

R161/91-15

c.1

MED POL II. DÖNEM
UZUN SÜRELİ DENİZ KİRLİLİĞİ
ÖLÇÜM VE İZLEME PROJESİ
AKDENİZ KESİMLİ

1991 YILI
FINAL RAPORU

DESTEKLEYEN KURULUŞ

ÇEVRE BAKANLIĞI

ORTA DOĞU TEKNİK ÜNİVERSİTESİ
DENİZ BİLİMLERİ ENSTİTÜSÜ

ŞUBAT, 1991 (1991)

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TEŞEKKÜR

Akdeniz Eylem Planı (MAP) uyarınca Akdeniz'in kirlilik durumunun tespiti amacıyla MED POL II. DÖNEM Çalışmaları kapsamında 1991 yılı için Kuzeydoğu Akdeniz'de kıyısal ve 100 mil açığa kadar olan alanlarda mevsimsel aralıklarla deniz saha çalışmaları yapılmış ve yerinde yapılan ölçümler ile toplanan örneklerde doğal ve kirletici parametreler Orta Doğu Teknik Üniversitesi Deniz Bilimleri Enstitüsü bilgisayar ve kimya laboratuvarlarında ölçülmüş ve analiz edilmiştir. Bu İzleme Programını destekleyen Çevre Bakanlığına teşekkürül bir borç biliriz.

Sunulan çalışmaya katkıda bulunan Orta Doğu Teknik Üniversitesi Deniz Bilimleri Enstitüsü'ndeki araştırmacı ve teknik personel ile deniz saha çalışmalarına katkıda bulunan R/V Bilim gemisi personeline teşekkür ederiz.

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GİRİŞ:

Akdeniz Eylem Planı (MAP) çerçevesinde Akdeniz'in kirlilik durumunun tespiti amacıyla MED-POL II. Dönem Uzun Süreli İzleme çalışmaları kapsamında 1991 yılında Kuzeydoğu Akdeniz'de İlkbahar, yaz ve sonbahar mevsimlerinde oşinografik ölçümeler yapılmıştır. Aşağıda seferlerin yapıldığı tarihler belirtilmiştir.

Mart, 1991 (İlkbahar dönemi)

Augustos, 1991 (Yaz dönemi)

Ekim, 1991 (Sonbahar dönemi)

Deniz saha çalışmalarını takiben evsel ve endüstriyel atıkların verildiği noktalar ile nehirlerde örneklemeye yapılmıştır. Kaynak istasyonlarında örneklemeye karadan yapılmış ve gerek endüstriyel ve evsel atıklarda gerekse nehir ağızlarında örnekler kaynağın denize ulaşlığı yerde ve tuzluluğun sıfır olduğu noktadan alınmıştır. Aşağıda kaynak istasyonlarında örneklemeye yapılan tarihler verilmiştir.

Nisan, 1991 (İlkbahar dönemi)

Augustos, 1991 (Yaz dönemi)

Kasım-Aralık, 1991 (Sonbahar-kış dönemi)

Nisan, 1991 döneminde kaynak örneklerinin toplanmasında aksaklılıklar olmuştur. SEKA Akdeniz Müessesesi bakım-onarımda olduğu için deşarj havuzlarında atıksu olmaması nedeniyle örneklemeye yapılamamıştır. Toros Gübre Fabrikasında Körfez krizi nedeniyle üretimde aksamalar olmuş ve bazık atık su kanalında atık bulunmaması nedeniyle örneklemeye yapılamamıştır. Ceyhan nehrinden daha önceki yıllarda örneklemeye yapılan noktanın 50-100 m daha iç kısmından örneklemeye yapılmıştır. Bu nokta bağlı olarak daha temizdir. Augustos, 1991 de ise Taşucu-İskenderun arasında yer alan ve Şekil 1'de gösterilen kaynak istasyonlarında örnek toplama tam

olarak yapılmış ve Örneğin Demir-Çelik fabrikasında evsel atık noktası, haddahane atık noktası, genel fabrika atık noktası ve kok Unitesinin atık verdiği nokta olmak üzere 4 ayrı yerde örneklemeye yapılmıştır. Ayrıca Sarıseki Gübre fabrikası deşarj noktasında örneklemeye yapılmıştır. Kasım-Aralık, 1991 döneminde ise Taşucu-Ceyhan arasında kalan kaynak istasyonlarına gidilebilmistiştir. İskenderun körfezi çevresinde yer alan kaynak istasyonlarına gidilememiştir.

İlk deniz saha çalışması Mart, 1991'de Kuzeydoğu Akdeniz kesiminde Marmaris'ten İskenderun'a kadar olan deniz kesimindeki izleme çalışmalarını kapsamakta olup 1991 yılı I. ARA RAPOR'u olarak ayrıca sunulmuştur. Ancak bazı analizlerin tamamlanmasıyla bu döneme ait sonuçlar 1991 yılı FİNAL RAPORU'nda tekrar verilmektedir. Yaz dönemi deniz saha çalışmaları Ağustos, 1991'de yapılmış ve bu Raporla sunulmaktadır. Ekim, 1991'de gerçekleştirilen sonbahar seferinde ise Marmaris-Mersin arasında kalan bölgedeki istasyonlarda ölçüm yapılabilmış ve örnek toplanabilmistiştir. Bu saha çalışması Marmaris'ten başlamış ancak Kıbrıs'ın batısında (Mersin körfezi açısından) çalışma yapılrken Sea Bird Model 9 CTD Probu ile bu proba bağlı Rosette otomatik su örnekleyicisi denize düşürülmüştür. Bu nedenle bu saha çalışması burada kesilmiştir. Ancak daha sonra Mersin körfezinde kıyı istasyonlarında su örneklemesi Erdemli teknesi ile ve Nansen şişeleri kullanılarak yapılmıştır. Bu dönemde İskenderun körfezindeki istasyonlara gidilememiştir. MED-POL II. Dönem çalışmalarında Kuzeydoğu Akdeniz'de ölçüm yapılan kıyı, kaynak ve açık deniz istasyonları Şekil 1a ve 1b' de gösterilmiştir.

Mart, Ağustos ve Ekim 1991 dönemlerinde kıyı ve açık deniz istasyonlarında toplanan deniz suyu örneklerinde analiz edilen biyokimyasal ve kirletici parametreler yerinde ölçüm yapılan fiziksel bulgular ile birlikte istasyon bazında ve sırasıyla Çizelge 1, Çizelge 2 ve Çizele 3'de verilmiştir. Çizelge 1'den görüleceği üzere taraflarca imzalanan protokole göre ölçümü istenen parametrelerin tümü ölçülmüş ve tabloya dahil edilmiştir. Bu dönemde asılı katkıda ölçümü gereken halojenli hidrokarbonlar analizleri yapılmasına karşın yöntemin ve kullanılan aletin hassasiyet limitlerinin üzerinde hiçbir sonuç elde edilememesi nedeniyle Çizege 1'e dahil edilmemiştir.

Aralık, 1991'de Çevre Bakanlığının sunulan Final Raporunda, Ağustos, 1991'de kıyı ve referans istasyonlarında analizi tamamlanmayan ve (AE)olarak Çizelge 2'de gösterilen suda civa, asılı katkıda COD ve asılı katkıda halojenli hidrokarbon analizleri tamamlanarak sonuçlar söz konusu Çizelgeye eklenmiştir. Ekim 1991 için de durum aynıdır ve suda civa, asılı katkıda kimyasal oksijen ihtiyacı ölçümlerine ait sonuçlar analizlerin tamamlanmasıyla Çizelge 3'de verilmiştir. Mart 1991 döneminde olduğu gibi asılı katkıda analizleri yapılan halojenli hidrokarbonlar, kullanılan aletin ve yöntemin duyarlılık sınırlarının Üzerinde sonuç vermediği için Çizelgeye dahil edilmemiştir.

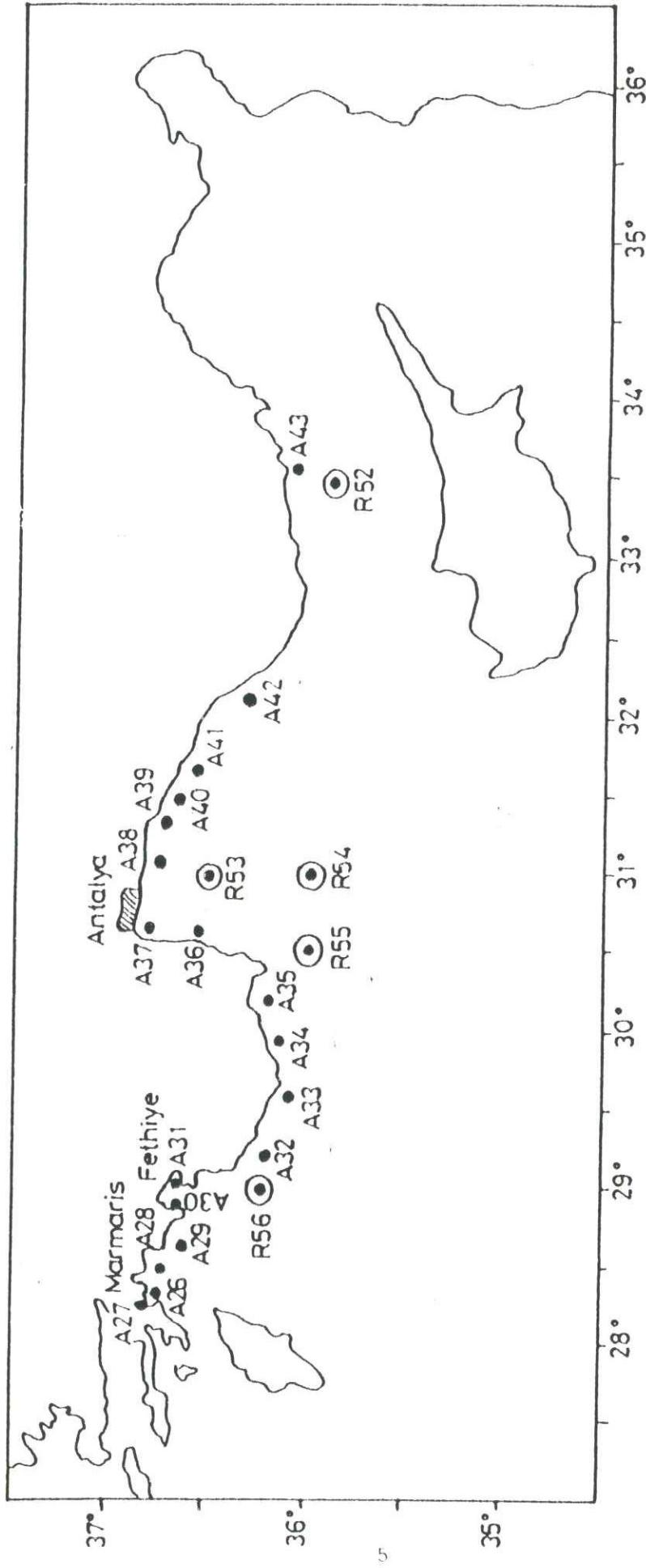
Mart, 1991 deniz saha çalışmasını takiben karadan gidilmek suretiyle Protokolde belirlenen kaynak istasyonlarında (nehirler, endüstri kuruluşlarına ait deşarj noktaları ve şehir kanalizasyon atık noktalarında) Nisan, 1991; Ağustos, 1991 ve Kasım-Aralık 1991 dönemlerinde örneklenen sularda analiz edilen biyokimyasal ve kirletici parametreler sırasıyla Çizelge 4, 5 ve 6'da verilmektedir. Çizelgelerden görüleceği üzere ölçümeli istenen parametreler analizleri tamamlanarak bu çizelgelerde sunulmuştur. Kaynak sularında ölçümeli istenen toplam fosfor ve toplam azot analizleri Ağustos ve Aralık, 1991 dönemlerinde yapılamamıştır. Kaynak istasyonlarında örneklenen sularda asılı katkıda ölçülen kirletici parametrelerle ait sonuçlar ise Çizelge 7'de verilmiştir. Çizelgeden görüleceği üzere kaynak sularında asılı katkıda ağır metal analizleri ve halojenli hidrokarbon analizleri sonuçları verilmiştir. Ancak kaynak sularında asılı katkıda halojenli hidrokarbon analiz sonuçlarına göre kullanılan aletin ve yöntemin duyarlılık limitlerinin Üzerinde sonuç elde edilememiştir.

