

### 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.

Regarding the state of RDMDB data management by JODC as of the end of June 2001, the total volume of data is about 3GB. About 58% of the total volume are tidal data, and the remaining 42% mostly consist of water temperature data and wind data. 24 different types of data files are handled by RDMDB (Table 1).

**Table 1. Data type and volume of NEAR -GOOS RDMDB**

Types of Data	Description of Data	Data Volume
BATHY	Regional Data Sets of BATHY Report	8.6 MB
BATHY_G	Global Data Sets of Bathy Report	5.6 MB
BUOY	Regional Data Sets of BUOY Report	66.7 MB
BUOY_G	Global Data Sets of BUOY Report	397.5 MB
SHIP	Regional Data Sets of SHIP Report	99.9 MB
SHIP_G	Global Data Sets of Bathy Report	273.5 MB
TESAC	Regional Data Sets of TESAC Report	1.0 MB
TESAC_G	Global Data Sets of TESAC Report	16.0 MB
TRACKOB	Regional Data Sets of TRAKOB Report	0.4 MB
TRACKOB_G	Global Data Sets of TRACKOB Report	0.9 MB
SSTANL(JMA)	Gridded Daily Sea Surface Temperature data in the Western North Pacific	124.8 MB
GLBSST(JMA)	Monthly Mean Sea Surface Temperature	0.6 MB
WNPSST(JMA)	10 days Mean Sea Surface Temperature	0.6 MB
ADJSUBS(JMA)	Monthly Mean Subsurface Temperature in seas around JAPAN ( 100m,200m,400m )	0.3 MB
SUBST	Sub Surface Temperature decoded at RRTDB	183.1 MB
SUBST_ERROR	Sub Surface Temperature decoded Error Report	2.5 MB
PACSUBS(JMA)	Monthly Mean Subsurface Temperature in Pacific ( 100m,200m,400m )	2.0 MB
WIND	Wind decoded Data at RRTDB	49.2 MB
WIND_ERROR	Wind decoded Error Report	0.4 MB
FERHRI	Marine Meteorological observation data on board by FERHRI, Russia	2.6 MB
JAFIC	Sea Surface/Sub surface Temperature from JAFIC, Japan	17.8 MB
PALACE	Sub surface temperature profile observed by PALACE float operated by ORI, University of Tokyo, Japan	0.1 MB
TOHKU_Uv.	XBT data observed by Tohoku University	0.1 MB
30s*	30 sec interval tide data at the JHD tidal stations	1718.2 MB
Total of Data Volume		2972.4 MB

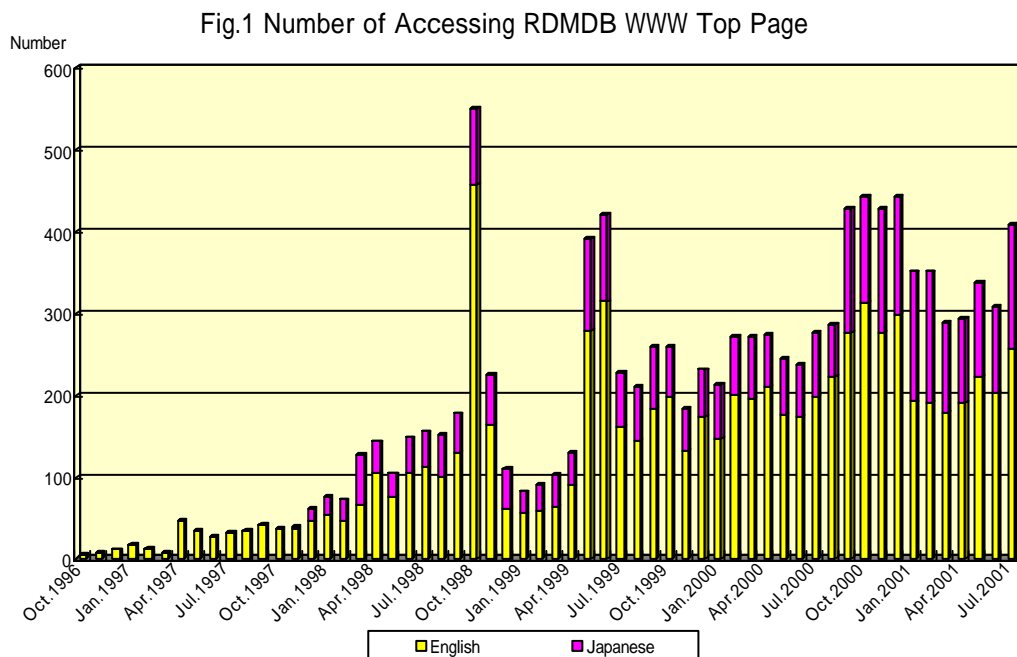
On 28 May 1999, we renewed the RDMDB homepage and simplified the way of users' registration, based on the change of the operation policy of NEAR-GOOS database that was decided

at the third session of NEAR-GOOS Coordinating Committee. Since then, 74 organizations and persons have registered for RDMDB. This brings the total number of the registration to 139. The number of registrations of each country is shown in Table 2. "Others" in Table 2 consists of Thailand, Malaysia, Pakistan, USA, and United Kingdom.

