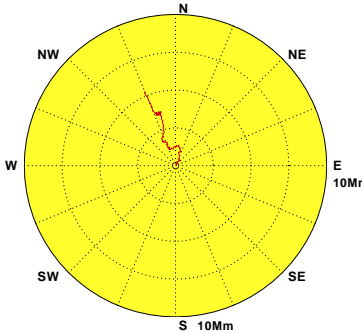
Wind of TCIO at 2018/08 NO=744(100%)
 MEAN=5.0m/s MAX=15.0m/s(S)
 N-E:14% E-S:29% S-W:46% W-N:10% Calm:1%



Wind of PHW0 at 2018/08 NO=744(100%)
 MEAN=3.0m/s MAX=12.5m/s(WNW)
 N-E:7% E-S:41% S-W:34% W-N:18% Calm:0%



Wind of KMW0 at 2018/08 NO=744(100%)
 MEAN=3.5m/s MAX=12.4m/s(WSW)
 N-E:23% E-S:47% S-W:26% W-N:4% Calm:0%



Wind of MSW0 at 2018/08 NO=744(100%)
 MEAN=2.6m/s MAX=8.1m/s(NNW)
 N-E:12% E-S:43% S-W:12% W-N:32% Calm:1%

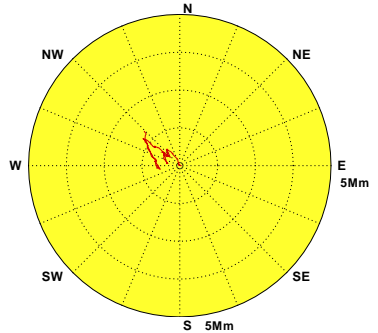


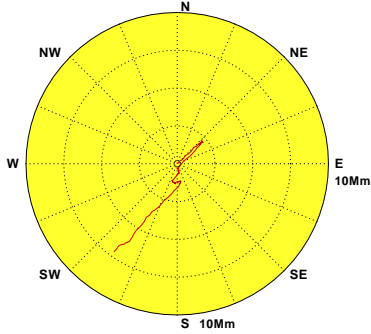
圖9.9b 2018年 8月12海域主要測站2修補後觀測風向量行進圖

W188TPY0.1HA W188KLY0.1HA W188SAY0.1HA W188HLY0.1HA W188LTW0.1HA W188PNZ0.1HA
 W188KHZ0.1HA W188CNB0.1HA W188TCIO.1HA W188PHW0.1HA W188KMW0.1HA W188MSW0.1HA

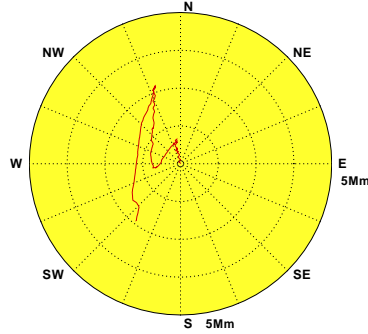
Institute of Harbor & Marine Technology

Progressive Vector Diagram of Wind

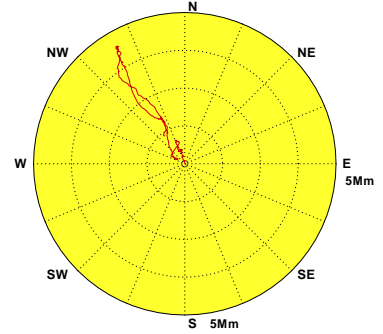
Wind of TPY0 at 2018/09 NO=627(87%)
 MEAN=6.3m/s MAX=16.9m/s(NE)
 N-E:47% E-S:10% S-W:28% W-N:15% Calm:0%



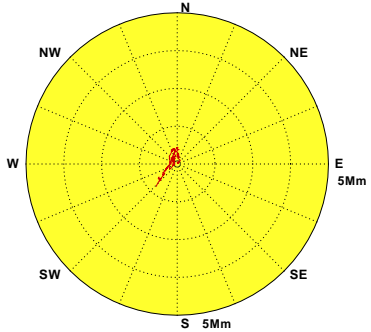
Wind of KLY0 at 2018/09 NO=580(81%)
 MEAN=5.1m/s MAX=13.1m/s(NE)
 N-E:36% E-S:23% S-W:32% W-N:9% Calm:0%



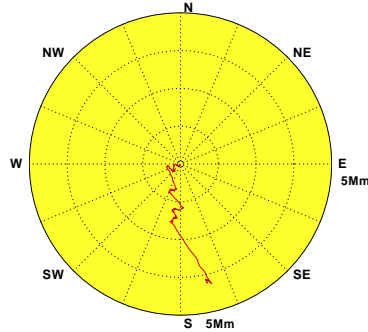
Wind of SAY0 at 2018/09 NO=719(100%)
 MEAN=4.6m/s MAX=14.8m/s(SE)
 N-E:14% E-S:39% S-W:11% W-N:36% Calm:0%



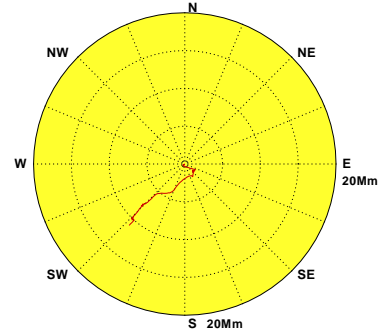
Wind of HLY0 at 2018/09 NO=610(85%)
 MEAN=3.3m/s MAX=13.2m/s(NNE)
 N-E:27% E-S:20% S-W:42% W-N:11% Calm:0%



