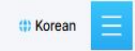


Report on the Activities of Korea DMDB for NEAR-GOOS

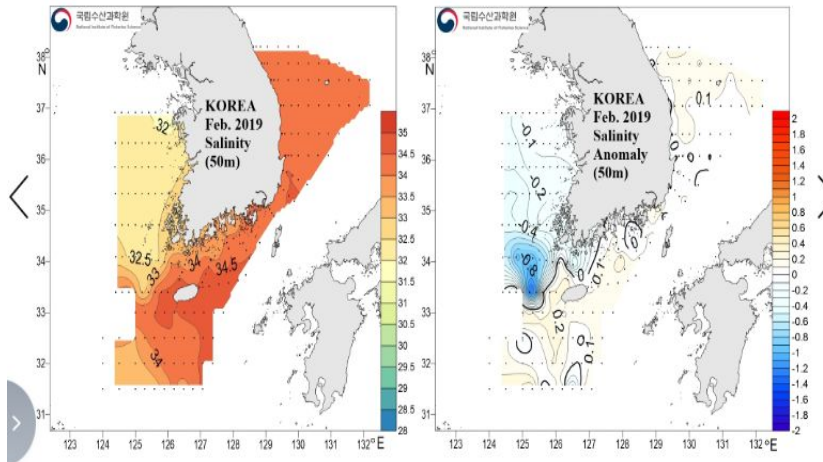
Korea Oceanographic Data Center
National Institute of Fisheries Science (NIFS)

Korea Oceanographic Data Center & NEAR-GOOS KDMDB



NSO Horizontal Distributions

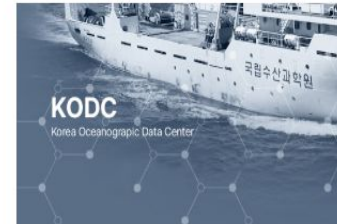
Data ▾ Year ▾ Month ▾ Depth ▾ 🔍



Today's Water Temp.

2025-03-04 16:00 (KST)

