발 간 등 록 번 호 PUBLICATION NUMBER

11-1360000-000817-06

# 해 양 기 상 월 보

MONTHLY REPORT OF MARINE DATA
(시험판)

2011. 10.



### CONTENTS

(List of the Marine Stations)	1
(History of Observations)	2
- (Monthly Meteorological Data - Buoy)	3
- (Daily Meteorological Data - Buoy)	4
- (Wind Rose - Buoy)	12
- (Wave Direction Rose - Buoy)	13
- (Monthly Meteorological Data - Lhaws) · · · · · · · · · · · · · · · · · · ·	14
- (Daily Meteorological Data - Lhaws) · · · · · · · · · · · · · · · · · · ·	15
(Wind Rose - Lhaws)	24
- (Time Meteorological Data - Buoy) · · · · · · · · · · · · · · · · · · ·	25
- (Time Meteorological Data - Lhaws)	47
(Explanation of Figures)	69
(Meteorological observation network)	70

## **List of the Marine Stations**

				( )	. ( )	( )	. ( )	( )
22101	37 ° 13 ′	126 ° 01 ′	Discus 3m	- 0.1	3.4	0.2	4.3	- 0.2
22102	34 ° 47 ′	125 ° 46 ′	Discus 3m	- 0.1	3.4	0.2	4.3	- 0.2
22103	34 ° 00 ′	127 ° 30 ′	Discus 3m	- 0.1	3.4	0.2	4.3	- 0.2
22104	34 ° 46 ′	128 ° 54 ′	Discus 3m	- 0.1	3.4	0.2	4.3	- 0.2
22105	37 ° 31 ′	130 ° 00 ′	NOMAD 6 x 3	- 0.7	3.9	0.2	4.4	- 1.2
22106	36 ° 21 ′	129 ° 46 ′	NOMAD 6 x 3	- 0.7	3.9	0.2	4.4	- 1.2
22107	33 ° 04 ′	126 ° 01 ′	NOMAD 6 x 3	- 0.7	3.9	0.2	4.4	- 1.2
22108	36 ° 15 ′	125 ° 45 ′	NOMAD 6 × 3	- 0.7	3.9	0.2	4.4	- 1.2

				( )	. ( )	( )	. ( )	( )
955		37 ° 19 ′	126 ° 23 ′	7.0	17.0	14.5	20.0	7.0
956	가	36 ° 46 ′	125 ° 58 ′	7.0	15.0	12.5	15.0	7.0
957		35 ° 59 ′	126 ° 13 ′	7.0	75.0	71.0	75.0	7.0
958		35 ° 36 ′	126 ° 14 ′	7.0	14.0	11.0	15.0	7.0
959		34 ° 15 ′	126 ° 01 ′	7.0	11.0	9.0	12.0	7.0
960		33 ° 13 ′	126 ° 39 ′	15.0	17.0	12.0	18.0	15.0
961		34 ° 16 ′	127 ° 50 ′	15.0	26.5	24.0	27.5	15.0
962		35 ° 07 ′	129 ° 08 ′	6.0	11.0	9.0	12.0	6.0
963		35 ° 34 ′	129 ° 28 ′	7.0	14.0	11.5	17.5	7.0

```
1.
                                                         ,135°E
                                             가
       (KST:Korean Standard Time)
2.
                                                          ' ', 'm', 'sec', 'm'
                          , , , ,
가 .
                                                     0300, 0600, 0900, 1200,
3. , , , , 0. 1500, 1800, 2100, 2400 KST 8 . 8
           0300, 0900, 1500, 2100 KST(")" ) 0600, 1200, 1800, 2400, KST("]"
         가 1
                              가 5
                                                       0300, 0600, 0900, 1200,
                                       (")")
1500, 1800, 2100, 2400 KST
" x "
5.
                    ( ),
                                 (
                                     ),
                                                      ),
                                                                      가 1
                                     가 가
6.
          가
                                        가 1
7.
                            80%
              ),
                    80%
8.
9.
                                                                     가
10.
                             10
                                                   3
                                                        Sampling
                                   600
11.
                                                                 (17
                             ),
           Sampling 1024
```

12. 6	,	,		,	10	( )					10		Sampling
13.				/	(	) /	0.25	1	3	Sampling	12 /		1
14.	(	(	)										
15.				(	) /	10		Sampling	6			1	

