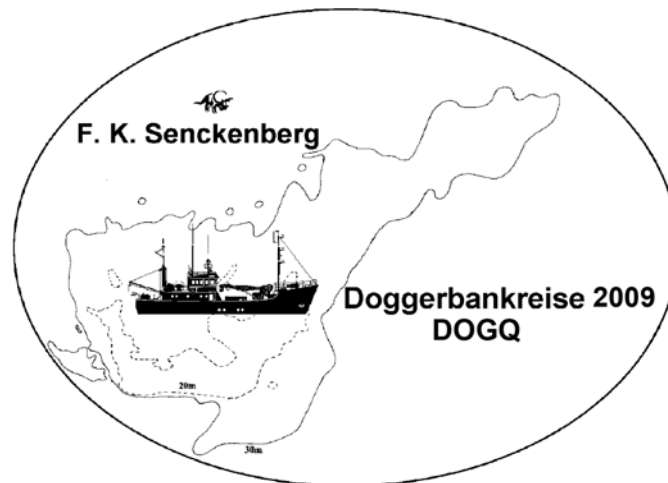




Report on the 2009 Dogger Bank cruise with R. V. Senckenberg

6. – 16. 8. 2009



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1. Aims and setting

The interannual variability of the epibenthic fauna of the Dogger Bank is a long term project of the Senckenberg-Institute since 1991. This project aims at gathering basic data which may form the background information for understanding presumed environmental changes. Therefore the study refers to 37 stations (see map in section 4) that are, whenever possible, sampled on a yearly basis in the same season with the same gear. The fauna is recorded quantitatively from each sample in order to allow studies on relative abundance. An important aspect is the recording of climate forced changes. This study therefore is also part of the scientific programme of the Research Centre "Biodiversity and Climate" funded by the state of Hessen. I thankfully acknowledge this support.

The present cruise forms the 17th of the series and gets the suffix DOG-Q. All former cruises were labelled after the alphabet with one letter starting with DOG-A in 1992. The first in 1991 was called DOG without any suffix.

2. Narrative

Due to technical reasons the start of the cruise had to be postponed until August 6, 2009. At 11.00 CEST (UTC+2), the vessel left Cuxhaven and headed towards the main working area, the Doggerbank.

Station 14 (see station map) was reached on August 07, 2009 at 12.03 CEST. At this and the following stations salinity and water temperature of the surface were measured with an electronic probe. In addition, current velocity and direction were measured with a RCM9-probe in three different depths: close to the sea bottom, at the estimated middle of the water column, and at the surface. Subsequently one sample with a 2m-beam-trawl was taken, towed for 2 kn of speed on a length of one nautical mile. Until the end of the day five stations were sampled (14, 13a, 4, 3, 5). At the following day (August 8, 2009) eight stations (6, 7, 8, 9, 10, 11, 12, 17) could be sampled. Work was continued on the next day (August 9, 2009) from 07.30 on and 8 stations were sampled (18, 20, 16, 22, 15, 23, 26, 21). On the next day (August 10, 2009) altogether eight stations were sampled (28, 27, 24, 25, 32, 33, 31, 29). Most of the remaining stations could be sampled the next day (August 11, 2009), i. e. seven stations (30, 35, 34, 36, 37, 38, 39). On August 12, 2009, 0.00h, a 48 hours sampling on station 40 (at a sampling sequence of 3 hours, respectively) was started. The sampling ended with the last trawl of the series on August 13, 2009, 21.40h. The vessel then headed towards Helgoland.

Helgoland was reached on August 14, 2009 at 16.00. On the next day (August 15, 2009), the vessel headed towards the Helgoland Trench south of the island, but due to increasing winds up to gale BFT 7-8, the research programme for this day was cancelled and the RV Senckenberg re-entered Helgoland south port.

On the next day work could continue due to decreasing winds. The RV Senckenberg left Helgoland south port and headed towards the Helgoland Trench on August 16, 2009, 7.30h. The working area was reached at 08.19h. The Beam Trawl was deployed once on the routine station sampled by us regularly. The aim of this work was to collect epibenthos-material in order to complement to life-cycle studies of decapod crustaceans of the German Bight. After this, the vessel headed towards the second sampling area "Langes Riff" in front of the island of Wangerooge which was reached at 11.27. A beamtrawl-sample was taken on a routine station. This work was finished at 11.48 and the vessel headed towards her home port Wilhelmshaven, which was reached at 15.00.

3. Methods:

For measuring environmental parameters a RCM9 probe was used. The Probe was activated and then lowered to the seafloor, where it was kept recording for two minutes. Then it was hauled to the estimated middle of the water column where it remained again for two minutes. Finally it was heaved right beneath the sea surface, recording again for two minutes. During this measurement cycle, current speed, current direction, temperature, conductivity, pressure and turbidity were recorded. These values can be found in section 5 of this report.

Epibenthos was collected with a 2m beam trawl with a tickler chain and a chain in the bottom rope. The minimum mesh size in the cod-end was 1 cm, so that animals above that size were collected quantitatively. The trawl was towed for 1 nautical mile at a speed of 2 knots. The sample was secured quantitatively (as far as possible) and washed through a set of sieves with 1 cm maximum and 1 mm minimum mesh size, respectively. The 1 cm-fraction was identified and counted on board the vessel, organisms not readily identifiable were preserved and taken back to the home laboratory. The smaller fractions were also preserved and taken back for qualitative analysis.

4. Station list

Abbreviations: BMT = Beam Trawl, HTR = Helgoland trench, LR = Langes Riff., RCM = Current profiler – All depths in metres.

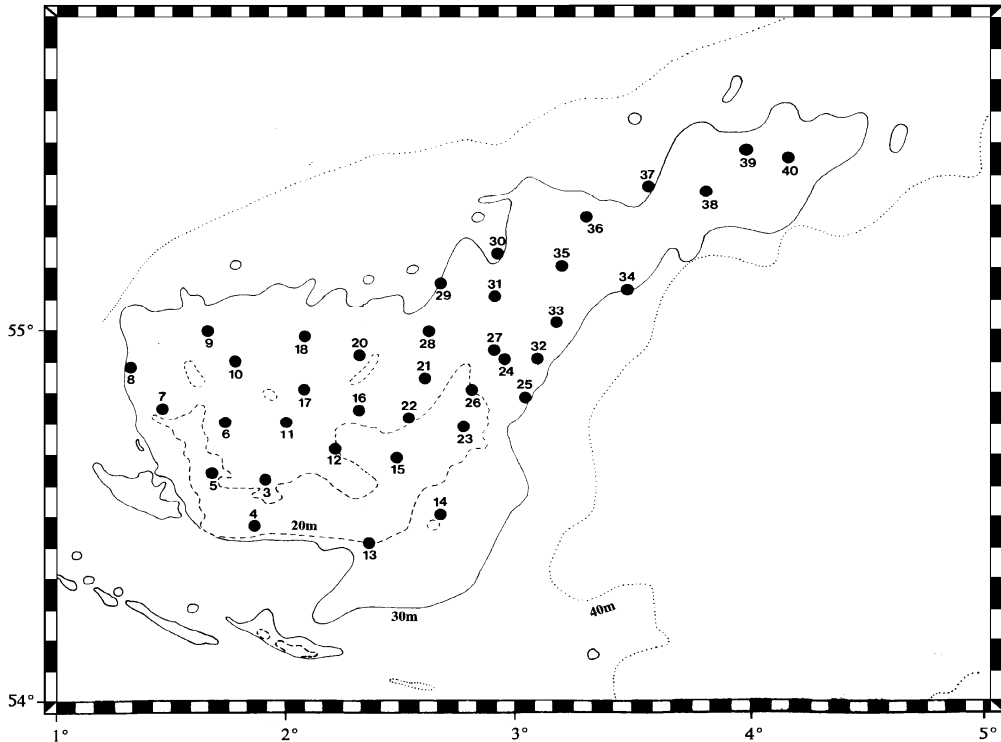
Station	Gear	Date	Start [°N]	Start [°E]	Time Start	End [°N]	End [°E]	Time End	Depth frm [m]	Depth to [m]
DogQ-3	RCM	07.08.2009	54°36,123N	1°54,878E	18:13	54°36,140N	1°54,828E	18:18	21,6	22,0
DogQ-3	BMT	07.08.2009	54°36,111N	1°54,420E	18:27	54°36,260N	1°52,927E	18:55	20,4	23,5
DogQ-4	RCM	07.08.2009	54°28,754N	1°51,795E	16:25	54°28,727N	1°51,758E	16:31	16,7	16,8
DogQ-4	BMT	07.08.2009	54°29,079N	1°51,841E	16:43	54°30,064N	1°52,375E	17:08	17,0	17,8
DogQ-5	RCM	07.08.2009	54°37,222N	1°41,833E	19:50	54°37,252N	1°41,896E	19:56	21,9	22,3
DogQ-5	BMT	07.08.2009	54°37,456N	1°42,076E	20:05	54°38,743N	1°42,483E	20:34	19,3	21,2
DogQ-6	RCM	08.08.2009	54°45,460N	1°43,9E	07:36	54°45,451N	1°43,998E	07:42	24,3	24,4
DogQ-6	BMT	08.08.2009	54°45,499N	1°43,323E	07:50	54°45,747N	1°41,662E	08:19	25,3	26,3
DogQ-7	RCM	08.08.2009	54°47,916N	1°27,053E	09:27	54°47,938N	1°27,019E	09:33	24,6	24,7
DogQ-7	BMT	08.08.2009	54°48,103N	1°26,741E	09:40	54°48,952N	1°25,705E	10:11	25,7	26,1
DogQ-8	RCM	08.08.2009	54°53,963N	1°19,093E	11:00	54°54,044N	1°19,093E	11:06	27,9	28,3
DogQ-8	BMT	08.08.2009	54°54,249N	1°19,413E	11:13	54°54,664N	1°21,180E	11:46	25,7	26,5
DogQ-9	RCM	08.08.2009	54°59,742N	1°39,216E	13:13	54°59,798N	1°39,276E	13:19	26,5	27,0
DogQ-9	BMT	08.08.2009	54°59,684N	1°39,594E	13:25	54°58,951N	1°40,645E	13:54	24,9	26,1
DogQ-10	RCM	08.08.2009	54°55,305N	1°46,756E	14:34	54°55,375N	1°46,776E	14:40	22,2	23,0
DogQ-10	BMT	08.08.2009	54°55,195N	1°47,022E	14:46	54°54,228N	1°48,000E	15:15	22,1	24,3
DogQ-11	RCM	08.08.2009	54°45,486N	2°00,415E	16:41	54°45,488N	2°00,382E	16:47	28,5	28,6
DogQ-11	BMT	08.08.2009	54°45,359N	2°00,691E	16:54	54°44,839N	2°02,253E	17:24	26,4	28,9
DogQ-12	RCM	08.08.2009	54°41,608N	2°12,743E	18:17	54°41,824N	2°12,821E	18:22	21,3	21,9
DogQ-12	BMT	08.08.2009	54°41,884N	2°12,819E	18:30	54°42,868N	2°12,300E	19:01	20,7	21,0
DogQ-13	RCM	07.08.2009	54°25,996N	2°21,491E	14:00	54°25,997N	2°21,431E	14:06	18,4	19,0
DogQ-13	BMT	07.08.2009	54°26,043N	2°20,772E	14:15	54°26,224N	2°19,166E	14:39	17,1	18,9
DogQ-14	RCM	07.08.2009	54°30,895N	2°40,439E	12:03	54°30,839N	2°40,512E	12:09	20,7	21,0
DogQ-14	BMT	07.08.2009	54°30,543N	2°40,148E	12:21	54°30,020N	2°38,794E	12:44	20,1	20,8
DogQ-15	RCM	09.08.2009	54°39,849N	2°29,084E	14:00	54°39,884N	2°28,923E	14:06	17,7	17,9

