

3.3.2 REPORT ON REGIONAL DELAYED MODE DATA BASE (RDMDB)

RDMDB Manager

Japan Oceanographic Data Center (JODC) has been operating RDMDB (Regional Delayed Mode Data Base: <http://near-goos1.jodc.go.jp/>) since October 1996, based on the recommendation of the first session of the NEAR-GOOS Coordinating Committee held in Bangkok in September, 1996.

Table 1: Data type and volume of NEAR-GOOS RDMDB

Type of Data	Description of Data	Volume(MB)
BATHY	Regional data sets of BATHY report	10.2
BATHY_G	Global BATHY	23.3
BUOY	Regional data sets of BUOY report	150.7
BUOY_G	Global BUOY	2,017.7
SHIP	Regional data sets of SHIP report	138.2
SHIP_G	Global SHIP	1,253.0
TESAC	Regional data sets of TESAC report	14.2
TESAC_G	Global TESAC	136.2
TRACKOB	Regional data sets of TRACKOB report	0.6
TRACKOB_G	Global TRACKOB	12.4
SUBST	Sub surface temperature decode result	387.6
SUBST_ERROR	Sub surface temperature decode error report	4.7
TS	Decoded sea surface and sub surface temperature and salinity data	277.1
GLBTS	Global TS	3,692.8
WIND	Wind decode result	100.9
WIND_ERROR	Wind decode error report	1.0
WIND2	Wind decode Data (format ver.2.0)	64.1
GLBWIND	Global WIND	895.9
SSTANL	Gridded Daily Sea Surface Temperature data in the Western North Pacific	95.7
DAILYSSST(JMA)	Daily sea surface temperature data analysis	87.0
WNPSST(JMA)	10-day mean sea surface temperature in the Western North Pacific	2.1
GLBSST(JMA)	Monthly mean sea surface temperature	2.1
ADJSUBS(JMA)	Monthly mean subsurface temperature in seas around Japan (100m,200m,400m)	6.0
PACSUBS(JMA)	Monthly mean subsurface temperature in Pacific (100m,200m,400m)	10.1
SSDH(JMA)	Analyzed sea surface Dynamic Height in the Pacific	69.1
SSHA(JMA)	Analyzed sea surface Height Anomalies in the Pacific	69.1
SEA_ICE	Sea Ice Concentration in the North-East Asia marginal Seas	137.8
MGDSST	Merged satellite and in-situ data Global Daily Sea Surface Temperature	350.1
GTSP	GTSP quality controlled subsurface temperature and salinity data provided by MEDS	60.9
FERHRI ship	Marine Meteorological observation data on board by FERHRI, Russia	3.7
FERHRI station	Marine Meteorological observation data at the station by FERHRI, Russia	0.2
JAFIC	Sea surface / subsurface temperature data from Japan Fisheries Information Service Center, Japan	35.8
PALACE	Subsurface temperature profile data observed by PALACE float Ocean Research Institute(ORI), Univ. of Tokyo University	0.1
TOHOKU_ Univ.	XBT data observed by Tohoku University	0.1
NOWPHAS	Coastal wave data by Port and Airport Research Institute	34.8
30s_TIDEST	30 sec. Interval sea level data at tide stations, Japan Coast Guard	4,135.1
TOTAL		14,280.2

36 different types of data files are provided by RDMDDB (Table 1). As of the end of September 2004, the total volume of oceanographic/marine meteorological data available on RDMDDB is more than 14GB. 33 types of data are transferred from RRTDB operated by Japan Meteorological Agency. The total volume of the data available on RDMDDB has increased by about 4GB for the past 11 months, compared to that at the end of October 2003, which was reported at the last session of NEAR-GOOS Coordinating Committee.

Based on the approval of the seventh session of NEAR-GOOS-CC, it has been possible to download the data from RDMDDB without registration, since 8 Nov. 2002. However, the number of the registration users for RDMDDB is increasing. The number of registration users of each country as of the end of September 2004 is shown in Table 2. The total number of registration users has increased by 60 for the intersessional period.

Table 2: Number of registrations.

	Japan	Korea	Russia	China	USA	UK	Others	Unknown	Total
Number of Registrations	191	29	26	23	21	3	15	6	314

At the last session of the NEAR-GOOS-CC, we reported that, as of the end of October 2004, 10,619 data files had been downloaded from RDMDDB since its establishment. After the last session, from November 2003 to September 2004, 2,955 data files were downloaded from RDMDDB. As a result, the total number of the downloaded files since the establishment reached 13,574, as of the end of September 2004. The monthly download numbers from each country are shown in Table 3.

Table 3: Number of data files downloaded every month from each country

	2003		2004									Total
	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	
Japan	100	92	8	8	3	9	84	9	9	60	110	492
Russia	2	7	14	8	125	3	55	31	39	20	44	348
Korea					11					4		15
China	3				961	7			1		6	978
Canada			3									3
Indonesia	24											24
USA				6	24					17	36	83
Germany				283				48				331
UK				1		23						24
India					6							6
Unknown	80	38	35	109	9	4	9	152	34	15	166	651
Total	209	137	60	415	1139	46	148	240	83	116	362	2955

In this year, many typhoon hit Japan, and, in addition, a couple of earthquakes occurred south of Japan in this summer. Tide data of 30-second intervals are used for the analysis of storm surges and tsunamis by several researchers.