

3.3.2 REPORT ON REGIONAL DELAYED MODE DATA BASE (RDMDB)

RDMDB Manager

Japan Oceanographic Data Center (JODC) has been operating RDMDB since October 1996, based on the recommendation of the first session of the NEAR-GOOS Coordinating Committee held in Bangkok in September, 1996.

32 different types of data files are handled by RDMDB (Table 1). As of the end of October 2003, the total volume of data is about 10GB.

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

Type of Data	Description of Data	Data Volume
BATHY	Regional Data Sets of BATHY Report	9.4 MB
BATHY_G	Global	14.8 MB
BUOY	Regional Data Sets of BUOY Report	114.7 MB
BUOY_G	Global	1,489.5 MB
SHIP	Regional Data Sets of SHIP Report	125.3 MB
SHIP_G	Global	947.6 MB
TESAC	Regional Data Sets of TESAC Report	9.9 MB
TESAC_G	Global	84.1 MB
TRACKOB	Regional Data Sets of TRACKOB Report	0.5 MB
TRACKOB_G	Global	4.8 MB
SSTANL(JMA)	Gridded Daily Sea Surface Temperature data in the Western North Pacific	95.7 MB
DAILY SST	Daily sea surface temperature data analysis	68.5 MB
GLBSST	Monthly mean sea surface temperatures, Normal and Standard deviations	1.7 MB
WNPSST	10-day mean sea surface temperature, Normal and Standard deviation	1.7 MB
ADJSUBS(JMA)	Monthly mean subsurface temperatures in seas around Japan(100m,200m,400)	4.5 MB
PACSUBS(JMA)	Monthly mean subsurface temperatures in Pacific(100m,200m,400)	7.7 MB
SUBST	Sub surface temperature decode result	314.4 MB
SUBST_ERROR	Sub surface temperature decode error report	4.5 MB
TS	Sea and sub surface temperature and salinity decode	176.6 MB
GLBTS	Global	2,307.9 MB
WIND	Wind decoded Data at RRTDB	84.2 MB
WIND_ERROR	Wind decoded ERROR Report	1.0 MB
WIND2	Wind decoded Data (format ver.2.0)	43.3 MB
GLBWIND	Global	601.1 MB
FERHRI ship	Marine Meteorological observation data on board by FERHRI, Russia	3.7 MB
FERHRI station	Marine Meteorological observation data at the station by FERHRI, Russia	0.2 MB
JAFIC	Sea surface / sub surface temp. data from Japan Fisheries Information Service Center (JAFIC), Japan	31.6 MB
PALACE	Sub surface temp. profile data observed by PALACE float from Ocean Research Institute (ORI), Univ. of Tokyo, Japan	0.1 MB
TOHOKU_ Univ.	XBT data observed by Tohoku University	0.1 MB
GTSP	GTSP Quality Controlled Subsurface Temperature and Salinity data provided by MEDS	25.3 MB
NOWPHAS	Coastal wave data by Port and Airport Research Institute	17.1 MB
30s*	30sec. interval sea level data at the tidal station, Japan Coast Guard	3,476.8 MB
Total		10,068.2 MB

The RDMDDB has received the wave data at 53 sites around Japan in 2001 from the Port and Airport Research Institute. Such data are now available on RDMDDB.

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. The number of registration users of each country as of 18 Nov. 2003 is shown in Table 2. The present total number of registration users, 254, is almost the same as that of the last year, 246.

Table 2: Number of Registrations.

Institution Country	Government	Education	Nonprofit Organization	Others	Total
Japan	57	49	17	36	159
China	10	4	1	1	16
Korea	3	13	2	7	25
Russia	24			2	26
USA	1	9		2	12
Others	7	4		5	16
Total	102	79	20	53	254

At the seventh session of the NEAR-GOOS-CC, we reported that the total number of the downloaded data files since the establishment of RDMDDB reached 6259 as of August 2002. After the last report, 4360 data files were downloaded from September 2002 to October 2003. As a result, the total number of downloaded files reaches 10619 as of the end of October 2003. The monthly download numbers from each country are shown in Table 3.

The file of 30-second interval tide data at Urakawa in September 2003 was downloaded 20 times in October 2003. That file includes Tsunami record generated by the Tokachi-oki Earthquake on 26 Sep. 2003.

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

	2002				2003										Total
	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	
Japan	166	162	168	42	62	21	22	604	91	151	68	8	3	148	1716
Russia	24	65	35	4	24	2	34	31	11		8	4	29		271
Korea		4							1			4		5	14
China					642	635						37			1314
Netherlands			145												145
Canada											14	210			224
Indonesia											14			13	27
USA														45	45
Germany														4	4
Unknown		41	9	7	4	3	4	48	22	50	39	41	54	278	600
Total	190	272	357	53	732	661	60	683	125	201	143	304	86	493	4360