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Station	Gear	Date	Start [°N]	Start [°E]	Time Start	End [°N]	End [°E]	Time End	Depth frm [m]	Depth to [m]
DogQ-15	BMT	09.08.2009	54°39,970N	2°29,267E	14:13	54°40,367N	2°30,829E	14:42	17,5	17,6
DogQ-16	RCM	09.08.2009	54°47,536N	2°19,163E	11:01	54°47,573N	2°19,203E	11:08	20,6	20,8
DogQ-16	BMT	09.08.2009	54°47,557N	2°19,697E	11:18	54°47,228N	2°21,397E	11:48	20,3	20,8
DogQ-17	RCM	08.08.2009	54°50,617N	2°09,317E	20:14	54°50,603N	2°05,346E	20:20	20,5	20,8
DogQ-17	BMT	08.08.2009	54°50,793N	2°05,516E	20:27	54°51,790N	2°05,867E	20:57	20,7	21,4
DogQ-18	RCM	09.08.2009	54°59,315N	2°05,590E	07:37	54°59,320N	2°05,581E	07:43	26,7	26,7
DogQ-18	BMT	09.08.2009	54°59,202N	2°05,972E	07:52	54°58,792N	2°07,628E	08:21	26,0	26,5
DogQ-20	RCM	09.08.2009	54°56,187N	2°19,697E	09:18	54°56,160N	2°19,788E	09:25	26,4	26,4
DogQ-20	BMT	09.08.2009	54°55,883N	2°19,803E	09:32	54°54,858N	2°19,741E	10:02	24,8	26,1
DogQ-21	RCM	09.08.2009	54°52,356N	2°36,332E	18:54	54°52,457N	2°36,245E	19:00	21,7	21,7
DogQ-21	BMT	09.08.2009	54°52,807N	2°36,324E	19:07	54°53,855N	2°36,662E	19:36	22,0	22,6
DogQ-22	RCM	09.08.2009	54°46,146N	2°32,269E	12:34	54°46,167N	2°32,266E	12:40	20,6	20,7
DogQ-22	BMT	09.08.2009	54°46,000N	2°32,199E	12:46	54°44,898N	2°31,765E	13,21	20,0	20,4
DogQ-23	RCM	09.08.2009	54°44,409N	2°45,795E	15:57	54°44,480N	2°45,673E	16:03	16,6	16,9
DogQ-23	BMT	09.08.2009	54°44,725N	2°45,597E	16:09	54°45,784N	2°45,651E	16:40	16,7	17,0
DogQ-24	RCM	10.08.2009	54°55,679N	2°57,065E	10:24	54°55,717N	2°57,161E	10:30	21,3	22,0
DogQ-24	BMT	10.08.2009	54°55,596N	2°57,492E	10:36	54°54,896N	2°58,393E	11:06	20,9	21,0
DogQ-25	RCM	10.08.2009	54°49,230N	3°03,342E	12:11	54°49,286N	3°03,503E	12:17	27,9	28,0
DogQ-25	BMT	10.08.2009	54°49,461N	3°03,752E	12:23	54°50,322N	3°05,400E	12:57	27,7	28,2
DogQ-26	RCM	09.08.2009	54°50,633N	2°48,414E	17:22	54°50,743N	2°48,348E	17:28	18,4	18,6
DogQ-26	BMT	09.08.2009	54°50,933N	2°47,953E	17:35	54°51,303N	2°46,257E	18:06	18,6	18,7
DogQ-27	RCM	10.08.2009	54°57,078N	2°53,607E	09:23	54°57,126N	2°53,772E	09:28	22,6	23,2
DogQ-27	BMT	10.08.2009	54°57,056N	2°54,127E	09:34	54°56,474N	2°55,576E	10:02	22,0	22,9
DogQ-28	RCM	10.08.2009	55°00,266N	2°37,699E	07:29	55°00,323N	2°37,690E	07:37	26,3	26,5
DogQ-28	BMT	10.08.2009	55°00,272N	2°38,040E	07:43	54°59,888N	2°39,698E	08:13	24,5	25,9
DogQ-29	RCM	10.08.2009	55°07,666N	2°40,408E	18:45	55°07,751N	2°40,363E	18:54	25,9	26,2
DogQ-29	BMT	10.08.2009	55°08,007N	2°40,692E	19:02	55°08,808N	2°41,822E	19:29	24,3	25,8
DogQ-30	RCM	11.08.2009	55°12,350N	2°55,526E	07:31	55°12,267N	2°55,466E	07:38	29,8	30,0
DogQ-30	BMT	11.08.2009	55°12,309N	2°55,801E	07:45	55°12,743N	2°57,282E	08:14	29,1	32,0
DogQ-31	RCM	10.08.2009	55°05,592N	2°54,620E	16:48	55°05,681N	2°54,611E	16:54	27,5	28,3
DogQ-31	BMT	10.08.2009	55°05,598N	2°54,433E	17:00	55°05,347N	2°52,505E	17:30	24,4	26,3
DogQ-32	RCM	10.08.2009	54°55,462N	3°05,977E	13:39	54°55,525N	3°06,005E	13:35	21,4	21,7
DogQ-32	BMT	10.08.2009	54°55,703N	3°06,212E	13:51	54°56,610N	3°07,300E	14:20	21,5	21,9
DogQ-33	RCM	10.08.2009	55°01,525N	3°10,275E	14:58	55°01,630N	3°10,268E	15:04	21,8	21,9
DogQ-33	BMT	10.08.2009	55°01,832N	3°10,038E	15:10	55°03,100N	3°09,343E	15:43	22,1	22,2
DogQ-34	RCM	11.08.2009	55°06,508N	3°28,438E	11:32	55°06,451N	3°28,480E	11:38	26,5	27,4
DogQ-34	BMT	11.08.2009	55°06,614N	3°28,359E	11:46	55°07,586N	3°27,827E	12:15	25,2	26,4
DogQ-35	RCM	11.08.2009	54°10,558N	3°11,776E	09:46	55°10,484N	3°11,810E	09:52	27,5	27,9
DogQ-35	BMT	11.08.2009	55°10,371N	3°12,246E	10:00	55°09,787N	3°13,606E	10:27	27,6	28,3
DogQ-36	RCM	11.08.2009	55°18,277N	3°18,926E	13:54	55°18,224N	3°18,984E	14:01	26,2	26,4
DogQ-36	BMT	11.08.2009	55°18,232N	3°19,297E	14:07	55°18,604N	3°21,214E	14:40	25,6	26,0
DogQ-37	RCM	11.08.2009	55°23,060N	3°33,975E	15:45	55°23,034N	3°34,026E	15:51	28,3	28,8
DogQ-37	BMT	11.08.2009	55°22,946N	3°34,349E	15:57	55°22,606N	3°35,939E	16:25	27,3	28,5

R. V. *SENCKENBERG*, Cruise-Report Doggerbank-Cruise August_2009

Station	Gear	Date	Start [°N]	Start [°E]	Time Start	End [°N]	End [°E]	Time End	Depth frm [m]	Depth to [m]
DogQ-38	RCM	11.08.2009	55°22,555N	3°47,920E	17:18	55°22,527N	3°47,880E	17:25	26,3	26,7
DogQ-38	BMT	11.08.2009	55°22,683N	3°48,063E	17:30	55°22,942N	3°49,831E	18:00	27,1	27,2
DogQ-39	RCM	11.08.2009	55°28,949N	3°58,346E	19:00	55°28,994N	3°58,373E	19:08	29,1	29,3
DogQ-39	BMT	11.08.2009	55°29,139N	3°58,040E	19:14	55°29,754N	3°57,087E	19:39	29,3	30,3
DogQ-40-1	RCM	12.08.2009	55°27,618N	4°08,747E	00:00	55°27,655N	4°08,832E	00:06	27,7	28,2
DogQ-40-1	BMT	12.08.2009	55°27,737N	4°08,660E	00:13	55°28,084N	4°06,942E	00:46	27,4	28,5
DogQ-40-2	RCM	12.08.2009	55°28,119N	4°07,064E	03:00	55°28,105N	4°07,225E	03:06	26,9	27,3
DogQ-40-2	BMT	12.08.2009	55°28,024N	4°07,366E	03:16	55°27,684N	4°08,939E	03:44	27,5	27,7
DogQ-40-3	RCM	12.08.2009	55°27,677N	4°08,677E	06:00	55°27,681N	4°08,740E	06:06	27,1	27,9
DogQ-40-3	BMT	12.08.2009	55°27,676N	4°08,434E	06:13	55°28,063N	4°06,843E	06:39	27,4	27,7
DogQ-40-4	RCM	12.08.2009	55°28,068N	4°06,935E	09:00	55°28,037N	4°06,937E	09:06	28,0	28,4
DogQ-40-4	BMT	12.08.2009	55°28,040N	4°07,145E	09:14	55°27,713N	4°08,629E	09:40	27,5	28,2
DogQ-40-5	RCM	12.08.2009	55°27,582N	4°08,650E	12:00	55°27,547N	4°08,747E	12:06	27,8	28,1
DogQ-40-5	BMT	12.08.2009	55°27,733N	4°08,696E	12:16	55°28,071N	4°06,933E	12:48	27,7	27,9
DogQ-40-6	RCM	12.08.2009	55°28,143N	4°06,880E	15:00	55°28,139N	4°06,968E	15:06	26,9	27,4
DogQ-40-6	BMT	12.08.2009	55°28,078N	4°06,906E	15:14	55°27,735N	4°08,660E	15:42	27,5	27,6
DogQ-40-7	RCM	12.08.2009	55°27,699N	4°09,047E	18:00	55°27,545N	4°09,048E	18:06	27,7	27,9
DogQ-40-7	BMT	12.08.2009	55°27,780N	4°08,857E	18:19	55°28,086N	4°06,879E	18:43	26,9	27,5
DogQ-40-8	RCM	12.08.2009	55°28,088N	4°06,889E	21:00	55°28,062N	4°06,897E	21:06	27,8	28,0
DogQ-40-8	BMT	12.08.2009	55°28,127N	4°07,117E	21:15	55°27,723N	4°08,744E	21:45	27,5	28,0
DogQ-40-9	RCM	13.08.2009	55°27,566N	4°06,614E	00:00	55°27,562N	4°08,802E	00:06	26,9	28,2
DogQ-40-9	BMT	13.08.2009	55°27,758N	4°08,684E	00:12	55°28,071N	4°06,942E	00:45	27,1	28,1
DogQ-40-10	RCM	13.08.2009	55°28,069N	4°06,678E	03:00	55°28,000N	4°06,852E	03:06	27,2	27,9
DogQ-40-10	BMT	13.08.2009	55°28,056N	4°07,058E	03:14	55°27,744N	4°08,645E	03:40	27,8	27,9
DogQ-40-11	RCM	13.08.2009	55°27,675N	4°08,764E	06:00	54°27,677N	4°08,735E	06:06	27,2	28,2
DogQ-40-11	BMT	13.08.2009	55°27,681N	4°08,447E	06:12	55°28,083N	4°06,902E	06:41	27,0	27,7
DogQ-40-12	RCM	13.08.2009	55°28,055N	4°06,870E	09:00	55°27,028N	4°06,798E	09:06	27,7	28,1
DogQ-40-12	BMT	13.08.2009	55°27,777N	4°07,043E	09:10	55°27,723N	4°08,686E	09:40	28,0	28,3
DogQ-40-13	RCM	13.08.2009	55°27,712N	4°08,669E	11:55	55°27,698N	4°08,658E	12:01	27,5	27,6
DogQ-40-13	BMT	13.08.2009	55°27,734N	4°08,601E	12:14	55°28,080N	4°06,941E	12:44	28,1	28,4
DogQ-40-14	RCM	13.08.2009	55°28,100N	4°06,733E	15:00	55°28,065N	4°06,789E	15:06	27,3	28,5
DogQ-40-14	BMT	13.08.2009	55°28,073N	4°06,975E	15:16	55°27,740N	4°08,651E	15:44	27,4	27,7
DogQ-40-15	RCM	13.08.2009	55°27,691N	4°08,757E	17:57	55°27,623N	4°08,727E	18:04	27,5	27,9
DogQ-40-15	BMT	13.08.2009	55°27,701N	4°08,541E	18:13	55°28,094N	4°06,873E	18:19	27,6	27,7
DogQ-40-16	RCM	13.08.2009	55°28,114N	4°06,895E	20:56	55°28,139N	4°06,912E	21:03	27,6	28,2
DogQ-40-16	BMT	13.08.2009	55°28,050N	4°07,000E	21:10	55°27,727N	4°08,697E	21:40	27,7	27,7
DogQ HTR21	BMT	16.08.2009	54°08,778N	7°51,598E	08:19	54°08,754N	7°53,345E	08:50	51,4	55,7
DogQ LR	BMT	16.08.2009	53°49,673N	7°51,737E	11:27	53°49,200N	7°52,616E	11:48	9,0	11,2



Station map of Doggerbank cruises

5. RCM9 data

Station	Date&Time (CEST)	Current speed [cm/s]	Current direction [°M]	Temperature [°C]	Conductivity [mS/cm]	Pressure [kPa]	Turbidity [NTU]
DogQ-3	07.08.2009 18:11:00	26,6903	94,5804	16,8779	78,0433	344,302	0,3671
DogQ-3	07.08.2009 18:11:30	13,7851	109,348	16,8779	78,0433	339,369	2,51246
DogQ-3	07.08.2009 18:12:00	34,0228	55,5528	16,8532	78,0433	338,665	0,44283
DogQ-3	07.08.2009 18:12:30	43,1151	29,5344	16,8532	78,0433	338,665	0,39235
DogQ-3	07.08.2009 18:13:00	45,7548	23,5572	16,8532	78,0433	256,156	0,39235
DogQ-3	07.08.2009 18:13:30	45,4615	27,0732	16,8532	78,0433	254,744	0,34186
DogQ-3	07.08.2009 18:14:00	33,4362	70,32	16,8532	78,0433	252,627	0,39235
DogQ-3	07.08.2009 18:14:30	34,9027	55,9044	16,8532	78,0433	255,45	0,34186
DogQ-3	07.08.2009 18:15:00	26,9836	64,6944	16,8532	78,0433	196,135	0,34186
DogQ-3	07.08.2009 18:15:30	25,8104	114,622	17,0503	78,2614	105,627	0,26613
DogQ-3	07.08.2009 18:16:00	82,4173	130,092	17,075	78,2614	107,043	0,29138
DogQ-3	07.08.2009 18:16:30	96,4957	133,256	17,075	78,2614	105,627	0,29138
DogQ-3	07.08.2009 18:17:00	82,4173	135,366	17,075	78,2614	108,458	0,29138
DogQ-4	07.08.2009 16:23:30	12,0253	202,17	16,9271	78,0433	232,155	0,1904
DogQ-4	07.08.2009 16:24:00	34,6094	309,408	16,7794	78,0433	287,905	0,1904
DogQ-4	07.08.2009 16:24:30	24,0506	345,271	16,7794	78,0433	283,672	0,29138
DogQ-4	07.08.2009 16:25:00	42,5285	325,933	16,7548	78,0433	285,083	0,34186
DogQ-4	07.08.2009 16:25:30	31,9697	332,965	16,7548	77,9706	287,905	0,34186
DogQ-4	07.08.2009 16:26:00	27,5702	308,705	16,7548	78,0433	159,384	0,34186
DogQ-4	07.08.2009 16:26:30	49,861	320,659	16,7548	78,0433	163,626	0,24089
DogQ-4	07.08.2009 16:27:00	38,129	332,262	16,7548	78,0433	159,384	0,1904
DogQ-4	07.08.2009 16:27:30	36,0759	337,184	16,7794	78,0433	159,384	0,1904