Kuzeydoğu Akdeniz kıyı istasyonlarında Mart, 1991 döneminde örneklenen sedimanların analizleri tamamlanmış ve sedimanda ölçülen ağır metaller (Hg ve Cd) ile poliaromatik petrolhidrokarbonlarına ait sonuçlar Çizelge 8'de sunulmuştur. Aralık, 1991 de sunulan Final Raporunda Çizelge 8'de verilen ağır metal sonuçları yanlışlıkla sedimanda kuru ağırlıktaki miktar olarak verilmiştir. Bu Raporda bu yanlışlık düzelttilerek elde edilen sonuçlar yaş ağırlık olarak düzelttilmiştir. Aynı şekilde düzeltme EK-1'de verilen kısaltmalar ve Birimler kısmında da yapılmıştır.

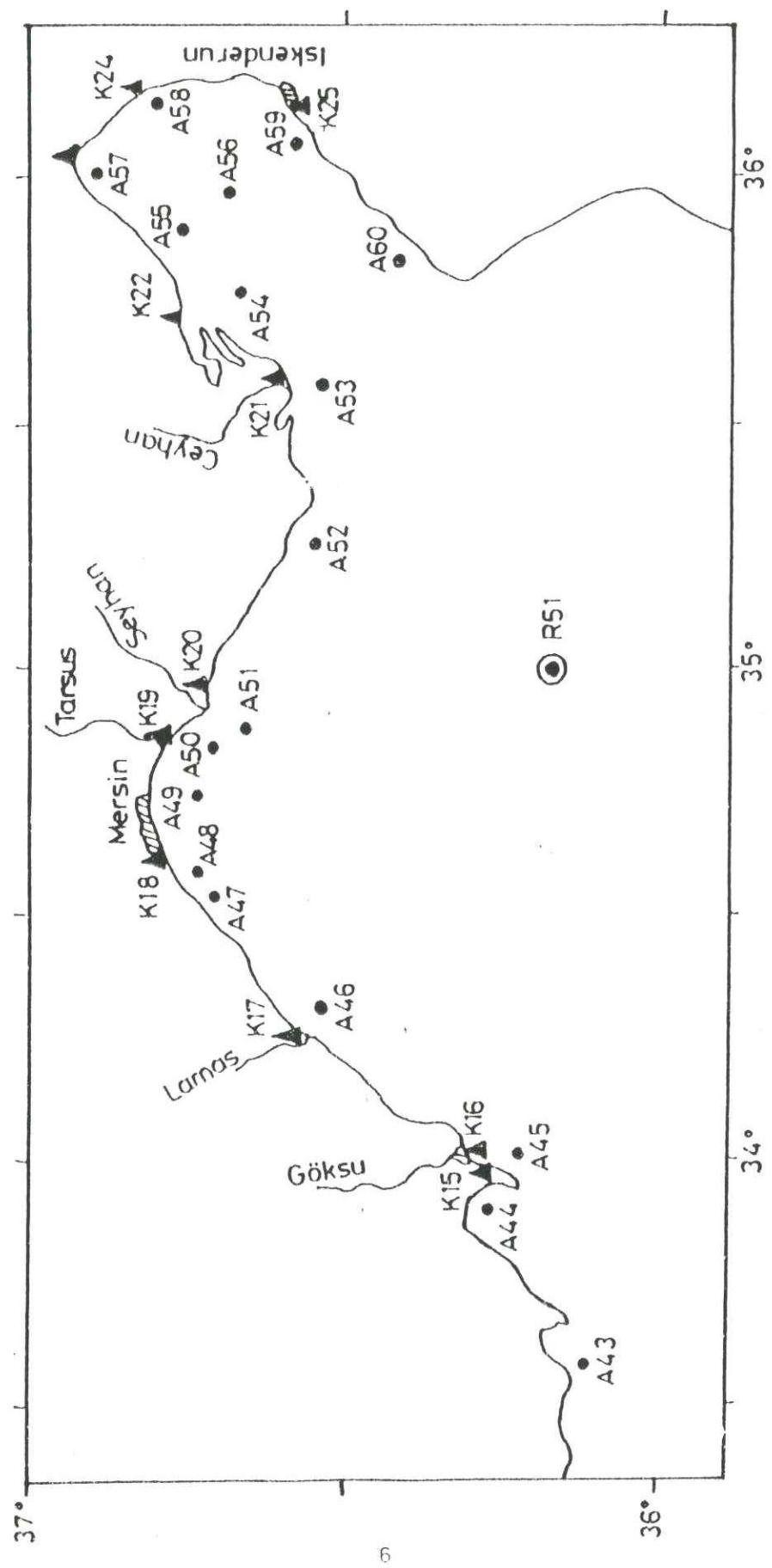
Mart, 1991 döneminde Tırtar ve Mersin bölgelerinde, Temmuz-Ağustos, 1991'de Tırtar ve İskenderun bölgelerinde ve Eylül-Ekim, 1991'de Lamas-Tırtar arasında ve Mersin limanı çevresinde örneklenen balıklarda (Barbunya ve Kefal) yapılan ağır metal ve poliaromatik petrol hidrokarbonları analizlerine ait sonuçlar Çizelge 9'da verilmiştir.

Çizelge 10'da ise Mart, 1991 döneminde Tırtar ve Mersin bölgelerinde, Temmuz-Ağustos, 1991'de Tırtar ve İskenderun bölgelerinde ve Eylül-Ekim, 1991'de Lamas-Tırtar arasında ve Mersin limanı çevresinde örneklenen balıklarda (Barbunya ve Kefal) yapılan Halojenli hidrokarbon analizlerine ait sonuçlar verilmiştir. Bu analizler gaz kromatografik yöntemeyle yapıldığı için örneklerde var olan değişik türevler ayrı ayrı detaylı olarak çizemeye dahil edilmiştir. Bu Çizelge'ye sedimanda aynı parametrelere ait sonuçlar da dahil edilmiştir.

Çizelge 11'de üç mevsimde avlanan balıklarda ve ilkbahar döneminde örneklenen sedimanda analiz edilen Poliaromatik Hidrokarbonlara ait sonuçlar verilmiştir. Çizelgeden görüleceği üzere naftalin dışında diğer poliaromatik hidrokarbonlara rastlanmamıştır.



Şekil 1.a. 1991 yılında Kuzeydoğu Akdeniz'de Taşucu'nun batısında
kalan kesimde ölçülmüş yapılan kıyı (A) ve kıyılığısı (R)
yatassyonları



Şekil 1.3. 1991 yılında Med Pol projesi kapsamında Mersin ve İskenderun körfezlerinde ölçülmüş yapılan kıyı(A) ve kıyıötesi(R) istasyonlar

Çizelge 1. Mart 1991 döneminde Kuzeydoğu Akdeniz'de Şekil 1'de gösterilen kıyı(A) ve referans(R) istasyonlarında istasyon bazında, yüzey sularında ve standart derinliklerde ölçülen fiziksel, biyokimyasal ve kirletici parametrelere ait sonuçlar

STATION NUMBER: A-25	SEASON:	
TOTAL DEPTH: 41.0 m.	STATION TYPE:	
PLACE:	CHARACTER	
DATE: 15-03-91	TIME: 09:50	LONGITUDE: 27.42°
BAROMETRIC PRESSURE:	AIR TEMPERATURE:	LATITUDE: 36.43°
CLOUD:	WAVE STATE:	WIND:
SECCHI DISK DEPTH:	VISIBILITY:	WIND DIRECTION:
DS:	TR:	TSS: 2.27
SD/Hg:	SD/Cd:	SD/PH:
SW/Hg:	SW/Cd:	SW/PH:
SH/Hg:	SH/Cd:	FC/0m.: 0
BOD-5:	COD:	FC/2m.:

DEPTH	T	S	SI-T	DO	DO (WINK)	HO3-N		Si	pH	CHL-a
						HO4-P	HO2-H			
0.	16.31	39.29	28.98	9.23		0.04		0.65	1.50	0.13
5.	16.33	39.29	28.97	8.56						
10.	16.33	39.28	28.97	8.24		0.04		0.60	1.15	0.22
15.	16.32	39.28	28.97	8.24						
20.	16.32	39.28	28.97	8.24		0.03		0.60	1.27	0.32
30.	16.31	39.28	28.97	8.21		0.03		0.46	1.83	0.62

STATION NUMBER:A-25	SEASON:	
TOTAL DEPTH: 76.0 m.	STATION TYPE:	
PLACE:	CHARACTER	
DATE: 15-03-91	TIME: 15:20	LONGITUDE: 28.19°
BAROMETRIC PRESSURE:	AIR TEMPERATURE:	LATITUDE: 36.46°
CLOUD:	WAVE STATE:	WIND:
SECCHI DISK DEPTH:	VISIBILITY:	WIND DIRECTION:
DS:	TR:	TSS: 1.00
SD/Hg:	SD/Cd:	SD/PH:
SW/Hg:	SW/Cd:	SW/PH:
SH/Hg:	SH/Cd:	FC/0m.: 0
BOD-5:	COD:	FC/2m.:

DEPTH	T	S	SI-T	DO	DO (WINK)	HO3-N		Si	pH	CHL-a
						HO4-P	HO2-H			
0.	16.02	39.37	29.11	9.73		0.04		0.67	4.27	8.15
5.	16.13	39.23	28.97	8.64						
10.	16.16	39.18	28.93	8.39		0.05		0.41	3.76	8.10
15.	16.12	39.18	28.94	8.38						
20.	16.37	39.24	28.93	8.24		0.03		0.14	2.90	8.15
25.	16.37	39.27	28.95	8.15						
30.	16.35	39.28	28.96	8.14		0.02		0.19	2.93	8.10
40.	16.32	39.27	28.96	8.13						
50.	16.35	39.28	28.96	8.06						

STATION NUMBER:0-27
 TOTAL DEPTH: 60.0 m.
 PLACE:
 DATE:15-03-91
 BAROMETRIC PRESSURE:
 CLOUD:
 SECCHI DISK DEPTH:
 DS:
 SB/Hd:NE
 SW/Hd:
 SH/Hd:
 BOD-5:0.36

SEASIDE:
 STATION TYPE:
 CHARACTER
 TIME:14:40
 AIR TEMPERATURE:
 LATITUDE:36.49°
 WAVE STATE:
 VISIBILITY:
 WIND:
 WIND DIRECTION:
 TR:
 SB/Hd:NE
 SW/Hd:
 SH/Hd:
 DOB:15:54
 SW/Hd:
 SW/Hd:
 EC/0m.10
 EC/2m.1

DEPTH	T	S	ST-T	DO	DO (WINK)	HO3-H		SI	RH	CHL-a	
						HO4-P	HO2-N				
0.	16.17	39.97	29.77	8.77		0.02		0.44	4.14	8.15	0.63
5.	16.06	39.00	29.82	8.78							
10.	15.92	39.03	29.87	8.71		0.03		0.28	3.18	8.10	0.37
15.	16.02	39.13	29.91	8.67							
20.	16.05	39.16	29.94	8.43		0.02		0.25	3.50	8.15	0.23
25.	16.01	39.16	29.95	8.30							0.57
30.											
40.						0.02		0.25	2.82	8.15	
50.						0.02		0.28	1.40	8.10	
60.											

STATION NUMBER:0-28
 TOTAL DEPTH: 228.0 m.
 PLACE:
 DATE:15-03-91
 BAROMETRIC PRESSURE:
 CLOUD:
 SECCHI DISK DEPTH:
 DS:
 SB/Hd:
 SW/Hd:
 SH/Hd:
 BOD-5:

SEASIDE:
 STATION TYPE:
 CHARACTER
 TIME:16:30
 AIR TEMPERATURE:
 LATITUDE:36.43°
 WAVE STATE:
 VISIBILITY:
 WIND:
 WIND DIRECTION:
 TR:
 SB/Hd:
 SW/Hd:
 SH/Hd:
 DOB:0.25
 SW/Hd:
 SW/Hd:
 EC/0m.10
 EC/2m.1

DEPTH	T	S	ST-T	DO	DO (WINK)	HO3-H		SI	RH	CHL-a
						HO4-P	HO2-N			
0.	16.62	39.19	29.82	8.59		0.02		0.50	2.23	8.15
5.	16.48	39.27	29.92	8.30						
10.	16.42	39.28	29.95	8.21		0.06		0.36	1.27	8.10
15.	16.42	39.27	29.94	8.17						
20.	16.42	39.28	29.94	8.06		0.02		0.52	1.46	8.10
25.	16.42	39.28	29.94	8.04						
30.	16.42	39.28	29.95	8.00		0.02		0.33	1.27	8.15
40.	16.41	39.28	29.95	7.95						
50.	16.40	39.28	29.95	7.83		0.02		0.39	1.59	8.10
60.	16.40	39.28	29.95	7.88						
70.	16.39	39.28	29.95	7.84						
75.	16.39	39.28	29.95	7.80		0.02		0.36	1.40	8.15
80.	16.39	39.28	29.95	7.82						
90.	16.39	39.28	29.95	7.82						
100.	16.39	39.29	29.95	7.79		0.02		0.33	1.34	8.10
125.	16.39	39.28	29.95	7.76		0.04		0.33	1.27	8.10
150.	16.36	39.28	29.96	7.69		0.04		0.33	1.29	8.10
175.						0.03		0.34	1.30	8.10
200.						0.04		0.34	1.52	8.10

STATION NUMBER:0-29

TOTAL DEPTH: 87.0 m.