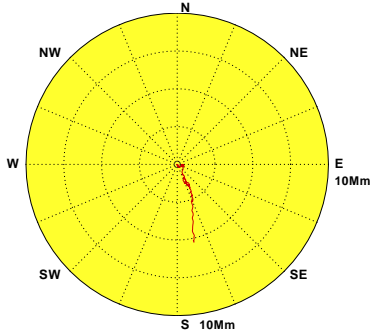
Wind of LTW0 at 2018/09 NO=678(94%)
 MEAN=3.1m/s MAX=11.8m/s(NNW)
 N-E:27% E-S:26% S-W:3% W-N:44% Calm:0%



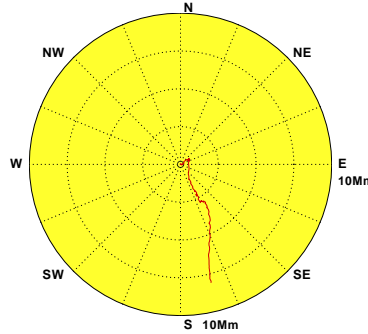
Wind of PNZ0 at 2018/09 NO=720(100%)
 MEAN=6.1m/s MAX=18.4m/s(ENE)
 N-E:67% E-S:8% S-W:2% W-N:23% Calm:0%



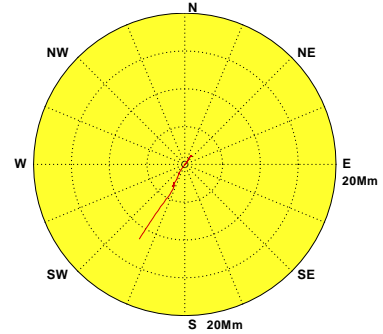
Wind of KHZ0 at 2018/09 NO=708(98%)
 MEAN=3.7m/s MAX=13.8m/s(N)
 N-E:29% E-S:12% S-W:13% W-N:45% Calm:1%



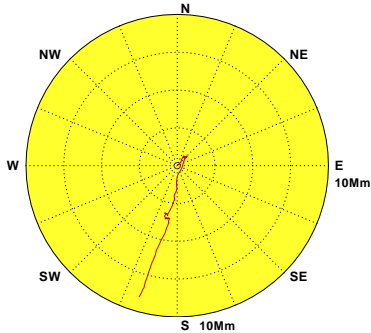
Wind of CNB0 at 2018/09 NO=711(99%)
 MEAN=4.4m/s MAX=13.4m/s(N)
 N-E:26% E-S:10% S-W:16% W-N:48% Calm:0%



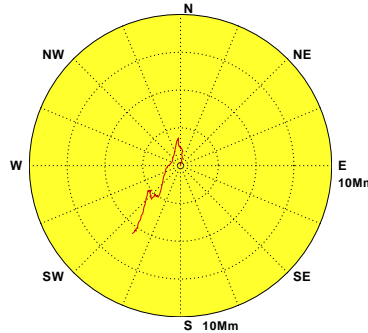
Wind of TC10 at 2018/09 NO=705(98%)
 MEAN=6.4m/s MAX=18.0m/s(NE)
 N-E:59% E-S:6% S-W:22% W-N:12% Calm:1%



Wind of PHW0 at 2018/09 NO=677(94%)
 MEAN=5.0m/s MAX=12.7m/s(N)
 N-E:55% E-S:8% S-W:20% W-N:17% Calm:0%



Wind of KMW0 at 2018/09 NO=706(98%)
 MEAN=4.5m/s MAX=17.2m/s(NNE)
 N-E:59% E-S:23% S-W:14% W-N:4% Calm:0%



Wind of MSW0 at 2018/09 NO=637(88%)
 MEAN=3.9m/s MAX=11.2m/s(NNW)
 N-E:8% E-S:17% S-W:4% W-N:70% Calm:1%

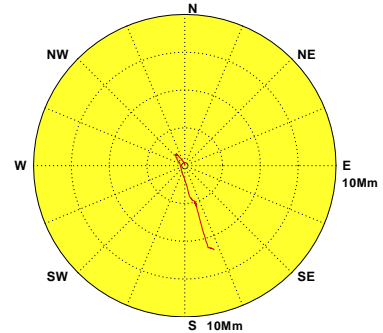


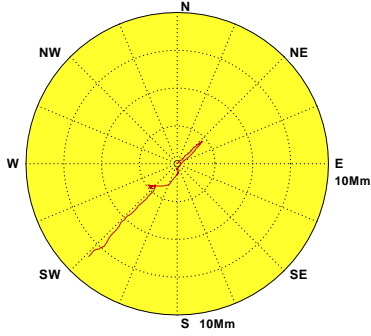
圖9.10a 2018年9月12海域主要測站2修補前觀測風向量行進圖

W189TPY0.1H0 W189KLY0.1H0 W189SAY0.1H0 W189HLY0.1H0 W189LTW0.1H0 W189PNZ0.1H0
 W189KHZ0.1H0 W189CNB0.1H0 W189TC10.1H0 W189PHW0.1H0 W189KMW0.1H0 W189MSW0.1H0