# 월 요 약 자 료 Monthly Meteorological Data

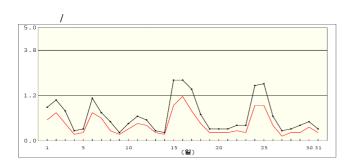
2011년 10월

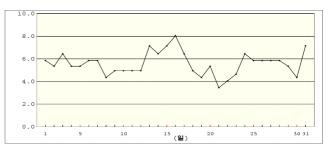
# 해양기상부이

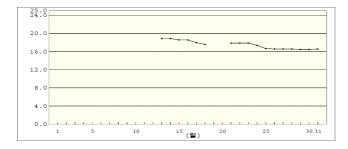
Sta	ation		Ma	ıx. Wave	Height			Signi	ficant Wa	ve Height		\	Wave Dir.		
Number	Name	Mean	Maxim	Date	No. of Days		Mean	Maximum	Date	No. o	f Days	Mean	Maxim	Date	Most F
34			mm		3.0m	5.0m		m		3.0m	5.0m		nm		Most Frequency
		(m)	(m)				(m)	(m)				(sec)	(sec)		(16)
22101 22102	덕 적 도 칠 발 도	0.8	3.3	16	4		0.5	2.4	16			4.1	7.1	31	S
22103	거 둔 도	1.2	3.3	31	1		0.8	1.9	31			5.6	12.8	01	SW
22104	거 제 도	1.5	5.1	21	7	2	1.0	3.2	21	1		6.5	12.8	27	WNW
22105	동 해	1.8	8.3	25	12	1	1.1	4.4	25	1		5.7	10.7	27	SE
22106	포 항	1.9	8.7	22	10	3	1.2	3.9	25	3	1	6.2	10.7	29	N
22107	마 라 도	2.0	6.9	25	11	2	1.2	4.2	25	1		5.4	10.7	29	N
22108	외 연 도	1.1	5.1	25	5	1	0.7	3.9	25	1		4.4	9.1	25	SSW

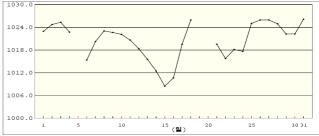
St	tation	Wind		Mean	Mean		Air	Temperat	ure			Wate	r Temper	ature		
Number	Name	Mean Speed	Max. Speed	Date	Station Press.	Rel. Humid.	Mean	Maximum	Date	Minimum	Date	Mean	Maximum	Date	Minimum	Date
		( <sup>m</sup> / <sub>s</sub> )	(m/s)		(hPa)	(%)	( )	( )		( )		( )	( )		( )	
22101	덕 적 도 칠 발 도	4.6	9.1	25	1020.5	60	15.8	18.1	09	10.8	25					
22103 22104	거 문 도 거 제 도	5.7	8.8	20	1019.0 1018.7	69 61	17.8 18.7	19.8 22.0	10 13	14.9 13.8	18 25	19.3 20.9	21.6 23.5	05 13	16.7 18.3	19 28
22105 22106	동 해 포 항	5.5 5.8	10.4 14.7	22 22		64 59	17.5 18.2	21.1 21.0	10 10	12.3 12.9	25 25	20.5 20.9	21.8 22.6	10 01	19.2 17.6	25 16
22107	마라도	7.2	11.8	02	1019.2	67	20.4	24.1	10	15.8	25	23.8	25.1	05	22.1	31
22108	외 연 도	4.9	10.4	25	1020.7	66	16.2	17.9	10	11.3	25	17.7	19.2	01	16.0	31