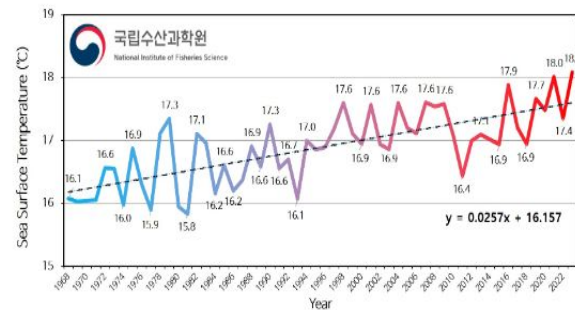
< Ducchen > Surface Temp.(°C) **11.0**



NSO Data

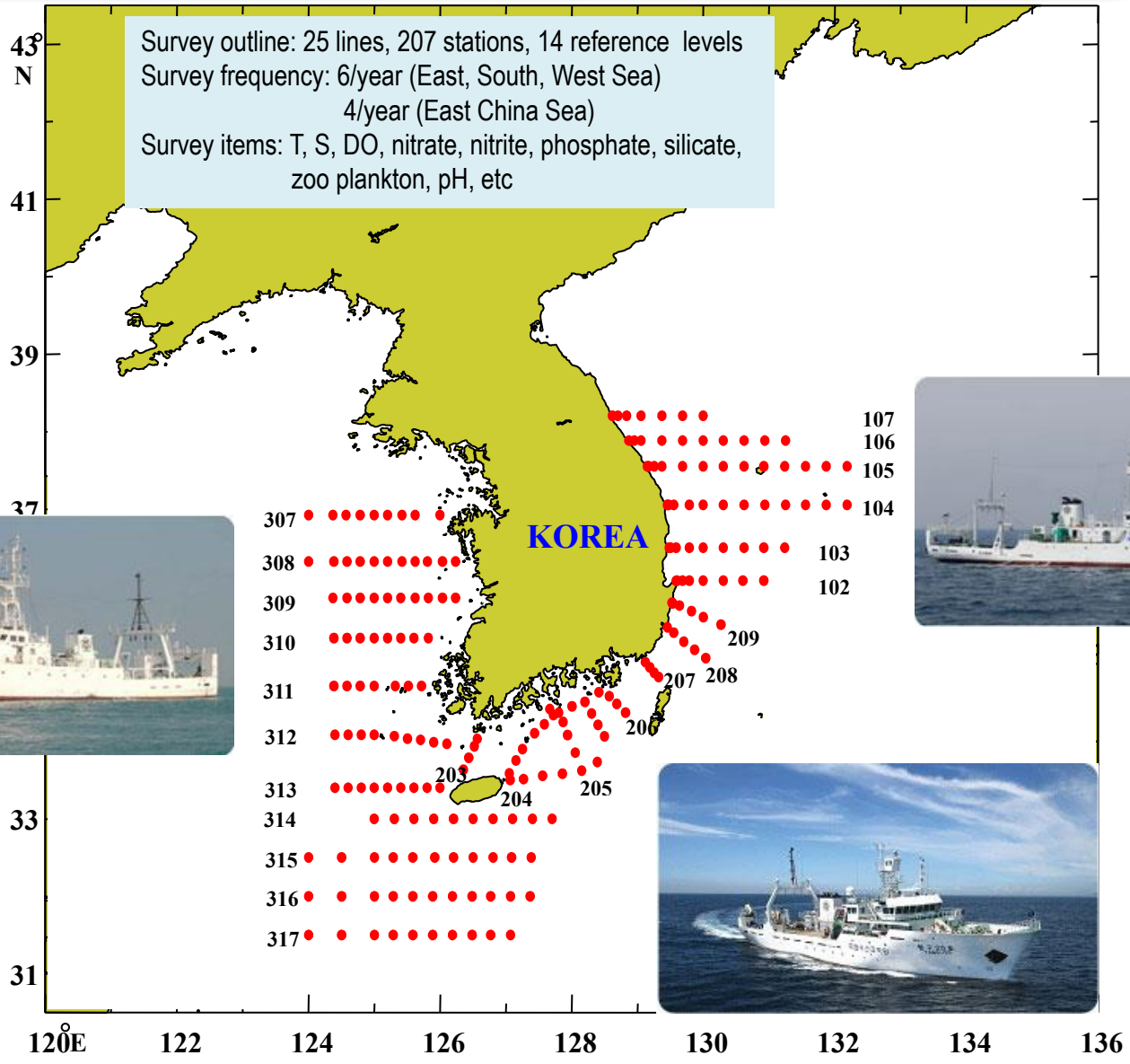
No.	Waters	Line-Station	Survey Date	Depth(m)	Temp(°C)	Salinity(pS)	DO(ml)	Phosphate
1	East ...	102-00	2022-0...	0	12.5	34.33		
2	East ...	102-00	2022-0...	0	15.5	34.28		
3	East ...	102-00	2022-0...	0	21.1	33.67		
4	East ...	102-00	2022-0...	0	26.1	32.52		
5	East ...	102-00	2022-1...	0	20.5	33.21		
6	East ...	102-00	2022-1...	0	15.4	34.14		
7	East ...	102-04	2022-0...	0	13.0	34.36	5.823	0.451
8	East ...	102-04	2022-0...	0	15.7	34.31	5.249	0.255