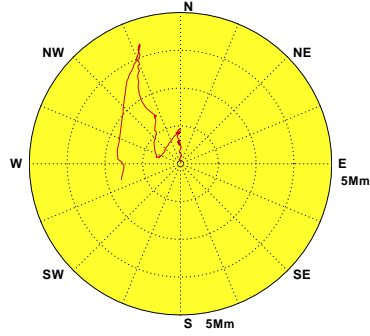
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Progressive Vector Diagram of Wind

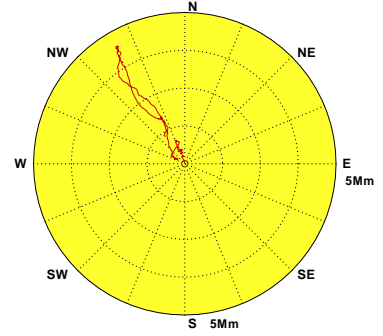
Wind of TPY0 at 2018/09 NO=720(100%)
 MEAN=6.2m/s MAX=16.9m/s(NE)
 N-E:45% E-S:15% S-W:25% W-N:14% Calm:1%



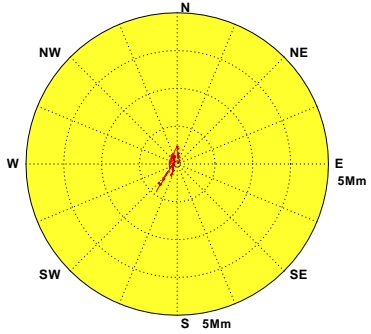
Wind of KLY0 at 2018/09 NO=720(100%)
 MEAN=4.8m/s MAX=13.1m/s(NE)
 N-E:30% E-S:28% S-W:33% W-N:9% Calm:0%



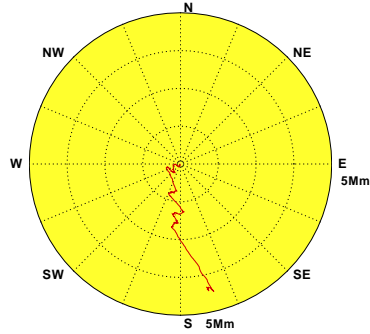
Wind of SAY0 at 2018/09 NO=720(100%)
 MEAN=4.6m/s MAX=14.8m/s(SE)
 N-E:14% E-S:38% S-W:11% W-N:37% Calm:0%



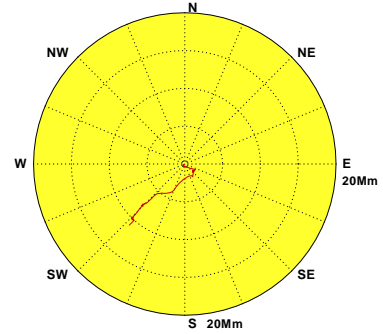
Wind of HLY0 at 2018/09 NO=720(100%)
 MEAN=3.1m/s MAX=13.2m/s(NNE)
 N-E:26% E-S:20% S-W:41% W-N:12% Calm:1%



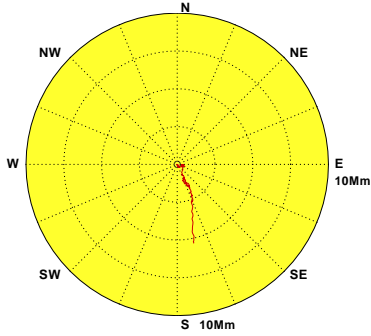
Wind of LTW0 at 2018/09 NO=720(100%)
 MEAN=3.1m/s MAX=11.8m/s(NNW)
 N-E:28% E-S:25% S-W:3% W-N:44% Calm:0%



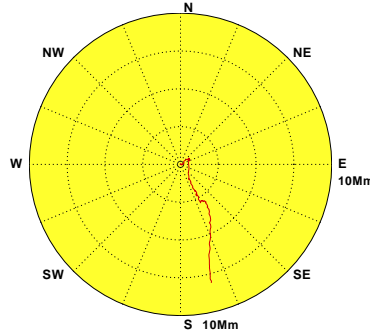
Wind of PNZ0 at 2018/09 NO=720(100%)
 MEAN=6.1m/s MAX=18.4m/s(ENE)
 N-E:67% E-S:8% S-W:2% W-N:23% Calm:0%



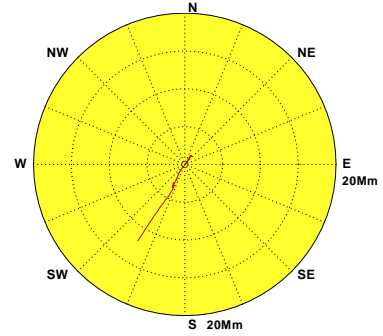
Wind of KHZ0 at 2018/09 NO=720(100%)
 MEAN=3.7m/s MAX=13.8m/s(N)
 N-E:30% E-S:12% S-W:13% W-N:44% Calm:1%



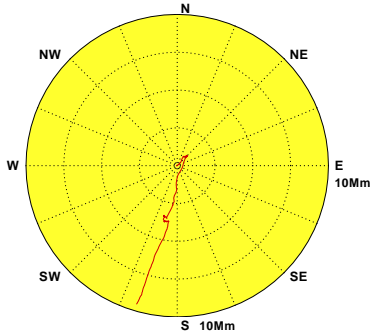
Wind of CNB0 at 2018/09 NO=720(100%)
 MEAN=4.4m/s MAX=13.4m/s(N)
 N-E:26% E-S:9% S-W:17% W-N:48% Calm:0%