2011 10 (22101) Deokjuckdo (22101) Daily Meteorological Data on Octor, 2011

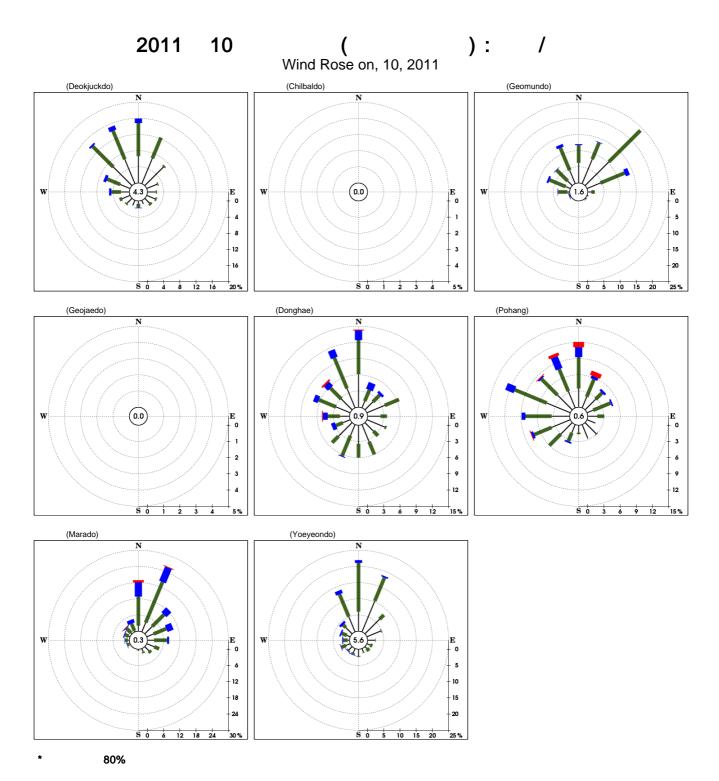


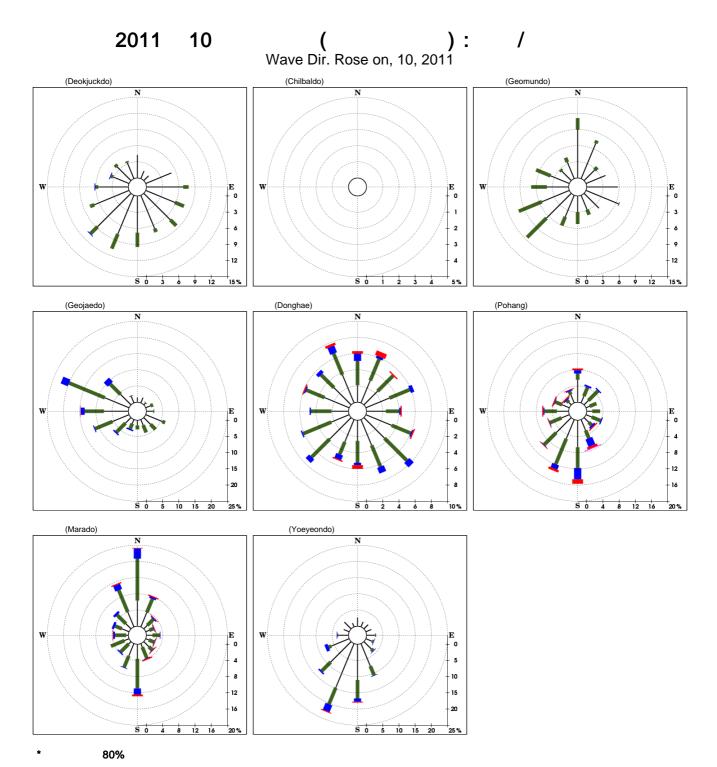






_	Wave Height											
Date		Wave	Height		Wave	Period	Wave Dir.	Wind		Relative	Air	Water
								Speed	Station	Humidity	Temperatur	Temperature
	Maxi	mum	Signi	ficant	Mean	Max.	Most		Pressure			
							Frequency					
	Mean	Max.	Mean	Max.								
	(m)	(m)	(m)	(m)	(sec)	(sec)	(16)	(º/s)	(hPa)	(%)	( )	( )
01	1.1	1.8	0.7	1.1	4.5	5.8	S	6.0	1022.9	54	14.6	х
02	1.4	2.2	0.9	1.5	4.4	5.3	SSW	7.4	1024.7	50	x	X
03	0.9>	1.6>	0.6>	0.9>	5.3>	6.4>	ESE>	4.2>	1025.3)	44)	x	x
04	0.4	0.5	0.3	0.3	4.0	5.3	SSW	1.8	1022.7	51	x	x
05	0.4>	0.6>	0.3>	0.4>	3.5>	5.3>	SSE>	4.0>	X	x	x	x
06	1.6	2.3	1.1	1.5	4.7	5.8	SSW	7.9	1015.3	67	17.6	X
07	0.9>	1.5>	0.6>	1.2>	4.5>	5.8>	S>	4.4>	1020.2)	62)	17.1)	X
80	0.4	1.0	0.3	0.5	3.5	4.3	ESE	1.7	1023.0	65	17.3	X
09	0.3>	0.4>	0.2>	0.3>	4.0>	4.9>	NNW>	2.3>	1022.6]	70]	18.1]	x
10	0.4>	0.9>	0.3>	0.6>	3.8>	4.9>	E>	2.8>	1022.1	73	17.8	Х
	0.8	1.3	0.5	0.8	4.2	5.4		4.3	1022.1	60		
11	0.9	1.3	0.6	0.9	3.9	4.9	SW	5.7	1020.6	52	17.6	x
12	0.6>	1.1>	0.4>	0.8>	3.8>	4.9>	ENE>	3.7>	1018.3	53	17.6	х
13	0.3	0.5	0.2	0.4	4.2	7.1	ENE	2.1	1015.5	70	17.9	18.8
14	0.3	0.4	0.2	0.3	3.9	6.4	N	2.2	1012.4	76	16.4	18.8
15	1.0	3.3	0.6	1.9	4.5	7.1	W	6.6	1008.4	72	16.2	18.5
16	2.6	3.3	1.7	2.4	7.0	8.0	NW	8.3	1010.6	58	17.2	18.5
17	1.9	2.8	1.2	1.6	5.2	6.4	SSW	8.3	1019.5)	40	13.6	17.9
18	0.8	1.4	0.6	0.9	4.0	4.9	WSW	5.2	1025.9	36	11.8	17.5
19	0.4>	0.6>	0.3>	0.4>	3.3>	4.3>	E>	3.5>	X	x	x	X
20	X	x	x	x	х	x	x	x	X	x	x	X
	1.0	1.6	0.6	1.1	4.4	6.0		5.1	1016.4	57	16.0	
21	0.4	0.6	0.3	0.4	2.5	3.4	SW	4.7	1019.5	66	17.6	17.8