PLACE:

DATE:15-03-91

BAROMETRIC PRESSURE:

CLOUD:

SECCHI DISK DEPTH:

SEASON:

STATION TYPE:

CHARACTER

LONGITUDE:28.55°

LATITUDE:36.41°

WIND:

WIND DIRECTION:

DR:

TR:

TSS:1.08

SD/Hd:NE

SD/Hd:NE

SD/Hd:NE

SW/Hd:S,6

SW/Hd:

SW/Hd:2.60

SW/Hd:H,D

SW/Hd:24.27

EC/0m.:10

BOD-5:0.46

COB:

EC/2m.:1

HII:

DEPTH	T	S	SI-T	DO	DO (WTW)	HO3-H		SI	NI	CHL-a	
						HO2-H	HO2-H				
0.	16.33	39.29	28.97	7.29		0.02		0.28	2.23	8.10	0.47
5.	16.58	39.25	28.89	7.29							
10.	16.58	39.24	28.87	8.09		0.05		0.19	1.53	8.10	0.59
15.	16.51	39.24	28.89	8.09							
20.	16.49	39.26	28.91	8.03		0.02		0.30	1.59	8.10	
25.	16.47	39.27	28.93	7.95							
30.	16.47	39.27	28.93	7.95		0.02		0.50	1.46	8.10	0.23
40.	16.45	39.28	28.94	7.91							
50.	16.44	39.28	28.94	7.69		0.04		0.47	1.21	8.10	0.18
60.	16.44	39.28	28.94	7.68							
70.	16.44	39.28	28.95	7.66							
75.						0.04		0.36	2.42	8.10	

STATION NUMBER:0-30

TOTAL DEPTH: 126.0 m.

PLACE:

DATE:15-03-91

BAROMETRIC PRESSURE:

CLOUD:

SECCHI DISK DEPTH:

SEASON:

STATION TYPE:

CHARACTER

LONGITUDE:28.57°

LATITUDE:36.41°

WIND:

WIND DIRECTION:

DR:

TR:

TSS:4.60

SD/Hd:

SD/Hd:

SD/Hd:

SW/Hd:

SW/Hd:

SW/Hd:

SM/Hd:

SM/Hd:

EC/0m.:10

BOD-5:

COB:

EC/2m.:1

DEPTH	T	S	SI-T	DO	DO (WTW)	HO3-H		SI	NI	CHL-a
						HO2-H	HO2-H			
0.	16.70	39.11	28.74	7.81		0.02		0.11	1.59	8.10
5.	16.57	39.20	28.84	8.01						
10.	16.52	39.24	28.89	8.09		0.03		0.22	1.92	8.10
15.	16.50	39.25	28.90	8.07						
20.	16.50	39.25	28.90	8.00		0.03		0.14	1.40	8.10
25.	16.47	39.26	28.91	8.05						
30.	16.47	39.25	28.91	8.00		0.03		0.52	2.07	8.10
40.	16.48	39.26	28.92	7.93						
50.	16.47	39.27	28.92	7.83		0.04		0.61	1.85	8.10
60.	16.47	39.27	28.93	7.72						
70.	16.46	39.27	28.93	7.70						
75.	16.44	39.27	28.93	7.68		0.03		0.66	1.78	8.10
80.	16.44	39.28	28.94	7.64						
90.	16.44	39.28	28.90	7.61						
100.	16.43	39.28	28.94	7.61				1.27	8.10	

STATION NUMBER:0-31

TOTAL DEPTH: 40.0 m.

PLACE:

DATE:15-03-91

BAROMETRIC PRESSURE:

CLOUD:

SECCHI DISK DEPTH:

SEASITE:

STATION TYPE:

CHARACTER

LONGITUDE:29. 4°

LATITUDE:36.40°

WIND:

WIND DIRECTION:

OS:

TR:

168±2.68

SD/Hg:

SD/cd:

SD/Hg:

SW/Hg:

SW/cd:

SW/Hg:

SM/Hg:

SM/cd:

FC/0m.: 0

BOD-5:0.32

COO:

FC/2m.:

DEPTH	T	S	ST-T	DO	DO (WINK)	HO3-H		SI	HI	CHL-a
						H02-H	H02-H			

0.	17.64	39.75	28.24	8.02		0.02		0.20	2.35	8.10
5.	16.96	39.14	28.71	8.19						
10.	16.69	39.22	28.83	8.21		0.04		0.19	1.53	8.10
15.	16.60	39.28	28.80	8.14						
20.	16.49	39.26	28.91	8.03		0.02		0.18	1.06	8.10
30.	16.46	39.27	28.92	7.91		0.02		0.22	1.82	8.10

STATION NUMBER:032

TOTAL DEPTH: 580.0 m.

PLACE:

DATE:18-03-91

BAROMETRIC PRESSURE:

CLOUD:

SECCHI DISK DEPTH:

SEASITE:

STATION TYPE:

CHARACTER

LONGITUDE:29.13°

LATITUDE:36.13°

WIND:

WIND DIRECTION:

OS:

TR:

155±1.10

SD/Hg:

SD/cd:

SD/Hg:

SW/Hg:3.9

SW/cd:

SW/Hg:3.45

SM/Hg:1.37

SM/cd:0.10

FC/0m.:0

BOD-5:0.21

COO:0.13

FC/2m.:

III:

DEPTH	T	S	ST-T	DO	DO (WINK)	HO3-H		SI	HI	CHL-a	
						H02-H	H02-H				
0.	16.51	39.14	28.82		7.46	0.03		0.59	1.60	8.10	0.28
5.	16.53	39.27	28.91	9.60							
10.	16.50	39.31	28.95	9.10	7.50	0.03		0.59	1.60	8.15	0.12
15.	16.47	39.29	28.94	8.94							
20.	16.44	39.29	28.95	8.88	7.50	0.03		0.53	1.46	8.10	0.18
25.	16.43	39.29	28.95	8.76							
30.	16.41	39.29	28.95	8.65	7.50	0.02		0.56	0.35	8.20	0.17
40.	16.38	39.28	28.96	8.52							
50.	16.38	39.28	28.96	8.50	7.49	0.02		0.56	0.65	8.20	0.18
60.	16.37	39.28	28.96	8.50							
70.	16.37	39.28	28.96	8.35							
75.	16.37	39.28	28.96	8.41	7.48	0.02					
80.	16.32	39.28	28.96	8.35							
90.	16.32	39.28	28.96	8.34							
100.	16.35	39.28	28.97	8.24	7.51	0.02					
125.	16.34	39.28	28.96	8.21							
150.	16.33	39.28	28.96	8.16	7.49	0.03		0.92	1.53	8.15	
200.	16.26	39.26	28.97	8.05	7.47	0.02		0.72	1.67	8.15	
250.	16.21	39.25	28.98	7.92							
300.	15.97	39.21	28.99	7.89	7.51	0.02		0.76	1.67	8.15	
400.	15.53	39.12	29.03	7.54	7.20	0.05		1.61	2.57	8.10	
500.	14.83	39.07	29.03	6.96	6.59	0.11		3.73	4.44	8.10	

STATION NUMBER: A33
 TOTAL DEPTH: 200.0 m.
 PLACE:
 DATE: 19-03-91
 BAROMETRIC PRESSURE:
 CLOUD:
 SECCHI DISK DEPTH:
 OS:
 SD/Hgt:
 SW/Hgt:
 SH/Hgt:
 BOD-5: 0.44

SEASIDE:
 STATION TYPE:
 CHARACTER
 TIME: 21:10
 AIR TEMPERATURE:
 WAVE STATE:
 VISIBILITY:
 TR:
 SB/cd:
 SW/cd:
 SH/cd:
 EC/0m.: 0
 EC/2m.: 1

DEPTH	T	S	SI-T	B0	B0	B04-P	B02-N	HO3-H				
								B02-N	I	SI	NH	CHL-A
0.	16.50	39.30	28.94	8.93	7.53	0.04		0.99	1.12	8.15		
5.	16.49	39.28	28.93	8.80								
10.	16.44	39.23	28.95	8.42	7.48	0.04		0.54	1.33	8.15		
15.	16.42	39.29	28.95	8.24								
20.	16.42	39.29	28.95	8.14	7.46	0.03		0.02	1.60	8.15		
25.	16.41	39.29	28.95	8.03								
30.	16.41	39.23	28.95		7.48	0.03		0.46	1.15	8.20		
40.	16.40	39.29	28.96	7.89								
50.	16.39	39.29	28.96	7.77	7.44	0.03		0.43	1.09	8.20		
60.	16.39	39.29	28.96	7.75								
70.	16.39	39.29	28.96	7.68								
75.	16.39	39.29	28.96	7.70	7.50	0.02		0.56	1.22	8.20		
80.	16.40	39.28	28.95	7.72								
90.	16.40	39.29	28.96	7.64								
100.	16.40	39.29	28.96	7.62	7.50	0.03		0.62	1.54	8.20		
125.	16.35	39.28	28.96	7.64								
150.	16.32	39.27	28.96	7.59	7.50	0.03		0.69	1.54	8.20		

STATION NUMBER: A34
 TOTAL DEPTH: 42.0 m.
 PLACE:
 DATE: 19-03-91
 BAROMETRIC PRESSURE:
 CLOUD:
 SECCHI DISK DEPTH:
 OS:
 SD/Hgt:
 SW/Hgt:
 SH/Hgt:
 BOD-5:

SEASIDE:
 STATION TYPE:
 CHARACTER
 TIME: 00:10
 AIR TEMPERATURE:
 WAVE STATE:
 VISIBILITY:
 TR:
 SB/cd:
 SW/cd:
 SH/cd:
 EC/0m.: 37
 EC/2m.: 1

DEPTH	T	S	SI-T	B0	B0	B04-P	B02-N	HO3-H				
								B02-N	I	SI	NH	CHL-A
0.	16.59	39.16	28.04	8.43	7.70	0.05		0.66	2.63	8.10		
5.	16.57	39.24	28.11	8.43								
10.	16.45	39.23	28.90	8.32	7.53	0.04		0.72	1.92	8.10		
15.	16.48	39.24	28.90	8.11								
20.	16.48	39.26	28.92	8.13	7.50	0.04		0.54	1.54	8.10		
25.	16.49	39.26	28.92	8.05								
30.					7.44	0.03		0.79	1.86	8.10		

STATION NUMBER:A35
 TOTAL DEPTH: 344.0 m.
 PLACE:
 DATE:19-03-91
 BAROMETRIC PRESSURE:
 CLOUD:
 SECCHI DISK DEPTH:
 DS:
 SD/Hgt:
 SW/Hgt:
 SM/Hgt:
 BOD-5:
 SEASON:
 STATION TYPE:
 TIME:01:55
 AIR TEMPERATURE:
 WAVE STATE:
 VISIBILITY:
 CHARACTER
 LONGITUDE:30.14°
 LATITUDE:36.14°
 WIND:
 WIND DIRECTION:
 TSS:4.78
 SD/Hgt:
 SW/Hgt:
 SM/Hgt:
 EC/0m.:0
 EC/2m.:0