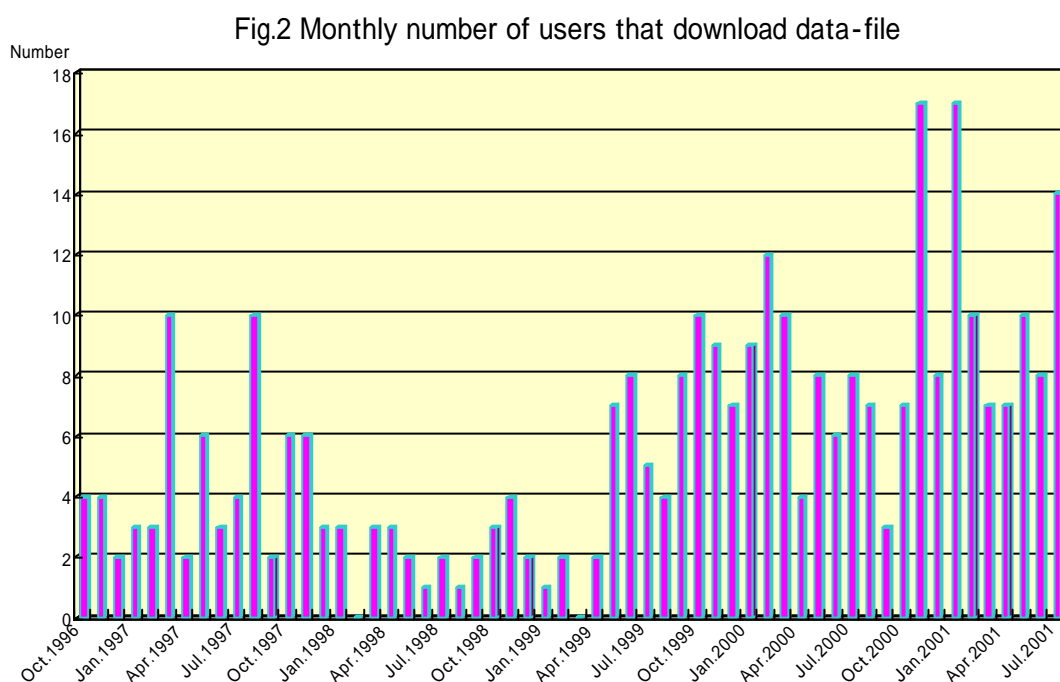
**Table 2. Number of Registrations.**

Institution Country	Government	Education	Nonprofit Organization	Others	Total
Japan	24	40	12	15	91
China	6	1	1	1	9
Korea	2	2		3	7
Russia	7			1	8
Others	4	7	1	12	24
Total	43	50	14	32	139

The number of the access to the top page of RDMDB is increasing gradually. Before the simplification of user registration, the number of the monthly access was under 100, but recently it reaches about 400 (Fig. 1). The RDMDB home pages are accessed by not only registered users, but the persons from all over the world visit the web site.



The number of users that download data files is also gradually increasing. Before May 1999, the average of the numbers of users in a month was only about 3, on the other hand, about 10 users download the data files every month, recently. Monthly number is shown in Fig. 2.



As the data file of RDMDB consists of data of one item in a month, when users download a data file, they get all data in a month. At the last session, we reported that the total number of the downloaded data files since RDMDB started reached 1977 as of November 2000. Since then, 1177 data files were downloaded for 8 months. The total number since RDMDB started reaches 3154. Monthly download number is shown in Table 3.

**Table 3. The number of monthly downloaded data files from each country**

	Dec. 2000	Jan. 2001	Feb. 2001	Mar. 2001	Apr. 2001	May 2001	June 2001	July 2001
Japan	75	181	44	13	44	13	35	113
China	0	0	460	0	0	2	0	10
Korea	0	32	0	4	0	0	0	3
Russia	0	4	2	14	73	22	7	7
USA	0	16	1	0	0	0	0	0
unknown	0	1	0	0	0	1	0	0
<b>Total</b>	<b>75</b>	<b>234</b>	<b>507</b>	<b>31</b>	<b>117</b>	<b>38</b>	<b>42</b>	<b>133</b>