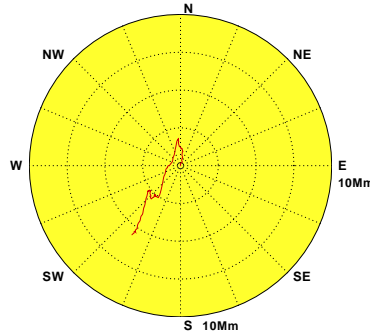
Wind of TCIO at 2018/09 NO=720(100%)
 MEAN=6.4m/s MAX=18.0m/s(NE)
 N-E:59% E-S:6% S-W:22% W-N:12% Calm:1%



Wind of PHW0 at 2018/09 NO=720(100%)
 MEAN=5.0m/s MAX=12.7m/s(N)
 N-E:55% E-S:8% S-W:20% W-N:17% Calm:0%



Wind of KMW0 at 2018/09 NO=720(100%)
 MEAN=4.5m/s MAX=17.2m/s(NNE)
 N-E:59% E-S:23% S-W:14% W-N:4% Calm:0%



Wind of MSW0 at 2018/09 NO=720(100%)
 MEAN=4.2m/s MAX=11.2m/s(NNW)
 N-E:16% E-S:16% S-W:5% W-N:62% Calm:1%

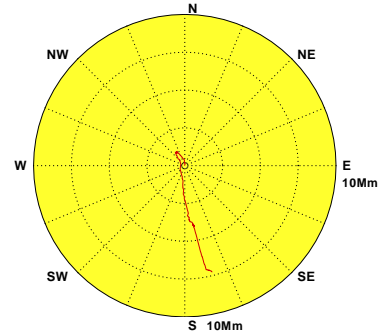


圖9.10b 2018年9月12海域主要測站2修補後觀測風向量行進圖

W189TPY0.1HA W189KLY0.1HA W189SAY0.1HA W189HLY0.1HA W189LTW0.1HA W189PNZ0.1HA
 W189KHZ0.1HA W189CNB0.1HA W189TCIO.1HA W189PHW0.1HA W189KMW0.1HA W189MSW0.1HA

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Progressive Vector Diagram of Wind