DEPTH	T	S	ST-T	DO	DO (WINK)	HO3-N		HO2-N		SI	HI	CHL-a
						HO1-D	HO2-H	+	HO2-N			
0.	16.82	39.05	28.67		7.54	0.03		0.33	1.15	8.10	0.63	
5.	16.62	39.22	28.85	8.45				0.30	1.28	8.10		
10.	16.54	39.28	28.92	8.27	7.54	0.03		0.31	1.35	8.10	0.11	
15.	16.53	39.29	28.92	8.22				0.35	1.35	8.10	0.03	
20.	16.53	39.29	28.92	8.15	7.55	0.02		0.51	1.41	8.10	0.17	
25.	16.53	39.29	28.93	8.12				0.38	1.22	8.10	0.18	
30.	16.53	39.29	28.93	8.02	7.50	0.02		0.39	1.22	8.10	0.10	
40.	16.53	39.30	28.93	7.97				0.39	1.22	8.10	0.10	
50.	16.53	39.30	28.93	7.89	7.42	0.02		0.51	1.41	8.10	0.17	
60.	16.53	39.30	28.93	7.83				0.36	1.35	8.10	0.10	
70.	16.52	39.30	28.93	7.80				0.38	1.22	8.10	0.18	
75.	16.52	39.30	28.94	7.77	7.50	0.02		0.39	1.22	8.10	0.18	
80.	16.52	39.30	28.94	7.77				0.39	1.22	8.10	0.10	
90.	16.49	39.29	28.94	7.72				0.39	1.22	8.10	0.10	
100.	16.49	39.29	28.94	7.75	7.54	0.02		0.39	1.22	8.10	0.10	
125.	16.47	39.29	28.94	7.71				0.39	1.22	8.10	0.10	
150.	16.42	39.29	28.95	7.63	7.77	0.02		0.36	1.35	8.10		
200.	16.31	39.27	28.96	7.46	7.37	0.02		0.86	1.54	8.10		
250.	16.26	39.27	28.97	7.50								
300.	16.27	39.27	28.97	7.40	7.37	0.02		1.03	1.28	8.10		

STATION NUMBER:A-36
 TOTAL DEPTH: 340.0 m.
 PLACE:
 DATE:04-03-91
 BAROMETRIC PRESSURE:
 CLOUD:
 SECCHI DISK DEPTH:

SEASIDE:
 STATION TYPE:
 TIME:19:00
 AIR TEMPERATURE:
 WAVE STATE:
 VISIBILITY:

CHARACTER
 LONGITUDE:30.38°
 LATITUDE:36.32°
 WIND:
 WIND DIRECTION:

DS:
 SD/Hg:AE
 SW/Hg:3.9
 SM/Hg:1.66
 PDB-5:0.28

TR:
 SD/Cd:AE
 SW/Cd:
 SM/Cd:5.67
 CDB:0.29

TSS:4.08
 SD/HI:AE
 SW/HI:5.12
 EC/0m.:0
 EC/2m.:
 IRI:

DEPTH	T	S	SI-T	DO	DO (WINK)	PO4-P	NO2-N	NO3-N				SI	HI	CHL-a
								H02-H	+H02-H					
0.	16.83	39.04	28.66	7.61	7.61	0.04		0.78	1.99	8.15	0.37			
5.	16.78	39.19	28.79	7.60										
10.	16.65	39.32	28.92	7.56	7.58	0.04		0.26	1.22	8.15	0.23			
15.	16.63	39.32	28.92	7.44										
20.	16.64	39.33	28.93	7.42	7.53	0.05		0.38	0.96	8.10	0.30			
25.	16.64	39.34	28.94	7.41										
30.	16.63	39.34	28.94	7.34	7.49	0.04		0.44	0.96	8.20	0.32			
40.	16.63	39.34	28.94	7.30										
50.	16.64	39.34	28.94	7.26	7.52	0.03		0.44	1.47	8.20	0.34			
60.	16.60	39.34	28.95	7.19										
70.	16.59	39.34	28.95	7.15										
75.	16.57	39.33	28.95	7.13	7.46	0.04		0.50	1.38	8.20	0.11			
80.	16.57	39.33	28.95	7.13										
90.	16.55	39.33	28.95	7.13										
100.	16.55	39.32	28.95	7.11	7.39	0.03		0.71	1.03	8.20	0.16			
125.	16.51	39.32	28.95	7.09										
150.	16.53	39.32	28.95	7.10	7.47	0.03		0.58	1.47	8.20	-11			
200.	16.46	39.31	28.96	7.13	7.38					1.44	8.15			
250.	16.37	39.29	28.97	7.09	7.44						8.20			

STATION NUMBER:0-37	SEASON:										
TOTAL DEPTH: 110.0 m.	STATION TYPE:										
PLACE:		CHARACTER									
DATE:19-03-91	TIME:21:00	LONGITUDE:30.41°									
BAROMETRIC PRESSURE:	AIR TEMPERATURE:	LATITUDE:36.51°									
CLOUD:	WAVE STATE:	WIND:									
SECUDIT DISK DEPTH:	VISIBILITY:	WIND DIRECTION:									
DSI:	TR:	TSS:3.00									
SD/Hg:0E	SD/cd:0E	SD/HI:AE									
SW/Hg:5.3	SW/cd:	SW/HI:2.56									
SH/Hg:	SH/cd:1.21	FC/0m.:0									
BOD-5:0.41	COD:0.76	FC/2m.:1									
		HII:									
		H03-N									
DEPTH	T	S	SI-T	DO	DO	DO4-P	DO2-H	F	SI	HI	CHL-A
				(WINK)				H02-H			
0.	17.04	38.26	28.01	7.89	7.68	0.04		4.91	11.35	8.20	1.18
5.	16.60	38.91	28.62	8.17				0.35	1.79	8.20	0.65
10.	16.41	39.21	28.89	8.16	7.57	0.04		0.39	1.09	8.15	0.28
15.	16.38	39.23	28.92	8.02				0.07	1.28	8.30	0.35
20.	16.43	39.24	28.91	7.94	7.55	0.05		0.58	1.71		
25.	16.44	39.27	28.93	7.77							
30.	16.43	39.28	28.94	7.71	7.50	0.03		0.61	1.67	8.20	0.38
40.	16.41	39.27	28.94	7.48							
50.	16.43	39.28	28.94	7.44	7.36	0.03					
60.	16.46	39.30	28.95	7.32							
70.	16.47	39.30	28.95	7.27							
75.	16.47	39.31	28.95	7.25	7.40	0.03					
80.	16.47	39.30	28.95	7.18							
90.	16.46	39.31	28.95	7.18							
100.	16.46	39.30	28.95	7.13	7.37	0.03		0.76	1.60	8.20	0.17

STATION NUMBER:0-38	SEASON:										
TOTAL DEPTH: 75.0 m.	STATION TYPE:										
PLACE:		CHARACTER									
DATE:19-03-91	TIME:22:20	LONGITUDE:30.55°									
BAROMETRIC PRESSURE:	AIR TEMPERATURE:	LATITUDE:36.48°									
CLOUD:	WAVE STATE:	WIND:									
SECUDIT DISK DEPTH:	VISIBILITY:	WIND DIRECTION:									
DSI:	TR:	TSS:5.30									
SD/Hg:AE	SD/cd:AE	SD/HI:AE									
SW/Hg:3.6	SW/cd:	SW/HI:2.18									
SH/Hg:0.93	SH/cd:1.82	FC/0m.:0									
BOD-5:0.38	COD:0.17	FC/2m.:1									
		HII:									
		H03-N									
DEPTH	T	S	SI-T	DO	DO	DO4-P	DO2-H	F	SI	HI	CHL-A
				(WINK)				H02-H			
0.	16.75	39.97	28.63	8.69	7.69	0.02		1.86	3.97	8.15	0.22
5.	16.68	39.05	28.71	8.38				0.64	1.60	8.20	0.43
10.	16.54	39.17	28.83	8.27	7.64	0.02		0.83	1.79	8.15	0.29
15.	16.44	39.18	28.86	8.17							
20.	16.45	39.18	28.86	8.11	7.57	0.02					
25.	16.44	39.21	28.89	7.98							
30.	16.39	39.21	28.90	7.92	7.56	0.03		0.58	1.29	8.20	0.18
40.	16.38	39.22	28.91	7.75	7.57	0.03		0.64	1.67	8.20	
50.				7.43	0.02			0.55	1.67	8.20	0.21

STATION NUMBER:A-32

TOTAL DEPTH: 60.0 m.

PLACE:

DATE:19-03-91

BAROMETRIC PRESSURE:

CLOUD:

SECCHI DISK DEPTH:

SEASON:

STATION TYPE:

CHARACTER

LONGITUDE:31.16°

LATITUDE:36.42°

WIND:

WIND DIRECTION:

DS:

TR:

TSS:1.50

SD/Hg:

SD/cd:

SD/HH:

SW/Hg:

SW/cd:

SW/HH:0

SM/Hg:

SM/cd:

FC/0m.:0

BOD-5:

OOD:

FC/2m.:1

DEPTH	T	S	SI-T	DO	DO (WINK)	NO2-N		SI	PH	CHL-a	
						NO2-H	NO2-N				
0.	17.01	39.51	28.98	9.08	7.74	0.02		0.87	8.37	8.20	0.17
5.	16.49	39.12	28.80	8.93							
10.	16.38	39.04	28.77	8.73	7.70	0.02		0.38	1.86	8.15	
15.	16.37	39.10	28.82	8.52							
20.	16.40	39.13	28.83	8.52	7.72	0.02		0.29	2.08	8.20	0.28
25.	16.36	39.16	28.86	8.48							
30.	16.34	39.16	28.87	8.40	7.72	0.03		0.49	1.83	8.20	0.48
40.	16.46	39.24	28.91	7.93	7.41	0.02		0.44	1.70	8.20	0.43
50.					7.37	0.03		0.46	1.60		

STATION NUMBER:A-40

TOTAL DEPTH: 64.0 m.

PLACE:

DATE:20-03-91

BAROMETRIC PRESSURE:

CLOUD:

SECCHI DISK DEPTH:

SEASON:

STATION TYPE:

CHARACTER

LONGITUDE:31.21°

LATITUDE:36.45°

WIND:

WIND DIRECTION:

DEPTH	T	S	SI-T	DO	DO (WINK)	NO2-N		SI	PH	CHL-a
						NO2-H	NO2-N			
0.	16.72	39.73	29.22	9.68		0.02		0.47	2.21	
5.	16.62	39.34	28.94	9.04						
10.	16.58	39.22	28.86	8.66		0.03		0.44	1.54	
15.	16.57	39.22	28.86	8.43						
20.	16.56	39.23	28.87	8.36		0.02		0.35	1.57	
25.	16.55	39.23	28.87	8.30						
30.	16.55	39.24	28.89	8.24		0.03		0.25	1.22	
40.	16.51	39.26	28.91	8.02		0.03		0.44	1.63	
50.	16.48	39.30	28.94	7.75		0.03		0.64	1.67	
60.						0.03		0.73	1.73	

STATION NUMBER:A-41
 TOTAL DEPTH: 70.0 m.
 PLACE:
 DATE:20-03-91
 BAROMETRIC PRESSURE:
 CLOUD:
 SECCHI DISK DEPTH:

SEASON:
 STATION TYPE:
 CHARACTER
 TIME:02:00
 AIR TEMPERATURE:
 WAVE STATE:
 VISIBILITY:

DS:
 SD/Hg:0E
 SW/Hg:4.0
 SH/Hg:1.03
 BOD-5:0.34

TR:
 SD/Cd:0E
 SW/Cd:
 SH/Cd:4.07
 COD: 0.15

TSS:1.96
 SD/FH:0E
 SW/FH:3.83
 EC/0m.:0
 EC/2m.:1
 HII:

DEPTH	T	S	SI-T	DO	DO (WINK)	HO3-N		SI	PH	CHL-A	
						HO4-P	HO2-H				
0.	16.72	39.73	28.45	8.03	7.69	0.04		0.28	2.79	8.15	0.18
5.	16.70	39.83	28.53	7.81				0.32	1.47	8.20	0.24
10.	16.59	39.19	28.83	7.94	7.62	0.05		0.23	1.12	8.20	0.18
15.	16.53	39.25	28.90	7.85				0.32	1.52	8.20	0.18
20.	16.51	39.28	28.92	7.73	7.49	0.03		0.23	1.12	8.20	0.18
25.	16.52	39.30	28.94	7.65				0.44	1.60	8.20	
30.	16.51	39.31	28.95	7.51	7.42	0.03		0.20	1.60	8.20	
40.	16.48	39.32	28.96	7.37	7.38	0.03					
50.					7.33	0.03					