Station	Date&Time (CEST)	Current speed [cm/s]	Current direction [°M]	Temperature [°C]	Conductivity [mS/cm]	Pressure [kPa]	Turbidity [NTU]
DogQ-4	07.08.2009 16:28:00	41,9419	359,335	16,7548	78,0433	110,581	0,24089
DogQ-4	07.08.2009 16:28:30	26,6903	37,9728	16,7794	78,0433	112,704	0,1904
DogQ-4	07.08.2009 16:29:00	32,8496	77,7036	16,7794	78,0433	108,458	0,1904
DogQ-4	07.08.2009 16:29:30	30,5032	84,7356	16,7794	78,0433	111,288	0,26613
DogQ-4	07.08.2009 16:30:00	26,6903	78,7584	16,7548	78,0433	108,458	0,29138
DogQ-5	07.08.2009 19:49:00	24,3439	48,1692	16,4111	77,4616	347,12	0,13991
DogQ-5	07.08.2009 19:49:30	17,8913	98,448	16,3621	77,4616	347,12	0,1904
DogQ-5	07.08.2009 19:50:00	39,5955	47,466	16,3376	77,4616	345,006	0,24089
DogQ-5	07.08.2009 19:50:30	42,8218	32,6988	16,3376	77,4616	345,711	2,361
DogQ-5	07.08.2009 19:51:00	46,6347	14,4156	16,3131	77,4616	275,207	0,24089
DogQ-5	07.08.2009 19:51:30	46,6347	67,5072	16,3621	77,5343	239,215	0,16516
DogQ-5	07.08.2009 19:52:00	53,3806	84,384	16,3376	77,5343	238,509	0,16516
DogQ-5	07.08.2009 19:52:30	18,7712	69,9684	16,3376	77,5343	242,039	0,24089
DogQ-5	07.08.2009 19:53:00	20,8243	333,317	16,3376	77,5343	242,745	0,24089
DogQ-5	07.08.2009 19:53:30	26,1037	315,737	16,4847	77,7525	108,458	0,1904
DogQ-5	07.08.2009 19:54:00	21,4109	284,796	16,5828	77,7525	109,873	0,13991
DogQ-5	07.08.2009 19:54:30	14,9583	246,12	16,5828	77,7525	111,288	0,13991
DogQ-5	07.08.2009 19:55:00	19,0645	239,44	16,6074	77,7525	109,873	0,13991
DogQ-6	08.08.2009 07:35:00	39,0089	233,814	16,8286	77,8252	246,98	0,13991
DogQ-6	08.08.2009 07:35:30	37,5424	178,613	16,6319	77,8252	249,804	0,1904
DogQ-6	08.08.2009 07:36:00	42,2352	201,818	16,6319	77,8252	250,509	0,1904
DogQ-6	08.08.2009 07:36:30	49,2744	203,576	16,6074	77,8252	249,804	0,24089
DogQ-6	08.08.2009 07:37:00	46,6347	204,983	16,5828	77,8252	184,83	0,1904
DogQ-6	08.08.2009 07:37:30	48,1012	200,412	16,7548	77,9706	183,416	0,13991
DogQ-6	08.08.2009 07:38:00	42,5285	193,028	16,7794	77,9706	184,83	0,11467
DogQ-6	08.08.2009 07:38:30	36,0759	187,754	16,7548	77,8979	185,536	0,13991
DogQ-6	08.08.2009 07:39:00	27,5702	178,613	16,7302	77,8979	186,243	0,13991
DogQ-6	08.08.2009 07:39:30	21,4109	171,581	16,7794	77,9706	105,627	0,29138
DogQ-6	08.08.2009 07:40:00	15,5449	140,288	16,804	77,9706	109,873	0,11467
DogQ-6	08.08.2009 07:40:30	10,2655	147,672	16,804	77,9706	110,581	0,13991
DogQ-6	08.08.2009 07:41:00	5,2794	146,969	16,804	77,9706	113,411	0,11467
DogQ-7	08.08.2009 09:26:00	58,9533	189,864	16,2886	77,3889	222,976	0,13991
DogQ-7	08.08.2009 09:26:30	71,2719	130,092	16,1907	77,3889	235,685	0,1904
DogQ-7	08.08.2009 09:27:00	63,3528	125,17	16,1663	77,3889	238,509	0,1904
DogQ-7	08.08.2009 09:27:30	43,4084	126,928	16,1663	77,3889	237,097	0,1904
DogQ-7	08.08.2009 09:28:00	48,1012	120,247	16,1663	77,4616	162,919	0,24089
DogQ-7	08.08.2009 09:28:30	53,6739	104,777	16,3621	77,607	162,919	0,13991
DogQ-7	08.08.2009 09:29:00	45,1682	89,3064	16,4356	77,607	163,626	0,11467
DogQ-7	08.08.2009 09:29:30	33,7295	75,594	16,4111	77,607	162,919	0,13991
DogQ-7	08.08.2009 09:30:00	27,2769	67,5072	16,4356	77,607	162,212	0,11467
DogQ-7	08.08.2009 09:30:30	29,33	65,046	16,4847	77,607	110,581	0,11467
DogQ-7	08.08.2009 09:31:00	35,7826	79,4616	16,4847	77,607	107,75	0,11467
DogQ-7	08.08.2009 09:31:30	34,6094	101,612	16,4847	77,607	111,996	0,11467
DogQ-7	08.08.2009 09:32:00	34,9027	119,896	16,4847	77,607	108,458	0,11467
DogQ-8	08.08.2009 10:57:30	63,9394	342,81	16,9025	77,607	234,979	0,1904
DogQ-8	08.08.2009 10:58:00	12,3186	117,083	15,2407	76,2255	328,798	0,11467
DogQ-8	08.08.2009 10:58:30	15,5449	254,558	14,8289	76,0074	328,798	0,1904
DogQ-8	08.08.2009 10:59:00	27,8635	260,536	14,7323	75,9347	325,979	0,29138
DogQ-8	08.08.2009 10:59:30	37,2491	274,951	14,6598	75,9347	326,684	0,29138

Station	Date&Time (CEST)	Current speed [cm/s]	Current direction [°M]	Temperature [°C]	Conductivity [mS/cm]	Pressure [kPa]	Turbidity [NTU]
DogQ-8	08.08.2009 11:00:00	27,8635	265,458	14,8289	76,8799	257,567	0,34186
DogQ-8	08.08.2009 11:00:30	11,732	243,307	15,5808	76,8072	255,45	0,11467
DogQ-8	08.08.2009 11:01:00	18,1846	239,44	15,5322	76,8072	254,038	0,11467
DogQ-8	08.08.2009 11:01:30	13,4918	183,184	15,5808	76,8072	252,627	0,13991
DogQ-8	08.08.2009 11:02:00	31,6764	166,307	15,6538	77,1708	193,309	0,13991
DogQ-8	08.08.2009 11:02:30	51,9141	157,868	16,7057	77,9706	107,75	0,11467
DogQ-8	08.08.2009 11:03:00	37,2491	126,224	16,6811	77,8979	107,75	0,11467
DogQ-8	08.08.2009 11:03:30	28,4501	114,27	16,8286	77,9706	105,627	0,11467
DogQ-8	08.08.2009 11:04:00	26,6903	104,777	16,8286	77,9706	107,75	0,11467
DogQ-9	08.08.2009 13:12:00	45,7548	221,508	17,4952	77,607	254,744	-0,2136
DogQ-9	08.08.2009 13:12:30	19,9444	284,796	16,804	77,8252	254,744	-0,2136
DogQ-9	08.08.2009 13:13:00	21,1176	267,216	16,7302	77,8252	255,45	0,13991
DogQ-9	08.08.2009 13:13:30	17,3047	262,997	16,7057	77,8252	255,45	0,11467
DogQ-9	08.08.2009 13:14:00	18,7712	265,106	16,6811	77,8252	249,804	0,13991
DogQ-9	08.08.2009 13:14:30	24,0506	281,632	16,804	77,9706	166,454	0,13991
DogQ-9	08.08.2009 13:15:00	15,8382	274,248	16,7548	77,8979	167,161	0,13991
DogQ-9	08.08.2009 13:15:30	17,8913	278,819	16,7302	77,8979	167,161	0,13991
DogQ-9	08.08.2009 13:16:00	17,3047	290,422	16,7302	77,8979	167,161	0,11467
DogQ-9	08.08.2009 13:16:30	26,1037	323,472	16,9271	78,4796	108,458	0,11467
DogQ-9	08.08.2009 13:17:00	29,6233	22,5024	17,2972	78,3341	108,458	0,11467
DogQ-9	08.08.2009 13:17:30	37,2491	25,6668	17,1737	78,4068	107,75	0,11467
DogQ-9	08.08.2009 13:18:00	45,1682	26,0184	17,2972	78,2614	104,92	0,11467
DogQ-10	08.08.2009 14:32:00	24,3439	300,97	18,9927	78,116	167,161	0,29138
DogQ-10	08.08.2009 14:32:30	19,9444	10,1964	16,5092	77,607	286,494	0,29138
DogQ-10	08.08.2009 14:33:00	16,1315	303,431	16,4356	77,607	286,494	0,34186
DogQ-10	08.08.2009 14:33:30	20,2377	282,335	16,4111	77,607	286,494	0,34186
DogQ-10	08.08.2009 14:34:00	24,3439	284,093	16,3866	77,5343	285,789	0,29138
DogQ-10	08.08.2009 14:34:30	28,1568	277,412	16,3866	77,9706	177,763	0,29138
DogQ-10	08.08.2009 14:35:00	30,5032	288,664	16,8286	78,0433	175,642	0,11467
DogQ-10	08.08.2009 14:35:30	32,263	304,486	16,8286	77,8979	175,642	0,11467
DogQ-10	08.08.2009 14:36:00	30,2099	296,399	16,804	77,9706	174,936	0,11467
DogQ-10	08.08.2009 14:36:30	33,7295	294,289	16,8286	77,9706	176,349	0,13991
DogQ-10	08.08.2009 14:37:00	31,6764	291,476	16,8286	78,4068	111,288	0,13991
DogQ-10	08.08.2009 14:37:30	21,4109	281,632	17,1984	78,4068	109,873	0,13991
DogQ-10	08.08.2009 14:38:00	12,3186	216,937	17,2231	78,4068	111,288	0,13991
DogQ-10	08.08.2009 14:38:30	7,9191	179,316	17,2478	78,4068	111,288	0,13991
DogQ-10	08.08.2009 14:39:00	14,665	48,1692	17,2478	78,4068	111,288	0,13991
DogQ-11	08.08.2009 16:40:00	22,2908	271,787	16,9025	77,8979	381,633	0,11467
DogQ-11	08.08.2009 16:40:30	29,9166	278,819	16,6565	77,8979	382,337	0,44283
DogQ-11	08.08.2009 16:41:00	15,8382	267,216	16,6319	77,8979	383,041	0,5438
DogQ-11	08.08.2009 16:41:30	13,1985	267,216	16,6074	77,8979	383,041	0,51855
DogQ-11	08.08.2009 16:42:00	11,732	280,225	16,5828	77,8979	383,041	0,49331
DogQ-11	08.08.2009 16:42:30	11,4387	307,65	16,5828	78,4796	196,842	0,49331
DogQ-11	08.08.2009 16:43:00	25,2238	315,034	17,149	78,4796	196,842	0,13991
DogQ-11	08.08.2009 16:43:30	28,7434	323,824	17,149	78,4796	197,548	0,11467
DogQ-11	08.08.2009 16:44:00	29,33	322,417	17,149	78,4796	197,548	0,11467
DogQ-11	08.08.2009 16:44:30	28,4501	321,011	17,149	78,4796	167,867	0,13991
DogQ-11	08.08.2009 16:45:00	24,9305	318,901	17,7183	79,0612	107,75	0,13991
DogQ-11	08.08.2009 16:45:30	8,2124	320,659	17,7928	79,1339	109,166	0,11467