22	0.7	0.8	0.4	0.5	3.2	4.0	S	4.9	1015.7	73	17.1	17.8
23	0.4	0.8	0.3	0.4	3.6	4.6	SW	2.4	1018.1]	76	17.1	17.8
24	1.5>	3.0>	1.0>	1.9>	4.5>	6.4>	SW>	7.7>	1017.6	69	13.9	17.3
25	2.0	3.1	1.3	1.9	5.0	5.8	S	9.1	1025.0	45	10.8	16.6
26	0.6	1.3	0.4	0.8	4.8	5.8	E	3.0	1025.9	46	12.4	16.5
27	0.3	0.5	0.2	0.2	3.7	5.8	E	2.4	1025.9	57	14.2	16.5
28	0.3	0.6	0.2	0.4	3.3	5.8	S	3.8	1024.9	64	14.8	16.5
29	0.4	0.8	0.2	0.4	3.9	5.3	E	3.1	1022.2	66	14.8	16.4
30	0.7	1.0	0.4	0.7	3.3	4.3	SSW	5.9	1022.2	66	15.3	16.4
31	0.4	0.6	0.2	0.4	3.4	7.1	W	3.8	1026.1	61	15.8	16.5
	0.7	1.2	0.4	0.7	3.7	5.3		4.6	1022.1	63	14.9	16.9
	0.8	1.4	0.5	0.9	4.1	5.5		4.6	1020.5	60	15.8	





# 월 요 약 자 료 Monthly Meteorological Data

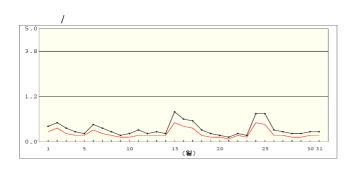
2011년 10월

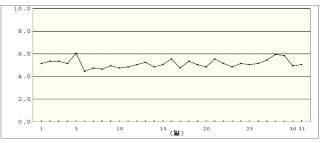
# 등표기상관측장비

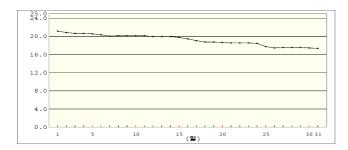
	Station Max. Wave Height								Signific	ant Wav	e Height		Wa	ve Period		S	ea Level	
	Number	Name	Mean	Maximum	Date	No. of Days		Mean	Maximum	Date	No. of	Days	Mean	Maximum	Date	Mean	Maximum	Date
						3.0m	5.0m				3.0m	5.0m						
L			(m)	(m)				(m)	(m)				(sec)	(sec)		(m)	(m)	
	955	서 수 도	0.3	1.6	15			0.2	1.0	24			4.1	5.9	28	8.63	13.14	28
	956	가 대 암	0.8	4.7	25	3		0.5	3.2	25	1		4.4	6.7	16	9.69	13.11	28
	957	십이동파					_						4.2	8.7	14	11.36	14.52	01
	958	갈 매 여	1.0	6.6	25	6	2	0.7	4.5	25	3		4.1	6.1	25	9.57	12.93	29
	959	해 수 서	0.1	0.6	15			0.0	0.0	07			5.2	11.7	29	6.95	8.74	29
	960	지 귀 도	0.5	1.9	31			0.3	1.3	31			5.1	7.7	23	15.33	16.73	29
	961	간 여 암																
	962	광 안	0.7	2.7	22			0.4	1.9	22			4.7	8.4	03	6.12	6.78	27
	963	이 덕 서	1.0	3.5	30	3		0.7	2.4	30			5.7	9.1	28	7.85	8.09	30

