Comparison of the amount of data in WOD18 with previous ocean databases.

Dataset	NODC (1974)[1]	NODC (1991)[2]	WOA94	WOD98	WOD01	WOD05	WOD09	WOD13	WOD18
OSD [3]	425,000	783,912	1,194,407	1,373,440	2,121,042	2,258,437	2,541,298	3,115,552	3,199,830
CTD [4]	n/a	66,450	89,000	189,555	311,943	443,953	641,845	848,911	1,040,223
MBT [5]	775,000	980,377	1,922,170	2,077,200	2,376,206	2,421,940	2,426,749	2,425,607	2,426,301
XBT	290,000	704,424	1,281,942	1,537,203	1,743,590	1,930,413	2,104,490	2,211,863	2,303,538
MRB	n/a	n/a	n/a	107,715	297,936	445,371	566,544	1,411,762	1,585,135
DRB	n/a	n/a	n/a	n/a	50,549	108,564	121,828	154,900	227,825
PFL	n/a	n/a	n/a	n/a	22,637	168,988	547,985	1,020,216	1,864,992
UOR	n/a	n/a	n/a	n/a	37,645	46,699	88,190	88,190	127,544
APB	n/a	n/a	n/a	n/a	75,665	75,665	88,583	1,427,610	1,804,605
GLD	n/a	n/a	n/a	n/a	n/a	338	5,857	103,798	1.148,699
Total Stations	**1,490,000**	**2,535,163**	**4,487,519**	**5,285,113**	**7,037,213**	**7,900,349**	**9,155,099**	**12,808,409**	**15,737,981**
Plankton				83,650	142,900	150,250	218,695	242,727	245,059
SUR [6]	n/a		n/a	n/a	4,743	9,178	9,178	9,289	9,289

[1] Based on statistics from *Climatological Atlas of the World Ocean* (1982).
[2] Based on NODC Temperature Profile CD-ROM.
[3] WOD18 OSD dataset includes data from 178,442 low-resolution CTD casts and 1,708 low-resolution XCTD casts.
[4] WOD18 CTD dataset includes data from 10,974 high-resolution XCTD casts.
[5] WOD18 MBT dataset includes data from 80,200 DBT profiles and 5,659 Micro-BT profiles.
[6] Surface data are represented differently than profile data in the WOD – all observations in a single cruise are combined into one “cast” with zero depth, values of measured variables along with latitude, longitude, and Julian year-day to identify and locate individual sets of observations.