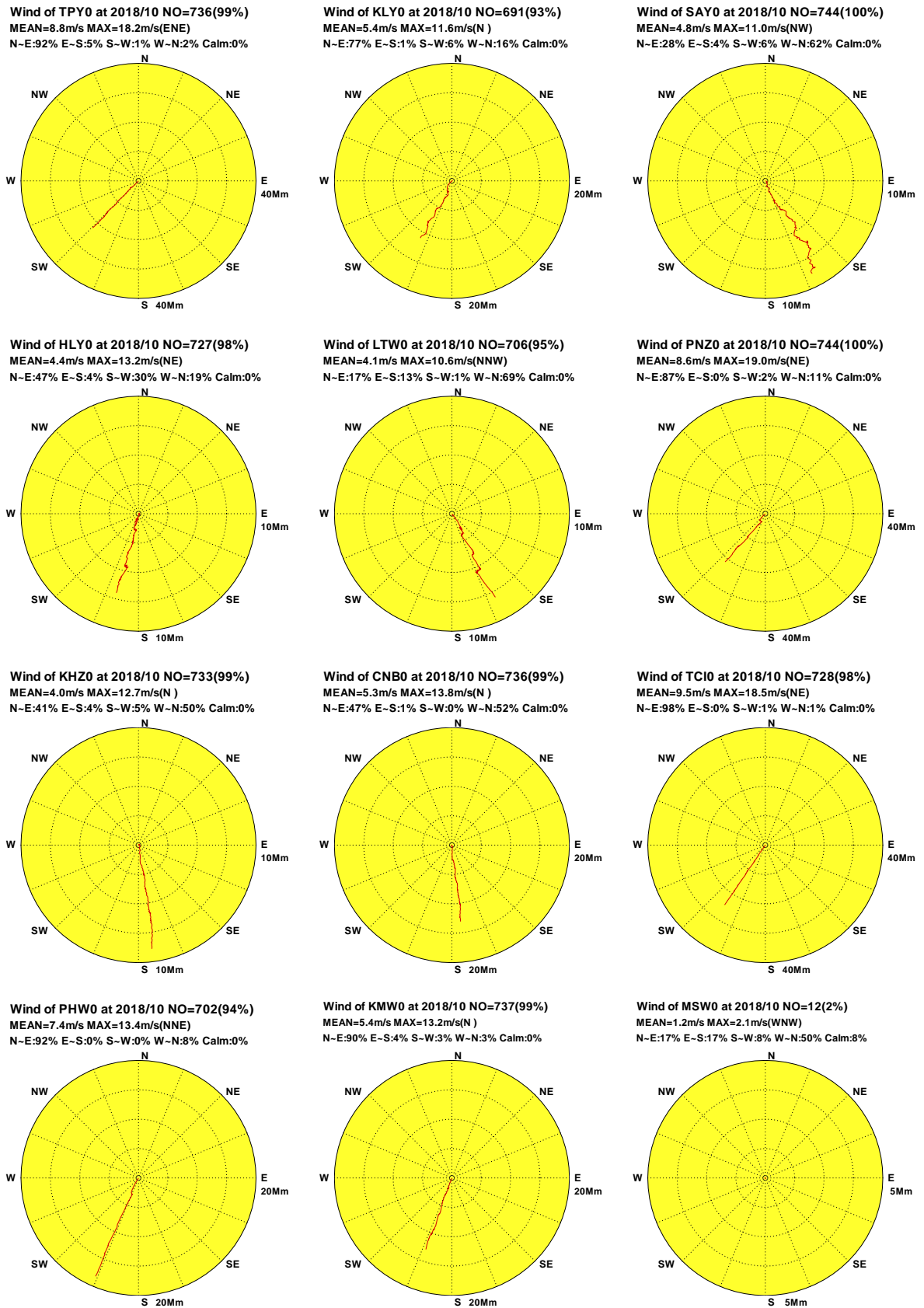


圖9.11a 2018年10月12海域主要測站2修補前觀測風向量行進圖

W18ATPY0.1H0 W18AKLY0.1H0 W18ASAY0.1H0 W18AHL0.1H0 W18ALTW0.1H0 W18APNZ0.1H0
W18AKHZ0.1H0 W18ACNB0.1H0 W18ATCIO.1H0 W18APHW0.1H0 W18AKMW0.1H0 W18AMSW0.1H0

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Progressive Vector Diagram of Wind

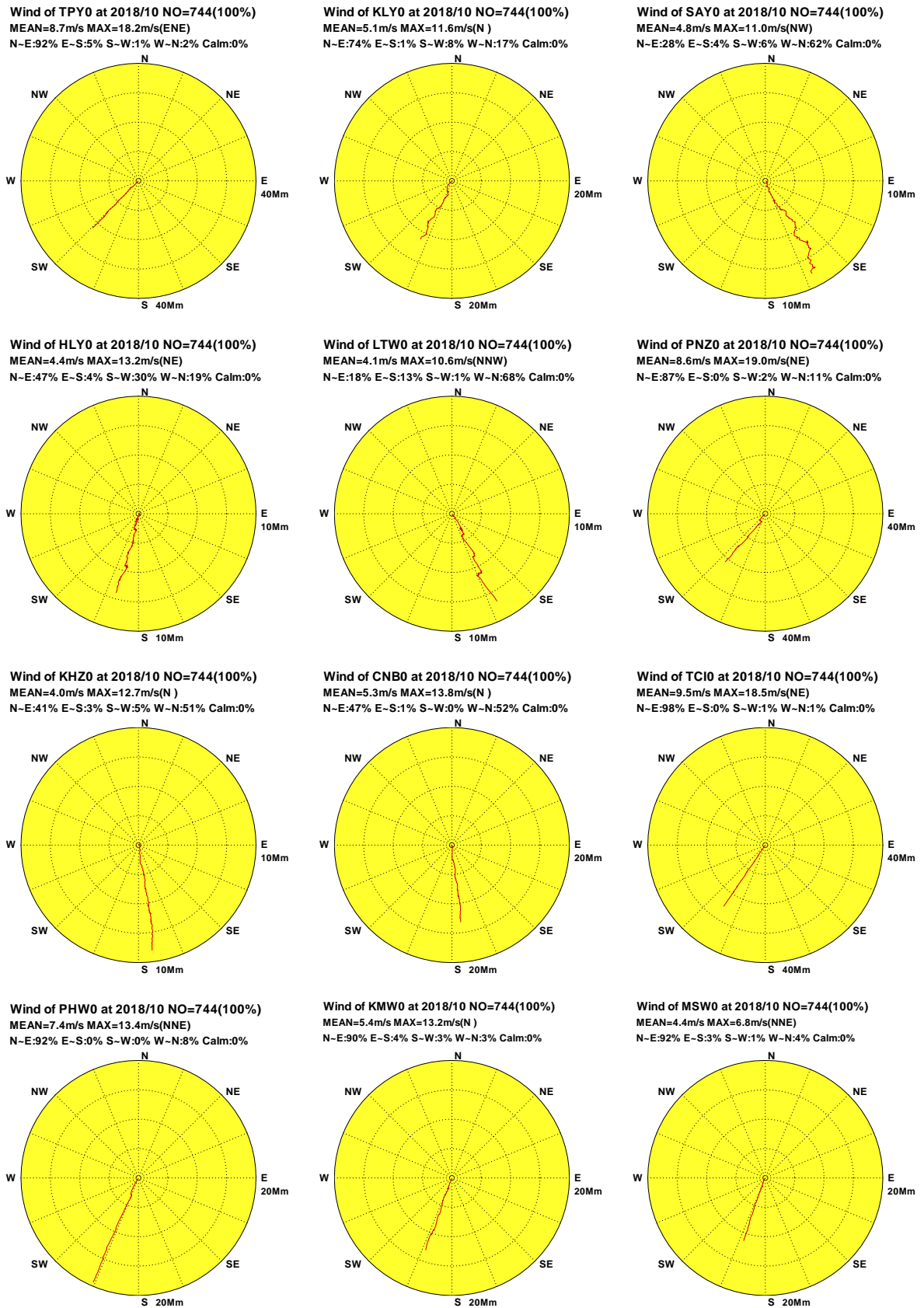


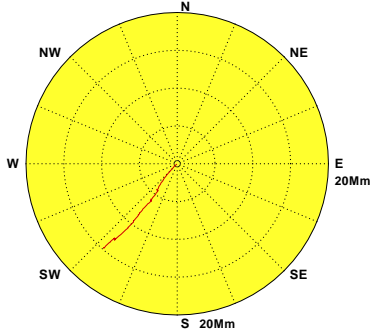
圖9.11b 2018年10月12海域主要測站2修補後觀測風向量行進圖

W18ATPY0.1HA W18AKLY0.1HA W18ASAY0.1HA W18AHLY0.1HA W18ALTW0.1HA W18APNZ0.1HA
W18AKHZ0.1HA W18ACNB0.1HA W18ATCI0.1HA W18APHW0.1HA W18AKMW0.1HA W18AMSW0.1HA