Station	Date&Time (CEST)	Current speed [cm/s]	Current direction [°M]	Temperature [°C]	Conductivity [mS/cm]	Pressure [kPa]	Turbidity [NTU]
DogQ-11	08.08.2009 16:46:00	6,7459	324,175	17,7928	79,1339	108,458	0,1904
DogQ-11	08.08.2009 16:46:30	5,2794	306,244	17,8177	79,1339	107,043	0,11467
DogQ-12	08.08.2009 18:15:00	100,309	27,7764	17,6935	78,625	285,789	0,39235
DogQ-12	08.08.2009 18:15:30	22,5841	265,458	17,2972	78,625	325,979	0,1904
DogQ-12	08.08.2009 18:16:00	21,4109	258,778	17,2725	78,625	325,274	0,24089
DogQ-12	08.08.2009 18:16:30	7,3325	280,577	17,2478	78,5523	325,979	0,1904
DogQ-12	08.08.2009 18:17:00	9,3856	335,075	17,2478	78,5523	325,274	0,1904
DogQ-12	08.08.2009 18:17:30	18,1846	255,262	17,2478	78,625	204,613	0,1904
DogQ-12	08.08.2009 18:18:00	33,7295	265,81	17,2478	78,625	203,906	0,29138
DogQ-12	08.08.2009 18:18:30	36,6625	272,138	17,2478	78,625	202,493	0,1904
DogQ-12	08.08.2009 18:19:00	42,8218	277,764	17,2478	78,625	202,493	0,1904
DogQ-12	08.08.2009 18:19:30	47,8079	276,709	17,2478	79,1339	108,458	0,1904
DogQ-12	08.08.2009 18:20:00	43,7017	265,106	17,8177	79,2066	109,166	0,13991
DogQ-12	08.08.2009 18:20:30	47,8079	254,558	17,8425	79,2066	107,75	0,13991
DogQ-12	08.08.2009 18:21:00	57,1935	259,481	17,8425	79,2066	107,043	0,11467
DogQ-13	07.08.2009 13:59:00	28,7434	239,791	17,3467	78,4068	292,136	0,13991
DogQ-13	07.08.2009 13:59:30	39,0089	314,682	17,1243	78,4068	298,483	0,16516
DogQ-13	07.08.2009 14:00:00	26,6903	315,385	17,075	78,4068	297,778	0,16516
DogQ-13	07.08.2009 14:00:30	18,7712	358,984	17,075	78,3341	299,894	0,13991
DogQ-13	07.08.2009 14:01:00	18,1846	310,814	17,0503	78,3341	280,851	0,1904
DogQ-13	07.08.2009 14:01:30	15,5449	314,682	17,149	78,4796	216,62	0,13991
DogQ-13	07.08.2009 14:02:00	31,0898	337,888	17,149	78,4796	214,501	0,11467
DogQ-13	07.08.2009 14:02:30	25,5171	332,965	17,149	78,4796	214,501	0,11467
DogQ-13	07.08.2009 14:03:00	24,0506	316,088	17,1737	78,4796	216,62	0,11467
DogQ-13	07.08.2009 14:03:30	24,0506	331,91	17,1984	78,5523	115,534	0,11467
DogQ-13	07.08.2009 14:04:00	14,665	307,65	17,2231	78,5523	116,949	0,13991
DogQ-13	07.08.2009 14:04:30	6,7459	77,0004	17,2231	78,5523	114,826	0,13991
DogQ-13	07.08.2009 14:05:00	22,2908	61,53	17,2231	78,5523	114,119	0,13991
DogQ-13	07.08.2009 14:05:30	31,6764	50,6304	17,2231	78,5523	115,534	0,11467
DogQ-14	07.08.2009 12:01:00	83,8838	129,389	17,5695	78,8431	232,155	3,01743
DogQ-14	07.08.2009 12:01:30	39,8888	338,942	17,5943	78,8431	335,141	0,11467
DogQ-14	07.08.2009 12:02:00	31,9697	342,81	17,5695	78,8431	338,665	2,13382
DogQ-14	07.08.2009 12:02:30	22,2908	355,468	17,5695	78,8431	335,846	0,13991
DogQ-14	07.08.2009 12:03:00	18,1846	337,888	17,5695	78,9158	336,551	1,6038
DogQ-14	07.08.2009 12:03:30	13,7851	312,572	17,5695	78,9158	219,445	0,1904
DogQ-14	07.08.2009 12:04:00	65,1126	335,426	17,5695	78,9158	226,507	0,11467
DogQ-14	07.08.2009 12:04:30	45,1682	350,545	17,5695	78,9158	227,919	0,11467
DogQ-14	07.08.2009 12:05:00	41,6486	10,8996	17,5695	78,9158	227,919	0,13991
DogQ-14	07.08.2009 12:05:30	37,5424	16,1736	17,5695	78,9158	190,483	0,11467
DogQ-14	07.08.2009 12:06:00	18,7712	47,1144	17,5695	78,9158	106,335	0,11467
DogQ-14	07.08.2009 12:06:30	10,8521	170,526	17,5695	78,9158	109,873	0,11467
DogQ-14	07.08.2009 12:07:00	6,4526	244,01	17,5695	78,9158	110,581	0,13991
DogQ-14	07.08.2009 12:07:30	43,4084	176,152	17,5695	78,9158	107,75	0,11467
DogQ-15	09.08.2009 14:00:30	5,2794	61,1784	17,52	78,8431	303,42	0,1904
DogQ-15	09.08.2009 14:01:00	2,0531	29,886	17,4704	78,8431	302,009	0,1904
DogQ-15	09.08.2009 14:01:30	21,9975	100,206	17,4704	78,8431	302,714	0,29138
DogQ-15	09.08.2009 14:02:00	18,7712	116,731	17,4457	78,8431	302,009	0,1904
DogQ-15	09.08.2009 14:02:30	35,196	112,16	17,4457	78,8431	197,548	0,1904
DogQ-15	09.08.2009 14:03:00	57,1935	99,8544	17,4457	78,8431	193,309	0,16516

Station	Date&Time (CEST)	Current speed [cm/s]	Current direction [°M]	Temperature [°C]	Conductivity [mS/cm]	Pressure [kPa]	Turbidity [NTU]
DogQ-15	09.08.2009 14:03:30	64,526	100,558	17,4209	78,8431	202,493	0,1904
DogQ-15	09.08.2009 14:04:00	48,9811	105,832	17,4209	78,8431	203,2	0,1904
DogQ-15	09.08.2009 14:04:30	13,1985	128,334	17,4209	78,8431	116,949	0,1904
DogQ-15	09.08.2009 14:05:00	14,3717	126,576	18,0416	79,4975	106,335	0,13991
DogQ-15	09.08.2009 14:05:30	15,2516	96,3384	18,0665	79,4975	104,92	0,16516
DogQ-15	09.08.2009 14:06:00	18,4779	105,128	18,0914	79,4975	107,75	0,1904
DogQ-15	09.08.2009 14:06:30	18,1846	107,941	18,0665	79,4975	107,043	0,13991
DogQ-16	09.08.2009 11:01:30	9,3856	55,2012	17,0257	78,2614	334,436	0,1904
DogQ-16	09.08.2009 11:02:00	6,1593	25,6668	17,001	78,3341	333,027	21,5685
DogQ-16	09.08.2009 11:02:30	3,2263	32,6988	16,9764	78,3341	333,732	0,24089
DogQ-16	09.08.2009 11:03:00	12,6119	295,344	16,9517	78,3341	333,027	0,64476
DogQ-16	09.08.2009 11:03:30	12,3186	266,161	16,9517	78,2614	303,42	1,04858
DogQ-16	09.08.2009 11:04:00	30,2099	255,262	16,9517	78,2614	201,08	0,24089
DogQ-16	09.08.2009 11:04:30	14,3717	163,142	16,9517	78,3341	200,374	0,1904
DogQ-16	09.08.2009 11:05:00	15,5449	144,508	16,9271	78,3341	199,668	0,1904
DogQ-16	09.08.2009 11:05:30	14,3717	142,75	16,9517	78,3341	200,374	0,1904
DogQ-16	09.08.2009 11:06:00	12,6119	145,211	17,1243	78,9158	107,043	0,1904
DogQ-16	09.08.2009 11:06:30	18,7712	116,028	17,5695	78,9885	107,75	0,13991
DogQ-16	09.08.2009 11:07:00	33,7295	133,256	17,5695	78,9158	107,043	0,13991
DogQ-16	09.08.2009 11:07:30	53,9672	134,663	17,5943	78,9885	107,043	0,13991
DogQ-17	08.08.2009 20:12:30	25,2238	123,763	16,8286	78,0433	333,732	0,1904
DogQ-17	08.08.2009 20:13:00	13,7851	169,471	16,7548	78,0433	333,027	0,24089
DogQ-17	08.08.2009 20:13:30	20,8243	304,486	16,7548	78,0433	332,322	0,49331
DogQ-17	08.08.2009 20:14:00	12,3186	279,17	16,7302	78,0433	331,617	1,14953
DogQ-17	08.08.2009 20:14:30	20,2377	287,609	16,7302	78,0433	332,322	0,24089
DogQ-17	08.08.2009 20:15:00	21,1176	304,134	16,8779	78,2614	203,2	0,1904
DogQ-17	08.08.2009 20:15:30	17,0114	48,5208	16,9517	78,3341	203,906	0,13991
DogQ-17	08.08.2009 20:16:00	25,8104	73,4844	17,0503	78,4068	202,493	0,13991
DogQ-17	08.08.2009 20:16:30	26,6903	63,9912	17,0257	78,3341	202,493	0,11467
DogQ-17	08.08.2009 20:17:00	29,9166	65,3976	17,0257	78,8431	115,534	0,13991
DogQ-17	08.08.2009 20:17:30	30,7965	92,8224	17,7183	79,0612	110,581	0,11467
DogQ-17	08.08.2009 20:18:00	32,8496	111,106	17,7432	79,0612	108,458	0,11467
DogQ-17	08.08.2009 20:18:30	35,196	118,841	17,7183	78,9885	109,166	0,11467
DogQ-18	09.08.2009 07:36:30	57,4868	149,43	16,3621	77,3162	261,801	0,11467
DogQ-18	09.08.2009 07:37:00	69,5121	198,654	15,9952	77,2435	278,735	0,24089
DogQ-18	09.08.2009 07:37:30	53,6739	197,248	15,9708	77,2435	281,556	0,29138
DogQ-18	09.08.2009 07:38:00	40,1821	196,544	15,9464	77,2435	280,851	0,24089
DogQ-18	09.08.2009 07:39:00	57,1935	188,809	17,0257	78,2614	165,04	0,11467
DogQ-18	09.08.2009 07:39:30	56,3136	161,736	17,0503	78,2614	167,161	0,11467
DogQ-18	09.08.2009 07:40:00	45,7548	154,001	17,0503	78,3341	166,454	0,11467
DogQ-18	09.08.2009 07:40:30	38,7156	147,672	17,0503	78,2614	165,04	0,11467
DogQ-18	09.08.2009 07:41:00	33,7295	144,859	17,0997	78,3341	107,043	0,11467
DogQ-18	09.08.2009 07:41:30	31,3831	122,005	17,0997	78,3341	107,75	0,11467
DogQ-18	09.08.2009 07:42:00	31,0898	121,302	17,0997	78,3341	107,75	0,11467
DogQ-18	09.08.2009 07:42:30	29,9166	124,818	17,0997	78,3341	107,043	0,03893
DogQ-20	09.08.2009 09:17:00	9,9722	258,426	16,2641	77,4616	359,096	0,1904
DogQ-20	09.08.2009 09:17:30	16,1315	16,8768	16,1418	77,3889	359,801	0,29138
DogQ-20	09.08.2009 09:18:00	22,2908	19,338	16,0929	77,3889	360,505	0,29138
DogQ-20	09.08.2009 09:18:30	22,5841	25,3152	16,0929	77,3889	360,505	0,29138