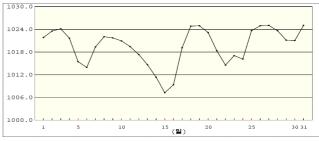
St	Station Wind					Mean		Air	Temperat	ure			Wate	r Temper	ature	
Number	Name	Mean	Gust			S. L. P	Maxim	Minim	Date	Maximu	Minim	Mean	Maximu	Date	Minim	Date
er		Speed	Speed	Dir.	Date		mnı	m		m	m		m		m	
		( <sup>m</sup> /s)	( <sup>m</sup> /s)	(16)		(hPa)	( )	( )		( )	( )	( )	( )		( )	
955 956 957 958 959 960 961 962 963	서 가 십 강해 지 간 광 이	4.7 5.0 4.5 4.8 5.0 6.2 7.0 4.3 5.3	20.1 26.2 25.7 21.2 19.2 24.5 22.9 17.5 23.5	S WNW WNW NNE W NE NW WSW NNW	16 15 15 25 15 25 25 25 15 22	1019.5 1019.1 1018.4 1019.1 1017.9 1017.7 1016.1 1018.4 1017.7	15.7 16.0 15.5 16.2 16.4 18.4 17.8 17.8	24.1 21.0 19.7 22.0 21.6 25.2 23.9 24.5 23.6	13 05 09 15 04 06 13 10	6.6 5.2 9.0 6.9 10.0 9.7 10.1 7.2 6.0	25 25 25 25 26 26 25 26 26 26	19.2 17.9 17.6 18.0 16.6 23.8 19.9 19.8	21.1 19.2 18.8 19.6 18.6 25.0 21.2 22.0	01 06 01 01 01 04 05	17.3 16.7 16.7 16.3 15.1 22.4 18.4 17.5	31 31 25 30 26 30 31