STATION NUMBER:A-42
 TOTAL DEPTH: 80.0 m.
 PLACE:
 DATE:20-03-91
 BAROMETRIC PRESSURE:
 CLOUD:
 SECCHI DISK DEPTH:12

SEASON:
 STATION TYPE:
 CHARACTER
 TIME:06:32
 AIR TEMPERATURE:
 WAVE STATE:
 VISIBILITY:

DS:
 SD/Hg:
 SW/Hg:
 SH/Hg:
 BOD-5:0.90

TR:
 SD/Cd:
 SW/Cd:
 SH/Cd:
 COD:0.12

TSS:
 SD/FH:
 SW/FH:
 EC/0m.:0
 EC/2m.:1

DEPTH	T	S	SI-T	DO	DO (WINK)	HO3-N		SI	PH	CHL-A
						HO4-P	HO2-H			
0.	16.63	38.84	28.55	7.99	7.67	0.07		0.26	2.63	8.25
5.	16.63	38.84	28.55	7.99				0.29	1.51	8.25
10.	16.62	39.23	28.86	7.87	7.62	0.04		0.32	1.38	8.25
15.	16.54	39.31	28.94	7.81				0.38	1.32	8.20
20.	16.49	39.29	28.94	7.73	7.52	0.02		0.53	1.25	8.20
25.	16.47	39.30	28.95	7.67				0.44	1.45	8.20
30.	16.48	39.31	28.95	7.56	7.50	0.03				
40.	16.47	39.30	28.95	7.44	7.47	0.02				
50.					7.46	0.02				

STATION NUMBER:A-43
 TOTAL DEPTH: 130.0 m.
 PLACE:
 DATE:21-03-91
 BAROMETRIC PRESSURE:
 CLOUD:
 SECCHI DISK DEPTH:

SEASON:
 STATION TYPE:
 CHARACTER
 TIME:00:10
 AIR TEMPERATURE:
 LATITUDE:36. 5°
 WAVE STATE:
 VISIBILITY:
 WIND:
 WIND DIRECTION:

DS:
 SD/Hg:
 SW/Hg:5.5
 SH/Hg:0.69
 BOD-5:0.34

TR:
 SD/Cd:
 SW/Cd:
 SH/Cd:H.D
 COD:0.13

TSS:1.90
 SH/FW:
 SW/FW:1.11
 EC/0m.:0
 EC/2m.:
 FW:

DEPTH	T	S	SI	SI-T	DO	DO (WINK)	HO3-H		SI	PH	CHL-A	
							HO4-H	HO2-N				
0.	18.47	37.72	27.24	6.44		0.04			0.31	1.38	8.10	0.07
5.	17.56	39.07	28.50	6.78								
10.	16.89	39.43	28.95	6.85		0.02			0.22	1.17	8.10	0.12
15.	16.76	39.31	28.89	6.81								
20.	16.76	39.30	28.89	6.75		0.04			0.22	1.35	8.10	0.42
25.	16.76	39.30	28.88	6.76								
30.	16.73	39.31	28.89	6.60		0.03			0.34	1.35	8.10	0.12
40.	16.70	39.30	28.90	6.68								
50.	16.67	39.30	28.90	6.65		0.05			0.36	1.42	8.10	0.12
60.	16.66	39.30	28.90	6.63								
70.	16.65	39.30	28.90	6.61								
75.	16.63	39.30	28.91	6.67								0.32
80.	16.62	39.30	28.91	6.61								
90.	16.57	39.29	28.91	6.66								
100.	16.55	39.28	28.92	6.72		0.09			0.36	1.43	8.10	0.18

STATION NUMBER:A04
 TOTAL DEPTH: 36.0 m.
 PLACE:
 DATE:21-03-91
 BAROMETRIC PRESSURE:
 CLOUD:
 SECCHI DISK DEPTH:

SEASON:
 STATION TYPE:
 CHARACTER
 TIME:07:15
 AIR TEMPERATURE:
 LATITUDE:36.53°
 WAVE STATE:
 VISIBILITY:
 WIND:
 WIND DIRECTION:

DS:
 SD/Hg:AE
 SW/Hg:4.3
 SH/Hg:
 BOD-5:0.44

TR:
 SD/Cd:AE
 SW/Cd:
 SH/Cd:
 COD:

TSS:2.32
 SH/FW:
 SW/FW: 1.84
 EC/0m.:0
 EC/2m.:
 FW:

DEPTH	T	S	SI	SI-T	DO	DO (WINK)	HO3-H		SI	PH	CHL-A
							HO4-H	HO2-N			
0.	16.33	39.23	28.93	7.32		0.02			1.66	3.76	8.15
10.	16.35	39.00	28.74	6.97	7.68				0.55	1.49	8.15
20.	16.03	39.07	28.88	7.02	7.75	0.02			0.29	0.99	8.15
30.	16.00	39.12	28.92	7.05	7.78	0.02			0.20	1.13	8.15

STATION NUMBER: A-45
 TOTAL DEPTH: 43.0 m.
 PLACE:
 DATE: 21-03-91
 BAROMETRIC PRESSURE:
 CLOUD:
 SECCHI DISK DEPTH:
 DS:
 SD/Hg:
 SW/Hg: 6.9
 SM/Hg: 3.43
 BOD-5: 0.45

SEASON:
 STATION TYPE:
 TIME: 12:00
 AIR TEMPERATURE:
 WAVE STATE:
 VISIBILITY:
 TR:
 SB/nd:
 SW/nd:
 SH/nd: 15.1
 COD:
 TSS:
 SB/nd:
 SW/nd:
 FC/0m.:
 FC/2m.:
 HII:

CHARACTER
 LONGITUDE: 34. 4°
 LATITUDE: 36.12°
 WIND:
 WIND DIRECTION:

DEPTH	T	S	SI-T	DO	DO	F04-P	H03-N		SI	PH	DIL-a
							(WTHK)	H02-N			
0.	17.05	39.23	28.75	6.55	7.57	0.05		0.34	1.42	8.10	
10.	16.87	39.23	28.84	6.55	7.54	0.04		0.32	0.92	8.15	
20.	16.66	39.22	28.68	6.57	7.44	0.06		0.47	1.28	8.15	
30.	16.64	39.20	28.90	6.43	7.43	0.03		0.15	0.87	8.15	
40.					7.46	0.02		1.15	1.10	8.15	

STATION NUMBER: A-46
 TOTAL DEPTH: 75.0 m.
 PLACE:
 DATE: 22-03-91
 BAROMETRIC PRESSURE:
 CLOUD:
 SECCHI DISK DEPTH: 20

SEASON:
 STATION TYPE:
 TIME: 12:05
 AIR TEMPERATURE:
 WAVE STATE:
 VISIBILITY:
 TR:
 SB/nd:
 SW/nd:
 SM/nd:
 COD:
 TSS:
 SB/nd:
 SW/nd:
 FC/0m.:
 FC/2m.:
 HII:

CHARACTER
 LONGITUDE: 34.19°
 LATITUDE: 36.33°
 WIND:
 WIND DIRECTION:

DEPTH	T	S	SI-T	DO	DO	F04-P	H03-N		SI	PH	DIL-a
							(WTHK)	H02-N			
0.	16.59	39.20	28.84	7.94	8.26	0.10					
5.	16.58	39.24	28.88	7.57							
10.	16.54	39.25	28.90	7.42	8.23	0.05					
15.	16.37	39.26	28.95	7.44							
20.	16.20	39.27	28.99	7.44							
25.	16.26	39.33	29.02	7.37							
30.	16.23	39.34	29.04	7.33	8.03	0.05					
40.	16.20	39.34	29.04	7.23							
50.	16.15	39.33	29.05	7.20	8.10	0.08					
60.	16.13	39.33	29.06	7.15							
70.					0.08						

STATION NUMBER: A17 SEASON:
 TOTAL DEPTH: 20.0 m. STATION TYPE:
 PLACE:
 DATE: 24-03-91 TIME: 03:25 CHARACTER
 BAROMETRIC PRESSURE:
 CLOUD:
 SECCHI DISK DEPTH:
 WAVE STATE:
 VISIBILITY:
 WIND:
 WIND DIRECTION:

DS: TR: TSS: 1.67
 SD/Hg: SD/cd: SD/PH:
 SW/Hg: SW/cd: SW/PH:
 SH/Hg: 2.79 SH/cd: 7.28 EC/0m.: 12
 BOD-5: 1.24 COD: 0.44 EC/2m.:
 pH: 7.1

DEPTH	T	S	ST-T	DO	DO	DO4-H	HO2-N	HO3-N		st	pH	CHL-a
								HO2-N	HO3-N			
0.	16.50	38.46	28.30	7.92	8.95	0.02			0.42	0.75	8.20	2.33
5.	16.31	38.73	28.55	7.95								
10.	16.51	39.27	28.92	7.63	8.23	0.02			0.15	1.32	8.20	0.28
15.	16.31	39.35	29.02	7.32								
20.					8.12				0.17	1.65	8.20	0.29

STATION NUMBER: A48 SEASON:
 TOTAL DEPTH: 14.0 m. STATION TYPE:
 PLACE:
 DATE: 24-03-91 TIME: 03:50 CHARACTER
 BAROMETRIC PRESSURE:
 CLOUD:
 SECCHI DISK DEPTH:
 WAVE STATE:
 VISIBILITY:
 WIND:
 WIND DIRECTION:

DS: TR: TSS: 1.65
 SH/Hg: SD/cd: SD/PH:
 SW/Hg: 5.1 SW/cd: SW/PH: 0.56
 SH/Hg: 5.83 SH/cd: H.D EC/0m.: 14
 BOD-5: 1.15 COD: 0.67 EC/2m.:
 pH: 7.1

DEPTH	T	S	ST-T	DO	DO	DO4-H	HO2-N	HO3-N		st	pH	CHL-a
								HO2-N	HO3-N			
0.	16.52	38.62	28.41	7.50		0.02			1.69	2.10	8.20	2.65
5.	16.64	38.02	28.54	7.53								
10.	16.56	39.24	28.88	7.21								8.20

STATION NUMBER: A-49
 TOTAL DEPTH: 8.5 m.
 PLACE:
 DATE: 24-03-91
 BAROMETRIC PRESSURE:
 CLOUD:
 SECCHI DISK DEPTH:

SEASON:
 STATION TYPE:
 CHARACTER
 TIME: 01:45
 AIR TEMPERATURE:
 WAVE STATE:
 VISIBILITY:

DS:
 SB/Hg:
 SW/Hg: 4.8
 SM/Hg:
 BOD-5: 1.15

TR:
 SB/cd:
 SW/cd:
 SM/cd:
 COD: 0.61

TSS: 1.76
 SB/m:
 SW/m: 0.50
 EC/0m.:
 EC/2m.:
 HII:

DEPTH	T	S	SI-T	DO	DO (WINK)	PO4-P	NO2-N	HII		SI	PH	CHL-A
								HII	HII-H			
0.	16.25	38.61	28.47	7.72		0.01		0.35	4.14	8.20		
5.	16.27	38.84	28.64	7.68								

STATION NUMBER: A-50
 TOTAL DEPTH: 9.0 m.
 PLACE:
 DATE: 24-03-91
 BAROMETRIC PRESSURE:
 CLOUD:
 SECCHI DISK DEPTH:

SEASON:
 STATION TYPE:
 CHARACTER
 TIME: 01:25
 AIR TEMPERATURE:
 WAVE STATE:
 VISIBILITY:

DS:
 SB/Hg:
 SW/Hg: 4.6
 SM/Hg:N.D
 BOD-5: 1.17

TR:
 SB/cd:
 SW/cd:
 SM/cd: 4.85
 COD:

TSS: 2.00
 SB/m:
 SW/m:
 EC/0m.:
 EC/2m.:
 HII:

DEPTH	T	S	SI-T	DO	DO (WINK)	PO4-P	NO2-N	HII		SI	PH	CHL-A
								HII	HII-H			
0.	16.31	38.70	28.52	8.10		0.02		0.30	1.20	8.20		
5.	16.42	38.77	28.55	7.83								

STATION NUMBER: A-51

TOTAL DEPTH: 23.0 m.