Sea Surface Temperature Variations

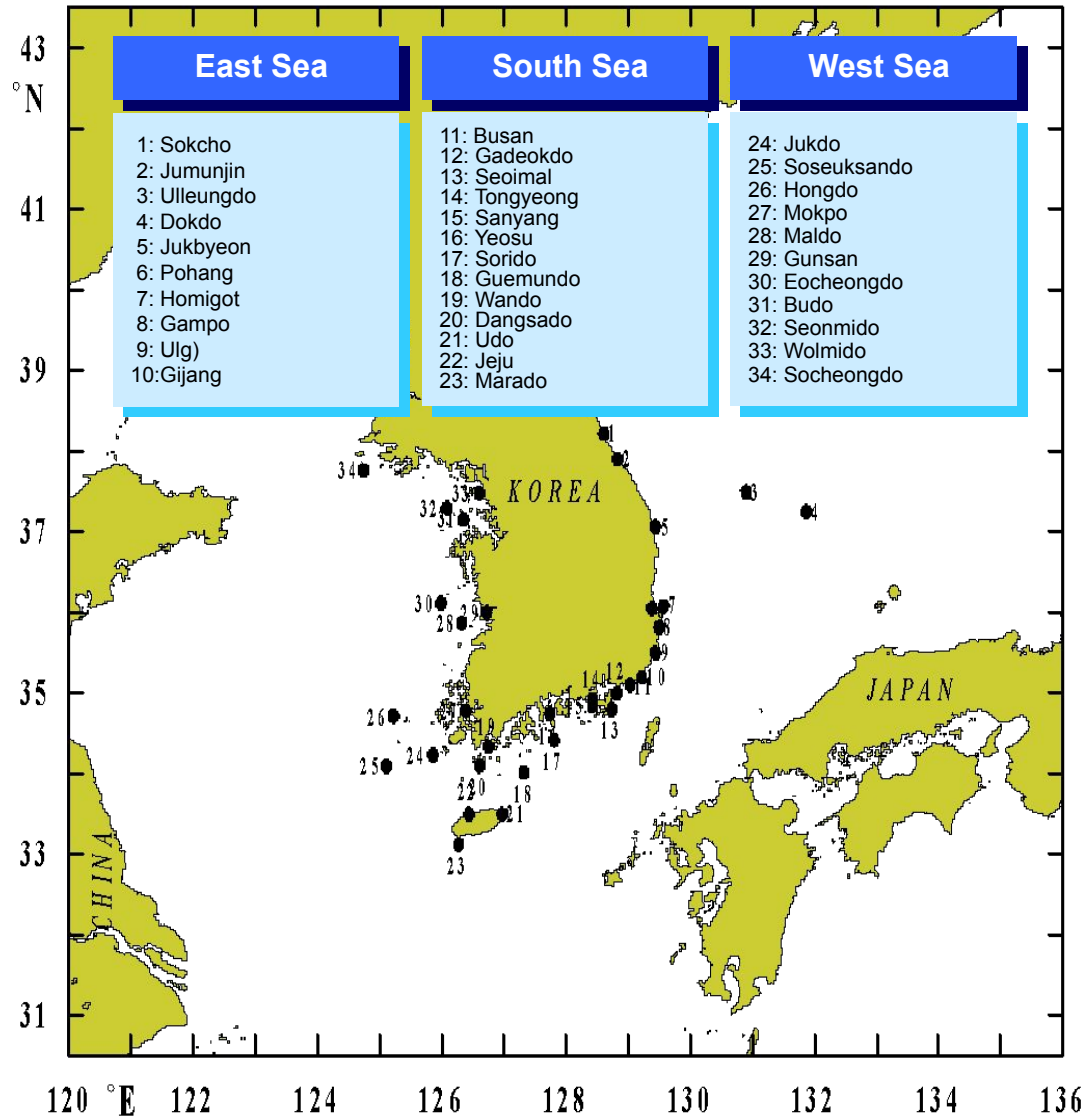


Website address:

NIFS Serial Oceanographic observations (NSO)



Coastal oceanographic observation



Offshore data (NSO)

Coastal data (COO)

Korea Oceanographic Data Center

Contact KODC Korean National Institute of Fisheries Science

Home About KODC Metadata Data Link

Data

NIFS Serial Oceanographic observation

Observation data search

Waters: All Water Level: All

Line: All Station: All

Data period: 20161121 ~ 20171120 1 Week 1 Month 6 Month 1 Year

Sort: Line-Station Ascending

Search Text Excel

Total count : 1064

Area	Line	Station	Latitude (°N)	Longitude (°E)	Date (YYYYMMDD)	Time (hhmmss)	Depth [m]	Water Temperature [°C]	T QC flag
South Sea	314	08	33	125.6	20161210	000000Z	75	17.9298	1
South Sea	314	08	33	125.6	20161210	000000Z	75	17.9298	1
South Sea	314	08	33	125.6	20161210	000000Z	50	17.9174	1
South Sea	314	08	33	125.6	20161210	000000Z	50	17.9174	1
South Sea	314	08	33	125.6	20161210	000000Z	30	17.1903	1
South Sea	314	08	33	125.6	20161210	000000Z	30	17.1903	1
South Sea	314	08	33	125.6	20161210	000000Z	20	17.1087	1