2011 10 (955) Seosudo (955) Daily Meteorological Data on Octor, 2011









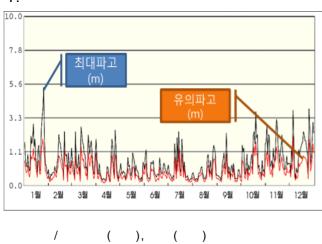
Data		Maria	l laimht		Mayra	Daviad	Se			Wind				Air		\\/a4a#
Date		Wave	neigni		Wave	Period	36	а		vvina						Water
												Sea	Te	emperatu	re	Temperature
	Maxii	mum	Signi	ficant	Mean	Max.	Mean	Max.	Mean	G	ust	Level				
									Speed			Pressure	Mean	Max.	Min.	
	Maan	Max.	Mean	Max.					-,	Canad	Direction					
	Mean	wax.	wean	wax.						Speed	Direction					
	(m)	(m)	(m)	(m)	(sec)	(sec)	(m)	(m)	(M/s)	(m/s)	(16)	(hPa)	( )	( )	( )	( )
01	0.4	0.8	0.2	0.8	4.0	0.8	8.70	12.87	6.3	14.4	NW	1021.8	14.0	17.5	11.7	21.1
02	0.5	1.0	0.3	1.0	3.9	1.0	8.70	12.26	7.6	13.0	WNW	1023.5	15.7	17.6	14.3	20.8
03	0.3	0.7	0.2	0.7	4.3	0.7	8.60	11.67	4.1	11.4	NW	1024.1	15.2	17.5	12.0	20.6
04	0.2	0.5	0.1	0.5	4.2	0.5	8.70	11.11	2.7	5.4	NE SW	1021.6	16.5	18.5	13.3	20.6 20.5
05 06	0.2 0.7>	0.4 0.9>	0.1 0.4>	0.4 0.9>	4.1 4.0>	0.4 0.9>	8.60 8.50>	10.59 10.39>	3.6 8.2>	7.2 13.3>		1015.4 1013.9	17.3 17.8	20.0 21.3>	15.6 15.9>	20.5
07	0.7 >	0.9>	0.4>	0.9>	4.0>	0.9>	8.60	10.56	4.1	10.0	WNW	1013.9	17.0	19.2	13.9	20.0
08	0.4	0.5	0.2	0.7	4.0	0.5	8.70	11.11	2.3	5.4	N	1022.0	17.1	19.6	13.1	20.1
09	0.2	0.3	0.1	0.3	4.0	0.3	8.70	11.38	2.0	6.6	NE	1021.7	17.8	20.4	14.4	20.1
10	0.2	0.4	0.1	0.4	4.0	0.4	8.70	11.63	2.9	7.2	WNW	1020.9	17.9	19.1	14.8	20.1
	0.3	0.6	0.2	0.6	4.1	0.6	8.70	11.40	4.4			1020.4	16.6	21.3	11.7	20.4
11	0.3	0.6	0.2	0.6	4.1	0.6	8.70	12.09	4.5	7.8	NW	1019.4	17.4	19.4	15.1	20.1
12	0.3	0.4	0.2	0.4	4.0	0.4	8.70	12.11	3.1	7.3	WNW	1017.3	17.4	18.9	14.3	19.9
13	0.2	0.5	0.1	0.5	4.0	0.5	8.50	12.35	1.9	4.4	N	1014.6	17.6	24.1	13.8	19.9
14	0.2>	0.4>	0.1>	0.4>	4.1>	0.4>	8.80>	12.28>	2.4>	10.8>		1011.3	16.2	18.7>	11.6>	19.9
15	0.4	1.6	0.2	1.6	4.1	1.6	8.70	12.25	6.7	19.4	SSW	1007.2	16.1	20.8	10.5	19.7
16	0.8	1.2	0.5	1.2	4.4	1.2	8.60	11.98	9.5	20.1	S	1009.3	17.2	19.8	14.3	19.4
17	0.7	1.1	0.4	1.1	4.1	1.1	8.60	11.82	8.7	15.2	NW	1019.1	13.1	17.0	9.8	19.0
18	0.3	0.6	0.2	0.6	4.2	0.6	8.50	11.37	4.6	11.5	NW	1024.8	11.4	14.3	8.2	18.7
19	0.2	0.4	0.1	0.4	4.3	0.4	8.60	11.04	3.7	7.6	N	1024.9	14.5	17.9	8.5	18.7
20	0.2	0.3	0.1	0.3	4.1	0.3	8.60	10.67	4.1	8.2	ENE	1023.1	16.7	20.2	12.8	18.6
	0.4	0.7	0.2	0.7	4.1	0.7	8.60	11.80	4.9			1017.1	15.7	24.1	8.2	19.4
21	0.1	0.2	0.1	0.2	4.3	0.2	8.50	10.57	4.8	8.6	NE	1018.3	17.8	20.3	14.5	18.5
22	0.2	0.4	0.1	0.4	4.1	0.4	8.40	10.39	4.7	8.1	N	1014.5	17.4	20.1	14.2	18.5
23	0.2	0.3	0.1	0.3	4.0	0.3	8.60	10.81	2.9	8.6	WNW	1017.0	17.0	20.1	13.6	18.5
24	0.6	1.5	0.3	1.5	4.1	1.5	8.50	11.52	7.9	18.0	WNW	1016.1	13.9	19.8	8.4	18.4
25	0.8	1.5	0.5	1.5	4.0	1.5	8.30	12.00	9.8	17.1	WNW	1023.6	9.7	12.3	6.6	17.7
26	0.3	0.6	0.2	0.6	4.2	0.6	8.70	12.76	3.0	10.5	NW	1024.9	11.8	13.7	9.5	17.4
27	0.2	0.5	0.1	0.5	4.1	0.5	8.80	13.01	2.9	6.6	NE	1025.0	13.8	17.2	9.6	17.5
28	0.2	0.4	0.1	0.4	4.2	0.4	8.70	13.14	3.5	7.4	W	1023.6	14.9	17.9	9.2	17.5
29 30	0.2 0.2>	0.4 0.5>	0.1 0.1>	0.4 0.5>	4.3 4.0>	0.4 0.5>	8.70 8.50>	13.06	3.3 5.8>	7.1 10.5>	NE NW>	1021.1 1021.0	14.6	18.0	11.8 11.6>	17.5 17.4
30	0.2>	0.5>	0.1>	0.5>	4.0>	0.5>	8.50> 8.70>	12.63> 12.34>	5.8> 3.2>	10.5> 6.6>		1021.0	15.4 15.6	19.0> 17.9>	11.6>	17.4
31	0.2>	0.5>	0.1>	0.5>	4.0>	0.5>	8.60	12.34>	3.2> 4.7	0.6>	IN>	1025.0	14.7	20.3	6.6	17.8
	0.3	0.6	0.2	0.6	4.1	0.6	8.60	11.70	4.7			1019.5	15.7	24.1	15.9	19.2