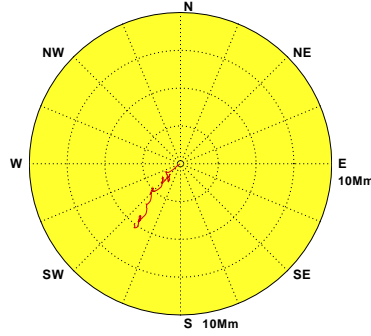
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Progressive Vector Diagram of Wind

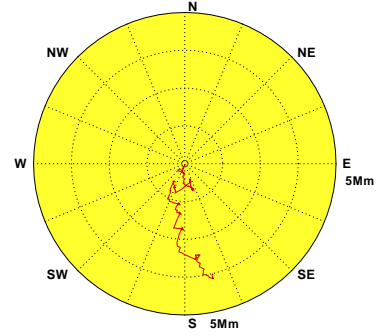
Wind of TPY0 at 2018/11 NO=651(90%)
 MEAN=7.0m/s MAX=17.7m/s(NE)
 N-E:80% E-S:9% S-W:5% W-N:6% Calm:0%



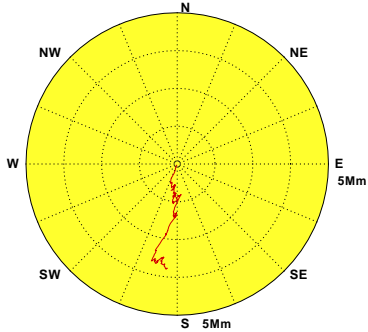
Wind of KLY0 at 2018/11 NO=637(88%)
 MEAN=4.5m/s MAX=10.7m/s(NE)
 N-E:49% E-S:12% S-W:23% W-N:16% Calm:0%



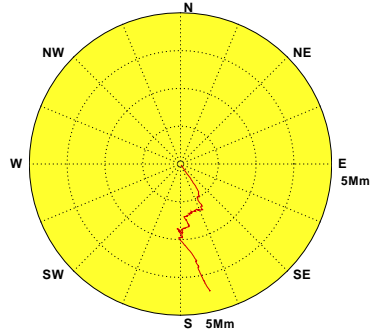
Wind of SAY0 at 2018/11 NO=720(100%)
 MEAN=4.0m/s MAX=11.6m/s(NNE)
 N-E:26% E-S:15% S-W:10% W-N:49% Calm:0%



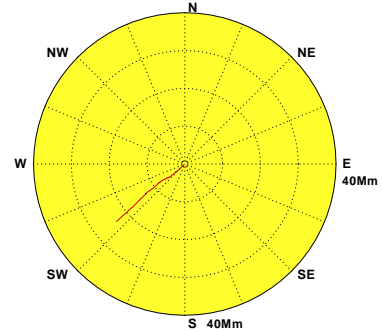
Wind of HLY0 at 2018/11 NO=633(88%)
 MEAN=3.7m/s MAX=13.0m/s(NE)
 N-E:36% E-S:6% S-W:39% W-N:19% Calm:0%



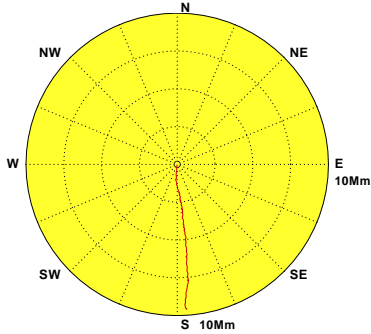
Wind of LTW0 at 2018/11 NO=682(95%)
 MEAN=2.9m/s MAX=10.6m/s(NW)
 N-E:29% E-S:16% S-W:1% W-N:54% Calm:0%



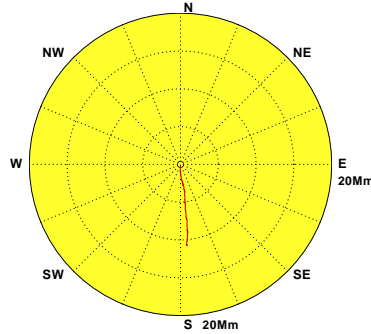
Wind of PNZ0 at 2018/11 NO=720(100%)
 MEAN=9.3m/s MAX=20.9m/s(NE)
 N-E:97% E-S:1% S-W:0% W-N:2% Calm:0%



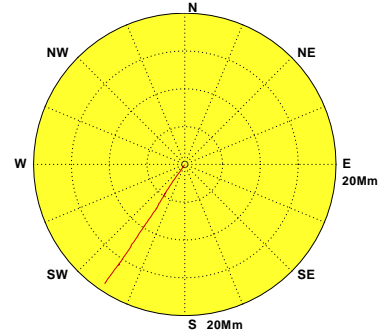
Wind of KHZ0 at 2018/11 NO=714(99%)
 MEAN=4.1m/s MAX=10.7m/s(NNE)
 N-E:48% E-S:1% S-W:1% W-N:50% Calm:0%



