

Chris

I have acquired a new data set in DVD from Korea Hydrographic Oceanographic Administration (KHOA), which is to be accessioned and archived. The DVD contains data measured and collected during 2010 with four folders (directories) as following:

1. "DT" directory - ten (10) tidal observation stations
2. "IEODO" directory - one station named "Ieodo"
3. "Ocean Station" directory - three ocean observation stations
4. "TW" directory - two buoy stations

	Station.	Code	Lat/LonWGS84	
Tide Ob. Station 조위관측소	고흥	Goheung	DT_0026	34°28'52"N, 127°20'34"E
	대산	Daesan	DT_0017	37°00'28"N, 126°21'10"E
	대흑산도	Daeheuksando	DT_0035	34°41'02"N, 125°26'11"E
	목포	Mokpo	DT_0007	34°46'47"N, 126°22'32"E
	목호	Mukho	DT_0006	37°33'01"N, 129°06'59"E
	속초	Sokcho	DT_0012	38°12'26"N, 128°35'39"E
	진도	Jindo	DT_0028	34°22'40"N, 126°18'31"E
	평택	Pyeongtaek	DT_0002	36°58'01"N, 126°49'22"E
	포항	Pohang	DT_0009	36°02'50"N, 129°23'02"E
	추자도	Chujado	DT_0021	33°57'43"N, 126°18'01"E
Ocean Obs. Station 해양관측소	왕돌초	Wangdolcho	DT_0039	36°43' 09"N, 129°43' 57"E
	교본초	Kyoboncho	DT_0042	34°42' 17"N, 128°18' 23"E
	쌍정초	Ssangjeongcho	DT_0046	37°33' 22"N, 130°56' 21"E
Buoy Station 부이	해운대	Haeundae	TW_0062	35°08'55"N, 129°10'07"E
	통영남부	Southern Tongyeong	TW_0063	34°33'58"N, 128°23'29"E
Ieodo Station 이어도	이어도	IEODO	IE_0060	32°07'11"N, 125°11'04"E

\* The ten tidal observation stations and three ocean observation stations have the following data:

- OTT tide level (cm)
- WLS tide level (cm)
- MIROS tide level (cm)
- significant wave height (m)
- significant wave period (sec)
- max. wave height (m)
- max. wave period (sec)

- water temperature (c in deg)
- salinity (psu)
- electric conductivity (ms/cm)
- wind speed (m/s)
- wind direction (deg)
- wind gust (m/s)
- air temperature (c in deg)
- air pressure (hPa)
- reference
- visible range (m)

\* The two buoy stations have the following data:

- wave direction (deg)
- current speed (m)
- current direction (deg)
- water temperature (deg in c)
- salinity (psu)
- electric conductivity (ms/cm)
- wind speed (m/s)
- wind direction (deg)
- maximum wind speed (m/s)
- equipment (sensor) wind direction (deg)
- air pressure (hPa)
- buy direction (deg)
- air temperature (deg in c)
- visibility range (m)
- maximum wave height (m)
- maximum wave period (sec)
- significant wave height (m)
- significant wave period (sec)

\* The Ieodo (island) observation station has the following data:

Parameter	Sensor	
Tide level	R.S.Aqua	m
Significant wave height 1	SM-001	m
Significant wave period 1	SM-001	sec
Max. wave height 1	SM-001	m
Wave direction 1	SM-001	deg
Significant wave height 2	SM-001	m
Significant wave period 2	SM-001	sec
Water temperature 1	Digital OEM C-T	°C

Water temperature 2	Digital OEM C-T	°C
Water temperature 3	Digital OEM C-T	°C
Water temperature 4	Digital OEM C-T	°C
Water temperature 5	Digital OEM C-T	°C
Electric conductivity 1	Digital OEM C-T	mS/cm
Electric conductivity 2	Digital OEM C-T	mS/cm
Electric conductivity 3	Digital OEM C-T	mS/cm
Electric conductivity 4	Digital OEM C-T	mS/cm
Electric conductivity 5	Digital OEM C-T	mS/cm
Current speed 6	RDCP-600	cm/s
Current speed 5	RDCP-600	cm/s
Current speed 4	RDCP-600	cm/s
Current speed 3	RDCP-600	cm/s
Current speed 2	RDCP-600	cm/s
Current speed 1	RDCP-600	cm/s
Current direction 6	RDCP-600	deg
Current direction 5	RDCP-600	deg
Current direction 4	RDCP-600	deg
Current direction 3	RDCP-600	deg
Current direction 2	RDCP-600	deg
Current direction 1	RDCP-600	deg
Wind speed 1	RM YOUNG 05106	m/s
Wind direction 1	RM YOUNG 05106	deg
Wind gust 1	RM YOUNG 05106	m/s
Wind speed 2	RM YOUNG 05106	m/s
Wind direction 2	RM YOUNG 05106	deg
Wind gust 2	RM YOUNG 05106	m/s

Cloud height 1	CL31	m
Cloud height 2	CL31	m
Cloud height 3	CL31	m
Cloud amount 1	CL31	Okta
Cloud amount 2	CL31	Okta
Cloud amount 3	CL31	Okta
Air temperature 1	HMP45A	°C
Air temperature 2	HMP45A	°C
Relative humidity 1	HMP45A	%RH
Relative humidity 2	HMP45A	%RH
Air pressure	PTB210B	hPa
Amount of sun light	MS-802	W/m <sup>2</sup>
Sun light time	MS-093	Hours
Visibility range	PWD-21	mm

**KHOA address:**

365 Seohae-Daero(Hang-dong 7-ga) Jung-Gu, Incheon, Republic of Korea

Email address: [khoa@korea.kr](mailto:khoa@korea.kr)

Data Submitter: Mr. Jongtaik Lee

Phone Number: 82-32-885-3905