Station	Date&Time (CEST)	Current speed [cm/s]	Current direction [°M]	Temperature [°C]	Conductivity [mS/cm]	Pressure [kPa]	Turbidity [NTU]
DogQ-20	09.08.2009 09:19:30	16,1315	19,338	16,8532	78,2614	186,243	0,11467
DogQ-20	09.08.2009 09:20:00	10,8521	273,545	16,9764	78,2614	186,243	0,11467
DogQ-20	09.08.2009 09:20:30	3,5196	259,832	17,001	78,3341	186,243	0,11467
DogQ-20	09.08.2009 09:21:00	4,3995	264,755	17,0257	78,3341	186,95	0,11467
DogQ-20	09.08.2009 09:21:30	4,3995	243,307	17,075	78,4796	111,996	0,11467
DogQ-20	09.08.2009 09:22:00	14,9583	199,006	17,1737	78,4796	110,581	0,11467
DogQ-20	09.08.2009 09:22:30	48,6878	180,019	17,149	78,4796	111,996	0,11467
DogQ-20	09.08.2009 09:23:00	63,3528	155,056	17,1737	78,4796	111,288	0,11467
DogQ-21	09.08.2009 18:53:30	45,7548	105,832	17,3962	78,5523	342,893	0,1904
DogQ-21	09.08.2009 18:54:00	42,5285	126,576	17,2231	78,5523	342,893	0,1904
DogQ-21	09.08.2009 18:54:30	40,7687	145,211	17,1737	78,5523	342,188	0,1904
DogQ-21	09.08.2009 18:55:00	53,6739	143,804	17,1737	78,5523	342,893	0,1904
DogQ-21	09.08.2009 18:55:30	46,3414	138,53	17,149	78,5523	342,893	0,1904
DogQ-21	09.08.2009 18:56:00	49,2744	148,727	17,149	78,5523	242,745	0,1904
DogQ-21	09.08.2009 18:56:30	56,6069	149,078	17,149	78,5523	242,745	0,1904
DogQ-21	09.08.2009 18:57:00	46,0481	154,704	17,149	78,5523	243,451	0,1904
DogQ-21	09.08.2009 18:57:30	48,6878	167,713	17,149	78,5523	243,451	0,1904
DogQ-21	09.08.2009 18:58:00	47,5146	175,8	17,4704	79,4248	107,75	0,1904
DogQ-21	09.08.2009 18:58:30	40,4754	148,375	18,0167	79,4975	106,335	0,13991
DogQ-21	09.08.2009 18:59:00	21,4109	142,398	18,0416	79,4975	107,043	0,13991
DogQ-21	09.08.2009 18:59:30	24,3439	139,937	18,0665	79,4975	107,043	0,13991
DogQ-22	09.08.2009 12:33:30	19,0645	254,207	17,3467	78,5523	332,322	0,1904
DogQ-22	09.08.2009 12:34:00	7,6258	337,888	17,2231	78,4796	333,732	0,1904
DogQ-22	09.08.2009 12:34:30	8,5057	319,604	17,1737	78,4796	333,027	1,55333
DogQ-22	09.08.2009 12:35:00	7,0392	254,558	17,149	78,4796	333,027	0,94763
DogQ-22	09.08.2009 12:35:30	12,6119	188,809	17,149	78,4796	333,732	0,34186
DogQ-22	09.08.2009 12:36:00	20,531	165,604	17,1243	78,4796	235,685	0,74572
DogQ-22	09.08.2009 12:36:30	31,9697	145,562	17,1243	78,4796	222,976	0,1904
DogQ-22	09.08.2009 12:37:00	15,8382	126,928	17,1243	78,4796	222,976	0,24089
DogQ-22	09.08.2009 12:37:30	13,1985	117,434	17,1243	78,4796	223,682	0,1904
DogQ-22	09.08.2009 12:38:00	12,6119	118,841	17,1243	78,4796	223,682	0,1904
DogQ-22	09.08.2009 12:38:30	8,5057	125,873	17,322	79,1339	111,996	0,34186
DogQ-22	09.08.2009 12:39:00	6,7459	123,763	17,5943	78,8431	109,873	0,1904
DogQ-22	09.08.2009 12:39:30	8,5057	111,457	17,4457	78,7704	110,581	0,13991
DogQ-22	09.08.2009 12:40:00	9,3856	96,69	17,4704	78,8431	111,996	0,13991
DogQ-23	09.08.2009 15:56:30	32,263	268,271	17,7183	79,0612	292,136	0,1904
DogQ-23	09.08.2009 15:57:00	15,5449	216,234	17,6687	79,0612	290,726	1,14953
DogQ-23	09.08.2009 15:57:30	28,1568	148,024	17,6687	79,0612	290,021	0,24089
DogQ-23	09.08.2009 15:58:00	32,263	159,275	17,6687	79,0612	292,136	0,64476
DogQ-23	09.08.2009 15:58:30	31,0898	162,088	17,6439	79,1339	202,493	0,39235
DogQ-23	09.08.2009 15:59:00	28,7434	179,668	17,6687	79,0612	203,906	0,1904
DogQ-23	09.08.2009 15:59:30	21,7042	229,595	17,6439	79,0612	206,025	0,1904
DogQ-23	09.08.2009 16:00:00	22,8774	213,773	17,6439	79,0612	203,906	0,1904
DogQ-23	09.08.2009 16:01:00	18,7712	236,978	18,1911	79,7156	107,043	0,13991
DogQ-23	09.08.2009 16:01:30	18,1846	272,138	18,266	79,6429	107,043	0,13991
DogQ-23	09.08.2009 16:02:00	21,7042	280,577	18,266	79,7156	109,873	0,13991
DogQ-23	09.08.2009 16:02:30	18,4779	276,358	18,2909	79,7883	109,166	0,13991
DogQ-24	10.08.2009 10:23:30	35,7826	73,1328	17,3467	78,7704	333,027	0,1904
DogQ-24	10.08.2009 10:24:00	35,4893	99,1512	17,3467	78,7704	335,141	0,1904

Station	Date&Time (CEST)	Current speed [cm/s]	Current direction [°M]	Temperature [°C]	Conductivity [mS/cm]	Pressure [kPa]	Turbidity [NTU]
DogQ-24	10.08.2009 10:24:30	28,4501	143,453	17,322	78,7704	331,617	0,1904
DogQ-24	10.08.2009 10:25:00	32,8496	181,777	17,322	78,7704	330,913	0,1904
DogQ-24	10.08.2009 10:25:30	36,3692	182,129	17,322	78,7704	241,333	0,1904
DogQ-24	10.08.2009 10:26:00	48,3945	182,129	17,322	78,7704	242,039	0,1904
DogQ-24	10.08.2009 10:26:30	43,7017	176,503	17,322	78,7704	246,98	0,1904
DogQ-24	10.08.2009 10:27:00	49,861	182,832	17,322	78,7704	248,392	0,1904
DogQ-24	10.08.2009 10:28:00	52,5007	185,645	17,322	78,7704	111,288	0,1904
DogQ-24	10.08.2009 10:28:30	41,6486	135,366	17,322	78,7704	112,704	0,1904
DogQ-24	10.08.2009 10:29:00	31,6764	113,215	17,322	78,7704	116,241	0,1904
DogQ-24	10.08.2009 10:29:30	39,5955	57,3108	17,322	78,8431	111,288	0,1904
DogQ-25	10.08.2009 12:10:30	26,1037	240,143	17,2972	78,6977	326,684	0,24089
DogQ-25	10.08.2009 12:11:00	29,9166	260,184	17,2231	78,7704	323,865	0,24089
DogQ-25	10.08.2009 12:11:30	36,9558	250,339	17,2231	78,7704	319,635	0,24089
DogQ-25	10.08.2009 12:12:00	43,995	200,06	17,2231	78,6977	328,798	0,24089
DogQ-25	10.08.2009 12:13:00	39,5955	216,586	17,2972	78,8431	212,382	0,1904
DogQ-25	10.08.2009 12:13:30	39,8888	191,622	17,2972	78,8431	210,97	0,24089
DogQ-25	10.08.2009 12:14:00	41,9419	174,394	17,2972	78,8431	213,089	0,1904
DogQ-25	10.08.2009 12:14:30	40,1821	164,9	17,2972	78,8431	215,914	0,1904
DogQ-25	10.08.2009 12:15:00	31,9697	185,996	17,2972	78,7704	111,996	0,1904
DogQ-25	10.08.2009 12:15:30	27,5702	217,289	17,2972	78,7704	116,949	0,24089
DogQ-25	10.08.2009 12:16:00	20,2377	264,052	17,2725	78,7704	119,779	0,1904
DogQ-25	10.08.2009 12:16:30	32,5563	225,727	17,2725	78,7704	116,949	0,1904
DogQ-26	09.08.2009 17:21:30	24,9305	217,64	17,4704	78,8431	306,945	0,1904
DogQ-26	09.08.2009 17:22:00	27,8635	184,238	17,4209	78,8431	306,945	0,1904
DogQ-26	09.08.2009 17:22:30	30,7965	199,006	17,4209	78,8431	306,945	0,1904
DogQ-26	09.08.2009 17:23:00	34,0228	189,864	17,3962	78,8431	306,24	0,1904
DogQ-26	09.08.2009 17:23:30	31,9697	186,7	17,4209	78,8431	193,309	0,1904
DogQ-26	09.08.2009 17:24:00	29,33	189,864	17,3962	78,8431	192,602	0,1904
DogQ-26	09.08.2009 17:24:30	28,1568	196,896	17,4209	78,8431	192,602	0,1904
DogQ-26	09.08.2009 17:25:00	32,8496	204,28	17,4209	78,8431	193,309	0,1904
DogQ-26	09.08.2009 17:25:30	36,9558	213,421	17,3962	79,0612	106,335	0,1904
DogQ-26	09.08.2009 17:26:00	36,9558	211,663	18,0665	79,5702	106,335	0,16516
DogQ-26	09.08.2009 17:26:30	34,9027	205,686	18,0665	79,4975	105,627	0,13991
DogQ-26	09.08.2009 17:27:00	37,8357	206,741	18,0416	79,4975	105,627	0,13991
DogQ-26	09.08.2009 17:27:30	39,3022	201,818	18,0665	79,5702	106,335	0,13991
DogQ-27	10.08.2009 09:20:30	36,0759	180,371	17,2478	78,625	350,643	0,1904
DogQ-27	10.08.2009 09:21:00	26,6903	199,006	17,2231	78,625	353,461	0,1904
DogQ-27	10.08.2009 09:21:30	46,928	201,818	17,1984	78,625	351,347	0,34186
DogQ-27	10.08.2009 09:22:00	50,4476	214,476	17,1984	78,625	352,756	0,1904
DogQ-27	10.08.2009 09:22:30	44,5816	205,334	17,1984	78,625	263,918	0,1904
DogQ-27	10.08.2009 09:23:00	60,4198	206,038	17,2231	78,6977	246,274	0,1904
DogQ-27	10.08.2009 09:23:30	48,3945	197,951	17,2478	78,6977	240,627	0,1904
DogQ-27	10.08.2009 09:24:00	46,6347	205,686	17,2478	78,6977	241,333	0,1904
DogQ-27	10.08.2009 09:24:30	45,7548	202,873	17,2231	78,6977	244,157	0,1904
DogQ-27	10.08.2009 09:25:00	45,1682	216,234	17,2478	78,6977	110,581	0,1904
DogQ-27	10.08.2009 09:25:30	40,7687	214,828	17,2478	78,6977	118,364	0,1904
DogQ-27	10.08.2009 09:26:00	14,3717	301,673	17,2478	78,6977	119,779	0,1904
DogQ-27	10.08.2009 09:26:30	15,5449	210,257	17,2478	78,6977	116,241	0,1904
DogQ-28	10.08.2009 07:29:30	34,3161	187,051	16,5828	77,8979	342,188	0,24089

Station	Date&Time (CEST)	Current speed [cm/s]	Current direction [°M]	Temperature [°C]	Conductivity [mS/cm]	Pressure [kPa]	Turbidity [NTU]
DogQ-28	10.08.2009 07:30:00	38,7156	175,097	16,5337	77,8979	337,96	0,24089
DogQ-28	10.08.2009 07:30:30	50,4476	172,636	16,5092	77,8979	339,369	0,29138
DogQ-28	10.08.2009 07:31:00	52,794	169,12	16,4847	77,8979	338,665	0,29138
DogQ-28	10.08.2009 07:31:30	49,2744	167,713	16,4847	77,9706	227,919	0,29138
DogQ-28	10.08.2009 07:32:00	57,7801	167,01	16,5583	77,9706	229,331	0,1904
DogQ-28	10.08.2009 07:32:30	46,0481	169,823	16,5583	77,9706	230,037	0,1904
DogQ-28	10.08.2009 07:33:00	44,8749	137,827	16,5583	77,9706	230,743	0,1904
DogQ-28	10.08.2009 07:33:30	41,062	118,841	16,5583	77,9706	230,743	0,1904
DogQ-28	10.08.2009 07:34:00	29,9166	117,434	16,5583	77,9706	232,155	0,1904
DogQ-28	10.08.2009 07:35:00	3,8129	118,489	17,2972	78,7704	105,627	0,13991
DogQ-28	10.08.2009 07:35:30	9,0923	315,737	17,322	78,7704	107,75	0,11467
DogQ-28	10.08.2009 07:36:00	16,1315	353,358	17,3467	78,7704	109,166	0,11467
DogQ-28	10.08.2009 07:36:30	6,7459	53,4432	17,3467	78,7704	111,288	0,11467
DogQ-29	10.08.2009 18:47:00	31,6764	129,037	16,2397	77,607	349,234	0,29138
DogQ-29	10.08.2009 18:47:30	42,5285	144,859	16,1907	77,607	347,825	0,29138
DogQ-29	10.08.2009 18:48:00	41,062	156,462	16,1663	77,607	347,12	0,29138
DogQ-29	10.08.2009 18:48:30	43,995	164,197	16,1663	77,607	347,825	0,29138
DogQ-29	10.08.2009 18:49:00	48,9811	160,33	16,4847	78,5523	213,089	0,29138
DogQ-29	10.08.2009 18:49:30	50,4476	151,54	17,0997	78,5523	212,382	0,11467
DogQ-29	10.08.2009 18:50:00	39,0089	164,9	17,1243	78,5523	209,557	0,11467
DogQ-29	10.08.2009 18:50:30	36,9558	175,097	17,1243	78,5523	213,089	0,11467
DogQ-29	10.08.2009 18:51:30	33,7295	200,412	17,149	78,5523	113,411	0,11467
DogQ-29	10.08.2009 18:52:00	51,6208	227,485	17,149	78,5523	112,704	0,11467
DogQ-29	10.08.2009 18:52:30	30,7965	229,946	17,149	78,5523	110,581	0,11467
DogQ-29	10.08.2009 18:53:00	13,1985	245,768	17,149	78,5523	112,704	0,11467
DogQ-30	11.08.2009 07:31:30	19,3578	84,384	16,2641	77,5343	365,436	0,34186
DogQ-30	11.08.2009 07:32:00	29,33	66,804	16,0685	77,5343	361,914	0,59428
DogQ-30	11.08.2009 07:32:30	34,6094	36,918	16,044	77,5343	359,096	0,5438
DogQ-30	11.08.2009 07:33:00	38,7156	25,6668	16,044	77,5343	359,801	0,56904
DogQ-30	11.08.2009 07:33:30	47,5146	33,0504	16,0196	77,5343	325,979	0,5438
DogQ-30	11.08.2009 07:34:00	48,9811	31,2924	16,9764	78,5523	244,863	0,11467
DogQ-30	11.08.2009 07:34:30	42,8218	29,1828	17,075	78,5523	246,98	0,11467
DogQ-30	11.08.2009 07:35:00	24,3439	39,7308	17,075	78,5523	244,863	0,11467
DogQ-30	11.08.2009 07:35:30	7,6258	55,9044	17,075	78,5523	244,863	0,11467
DogQ-30	11.08.2009 07:36:00	33,1429	174,042	17,0997	78,5523	109,166	0,11467
DogQ-30	11.08.2009 07:36:30	47,5146	172,636	17,0997	78,5523	109,873	0,11467
DogQ-30	11.08.2009 07:37:00	18,7712	200,412	17,0997	78,5523	111,288	0,11467
DogQ-30	11.08.2009 07:37:30	16,7181	268,622	17,0997	78,5523	109,166	0,11467
DogQ-31	10.08.2009 16:48:00	14,665	261,59	16,8286	78,1887	359,096	0,24089
DogQ-31	10.08.2009 16:48:30	26,9836	236,275	16,7794	78,1887	352,756	0,29138
DogQ-31	10.08.2009 16:49:00	32,263	203,225	16,7794	78,1887	356,983	0,29138
DogQ-31	10.08.2009 16:49:30	32,8496	233,111	16,7548	78,1887	356,279	0,29138
DogQ-31	10.08.2009 16:50:00	34,3161	265,81	16,7548	78,1887	355,574	0,24089
DogQ-31	10.08.2009 16:51:00	13,1985	270,029	16,9271	78,4068	242,039	0,1904
DogQ-31	10.08.2009 16:51:30	29,0367	221,86	16,9271	78,4068	242,745	0,1904
DogQ-31	10.08.2009 16:52:00	31,0898	212,366	16,9517	78,4068	244,863	0,1904
DogQ-31	10.08.2009 16:52:30	38,4223	209,905	16,9517	78,4068	242,745	0,1904
DogQ-31	10.08.2009 16:53:00	36,3692	210,96	16,9764	78,4068	110,581	0,16516
DogQ-31	10.08.2009 16:53:30	37,5424	229,595	16,9764	78,4068	108,458	0,1904