Korea Oceanographic Data Center

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Data

Coastal Oceanographic Observation

Observation data search

Waters: All Name of Coastal station: All

Date period: 20171113 ~ 20171120 1 Week 1 Month 6 Month

Sort: Name of Coastal station Descending

Search Text Excel

Total count : 55

Area	Station Name(code)	Date (YYYYMMDD)	Water Temperature[°C]	T-QC flag	QC Level	Atmospheric Pressure [°C]	Total cloud cover	Weather
South Sea	Hwayang(22001)	20171120	14.1	2	0	6		
South Sea	Hwayang(22001)	20171117	15.5	2	0	8.5		
South Sea	Hwayang(22001)	20171116	16	2	0	7.9		
South Sea	Hwayang(22001)	20171115	16.3	2	0	10.6		
South Sea	Hwayang(22001)	20171114	16.7	2	0	13.8		

NSO : NIFS Serial Oceanographic observations

COO : Coastal Oceanographic Observations

<http://www.nifs.go.kr/kodc/eng/index.kod>

Metadata service

Korea Oceanographic Data Center Search Map English

Search ...

100 selected

Sorted by relevance 101 - 141 on 141

TYPE OF RESOURCES

- Attribute (141)

TOPICS

- Oceans (141)

KEYWORDS

- East Sea (26)
- NIFS Serial... (95)
- NIFS, Real-time,... (46)
- Oceans (141)
- South Sea (27)
- 10 more

CONTACT FOR THE RESOURCE

- National Institute... (46)
- National Institute... (26)
- National Institute... (25)
- National Institute... (25)
- NIFS / Korea... (141)
- 3 more

PROVIDED BY

- My GeoNetwork... (141)

REPRESENTATION TYPES

- Vector (141)

UPDATE FREQUENCIES

- Biannually (1)
- Continual (45)
- Monthly (95)

Categories [Anchor](#) ☆☆☆☆☆

Real-time Information System for Aquaculture environment (Geoje Irun Station)

On going

Real-time ocean monitoring buoy system mounted on cage culture at Geoje Irun Station. Observation itmes - Temperature, DO (observation depth: 5m). Position : 34.8038°N, 128.7094°E

In-Seong Han

Categories [Anchor](#) ☆☆☆☆☆

Real-time Information System for Aquaculture environment (Goseong Bongpo...

On going

Real-time ocean monitoring buoy system mounted on aquaculture barge at Goseong Bongpo Station. Observation items - Temperature (observation depth: 6m, 22m, 28m) DO (observation depth: 6m). Position : 38.2494°N, 128.6245°E

In-Seong Han

Categories [Anchor](#) ☆☆☆☆☆

Real-time Information System for Aquaculture environment (Gollido Station)

On going

Real-time ocean monitoring buoy system surface buoy platform at Gollido Station. Observation items - Sea Surface Temperature, Salinity, DO, Chlorophyll-a, Current, Air temperature, Atmospheric pressure, Wind. Position : 34.8054°N, 128.3217°E

In-Seong Han

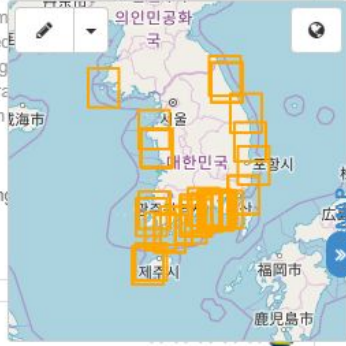
Categories [Anchor](#) ☆☆☆☆☆

Real-time Information System for Aquaculture environment (Guryongpo Hajeong...

On going

Real-time ocean monitoring buoy system surface buoy platform at Guryongpo Hajeong Station. Observation items - Sea Surface Temperature, Salinity, DO, Chlorophyll-a, Current, Air temperature, Atmospheric pressure, Wind. Position : 34.8054°N, 128.3217°E

In-Seong Han



61.41.81.135:8080/geonetwork/srv/eng/catalog.search#/home jories [Anchor](#) ☆☆☆☆☆

GeoNetwork open source based Metadata service

Activities of Korea DMDB during the last inter-sessional period

▶ NSO data

- Uploaded 1,154 profiles observed in 2024
- Bi-monthly offshore in-situ observation

▶ COO data

- Uploaded 1,558 data
- Daily data

▶ Metadata

- New metadata of 44 cruises

Future plans

- ▶ To upgrade Korea DMDB website
- ▶ To enhance service items
- ▶ To improve QC procedures



Thank you
!!!