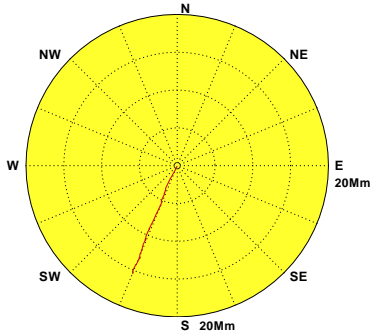
Wind of CNB0 at 2018/11 NO=708(98%)
 MEAN=4.7m/s MAX=11.5m/s(N)
 N-E:49% E-S:3% S-W:2% W-N:46% Calm:0%



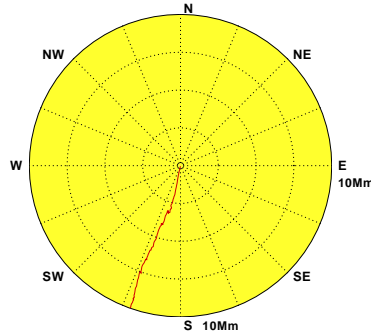
Wind of TCIO at 2018/11 NO=709(98%)
 MEAN=7.6m/s MAX=19.6m/s(NNE)
 N-E:94% E-S:2% S-W:1% W-N:3% Calm:0%



Wind of PHW0 at 2018/11 NO=692(96%)
 MEAN=6.4m/s MAX=14.1m/s(NNE)
 N-E:90% E-S:1% S-W:0% W-N:9% Calm:0%



Wind of KMW0 at 2018/11 NO=646(90%)
 MEAN=4.7m/s MAX=15.3m/s(N)
 N-E:86% E-S:6% S-W:2% W-N:6% Calm:0%



Wind of MSW0 at 2018/11 NO=237(33%)
 MEAN=3.8m/s MAX=7.8m/s(NNW)
 N-E:4% E-S:1% S-W:2% W-N:93% Calm:0%

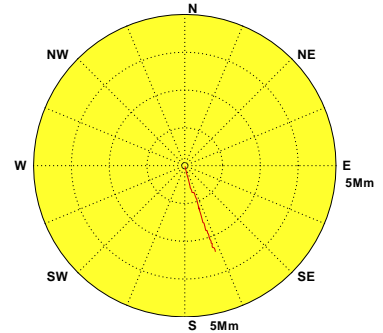


圖9.12a 2018年11月12海域主要測站2修補前觀測風向量行進圖

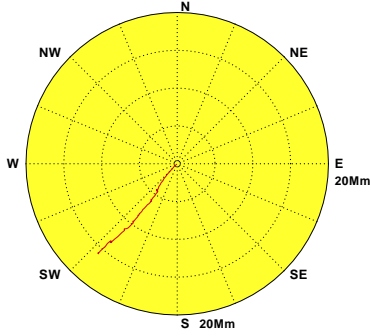
W18BTPY0.1H0 W18BKLY0.1H0 W18BSAY0.1H0 W18BHLY0.1H0 W18BLTW0.1H0 W18BPNZ0.1H0

W18BKHZ0.1H0 W18BCNB0.1H0 W18BTCIO.1H0 W18BPHW0.1H0 W18BKMW0.1H0 W18BMSW0.1H0

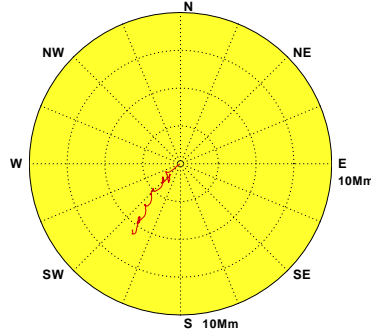
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Progressive Vector Diagram of Wind

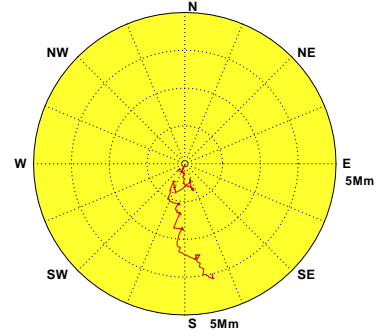
Wind of TPY0 at 2018/11 NO=720(100%)
 MEAN=6.8m/s MAX=17.7m/s(NE)
 N-E:78% E-S:9% S-W:5% W-N:8% Calm:0%



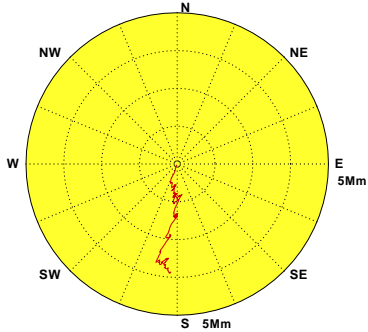
Wind of KLY0 at 2018/11 NO=720(100%)
 MEAN=4.3m/s MAX=10.7m/s(NE)
 N-E:47% E-S:13% S-W:23% W-N:17% Calm:0%



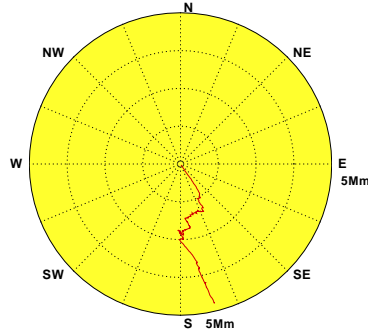
Wind of SAY0 at 2018/11 NO=720(100%)
 MEAN=4.0m/s MAX=11.6m/s(NNE)
 N-E:26% E-S:15% S-W:10% W-N:49% Calm:0%