Station	Date&Time (CEST)	Current speed [cm/s]	Current direction [°M]	Temperature [°C]	Conductivity [mS/cm]	Pressure [kPa]	Turbidity [NTU]
DogQ-31	10.08.2009 16:54:00	39,8888	220,453	16,9764	78,4068	110,581	0,13991
DogQ-31	10.08.2009 16:54:30	34,9027	209,554	16,9764	78,4068	111,996	0,16516
DogQ-32	10.08.2009 13:38:00	16,4248	210,257	17,4457	78,9158	337,255	0,1904
DogQ-32	10.08.2009 13:38:30	31,9697	207,796	17,3962	78,8431	335,141	0,1904
DogQ-32	10.08.2009 13:39:00	26,397	167,362	17,3962	78,8431	337,255	0,1904
DogQ-32	10.08.2009 13:39:30	27,2769	182,48	17,3962	78,9158	338,665	0,24089
DogQ-32	10.08.2009 13:40:00	26,1037	196,193	17,3714	78,9158	235,685	0,1904
DogQ-32	10.08.2009 13:40:30	36,0759	194,083	17,3962	78,9158	234,979	0,1904
DogQ-32	10.08.2009 13:41:00	38,129	195,138	17,3962	78,9158	233,567	0,1904
DogQ-32	10.08.2009 13:41:30	37,5424	196,544	17,3714	78,9158	232,861	0,1904
DogQ-32	10.08.2009 13:42:00	26,9836	163,494	17,3962	78,9158	239,215	0,1904
DogQ-32	10.08.2009 13:42:30	29,6233	181,777	17,3962	78,8431	107,75	0,1904
DogQ-32	10.08.2009 13:43:00	36,3692	210,608	17,3962	78,8431	104,92	0,1904
DogQ-32	10.08.2009 13:43:30	39,0089	227,485	17,3962	78,8431	108,458	0,1904
DogQ-32	10.08.2009 13:44:00	43,4084	232,759	17,3962	78,8431	104,92	0,1904
DogQ-33	10.08.2009 14:58:00	28,7434	203,225	17,322	78,7704	334,436	0,1904
DogQ-33	10.08.2009 14:58:30	36,9558	198,654	17,2972	78,7704	337,255	0,1904
DogQ-33	10.08.2009 14:59:00	34,6094	166,307	17,2725	78,7704	342,188	0,1904
DogQ-33	10.08.2009 14:59:30	29,33	158,923	17,2725	78,7704	336,551	0,1904
DogQ-33	10.08.2009 15:00:00	36,3692	191,974	17,2725	78,7704	235,685	0,1904
DogQ-33	10.08.2009 15:00:30	37,5424	187,051	17,2725	78,7704	226,507	0,24089
DogQ-33	10.08.2009 15:01:00	27,2769	203,576	17,2725	78,7704	227,213	0,1904
DogQ-33	10.08.2009 15:01:30	36,9558	205,334	17,2725	78,7704	218,739	0,1904
DogQ-33	10.08.2009 15:02:00	44,8749	206,038	17,2725	78,7704	224,388	0,1904
DogQ-33	10.08.2009 15:03:00	43,7017	227,134	17,2725	78,7704	110,581	0,29138
DogQ-33	10.08.2009 15:03:30	18,7712	195,841	17,2725	78,7704	110,581	0,1904
DogQ-33	10.08.2009 15:04:00	10,2655	178,964	17,2725	78,7704	110,581	0,39235
DogQ-33	10.08.2009 15:04:30	3,8129	168,416	17,2725	78,6977	111,288	0,29138
DogQ-34	11.08.2009 11:32:00	17,0114	260,184	16,1418	77,607	385,153	7,60202
DogQ-34	11.08.2009 11:32:30	23,464	287,609	16,0685	77,5343	391,49	0,51855
DogQ-34	11.08.2009 11:33:00	17,598	284,796	16,0196	77,5343	391,49	9,41305
DogQ-34	11.08.2009 11:33:30	26,397	338,239	15,9952	77,5343	391,49	3,11844
DogQ-34	11.08.2009 11:34:00	21,1176	33,402	16,6811	78,9158	249,804	0,44283
DogQ-34	11.08.2009 11:34:30	34,6094	40,0824	17,322	78,9885	244,863	0,1904
DogQ-34	11.08.2009 11:35:00	27,2769	22,5024	17,3467	78,9885	249,098	0,1904
DogQ-34	11.08.2009 11:35:30	15,8382	43,5984	17,3714	78,9885	244,863	0,1904
DogQ-34	11.08.2009 11:36:30	22,2908	2,8128	17,3962	78,9885	111,288	0,16516
DogQ-34	11.08.2009 11:37:00	11,4387	351,952	17,3962	78,9885	109,166	0,1904
DogQ-34	11.08.2009 11:37:30	7,0392	45,0048	17,3962	78,9885	109,166	0,1904
DogQ-34	11.08.2009 11:38:00	29,0367	103,722	17,3962	78,9885	109,873	0,1904
DogQ-35	11.08.2009 09:45:30	16,7181	295,696	16,804	78,2614	367,549	0,1904
DogQ-35	11.08.2009 09:46:00	23,7573	340,349	16,7548	78,2614	370,366	0,24089
DogQ-35	11.08.2009 09:46:30	27,5702	346,326	16,7302	78,2614	368,253	0,24089
DogQ-35	11.08.2009 09:47:00	33,1429	305,54	16,7302	78,2614	361,914	0,24089
DogQ-35	11.08.2009 09:47:30	32,8496	260,536	16,7548	78,4796	245,569	0,1904
DogQ-35	11.08.2009 09:48:00	17,8913	282,335	16,9764	78,5523	242,745	0,1904
DogQ-35	11.08.2009 09:48:30	26,397	329,801	17,001	78,5523	241,333	0,1904
DogQ-35	11.08.2009 09:49:00	19,3578	326,988	16,9764	78,5523	244,863	0,1904
DogQ-35	11.08.2009 09:50:00	22,5841	78,0552	17,0503	78,625	118,364	0,1904

Station	Date&Time (CEST)	Current speed [cm/s]	Current direction [°M]	Temperature [°C]	Conductivity [mS/cm]	Pressure [kPa]	Turbidity [NTU]
DogQ-35	11.08.2009 09:50:30	30,7965	38,3244	17,0503	78,625	120,486	0,1904
DogQ-35	11.08.2009 09:51:00	16,7181	104,777	17,0503	78,625	116,241	0,1904
DogQ-35	11.08.2009 09:51:30	29,0367	126,928	17,075	78,625	119,779	0,1904
DogQ-36	11.08.2009 13:54:00	14,9583	276,006	16,4847	77,9706	343,597	0,1904
DogQ-36	11.08.2009 13:54:30	23,1707	281,632	16,4356	77,9706	344,302	0,1904
DogQ-36	11.08.2009 13:55:00	24,0506	269,677	16,4356	77,9706	346,416	0,24089
DogQ-36	11.08.2009 13:55:30	21,1176	262,294	16,4111	77,9706	345,006	0,1904
DogQ-36	11.08.2009 13:56:30	46,0481	314,33	17,2231	78,7704	183,416	0,11467
DogQ-36	11.08.2009 13:57:00	29,9166	311,869	17,2478	78,7704	179,883	0,11467
DogQ-36	11.08.2009 13:57:30	16,4248	52,0368	17,2725	78,7704	186,95	0,11467
DogQ-36	11.08.2009 13:58:00	34,3161	33,0504	17,2725	78,7704	179,176	0,11467
DogQ-36	11.08.2009 13:58:30	39,0089	359,335	17,2972	78,8431	131,098	0,11467
DogQ-36	11.08.2009 13:59:00	19,6511	337,536	17,322	78,8431	126,853	0,11467
DogQ-36	11.08.2009 13:59:30	11,732	334,372	17,322	78,8431	129,683	0,11467
DogQ-36	11.08.2009 14:00:00	19,3578	308,353	17,322	78,8431	130,39	0,11467
DogQ-36	11.08.2009 14:00:30	16,4248	283,741	17,322	78,8431	127,561	0,11467
DogQ-37	11.08.2009 15:44:00	14,665	257,371	16,2641	77,8252	386,562	0,1904
DogQ-37	11.08.2009 15:44:30	30,7965	302,728	16,2152	77,8252	385,153	0,24089
DogQ-37	11.08.2009 15:45:00	29,6233	280,928	16,1907	77,8252	387,97	0,1904
DogQ-37	11.08.2009 15:45:30	26,6903	264,403	16,1907	77,8252	381,633	0,1904
DogQ-37	11.08.2009 15:46:00	30,7965	293,234	16,1907	77,8252	258,273	0,24089
DogQ-37	11.08.2009 15:46:30	41,062	293,938	16,4111	77,8979	246,274	0,13991
DogQ-37	11.08.2009 15:47:00	14,3717	239,791	16,4356	77,8979	251,215	0,1904
DogQ-37	11.08.2009 15:47:30	26,6903	288,664	16,4111	77,8979	240,627	0,1904
DogQ-37	11.08.2009 15:48:00	35,7826	297,102	16,4111	78,4796	190,483	0,1904
DogQ-37	11.08.2009 15:48:30	44,2883	308,353	17,3714	78,9885	124,024	0,11467
DogQ-37	11.08.2009 15:49:00	37,2491	285,851	17,3962	78,9885	118,364	0,13991
DogQ-37	11.08.2009 15:49:30	29,9166	27,7764	17,3962	78,9885	114,119	0,13991
DogQ-37	11.08.2009 15:50:00	46,6347	50,982	17,4209	78,9885	118,364	0,11467
DogQ-38	11.08.2009 17:17:30	15,5449	238,033	17,0503	78,2614	370,366	0,16516
DogQ-38	11.08.2009 17:18:00	24,3439	305,54	16,6811	78,2614	373,183	0,39235
DogQ-38	11.08.2009 17:18:30	24,3439	304,486	16,6565	78,2614	376	0,34186
DogQ-38	11.08.2009 17:19:00	26,1037	316,088	16,6319	78,2614	373,887	0,39235
DogQ-38	11.08.2009 17:19:30	27,2769	325,23	16,6319	78,2614	371,07	0,39235
DogQ-38	11.08.2009 17:20:00	28,4501	332,614	16,8779	78,5523	254,038	0,34186
DogQ-38	11.08.2009 17:20:30	35,4893	330,504	16,9271	78,5523	251,921	0,1904
DogQ-38	11.08.2009 17:21:00	29,9166	264,052	16,9271	78,5523	258,273	0,1904
DogQ-38	11.08.2009 17:21:30	27,8635	296,047	16,9271	78,5523	253,333	0,1904
DogQ-38	11.08.2009 17:22:30	31,9697	298,86	17,1737	78,8431	116,241	0,1904
DogQ-38	11.08.2009 17:23:00	29,9166	289,367	17,1737	78,8431	115,534	0,13991
DogQ-38	11.08.2009 17:23:30	31,0898	279,874	17,1737	78,8431	113,411	0,1904
DogQ-38	11.08.2009 17:24:00	27,5702	280,225	17,1737	78,8431	110,581	0,13991
DogQ-39	11.08.2009 19:01:00	24,3439	220,805	16,5337	78,116	342,893	0,29138
DogQ-39	11.08.2009 19:01:30	34,6094	242,956	16,4601	78,116	337,255	0,29138
DogQ-39	11.08.2009 19:02:00	36,9558	250,339	16,4356	78,0433	339,369	0,29138
DogQ-39	11.08.2009 19:03:00	32,5563	239,791	16,4356	78,5523	229,331	0,29138
DogQ-39	11.08.2009 19:03:30	41,3553	275,303	16,9764	78,625	238,509	0,13991
DogQ-39	11.08.2009 19:04:00	39,5955	266,864	17,001	78,6977	232,861	0,13991
DogQ-39	11.08.2009 19:04:30	46,928	278,819	16,9271	78,625	238,509	0,13991