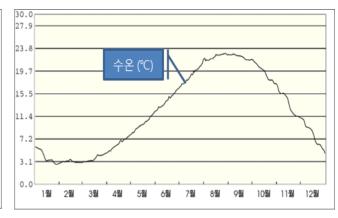
2011 10 (22101) Deokjuckdo (22101) Daily Meteorological Data on Octor, 2011

			njacnac	(	,		9		O0101, 2	•		
D	Ξũ	≤	≤	×	Wave	< <	8	0	≤	Re	<u>A</u> :	< <
Date.Time	eig n gin	ax.	ea	Wave Period	ave	Wind Dir	Wind Speed	Gust	ea	Rel. Humid	] ]	ate
∄	nt fic	≶	×	7	Dir.	1 -	1 σ		S L	픋	l em	Ĩ
m <sub>e</sub>	ä	av	/av	e <u>r</u> .	. ₹	. ₹	pe		tat	₫.	pe	e n
-	<u> </u>	Ξ.	e -	od			8		i or		Air Temperature	βqr
	Significant Wave Height	Max. Wave Height	₫.						9		ure	rat
	Ф	gh t	Mean Wave Height					1	Mean Station Press.			Water Temperature
									, Š			U
	(m)	(m)	(m)	(sec)	(16)	(16)	(m/s)	(m/s)	(hPa)	(%)	( )	( )
0101	1.1	1.8	0.6	4.6	SE	N	7.5	10.2	1022.4	60	13.3	
0102	1.0	1.3	0.5	5.8	SE	N	7.6	10.0	1022.2	60	13.1	
0103	1.0	1.4	0.5	4.3	S	N	5.8	8.9	1022.3	61	13.0	
0104	0.9	1.2	0.4	4.3	WSW	NNW	5.2	7.6	1022.4	60	13.1	
0105	0.8	1.3	0.4	4.0	SW	NNW	5.8	9.2	1021.5	62	13.2	
0106	0.8	1.1	0.4	5.3	ESE	NNW	5.2	7.3	1021.8	60	12.9	
0107	0.7	1.2	0.3	4.3	W	NNW	6.2	9.0	1022.3	59	12.9	
0108	0.7	1.0	0.4	3.8	SW	NW	4.9	7.3	1022.5	57	13.0	
0109 0110	0.6 0.5	0.7 0.9	0.3 0.3	3.6 5.3	S ENE	NNW NNW	4.1 4.6	6.1 6.9	1022.8 1023.6	54 52	13.1 13.4	
0111	0.5	0.8	0.3	4.9	ENE	NNW	3.9	6.7	1023.6	49	13.4	
0112	0.5	0.8	0.2	3.8	E	NW	5.6	8.2	1024.1	51	13.6	
0113	0.5	0.7	0.2	3.8	ESE	NNW	6.5	8.3	1023.7	53	13.6	
0114	0.6	1.0	0.3	3.0	S	NW	6.4	8.3	1023.4	51	14.1	
0115	0.6	0.8	0.3	3.4	SSW	NW	6.3	8.7	1023.1	55	14.7	
0116	0.6	0.8	0.3	4.9	S	NW	5.4	7.6	1022.2	55	15.2	
0117	0.5	1.0	0.3	4.9	S	WNW	3.6	6.0	1022.1	57	15.7	
0118	0.7	1.0	0.3	5.3	NE	WNW	4.1	6.3	1021.6	55	16.2	
0119	0.8	1.1	0.4	4.0	SW SW	NW	5.7	8.0 8.9	1021.9	51 47	16.9 17.0	
0120 0121	0.8 0.8	1.2 1.3	0.4 0.4	5.3 5.8	SSE	N N	6.6 7.5	8.9	1022.6 1022.9	47	16.9	
0121	0.8	1.2	0.4	4.6	SSE	N	7.9	9.8	1023.9	46	16.8	
0123	0.9	1.3	0.5	4.3	SSE	NNW	8.9	11.2	1024.2	53	16.5	
0124	1.0	1.2	0.5	4.9	SE	NNW	9.3	11.3	1024.7	56	16.0	
0201	1.0	1.4	0.5	4.3	ESE	NNW	8.1	10.3	1024.8	59	15.8	
0202	0.9	1.2	0.5	4.0	SSE	NNW	8.0	10.0	1024.6	60	16.1	
0203	1.1	1.8	0.5	4.3	SSW	NNW	8.4	10.6	1024.7	58	16.2	
0204	0.9	1.4	0.4	4.3	SSW	NNW	7.9	9.9	1024.3	53	16.3	
0205	0.7	1.0	0.4	4.6	WNW	NNW	7.3	9.8	1024.0	51	16.2	
0206 0207	0.7 0.7	1.1 1.1	0.3 0.3	3.8 4.6	W W	NNW NNW	6.9 6.6	9.1 8.9	1024.3 1024.1	52 55	16.4 16.3	