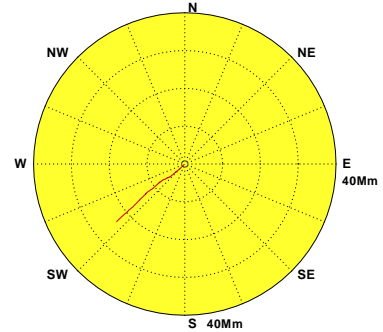
Wind of HLY0 at 2018/11 NO=720(100%)
 MEAN=3.5m/s MAX=13.0m/s(NE)
 N-E:34% E-S:7% S-W:39% W-N:20% Calm:0%



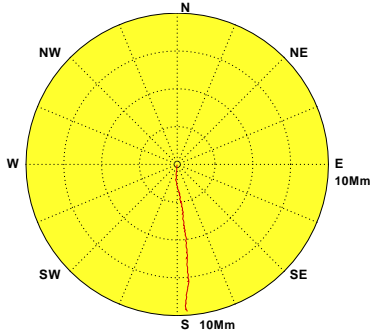
Wind of LTW0 at 2018/11 NO=720(100%)
 MEAN=2.9m/s MAX=10.6m/s(NW)
 N-E:28% E-S:15% S-W:1% W-N:56% Calm:0%



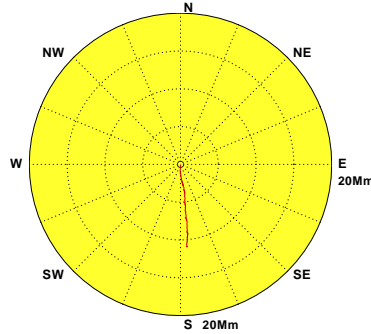
Wind of PNZ0 at 2018/11 NO=720(100%)
 MEAN=9.3m/s MAX=20.9m/s(NE)
 N-E:97% E-S:1% S-W:0% W-N:2% Calm:0%



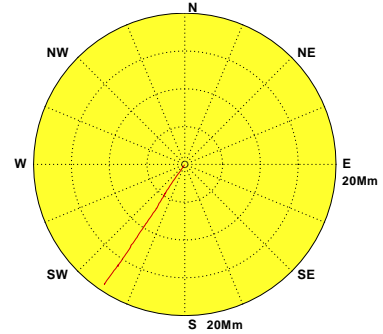
Wind of KHZ0 at 2018/11 NO=720(100%)
 MEAN=4.1m/s MAX=10.7m/s(NNE)
 N-E:48% E-S:1% S-W:1% W-N:50% Calm:0%



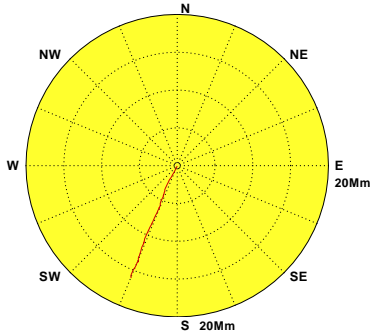
Wind of CNB0 at 2018/11 NO=720(100%)
 MEAN=4.6m/s MAX=11.5m/s(N)
 N-E:49% E-S:3% S-W:2% W-N:46% Calm:0%



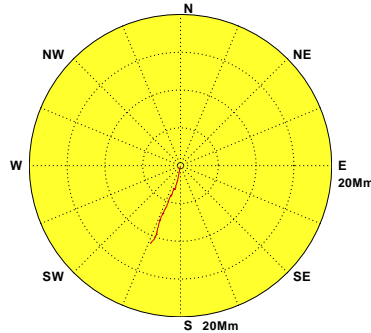
Wind of TCIO at 2018/11 NO=720(100%)
 MEAN=7.5m/s MAX=19.6m/s(NNE)
 N-E:94% E-S:2% S-W:1% W-N:3% Calm:0%



Wind of PHW0 at 2018/11 NO=720(100%)
 MEAN=6.4m/s MAX=14.1m/s(NNE)
 N-E:90% E-S:1% S-W:0% W-N:9% Calm:0%



Wind of KMW0 at 2018/11 NO=720(100%)
 MEAN=4.7m/s MAX=15.3m/s(N)
 N-E:88% E-S:5% S-W:2% W-N:5% Calm:0%



Wind of MSW0 at 2018/11 NO=720(100%)
 MEAN=4.0m/s MAX=7.8m/s(NNW)
 N-E:66% E-S:2% S-W:1% W-N:31% Calm:0%

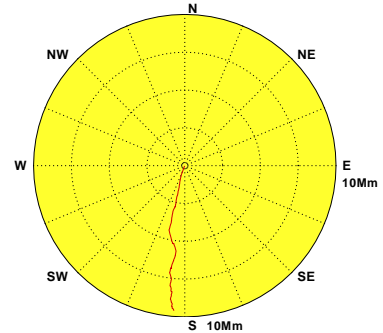


圖9.12b 2018年11月12海域主要測站2修補後觀測風向量行進圖

W18BTPY0.1HA W18BKLY0.1HA W18BSAY0.1HA W18BHLY0.1HA W18BLTW0.1HA W18BPNZ0.1HA
 W18BKHZ0.1HA W18BCNB0.1HA W18BTCIO.1HA W18BPHW0.1HA W18BKMW0.1HA W18BMSW0.1HA

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