Station	Date&Time (CEST)	Current speed [cm/s]	Current direction [°M]	Temperature [°C]	Conductivity [mS/cm]	Pressure [kPa]	Turbidity [NTU]
DogQ-39	11.08.2009 19:05:00	34,0228	264,052	16,9271	78,625	232,861	0,13991
DogQ-39	11.08.2009 19:05:30	38,4223	278,819	17,2972	79,0612	121,901	0,11467
DogQ-39	11.08.2009 19:06:00	31,6764	251,042	17,322	79,0612	128,268	0,11467
DogQ-39	11.08.2009 19:06:30	32,8496	246,823	17,322	79,0612	126,146	0,11467
DogQ-39	11.08.2009 19:07:00	28,1568	246,472	17,322	79,0612	128,268	0,11467
DogQ-40-1	11.08.2009 23:59:30	17,3047	174,394	15,9219	77,0254	378,816	0,1904
DogQ-40-1	12.08.2009 00:00:00	24,0506	195,841	15,4592	76,9526	367,549	0,34186
DogQ-40-1	12.08.2009 00:00:30	28,1568	203,576	15,4106	76,9526	370,366	0,39235
DogQ-40-1	12.08.2009 00:01:00	29,6233	203,576	15,4106	77,0254	366,844	0,39235
DogQ-40-1	12.08.2009 00:02:00	45,4615	226,43	17,1984	78,9158	246,98	0,13991
DogQ-40-1	12.08.2009 00:02:30	35,196	191,27	17,2725	78,9158	258,273	0,13991
DogQ-40-1	12.08.2009 00:03:00	32,5563	139,937	17,2972	78,9158	254,744	0,13991
DogQ-40-1	12.08.2009 00:03:30	16,1315	123,763	17,2972	78,9158	258,273	0,13991
DogQ-40-1	12.08.2009 00:04:00	18,7712	30,9408	17,322	78,9885	114,119	0,13991
DogQ-40-1	12.08.2009 00:04:30	32,263	37,6212	17,322	78,9885	119,072	0,13991
DogQ-40-1	12.08.2009 00:05:00	11,732	70,32	17,322	78,9885	114,826	0,13991
DogQ-40-1	12.08.2009 00:05:30	0,2933	291,125	17,322	78,9885	116,241	0,13991
DogQ-40-2	12.08.2009 02:58:30	26,9836	281,28	16,4356	77,607	348,529	0,13991
DogQ-40-2	12.08.2009 02:59:00	44,8749	295,344	16,0929	77,6797	336,551	0,29138
DogQ-40-2	12.08.2009 02:59:30	70,392	312,572	16,0196	77,607	359,801	0,29138
DogQ-40-2	12.08.2009 03:00:00	51,0342	283,39	15,9708	77,607	352,756	0,29138
DogQ-40-2	12.08.2009 03:00:30	55,1404	283,39	15,9464	77,607	317,52	0,34186
DogQ-40-2	12.08.2009 03:01:00	48,1012	273,545	16,9271	78,6977	262,507	0,1904
DogQ-40-2	12.08.2009 03:01:30	41,3553	271,787	17,0503	78,625	266,741	0,13991
DogQ-40-2	12.08.2009 03:02:00	38,7156	274,6	16,9764	78,6977	258,273	0,13991
DogQ-40-2	12.08.2009 03:02:30	35,7826	271,435	17,0257	78,6977	267,446	0,13991
DogQ-40-2	12.08.2009 03:03:00	42,5285	274,6	17,075	78,7704	133,927	0,13991
DogQ-40-2	12.08.2009 03:03:30	56,9002	277,764	17,0997	78,7704	124,024	0,13991
DogQ-40-2	12.08.2009 03:04:00	53,6739	273,545	17,1243	78,7704	116,949	0,11467
DogQ-40-2	12.08.2009 03:04:30	48,3945	264,403	17,1243	78,7704	129,683	0,11467
DogQ-40-2	12.08.2009 03:05:00	41,062	261,59	17,1243	78,7704	126,146	0,11467
DogQ-40-3	12.08.2009 05:59:30	59,8332	276,006	16,5583	77,8252	334,436	0,13991
DogQ-40-3	12.08.2009 06:00:00	69,2188	283,741	15,6538	76,6618	333,732	0,29138
DogQ-40-3	12.08.2009 06:00:30	66,2858	293,586	15,1194	76,5891	365,436	0,39235
DogQ-40-3	12.08.2009 06:01:00	54,2605	338,591	14,9983	76,5891	373,887	0,39235
DogQ-40-3	12.08.2009 06:02:00	54,2605	319,956	17,0257	78,7704	206,732	0,13991
DogQ-40-3	12.08.2009 06:02:30	41,6486	336,13	17,075	78,7704	220,857	0,13991
DogQ-40-3	12.08.2009 06:03:00	30,2099	353,006	17,0997	78,7704	201,787	0,13991
DogQ-40-3	12.08.2009 06:03:30	38,129	306,244	17,1243	78,7704	218,739	0,13991
DogQ-40-3	12.08.2009 06:04:00	39,0089	297,102	17,1243	78,7704	116,949	0,13991
DogQ-40-3	12.08.2009 06:04:30	23,464	271,787	17,1243	78,7704	116,241	0,13991
DogQ-40-3	12.08.2009 06:05:00	4,3995	329,449	17,1243	78,7704	116,949	0,13991
DogQ-40-3	12.08.2009 06:05:30	43,1151	133,96	17,1243	78,7704	119,779	0,13991
DogQ-40-3	12.08.2009 06:06:00	19,6511	150,836	17,1243	78,7704	118,364	0,13991
DogQ-40-4	12.08.2009 08:58:00	8,799	262,294	15,3378	76,7345	378,112	0,51855
DogQ-40-4	12.08.2009 08:58:30	21,1176	36,918	15,2164	76,8072	371,07	0,3671
DogQ-40-4	12.08.2009 08:59:00	29,6233	7,032	15,1679	76,7345	377,408	0,39235
DogQ-40-4	12.08.2009 09:00:00	36,6625	8,79	16,3866	78,6977	213,089	0,5438
DogQ-40-4	12.08.2009 09:00:30	32,5563	352,655	17,0257	78,6977	209,557	0,11467

Station	Date&Time (CEST)	Current speed [cm/s]	Current direction [°M]	Temperature [°C]	Conductivity [mS/cm]	Pressure [kPa]	Turbidity [NTU]
DogQ-40-4	12.08.2009 09:01:00	21,7042	319,253	17,0503	78,6977	215,914	0,11467
DogQ-40-4	12.08.2009 09:01:30	14,0784	291,828	17,0503	78,6977	209,557	0,13991
DogQ-40-4	12.08.2009 09:02:30	22,2908	302,376	17,075	78,6977	119,072	0,24089
DogQ-40-4	12.08.2009 09:03:00	15,2516	205,334	17,075	78,7704	116,241	0,11467
DogQ-40-4	12.08.2009 09:03:30	31,3831	161,736	17,075	78,6977	121,901	0,13991
DogQ-40-4	12.08.2009 09:04:00	39,8888	140,64	17,075	78,6977	116,241	0,11467
DogQ-40-5	12.08.2009 11:58:30	33,4362	132,905	15,5808	76,6618	393,602	0,1904
DogQ-40-5	12.08.2009 11:59:00	19,3578	181,777	15,1194	76,6618	390,082	0,44283
DogQ-40-5	12.08.2009 11:59:30	10,5588	173,69	15,0952	76,6618	368,253	0,64476
DogQ-40-5	12.08.2009 12:00:00	41,3553	113,215	15,071	76,6618	382,337	0,39235
DogQ-40-5	12.08.2009 12:01:00	23,1707	4,5708	16,8779	78,625	287,905	0,1904
DogQ-40-5	12.08.2009 12:01:30	27,8635	344,568	17,0257	78,7704	280,851	0,13991
DogQ-40-5	12.08.2009 12:02:00	38,129	312,221	17,001	78,6977	274,502	0,13991
DogQ-40-5	12.08.2009 12:02:30	19,6511	0,7032	17,0503	78,6977	277,324	0,13991
DogQ-40-5	12.08.2009 12:03:00	21,9975	49,224	17,1243	78,7704	111,288	0,29138
DogQ-40-5	12.08.2009 12:03:30	8,2124	9,4932	17,149	78,7704	121,901	0,13991
DogQ-40-5	12.08.2009 12:04:00	7,9191	184,238	17,149	78,7704	119,072	0,13991
DogQ-40-5	12.08.2009 12:04:30	8,799	265,458	17,149	78,8431	110,581	0,16516
DogQ-40-5	12.08.2009 12:05:00	31,6764	284,796	17,149	78,8431	111,288	0,13991
DogQ-40-6	12.08.2009 14:59:00	36,3692	273,896	16,3131	77,7525	380,225	0,24089
DogQ-40-6	12.08.2009 14:59:30	26,1037	244,362	16,1663	77,7525	382,337	0,29138
DogQ-40-6	12.08.2009 15:00:00	21,4109	231,001	16,1174	77,6797	383,745	0,29138
DogQ-40-6	12.08.2009 15:00:30	26,1037	246,472	16,0929	77,6797	382,337	0,29138
DogQ-40-6	12.08.2009 15:01:00	9,0923	197,599	16,3376	78,6977	242,745	0,29138
DogQ-40-6	12.08.2009 15:01:30	27,8635	278,467	17,0257	78,7704	235,685	0,39235
DogQ-40-6	12.08.2009 15:02:00	43,7017	277,412	17,0503	78,7704	237,097	0,13991
DogQ-40-6	12.08.2009 15:02:30	39,8888	286,202	17,075	78,7704	239,921	0,1904
DogQ-40-6	12.08.2009 15:03:30	14,665	281,28	17,149	78,8431	113,411	0,13991
DogQ-40-6	12.08.2009 15:04:00	24,3439	152,946	17,1737	78,8431	109,873	0,13991
DogQ-40-6	12.08.2009 15:04:30	15,8382	190,216	17,1737	78,8431	110,581	0,13991
DogQ-40-6	12.08.2009 15:05:00	12,9052	193,732	17,1737	78,8431	108,458	0,11467
DogQ-40-7	12.08.2009 17:59:30	51,6208	259,832	17,2478	78,6977	280,145	0,13991
DogQ-40-7	12.08.2009 18:00:00	38,4223	261,239	16,9764	78,4068	287,905	0,13991
DogQ-40-7	12.08.2009 18:00:30	31,3831	229,595	16,9271	78,5523	281,556	0,13991
DogQ-40-7	12.08.2009 18:01:00	34,0228	254,91	16,8779	78,4796	283,672	0,13991
DogQ-40-7	12.08.2009 18:02:00	31,9697	265,106	17,1984	78,8431	154,435	0,13991
DogQ-40-7	12.08.2009 18:02:30	37,2491	244,362	17,2231	78,8431	150,9	0,13991
DogQ-40-7	12.08.2009 18:03:00	39,5955	230,298	17,2231	78,8431	155,849	0,11467
DogQ-40-7	12.08.2009 18:03:30	43,7017	252,449	17,2231	78,8431	150,193	0,13991
DogQ-40-7	12.08.2009 18:04:00	32,8496	195,841	17,2231	78,9158	116,949	0,11467
DogQ-40-7	12.08.2009 18:04:30	19,9444	175,448	17,2231	78,8431	119,072	0,13991
DogQ-40-7	12.08.2009 18:05:00	17,598	154,704	17,2231	78,8431	116,241	0,13991
DogQ-40-7	12.08.2009 18:05:30	28,7434	116,731	17,2231	78,8431	119,779	0,13991
DogQ-40-8	12.08.2009 21:00:00	26,6903	312,572	15,7756	77,0981	383,745	0,1904
DogQ-40-8	12.08.2009 21:00:30	33,4362	310,463	15,5322	77,0981	387,97	0,39235
DogQ-40-8	12.08.2009 21:01:00	34,0228	312,221	15,5078	77,0981	392,898	0,39235
DogQ-40-8	12.08.2009 21:01:30	30,2099	357,929	15,4835	77,0981	395,01	0,39235
DogQ-40-8	12.08.2009 21:02:00	25,5171	22,1508	15,4835	77,607	286,494	0,39235
DogQ-40-8	12.08.2009 21:02:30	11,1454	13,7124	17,0257	78,7704	274,502	0,13991