0208	0.7	1.1	0.3	4.3	WSW	NNW	6.9	9.5	1024.1	56	17.0	
0209	0.8	1.1	0.4	4.3	SSW	N	8.0	10.6	1025.1	48	17.4	
0210	0.7	1.0	0.4	4.3	SSE	N	7.8	12.2	1025.2	49		
0211	0.8	1.3	0.4	4.3	SE	N	7.2	9.4	1025.7	50		
0212	0.6	1.0	0.3	3.6	SSE	NNW	5.8	8.4	1025.8	48		
0213	0.6	0.9	0.3	3.8	SSE	NNW	7.0	9.6	1025.7	46		
0214	0.6	0.9	0.3	3.8	SE	N	6.0	8.6	1025.2	41		
0215	0.6	0.9	0.3	3.4	SSW	NNW	5.1	8.3	1024.7	43		
0216 0217	0.6 0.6	0.9 1.3	0.3 0.3	3.6 4.3	WSW SW	NNW NW	5.3 4.5	7.4 7.0	1024.1 1023.9	41 40		
0217	1.1	1.9	0.5	4.6	S	NW	9.7	13.1	1023.9	50		
0219	1.5	2.2	0.7	5.3	SSW	NW	9.9	12.2	1023.6	54		
0220	1.2	2.0	0.6	5.3	SW	NW	9.4	12.0	1023.8	51		
0221	1.4	2.0	0.7	5.3	SW	NW	8.8	11.2	1024.3	50		
0222	1.2	1.7	0.6	5.3	S	NNW	7.9	10.7	1024.9	48		
0223	1.1	1.7	0.5	5.3	SE	N	7.7	10.6	1025.3	49		
0224	0.9	1.8	0.4	5.3	ESE	N	7.4	9.8	1025.2	50		
0301 0302	0.9 0.8	1.3 1.4	0.5 0.4	5.3 4.9	ESE ESE	N N	7.3 7.3	9.1 9.8	1025.2 1025.4	48 45		
0302	0.8	1.5	0.4	4.6	SSE	N	6.2	8.6	1025.5	43		
0304	0.8	1.1	0.4	4.3	SSE	N	6.9	8.9	1025.4	42		
0305	0.8	1.3	0.4	5.8	SSE	N	7.4	9.7	1025.5	43		
0306												
0307	0.8	1.4	0.4	4.0	WSW	N	7.0	9.2	1025.2	37		
0308	0.9	1.6	0.5	4.3	W	NNE	5.4	8.0	1025.4	43		
0309	0.8	1.2	0.4	3.8	NW	NNE	5.6	8.6	1025.7	45		
0310	0.5	0.7	0.2	E 0	Е	NE	2.4	10	1026.7	49		
0311 0312	0.5 0.5	0.7	0.2	5.8 5.8	ENE	NE ENE	3.4 2.7	4.8 4.2	1026.7 1026.5	49 48		
0312	0.3	0.7	0.2	6.4	E	NNE	2.7	3.2	1026.2	46		
0314	0.4	0.5	0.2	5.8	ESE	NNE	2.4	3.6	1025.8	45		
0315	0.4	0.5	0.2	6.4	ESE	SW	2.2	3.7	1025.6	45		
0316	0.5	0.7	0.2	5.8	S	NNW	3.1	4.9	1025.1	49		
0317	0.5	0.9	0.3	5.8	SSW	NW	3.6	4.5	1024.7	50		
0318	0.5	0.9	0.3	5.3	S	NNW	3.6	4.7	1024.2	37		
0319	0.5	0.9	0.2	5.3	SSW	NW	3.6	5.2	1024.1	44		
0320 0321	0.4 0.4	0.6 0.6	0.2 0.2	5.3 5.3	WSW WSW	NW NNW	3.1 2.8	4.3 4.0	1024.2 1024.3	40 41		
0321	0.4	0.6	0.2	5.3	SW	NNW	2.6	3.9	1024.3	41		
0323	0.3	0.5	0.2	5.3	SSE	NNW	2.0	3.7	1024.2	44		
0324	0.2	0.3	0.1	5.3	E	N	1.6	3.3	1024.1	44		

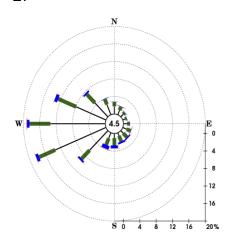
### **Explanation of Figures**

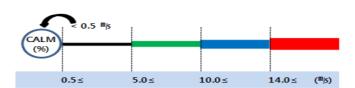
1.





2.

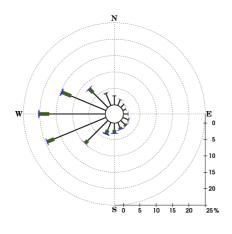


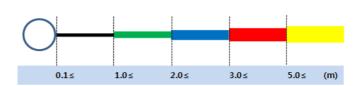


가.

. 1 . (0.5 \( \text{m/s} \) )

3.





가.

. 1

## Meteorological observation network