Station	Date&Time (CEST)	Current speed [cm/s]	Current direction [°M]	Temperature [°C]	Conductivity [mS/cm]	Pressure [kPa]	Turbidity [NTU]
DogQ-40-8	12.08.2009 21:03:00	25,5171	110,754	17,075	78,7704	278,735	0,13991
DogQ-40-8	12.08.2009 21:03:30	14,665	83,3292	17,075	78,7704	279,44	0,13991
DogQ-40-8	12.08.2009 21:04:00	7,0392	111,457	17,075	78,7704	279,44	0,13991
DogQ-40-8	12.08.2009 21:04:30	8,799	115,325	17,1243	78,8431	115,534	0,13991
DogQ-40-8	12.08.2009 21:05:00	4,6928	134,311	17,1243	78,8431	116,949	0,13991
DogQ-40-8	12.08.2009 21:05:30	26,9836	270,38	17,1243	78,8431	113,411	0,13991
DogQ-40-8	12.08.2009 21:06:00	30,7965	270,029	17,1243	78,8431	111,288	0,13991
DogQ-40-9	12.08.2009 23:55:40	15,2516	86,8452	17,1243	76,9526	381,633	0,13991
DogQ-40-9	12.08.2009 23:56:12	4,6928	203,225	15,1679	76,6618	404,16	0,5438
DogQ-40-9	12.08.2009 23:56:44	24,9305	279,522	15,0952	76,6618	393,602	0,49331
DogQ-40-9	12.08.2009 23:57:16	33,1429	249,636	15,0952	76,6618	392,898	0,44283
DogQ-40-9	12.08.2009 23:58:20	33,4362	272,138	16,4847	78,7704	280,851	0,44283
DogQ-40-9	12.08.2009 23:58:52	57,7801	284,444	17,0257	78,6977	285,789	0,13991
DogQ-40-9	12.08.2009 23:59:24	3,2263	295,696	17,0257	78,7704	275,207	0,13991
DogQ-40-9	13.08.2009 00:00:00	22,8774	306,244	17,0257	78,6977	286,494	0,13991
DogQ-40-9	13.08.2009 00:01:04	48,3945	287,96	17,149	78,8431	110,581	0,13991
DogQ-40-9	13.08.2009 00:01:36	7,3325	228,188	17,149	78,8431	116,949	0,16516
DogQ-40-9	13.08.2009 00:02:08	7,0392	149,078	17,149	78,8431	118,364	0,1904
DogQ-40-10	13.08.2009 02:57:30	41,062	296,399	16,0929	77,607	370,366	0,29138
DogQ-40-10	13.08.2009 02:58:00	46,6347	307,65	16,044	77,607	378,112	0,29138
DogQ-40-10	13.08.2009 02:58:30	39,0089	304,486	16,0196	77,607	371,07	0,29138
DogQ-40-10	13.08.2009 02:59:00	36,0759	305,54	16,0196	77,607	363,323	0,29138
DogQ-40-10	13.08.2009 02:59:30	42,5285	304,837	16,7794	78,7704	227,213	0,29138
DogQ-40-10	13.08.2009 03:00:00	59,2466	300,97	17,0503	78,7704	230,037	0,11467
DogQ-40-10	13.08.2009 03:00:30	51,0342	286,554	17,0503	78,7704	232,155	0,13991
DogQ-40-10	13.08.2009 03:01:00	36,0759	290,07	17,0503	78,7704	223,682	0,13991
DogQ-40-10	13.08.2009 03:01:30	35,196	316,792	17,075	78,7704	230,037	0,13991
DogQ-40-10	13.08.2009 03:02:00	41,6486	324,175	17,075	78,7704	119,072	0,13991
DogQ-40-10	13.08.2009 03:02:30	30,5032	349,49	17,0503	78,7704	124,024	0,13991
DogQ-40-10	13.08.2009 03:03:00	18,1846	268,974	17,075	78,7704	116,949	0,13991
DogQ-40-10	13.08.2009 03:03:30	26,397	304,486	17,075	78,7704	125,439	0,13991
DogQ-40-11	13.08.2009 05:58:30	23,7573	232,056	15,9708	77,0254	370,366	0,13991
DogQ-40-11	13.08.2009 05:59:00	17,8913	248,933	15,5078	77,0981	362,618	0,29138
DogQ-40-11	13.08.2009 05:59:30	17,0114	226,43	15,4592	77,0981	367,549	0,39235
DogQ-40-11	13.08.2009 06:00:00	12,3186	237,682	15,4835	77,0981	362,618	0,3671
DogQ-40-11	13.08.2009 06:01:00	9,3856	138,179	16,9025	78,6977	217,326	0,13991
DogQ-40-11	13.08.2009 06:01:30	16,1315	165,604	16,9764	78,6977	219,445	0,13991
DogQ-40-11	13.08.2009 06:02:00	33,1429	168,768	17,001	78,6977	213,089	0,11467
DogQ-40-11	13.08.2009 06:02:30	21,7042	240,143	17,001	78,6977	218,033	0,13991
DogQ-40-11	13.08.2009 06:03:00	35,7826	274,248	17,001	71,6448	114,826	0,11467
DogQ-40-11	13.08.2009 06:03:30	34,3161	237,682	17,001	78,6977	110,581	0,13991
DogQ-40-11	13.08.2009 06:04:00	26,1037	206,389	17,0257	78,6977	116,241	0,11467
DogQ-40-11	13.08.2009 06:05:00	25,2238	288,664	17,0257	78,6977	114,119	0,1904
DogQ-40-12	13.08.2009 08:56:30	23,7573	122,357	16,9517	77,4616	347,12	0,13991
DogQ-40-12	13.08.2009 08:57:00	37,2491	140,288	15,8244	77,3889	352,756	0,29138
DogQ-40-12	13.08.2009 08:57:30	14,3717	74,8908	15,8	77,3889	339,369	0,29138
DogQ-40-12	13.08.2009 08:58:00	26,6903	5,274	15,7756	77,2435	336,551	0,29138
DogQ-40-12	13.08.2009 08:59:00	31,0898	19,6896	16,8779	78,6977	234,979	0,13991
DogQ-40-12	13.08.2009 08:59:30	31,0898	330,152	16,9517	78,6977	229,331	0,13991

Station	Date&Time (CEST)	Current speed [cm/s]	Current direction [°M]	Temperature [°C]	Conductivity [mS/cm]	Pressure [kPa]	Turbidity [NTU]
DogQ-40-12	13.08.2009 09:00:00	39,0089	318,55	16,9517	78,6977	230,743	0,11467
DogQ-40-12	13.08.2009 09:00:30	17,0114	207,796	16,9764	78,6977	225,8	0,11467
DogQ-40-12	13.08.2009 09:01:30	5,2794	191,27	16,9764	78,6977	111,288	0,11467
DogQ-40-12	13.08.2009 09:02:00	5,5727	179,668	16,9764	78,6977	111,996	0,13991
DogQ-40-12	13.08.2009 09:02:30	14,9583	145,562	16,9764	78,6977	108,458	0,13991
DogQ-40-12	13.08.2009 09:03:00	12,0253	111,809	16,9764	78,6977	121,901	0,13991
DogQ-40-12	13.08.2009 09:03:30	21,9975	117,083	16,9764	78,6977	116,949	0,11467
DogQ-40-13	13.08.2009 11:53:30	19,0645	130,795	15,5322	77,0981	371,07	0,3671
DogQ-40-13	13.08.2009 11:54:00	12,3186	137,827	15,4592	77,0254	373,887	0,3671
DogQ-40-13	13.08.2009 11:54:30	9,3856	333,317	15,4349	77,0254	374,591	0,34186
DogQ-40-13	13.08.2009 11:55:00	23,464	336,833	15,4106	77,0254	368,957	0,34186
DogQ-40-13	13.08.2009 11:55:30	10,8521	359,335	16,2886	78,6977	201,08	0,29138
DogQ-40-13	13.08.2009 11:56:00	7,3325	5,6256	17,001	78,6977	198,255	0,13991
DogQ-40-13	13.08.2009 11:56:30	4,6928	86,4936	17,0257	78,7704	206,025	0,13991
DogQ-40-13	13.08.2009 11:57:00	14,3717	78,0552	17,0503	78,7704	213,089	0,13991
DogQ-40-13	13.08.2009 11:57:30	20,2377	51,6852	17,0503	78,7704	207,438	0,13991
DogQ-40-13	13.08.2009 11:58:00	24,0506	43,2468	17,075	78,7704	167,867	0,13991
DogQ-40-13	13.08.2009 11:58:30	16,1315	51,3336	17,075	78,7704	113,411	0,13991
DogQ-40-13	13.08.2009 11:59:00	13,4918	198,654	17,075	78,7704	111,288	0,13991
DogQ-40-13	13.08.2009 11:59:30	23,464	167,362	17,075	78,7704	116,241	0,13991
DogQ-40-13	13.08.2009 12:00:00	49,2744	123,412	17,075	78,7704	113,411	0,1904
DogQ-40-14	13.08.2009 14:56:30	12,6119	13,0092	17,001	77,7525	373,887	0,13991
DogQ-40-14	13.08.2009 14:57:00	25,5171	5,6256	16,2397	77,7525	360,505	0,29138
DogQ-40-14	13.08.2009 14:57:30	39,5955	341,755	16,2152	77,8252	364,027	0,29138
DogQ-40-14	13.08.2009 14:58:00	39,5955	346,326	16,1907	77,7525	364,731	0,29138
DogQ-40-14	13.08.2009 14:58:30	33,4362	5,9772	16,1907	77,8979	371,07	0,29138
DogQ-40-14	13.08.2009 14:59:00	35,4893	1,758	16,9764	78,7704	280,851	0,11467
DogQ-40-14	13.08.2009 14:59:30	47,2213	3,516	17,0257	78,7704	274,502	0,11467
DogQ-40-14	13.08.2009 15:00:00	43,1151	7,032	17,0257	78,7704	269,563	0,11467
DogQ-40-14	13.08.2009 15:00:30	47,2213	347,732	17,075	78,7704	275,207	0,11467
DogQ-40-14	13.08.2009 15:01:00	46,6347	341,052	17,075	78,8431	122,609	0,1904
DogQ-40-14	13.08.2009 15:01:30	47,8079	351,6	17,1243	78,8431	122,609	0,13991
DogQ-40-14	13.08.2009 15:02:00	20,2377	331,559	17,149	78,8431	122,609	0,13991
DogQ-40-14	13.08.2009 15:02:30	32,8496	293,586	17,1243	78,8431	123,316	0,11467
DogQ-40-15	13.08.2009 17:57:30	21,9975	314,682	15,1679	76,6618	381,633	0,59428
DogQ-40-15	13.08.2009 17:58:00	33,7295	335,778	15,0952	76,6618	382,337	0,74572
DogQ-40-15	13.08.2009 17:58:30	31,9697	344,216	15,0467	76,6618	381,633	0,69524
DogQ-40-15	13.08.2009 17:59:00	41,062	338,239	15,0467	76,6618	370,366	0,59428
DogQ-40-15	13.08.2009 17:59:30	50,4476	337,888	16,2886	78,7704	254,038	0,64476
DogQ-40-15	13.08.2009 18:00:00	59,5399	324,527	17,075	78,7704	263,918	0,13991
DogQ-40-15	13.08.2009 18:00:30	46,928	333,668	17,075	78,7704	273,091	0,13991
DogQ-40-15	13.08.2009 18:01:00	34,0228	5,274	17,0997	78,7704	266,035	0,13991
DogQ-40-15	13.08.2009 18:02:00	41,062	345,623	17,1984	78,8431	127,561	0,13991
DogQ-40-15	13.08.2009 18:02:30	43,7017	307,65	17,1984	78,8431	122,609	0,13991
DogQ-40-15	13.08.2009 18:03:00	41,062	312,572	17,1984	78,9158	120,486	0,13991
DogQ-40-15	13.08.2009 18:03:30	23,1707	332,262	17,2231	78,8431	122,609	0,13991
DogQ-40-16	13.08.2009 20:56:00	17,3047	207,444	15,9464	76,9526	375,295	0,13991
DogQ-40-16	13.08.2009 20:56:30	21,1176	232,056	15,3135	76,8799	376,704	0,44283
DogQ-40-16	13.08.2009 20:57:00	22,2908	208,499	15,2892	76,8799	384,449	0,59428

Station	Date&Time (CEST)	Current speed [cm/s]	Current direction [°M]	Temperature [°C]	Conductivity [mS/cm]	Pressure [kPa]	Turbidity [NTU]
DogQ-40-16	13.08.2009 20:57:30	13,4918	221,86	15,2892	76,8799	376,704	0,44283
DogQ-40-16	13.08.2009 20:58:30	30,5032	321,011	17,1243	78,9158	237,097	0,13991
DogQ-40-16	13.08.2009 20:59:00	36,3692	281,983	17,1984	78,9158	234,979	0,13991
DogQ-40-16	13.08.2009 20:59:30	27,2769	223,618	17,1984	78,9158	235,685	0,13991
DogQ-40-16	13.08.2009 21:00:00	15,5449	303,431	17,2231	78,9158	239,215	0,13991
DogQ-40-16	13.08.2009 21:00:30	20,2377	286,554	17,2231	78,9158	122,609	0,13991
DogQ-40-16	13.08.2009 21:01:00	19,3578	253,152	17,2478	78,9158	116,949	0,13991
DogQ-40-16	13.08.2009 21:01:30	20,8243	278,819	17,2478	78,9158	116,241	0,13991
DogQ-40-16	13.08.2009 21:02:00	13,7851	292,531	17,2478	78,9158	124,024	0,13991
DogQ-40-16	13.08.2009 21:02:30	14,0784	255,613	17,2478	78,9158	113,411	0,13991