STATION TYPE:

PLACE:

CHARACTER

DATE: 24-03-91

TIME: 00:20

LONGITUDE: 34.54°

BAROMETRIC PRESSURE:

AIR TEMPERATURE:

LATITUDE: 36.40°

CLOUD:

WAVE STATE:

WIND:

SECCHI DISK DEPTH:

VISIBILITY:

WIND DIRECTION:

DS:

TR:

TSS: 1.35

SD/Hg:

SD/cd:

SD/FH:

SW/Hg:

SW/cd:

SW/FH:

SM/Hg: 0.74

SM/cd: 3.03

FC/0m.: 0

BOD-5: 1.04

COO: 0.45

FC/2m.: 1

DEPTH	T	S	SI-T	DO	DO (WT/HG)	PO4-P	HO3-N		SI	NH	OIL-a
							HO2-N	+			
0.	16.60	39.25	28.88	6.98	8.31	0.02		0.18	2.16	8.20	
5.	16.66	39.32	28.92	6.99							
10.	16.62	39.33	28.93	6.97	8.20	0.02		0.06	1.35	8.20	
15.	16.59	39.33	28.95	6.96							
20.					8.33	0.02		0.25		8.20	

STATION NUMBER: A-52

TOTAL DEPTH: 13.5 m.

SEASON:

PLACE:

STATION TYPE:

CHARACTER

DATE: 23-03-91

TIME: 20:45

LONGITUDE: 35.23°

BAROMETRIC PRESSURE:

AIR TEMPERATURE:

LATITUDE: 36.31°

CLOUD:

WAVE STATE:

WIND:

SECCHI DISK DEPTH:

VISIBILITY:

WIND DIRECTION:

DS:

TR:

TSS: 1.25

SD/Hg:

SD/cd:

SD/FH:

SW/Hg:

SW/cd:

SW/FH:

SM/Hg:

SM/cd:

FC/0m.: 0

BOD-5:

COO:

FC/2m.: 1

DEPTH	T	S	SI-T	DO	DO (WT/HG)	PO4-P	HO3-N		SI	NH	OIL-a
							HO2-N	+			
0.	16.89	39.09	28.69	7.17	7.93	0.05		0.81	2.29	8.20	
10.	16.89	39.09	28.69	7.17	8.24			0.39	1.88	8.20	

STATION NUMBER:A-53
 TOTAL DEPTH: 41.0 m.
 PLACE:
 DATE:23-03-91
 BAROMETRIC PRESSURE:
 CLOUD:
 SECCHI DISK DEPTH:

SEASOON:
 STATION TYPE:
 CHARACTER
 TIME:19:25
 AIR TEMPERATURE:
 WAVE STATE:
 VISIBILITY:

DS:
 SB/Hg:AE
 SW/Hg:
 SH/Hg:2.06
 BOD-5:0.48

TR:
 SH/Cd:AE
 SW/Cd:
 SH/Cd:HD
 COD:0.47

TSS:1.40
 SH/ML:AE
 SW/ML:
 EC/0m.:
 EC/2m.:
 HHL:

DEPTH	T	S	ST-T	DO	DO	DO4-P	HO2-N	HO3-H				CHL-A
								H02-H	H02-H	SI	NH	
0.	17.02	39.80	29.20	7.17	8.60	0.02		0.21	1.50	8.20		
5.	16.82	39.43	28.96	7.06								
10.	16.75	39.28	28.87	6.97	8.10	0.02		0.27	1.73	8.20		
15.	16.77	39.30	28.87	6.98								
20.	16.74	39.31	28.89	6.94	8.18	0.02		0.11	1.10	8.20		
25.	16.78	39.32	28.89	6.89								
30.	16.77	39.32	28.89	6.95	8.10	0.03		0.23	2.03	8.20		

STATION NUMBER:A-54
 TOTAL DEPTH: 51.5 m.
 PLACE:
 DATE:23-03-91
 BAROMETRIC PRESSURE:
 CLOUD:
 SECCHI DISK DEPTH:

SEASOON:
 STATION TYPE:
 CHARACTER
 TIME:12:50
 AIR TEMPERATURE:
 WAVE STATE:
 VISIBILITY:

DS:
 SB/Hg:AE
 SW/Hg:3.9
 SH/Hg:HD
 BOD-5:0.24

TR:
 SH/Cd:AE
 SW/Cd:
 SH/Cd:3.39
 COD:0.15

TSS:1.52
 SH/ML:AE
 SW/ML:0.52
 EC/0m.:
 EC/2m.:
 HHL:

DEPTH	T	S	ST-T	DO	DO	DO4-P	HO2-N	HO3-H				CHL-A
								H02-H	H02-H	SI	NH	
0.	17.02	39.32	29.83	7.02	8.09	0.04		0.27	1.65	8.20	0.18	
5.	17.02	39.32	29.83	7.04								
10.	16.89	39.33	29.87	6.95	8.12	0.09		0.13	1.13	8.20	0.06	
15.	16.74	39.35	29.92	7.04								
20.	16.56	39.33	29.95	7.06	8.20	0.03		1.17	1.50	8.20	1.23	
25.	16.49	39.32	29.96	7.05								
30.	16.47	39.32	29.96	7.06	8.15	0.04		0.15	1.13	8.20	0.17	
50.	16.36	39.33	29.90	7.05	8.15	0.02		0.17	1.73	8.20	0.40	

STATION NUMBER: A-55	STATION TYPE:	CHARACTER										
TOTAL DEPTH: 44.0 m.		LONGITUDE: 35.52°										
PLACE:	TIME: 16:50	LATITUDE: 36.44°										
DATE: 23-03-91	AIR TEMPERATURE:	WIND:										
BAROMETRIC PRESSURE:	WAVE STATE:	WIND DIRECTION:										
CLOUD:	VISIBILITY:											
SECCHI DISK DEPTH:												
DS:	TR:	TSS: 1.48										
SD/Hg:	SD/cd:	SD/FH:										
SW/Hg: 3.9	SW/cd:	SW/FH:										
SM/Hg: 0.69	SM/cd: HB	FC/0m.: 0										
BOD-5: 0.58	COD: 0.47	FC/2m.:										
		HHL:										
DEPTH	T	S	SI-T	DO	DO	POD-P	H02-N	T	H02-H	SI	NH	CHL-a
	(°C)			(WINK)								
0.	16.88	39.30	28.85	7.10	8.30	0.02		0.19	1.05	8.20		
5.	16.59	39.36	28.97	7.04								
10.	16.44	39.37	28.01	7.03	8.17	0.02		0.15	0.68	8.20	0.17	
15.	16.39	39.36	28.02	6.98								
20.	16.28	39.39	28.06	7.05	8.22	0.02		0.17	0.98	8.20	0.06	
25.	16.11	39.40	28.11	7.01								
30.	16.11	39.38	28.10	6.97	8.18	0.02		0.09	0.98	8.20		
40.					8.11	0.04		0.36	2.93	8.20		

STATION NUMBER: A-56	SEASON:	CHARACTER										
TOTAL DEPTH: 59.0 m.	STATION TYPE:	LONGITUDE: 35.58°										
PLACE:	TIME: 11:35	LATITUDE: 36.40°										
DATE: 23-03-91	AIR TEMPERATURE:	WIND:										
BAROMETRIC PRESSURE:	WAVE STATE:	WIND DIRECTION:										
CLOUD:	VISIBILITY:											
SECCHI DISK DEPTH: 12												
DS:	TR:	TSS: 0.67										
SD/Hg:	SD/cd:	SD/FH:										
SW/Hg:	SW/cd:	SW/FH:										
SM/Hg: 0.68	SM/cd: 3.64	FC/0m.: 0										
BOD-5: 0.27	COD: 0.05	FC/2m.:										
		HHL:										
DEPTH	T	S	SI-T	DO	DO	POD-P	H02-N	T	H02-H	SI	NH	CHL-a
	(°C)			(WINK)								
0.	16.78	39.32	28.89	7.18	8.34	0.06		0.24	1.18	8.20	0.21	
5.	16.76	39.31	28.89	7.14								
10.	16.71	39.32	28.91	7.13	8.23	0.09		0.18	1.50	8.20	0.27	
15.	16.69	39.32	28.91	7.15								
20.	16.67	39.32	28.91	7.07	8.22	0.05		0.19	1.02	8.20	0.26	
25.	16.65	39.33	28.93	7.11								
30.	16.62	39.34	28.94	7.10	8.21	0.04		0.27	1.38	8.20	0.13	
40.	16.47	39.35	28.99	7.10	8.11	0.03		0.30	1.38	8.20	0.12	
50.	16.11	39.37	28.09	7.14	8.26	0.05		1.00	2.20	8.20		

STATION NUMBER:A-57
 TOTAL DEPTH: 20.0 m.
 PLACE:
 DATE:23-03-91
 BAROMETRIC PRESSURE:
 CLOUD:
 SECCHI DISK DEPTH:

SEASON:
 STATION TYPE:

CHARACTER
 LONGITUDE:36. 0°
 LATITUDE:36.53°
 WIND:
 WIND DIRECTION:

DS:
 SD/Hg:
 SW/Hg:
 SH/Hg:
 BOD-5:0.82

TR:

SD/cd:

SW/cd:

SH/cd:

COB:

TSS:

SD/pH:

SW/pH:

EC/0m.:

EC/2m.:

HH:

DEPTH	T	S	SI-T	DO	DO (WINK)	PO4-P	NO2-N	NO3-N		SI	pH	CHL-A
								+	NO2-N			
0.	16.44	39.28	28.94	7.43	8.35	0.05		0.27	1.05	8.20	0.29	
10.	16.72	39.23	28.84	7.42	8.31							
20.	16.67	39.27	28.88	7.36	8.29	0.02		0.15	0.75	8.20	0.23	

STATION NUMBER:A-58
 TOTAL DEPTH: 22.0 m.
 PLACE:
 DATE:23-03-91
 BAROMETRIC PRESSURE:
 CLOUD:
 SECCHI DISK DEPTH:

SEASON:
 STATION TYPE:

CHARACTER
 LONGITUDE:36. 9°
 LATITUDE:36.47°
 WIND:
 WIND DIRECTION:

DS:
 SD/Hg:
 SW/Hg:
 SH/Hg:
 BOD-5:0.45

TR:

SD/cd:

SW/cd:

SH/cd:

COB:0.44

TSS:5.04

SD/pH:

SW/pH:

EC/0m.:

EC/2m.:

HH:

DEPTH	T	S	SI-T	DO	DO (WINK)	PO4-P	NO2-N	NO3-N		SI	pH	CHL-A
								+	NO2-N			
0.	16.90	39.37	28.90	7.70		0.12		0.81	1.50		1.29	
5.	16.91	39.34	28.87	7.54								
10.	16.89	39.33	28.87	7.34	8.22	0.04		0.71	1.43	8.20	0.46	
20.	16.86	39.33	28.87	7.23	8.21	0.04		1.55	2.56	8.25	0.63	

STATION NUMBER:A-57
 TOTAL DEPTH: 20.0 m.
 PLACE:
 DATE:23-03-91
 BAROMETRIC PRESSURE:
 CLOUD:
 SECCHI DISK DEPTH:
 DS:
 SD/Hg:
 SW/Hg:
 SM/Hg:
 BOD-5:0.82

SEASON:
 STATION TYPE:
 TIME:15:26
 AIR TEMPERATURE:
 WAVE STATE:
 VISIBILITY:
 TR:
 SD/cd:
 SW/cd:
 SH/cd:
 COD:
 TSS:
 SD/ft:
 SW/ft:
 EC/0m.:
 EC/2m.:
 RH:

CHARACTER
 LONGITUDE:36. 0°
 LATITUDE:36.53°
 WIND:
 WIND DIRECTION:

DEPTH	T	S	SI-T	DO	DO	PO4-P	NO3-N		SI	pH	CHL-A
							(WINK)	NO2-N			
0.	16.44	39.28	28.94	7.43	8.35	0.05		0.27	1.05	8.20	0.29
10.	16.72	39.23	28.81	7.42	8.31						
20.	16.67	39.27	28.88	7.36	8.29	0.02		0.15	0.75	8.20	0.23

STATION NUMBER:A-58
 TOTAL DEPTH: 22.0 m.
 PLACE:
 DATE:23-03-91
 BAROMETRIC PRESSURE:
 CLOUD:
 SECCHI DISK DEPTH:
 DS:
 SD/Hg:
 SW/Hg:
 SM/Hg:
 BOD-5:0.45

SEASON:
 STATION TYPE:
 TIME:14:25
 AIR TEMPERATURE:
 WAVE STATE:
 VISIBILITY:
 TR:
 SD/cd:
 SW/cd:
 SH/cd:
 COD:0.44
 TSS:5.04
 SD/ft:
 SW/ft:
 EC/0m.:
 EC/2m.:
 RH:

CHARACTER
 LONGITUDE:36. 9°
 LATITUDE:36.47°
 WIND:
 WIND DIRECTION:

DEPTH	T	S	SI-T	DO	DO	PO4-P	NO3-N		SI	pH	CHL-A
							(WINK)	NO2-N			
0.	16.90	39.37	28.90	7.70		0.12		0.81	1.50		1.29
5.	16.91	39.34	28.87	7.54							
10.	16.89	39.33	28.87	7.34	8.22	0.04		0.71	1.43	8.20	0.46
20.	16.86	39.33	28.87	7.23	8.21	0.04		1.55	2.56	8.25	0.63

STATION NUMBER: A-59
 TOTAL DEPTH: 54.0 m.
 PLACE:
 DATE: 23-03-91
 BAROMETRIC PRESSURE:
 CLOUD:
 SECCHI DISK DEPTH: 14

SEASON:
 STATION TYPE:
 CHARACTER
 TIME: 12:35
 AIR TEMPERATURE:
 WAVE STATE:
 VISIBILITY:

DS:
 SD/Hg:
 SW/Hg: 4.9
 SH/Hg: 1.10
 BOD-5: 0.48

TR:
 SD/Cd:
 SW/Cd:
 SH/Cd: 6.11
 DOO:

TSS: 2.70
 SD/HI:
 SW/HI:
 EC/Dm.:
 EC/2m.:
 HI:

DEPTH	T	S	SI-T	DO	DO (WTHK)	H03-H		SI	HI	DIL-A
						H04-H	H02-H			
0.	16.76	39.24	28.83	7.38	8.33	0.03		0.48	1.72	8.20
5.	16.76	39.28	28.86	7.41						
10.	16.71	39.32	28.91	7.28	8.20	0.04		0.46	1.65	8.20
15.	16.72	39.33	28.92	7.27						
20.	16.70	39.34	28.92	7.16	8.12	0.02		0.13	1.10	8.20
25.	16.72	39.34	28.92	7.15						
30.	16.72	39.34	28.92	7.05	8.32	0.03		0.24	1.34	8.20
40.	16.69	39.36	28.94	7.05	8.10	0.06		0.13	1.02	8.20
50.				8.00	0.03			0.36	1.65	8.25

STATION NUMBER: A-60
 TOTAL DEPTH: 68.0 m.
 PLACE:
 DATE: 23-03-91
 BAROMETRIC PRESSURE:
 CLOUD:
 SECCHI DISK DEPTH: 14

STATION TYPE:
 CHARACTER
 TIME: 02:40
 AIR TEMPERATURE:
 WAVE STATE:
 VISIBILITY:

DS:
 SD/Hg:
 SW/Hg: 5.2
 SH/Hg: 0.96
 BOD-5: 0.40

TR:
 SD/Cd:
 SW/Cd:
 SH/Cd: 2.03
 DOO: 0.34

TSS: 0.80
 SD/HI:
 SW/HI:
 EC/Dm.:
 EC/2m.:
 HI:

DEPTH	T	S	SI-T	DO	DO (WTHK)	H03-H		SI	HI	DIL-A
						H04-H	H02-H			
0.	16.86	39.29	28.85	6.99	8.13	0.03		0.57	1.65	8.15
5.	16.87	39.29	28.84	6.95						
10.	16.89	39.30	28.85	6.99	8.10	0.03				
15.	16.90	39.31	28.85	6.92						
20.	16.91	39.31	28.85	6.99	8.13	0.03		0.54	1.42	8.20
25.	16.92	39.32	28.85	6.91						
30.	16.90	39.32	28.86	6.99	8.13	0.03		0.19	1.19	8.20
40.	16.59	39.35	28.95	6.87	8.21	0.03		0.19	1.34	8.20
50.	16.35	39.37	29.03	6.85	8.20	0.03		1.43	2.76	8.20
60.	16.26	39.37	29.05	6.85						

STATION NUMBER: R-51	SEASITE:											
TOTAL DEPTH: 184.0 m.	STATION TYPE:											
PLACE:		CHARACTER										
DATE: 22-03-91	TIME: 10:25	LONGITUDE: 34.45°										
BAROMETRIC PRESSURE:	AIR TEMPERATURE:	LATITUDE: 36.20°										
CLOUD:	WAVE STATE:	WIND:										
SECCHI DISK DEPTH:	VISIBILITY:	WIND DIRECTION:										
DS:	TR:	TSG: 1.80										
SD/Ig:	SD/cd:	SD/HI:										
SW/Ig: 4.5	SW/cd:	SW/HI: 0.29										
SM/Ig: H.D	SM/cd: H.D	EC/0m.:										
BOD-5:	COB:	EC/2m.:										
		HII:										
DEPTH	T	S	SI-T	DO	DO (WINK)	HOD-P	HOD-H	HOD-H	HII-H	SI	pH	CHL-a
0.	17.32	39.33	20.75	7.85	7.92	0.03						0.31
5.	17.35	39.31	20.74	7.70								
10.	17.34	39.31	20.74	7.62	8.15	0.03						0.55
15.	17.34	39.31	20.75	7.50								
20.	17.34	39.31	20.74	7.47	7.54	0.03						
25.	17.34	39.31	20.75	7.41								
30.	17.32	39.32	20.75	7.33	8.45	0.05						
40.	17.29	39.32	20.77	7.17								
50.	17.28	39.32	20.77	7.10	7.93	0.05						0.13
60.	17.23	39.32	20.78	6.98								
70.	16.94	39.33	20.86	6.85								
75.	16.96	39.33	20.85	6.91	0.00	0.03						
80.	16.95	39.33	20.85	6.94								
90.	16.94	39.33	20.86	6.79								
100.	16.91	39.33	20.86	6.75	7.99	0.03						
125.	16.83	39.32	20.88	6.69	7.76	0.03						
150.	16.64	39.29	20.90	6.54	7.82	0.04						

STATION NUMBER:R-53	SEASON:											
TOTAL DEPTH: 1140.0 m.	STATION TYPE:											
PLACE:		CHARACTER										
DATE: 19-03-91	TIME: 15:10	LONGITUDE: 31. °										
BAROMETRIC PRESSURE:	AIR TEMPERATURE:	LATITUDE: 36.30°										
CLOUD:	WAVE STATE:	WIND:										
SECOND DEPTH:	VISIBILITY:	WIND DIRECTION:										
DS:	TR:	TSS: 3.88										
SD/Hg:	SB/cd:	SD/PH:										
SW/Hg: 5.1	SW/cd:	SW/FH:										
SM/Hg: 0.93	SH/cd: 6.67	FC/0m.: 10										
BOD-5:	COD:	FC/2m.:										
		HII:										
<hr/>												
HO3-H												
DEPTH	T	S	SI-T	DO	DO (W/M²)	DO4-H	DO2-N	I	DO2-H	SI	NH	CHL-a
0.	16.97	39.73	29.16	9.56		0.05		0.09	1.44			
5.	16.74	39.43	28.98	8.34								
10.	16.61	39.31	28.92	7.96	7.62	0.05		0.15	1.41			0.13
15.	16.57	39.29	28.92	7.97								
20.	16.56	39.29	28.92	7.85								
25.	16.55	39.29	28.92	7.89								
30.	16.55	39.29	28.92	7.78	7.54	0.04		0.23	1.28			0.18
40.	16.54	39.30	28.93	7.72								
50.	16.54	39.30	28.93	7.73	7.51	0.04		0.29	1.35			0.44
60.	16.53	39.31	28.94	7.67								
70.	16.54	39.32	28.94	7.61								
75.	16.54	39.32	28.95	7.64	7.44	0.03		0.44	1.35			0.46
80.	16.54	39.32	28.95	7.61								
90.	16.53	39.32	28.95	7.56								
100.	16.53	39.32	28.95	7.54	7.28	0.03		0.44	1.35			0.59
125.	16.49	39.32	28.96	7.44								
150.	16.46	39.31	28.96	7.35								
200.	16.36	39.29	28.97	7.30	7.29	0.03		0.73	1.60			0.30
250.	16.18	39.25	28.98	7.28								
300.	15.16	39.18	29.00	7.20	7.25	0.04		1.19	1.76			
350.					6.89	0.04		2.01	2.44			
400.	15.00	39.00	29.06	6.56	6.65	0.05		2.15	2.56			
500.	14.08	38.82	29.13	5.97	5.90	0.14		4.62	6.54			
600.	13.63	38.72	29.15	5.70	5.74	0.15		4.56	7.82			
700.	13.55	38.71	29.15	5.65								
800.	13.47	38.68	29.15	5.62	5.83	0.22		5.64	10.51			
900.	13.43	38.68	29.15	5.51								
1000.	13.41	38.67	29.15	5.52	5.72	0.20		5.47	10.58			

STATION NUMBER: R-54
 TOTAL DEPTH: 2523.0 m.
 PLACE:
 DATE: 19-03-91
 BAROMETRIC PRESSURE:
 CLOUD:
 SECCHI DISK DEPTH:

SEASON:
 STATION TYPE:
 TIME: 06:45
 AIR TEMPERATURE:
 WAVE STATE:
 VISIBILITY:

CHARACTER
 LONGITUDE: 31° 0'
 LATITUDE: 36° 0'
 WIND:
 WIND DIRECTION:

DS:
 SD/Hg:
 SW/Hg: 3.5
 SH/Hg: 1.1
 BOD-5:

TR:
 SH/cd:
 SW/cd:
 SH/cd: 6.11
 DO:

TSS: 3.63
 SD/m:
 SW/m: 5.04
 FC/0m.: 0
 FC/2m.:
 HII:

DEPTH	T	S	ST-T	DO	DO (WINK)	H03-H		SI	RI	DIL-A
						H01-H	H02-H			
0.	16.54	39.30	28.93	8.28		0.04		0.26	1.60	0.12
5.	16.53	39.30	28.93	8.25						
10.	16.53	39.30	28.94	8.20		0.03		0.26	1.60	0.34
15.	16.53	39.30	28.94	8.11						
20.	16.53	39.30	28.94	8.03		0.03		0.28	1.67	0.34
25.	16.53	39.30	28.94	8.02						
30.	16.53	39.30	28.94	7.93		0.02		0.28	1.35	0.41
40.	16.52	39.31	28.94	7.91						
50.	16.52	39.31	28.94	7.79		0.02		0.23	1.41	0.27
60.	16.53	39.32	28.95	7.73						
70.	16.51	39.32	28.95	7.71						
75.	16.50	39.32	28.96	7.67		0.02		0.52	1.41	
80.	16.49	39.32	28.96	7.71						
90.	16.44	39.30	28.96	7.61						
100.	16.44	39.30	28.96	7.62		0.02		0.58	1.47	0.15
125.	16.38	39.29	28.96	7.52						
150.	16.31	39.27	28.97	7.49		0.02		0.61	1.28	0.05
200.	16.24	39.27	28.98	7.53		0.02		0.62	1.28	
250.	15.78	39.16	29.00	7.22						
300.	15.16	39.03	29.05	6.84		0.05		2.62	3.14	
350.						0.06		3.34	4.17	
400.	14.25	38.86	29.12	6.26		0.11		4.24	5.30	
500.	13.97	38.80	29.13	6.04						
600.	13.79	38.76	29.14	5.69		0.15		4.91	7.37	
700.	13.69	38.74	29.15	5.82						
800.	13.62	38.72	29.15	5.84		0.15		4.51	7.30	
900.	13.56	38.71	29.15	5.75						
1000.	13.53	38.70	29.15	5.82		0.17		4.97	8.85	

STATION NUMBER: R-55
 TOTAL DEPTH: 2200.0 m.
 PLACE:
 DATE: 19-03-91
 BAROMETRIC PRESSURE:
 CLOUD:
 SECUNDI DISK DEPTH:

SEASON:
 STATION TYPE:
 TIME: 04:10
 OTR TEMPERATURE:
 WAVE STATE:
 VISIBILITY:
 CHARACTER
 LONGITUDE: 30.30°
 LATITUDE: 35. 0°
 WIND:
 WIND DIRECTION:

DS:
 SD/Hg:
 SW/Hg:
 SM/Hg:
 BOD-5:

TR:
 SB/rd:
 SW/rd:
 SI/rd:
 COD:

TSS: 0.66
 SD/Hg:
 SW/Hg: 3.03
 EC/0m.:
 EC/2m.:
 HII:

DEPTH	T	S	SI-T	DO	DO (WINK)	PO4-P	HO2-N		SI	pH	CHL-a
							HO2-N	HO2-N			
0.	16.34	39.27	28.96	8.66		0.03		0.41	0.77		0.28
5.	16.34	39.28	28.96	8.53							
10.	16.35	39.28	28.96	8.30	7.53	0.02		0.48	1.41		0.52
15.	16.35	39.28	28.96	8.23							
20.	16.35	39.28	28.96	8.19	7.57	0.02		0.49	1.31		0.43
25.	16.35	39.28	28.96	8.12							
30.	16.34	39.28	28.96	8.03	7.55	0.03		0.49	1.28		0.21
40.	16.29	39.27	28.97	8.00							
50.	16.27	39.27	28.97	7.91	7.57	0.02		0.52	1.47		0.54
60.	16.26	39.27	28.98	7.88							
70.	16.26	39.27	28.98	7.83							
75.	16.26	39.27	28.98	7.82	7.45	0.02		0.48	1.60		0.23
80.	16.24	39.27	28.98	7.76							
90.	16.22	39.26	28.98	7.78							
100.	16.22	39.26	28.98	7.74	7.46	0.02		0.58	1.35		
125.	16.16	39.25	28.99	7.62							
150.	16.14	39.25	28.99	7.57	7.37	0.02		0.67	1.47		
200.	15.92	39.20	29.00	7.51	7.34	0.02		0.93	1.51		
250.	15.60	39.12	29.01	7.27	7.26	0.02		0.96	1.47		
300.	15.24	39.05	29.04	6.95	6.76	0.03		1.98	2.32		
400.	14.37	38.88	29.11	6.40	6.22	0.06		3.11	4.04		
500.	13.91	38.78	29.13	6.01							
600.	13.79	38.76	29.14	5.88	5.85	0.14		5.78	8.59		
700.	13.68	38.73	29.15	5.83							
800.	13.60	38.72	29.15	5.86	5.77	0.14		5.85	9.14		
900.	13.54	38.70	29.15	5.85							
1000.	13.51	38.70	29.15	5.78	5.81	0.18		5.74	9.72		

STATION NUMBER: R-56
 TOTAL DEPTH: 1530.0 m.
 PLACE:
 DATE: 18-03-91
 BAROMETRIC PRESSURE:
 CLOUD:
 SECCHI DISK DEPTH:
 DS:
 SD/Hg:
 SW/Hg: 5.9
 SM/Hg:
 BOD-5:
 TR:
 SD/Cd:
 SW/Cd:
 SM/Cd:
 DO:
 TSS: 0.45
 SD/Flu:
 SW/Flu: 3.47
 EC/0m.:
 EC/2m.:
 Flu:

DEPTH	T	S	SI-T	DO	DO (WINK)	PO4-P	NO2-N	NO3-N			SI	FLU	CHL-a
								H03-N	H	H02-N			
0.	16.18	39.29	29.01	10.75	7.51	0.02		0.27	0.48		0.32		
5.	16.11	39.25	29.00	9.12									
10.	16.09	39.23	28.98	8.84	7.57	0.02		0.43	0.74		0.23		
15.	16.09	39.23	28.98	8.79									
20.	16.08	39.23	28.99	8.73	7.58	0.02		0.19	0.48		0.95		
25.	16.08	39.23	28.98	8.71									
30.	16.07	39.23	28.99	8.68	7.45	0.02		0.33	0.64		0.43		
40.	16.07	39.23	28.99	8.63									
50.	16.05	39.23	28.99	8.61	7.55	0.02		0.16	0.37		0.12		
60.	16.03	39.22	28.99	8.62									
70.	16.03	39.22	28.99	8.57									
75.	16.03	39.22	28.99	8.45	7.48	0.02		0.10	0.21		0.19		
80.	16.01	39.21	28.99	8.51									
90.	16.00	39.22	28.99	8.45									
100.	16.00	39.22	28.99	8.44	7.47	0.02		0.19	0.32				
125.	15.99	39.21	29.00	8.37									
150.	15.98	39.19	29.00	8.29	7.58			0.30	0.59				
200.	15.81	38.17	29.01	7.92	7.30	0.04		0.65	0.91				
250.	15.68	38.14	29.01	7.80									
300.	15.56	38.12	29.02	7.70	7.23	0.04		1.20	0.96				
400.	14.90	38.98	29.07	7.17	6.98	0.12		1.41	4.60				
500.	14.40	38.69	29.11	6.63	7.43	0.14		1.57	0.64				
600.	14.04	38.81	29.13	6.24	6.04	0.14		1.58	4.90				
700.	13.81	38.77	29.14	6.29									
800.	13.71	38.74	29.15	6.04	6.11	0.17		3.59	6.39				
900.	13.63	38.73	29.15	6.06									
1000.	13.58	38.71	29.15	5.91	6.01	0.17		11.31					

Çizelge 2. Ağustos 1991 döneminde Kuzeydoğu Akdeniz'de Şekil 1'de gösterilen kıyı(A) ve referans(R) istasyonlarında istasyon başında, yüzey sularında ve standart derinliklerde ölçülen fiziksel, biyokimyasal ve kirletici parametrelere ait sonuçlar

STATION NUMBER:A-26	DATE:16.08.1991								
LATITUDE:36 46	TIME: 11:23								
LONGITUDE:28 19	TOTAL DEPTH:71.0 m.								
SW/Hg:1.8	SM/Cd:N.D.								
SM/Hg:0.4	F.C.:0 m. 0								
	NO3-N								
DEPTH	T	S	SI-T	DOP	DOW	PO4	+	Si	CHL-a
							NO2-N		
0.	25.06	39.50	26.73	7.21		,0.02	0.17	1.65	0.07
10.	24.50	39.47	26.85	7.37		0.02	0.17	1.65	0.09
20.	22.24	39.37	27.17	8.20		0.02	0.13	1.58	0.14
30.	21.60	39.41	27.69	8.40		0.02	0.13	1.58	0.12
65.	20.00	39.35	28.09	8.60		,0.02	0.20	1.44	0.17

STATION NUMBER:A-27	DATE:16.08.1991								
LATITUDE:36 49	TIME: 12:00								
LONGITUDE:28 16	TOTAL DEPTH:31.0 m.								
SW/Hg:1.6	TSS:								
SECCHI DISK:	F.C.:0 m. 4								
	NO3-N								
DEPTH	T	S	SI-T	DOP	DOW	PO4	+	Si	CHL-a
							NO2-N		
0.	29.06	39.79	25.72	8.18		0.02	0.17	2.30	
10.	24.17	39.45	26.96	7.43		0.02	0.17	1.51	
20.	22.05	39.36	27.52	8.20		0.02	0.20	2.08	
30.	21.60	39.35	27.65	8.35		0.02	,0.23	2.08	

STATION NUMBER:A-28	DATE:16.08.1991								
LATITUDE:36 45	TIME: 10:15								
LONGITUDE:28 35	TOTAL DEPTH:230.0 m.								
SW/Hg:0.7	TSS:1.90								
SECCHI DISK:	F.C.:0 m. 0								
	NO3-N								
DEPTH	T	S	SI-T	DOP	DOW	PO4	+	Si	CHL-a
							NO2-N		
0.	25.15	39.47	26.68	7.36		0.02	0.33	1.65	
10.	23.60	39.91	27.19	7.66		0.02	0.13	1.11	
30.	21.36	39.32	27.69	8.12		0.02	0.17	1.10	
50.	20.87	39.34	27.84	8.53		0.02	0.13	1.11	
75.	19.80	39.32	28.11	8.63		0.02	0.13	1.80	
100.	18.75	39.30	28.38	8.69		0.02	0.17	1.51	
125.	17.74	39.28	28.62	8.82		0.02	0.17	1.51	
150.	16.95	39.25	28.79	8.80		0.02	0.27	1.51	
200.	13.92	39.22	28.84	8.52		0.02	1.06	1.87	

STATION NUMBER:A-29
LATITUDE:36 45
LONGITUDE:28 35

DATE:16.08.1991
TIME: 09:33
TOTAL DEPTH:80.0 m.

SW/Hg: TSS:5.15 SW/PH:
BOD-5:0.52 F.C.:0 m. 1 SHH/HII:0.0

DEPTH	T	S	SI-T	DOP	DOW	PO4	NO3-N		Si	CHL-a
							NO2-N			
0.	25.84	39.37	26.39	7.55		0.02	0.17	2.73	0.03	
5.	25.81	39.38	26.40	7.26		0.02	0.17	1.73	0.06	
10.	24.27	39.66	27.09	7.61		0.02	0.20	1.37	0.06	
15.	23.60	39.59	27.23	8.03		0.02	0.17	1.51	0.08	
20.	22.46	39.51	27.52	8.26		0.02	0.18	1.14	0.11	
25.	21.89	39.38	27.58	8.44		0.02	0.13	1.55	0.20	
30.	21.64	39.39	27.66	8.46		0.02	0.17			
40.	20.98	39.33	27.80	8.54		0.02	0.18			
50.	20.70	39.31	27.89	8.63		0.02	0.18			
60.	20.37	39.32	27.96	8.62		0.02	0.13			
75.	20.00	39.33	28.07	8.67		0.02	0.13			

STATION NUMBER:A-30
LATITUDE:36 41
LONGITUDE:28 57

DATE:16.08.1991
TIME: 06:50
TOTAL DEPTH:122.0 m.

SW/Hg:1.3 TSS:5.25 SW/PH:
SECCHI DISK: F.C.:0 m. 8

DEPTH	T	S	SI-T	DOP	DOW	PO4	NO3-N		Si	CHL-a
							NO2-N			
0.	27.84	39.41	25.77	6.93		0.02	0.20	3.43	0.23	
10.	26.70	39.49	26.20	7.16		0.02	0.17	1.94	0.10	
20.	24.22	39.42	26.93	7.76		0.02	0.10	1.58	0.09	
30.	22.80	39.41	27.35	7.95		0.02	0.10	1.55	0.10	
40.	21.96	39.35	27.54	8.09		0.03	0.23	1.51	0.14	
50.	21.32	39.33	27.70	8.14		0.03	0.23	1.51	0.14	
60.	20.66	39.32	27.88	8.21		0.02	0.17	1.51	0.20	
75.	19.88	39.30	28.08	8.25		0.02	0.17			
90.	19.18	39.29	28.26	8.32		0.15	1.51			
100.	18.87	39.29	28.33	8.32						

STATION NUMBER:A-31 DATE:16.08.1991
 LATITUDE:36 40 TIME: 06:10
 LONGITUDE:29 04 TOTAL DEPTH:33.0 m.

SW/Hg:1.4 TSS:6.30 SW/PH:3.13
 SECCHI DISK: F.C.:0 m. 3

DEPTH	T	S	SI-T	DOP	DOW	PO4	NO3-N		CHL-a
							NO2-N	I	
0.	27.82	38.96	25.44	6.53		0.02	1.86	13.02	0.36
5.	27.77	39.42	25.80	6.64					
10.	27.08	39.50	26.09	6.72		0.02	0.17	2.51	0.14
15.	24.61	39.43	26.82	7.25					
20.	23.58	39.37	27.08	7.71		0.02	0.12	2.52	0.11
30.	23.23	39.37	27.19	7.76		0.02	0.15	2.01	0.13

STATION NUMBER:A-33 DATE:16.08.1991
 LATITUDE:36 10 TIME: 24:00
 LONGITUDE:29 35 TOTAL DEPTH:200.0 m.

SW/Hg:1.0 TSS:5.35 SW/PH:
 SECCHI DISK: F.C.:0 m. 2

DEPTH	T	S	SI-T	DOP	DOW	PO4	NO3-N		CHL-a
							NO2-N	I	
0.	27.22	39.52	26.05	5.37		0.01	0.07	1.53	
5.	27.12	39.51	26.08	5.10					
10.	27.09	39.50	26.09	6.64		0.02	0.12	1.58	
15.	26.80	39.50	26.18	6.85					
20.	26.61	39.53	26.26	6.91		0.02	0.10	1.51	
25.	26.47	39.48	26.27	6.87					
30.	25.54	39.48	26.56	7.09		0.03	0.13	1.51	
40.	23.65	39.39	27.08	7.65					
50.	20.67	39.31	27.88	8.13		0.03	0.17	1.44	
60.	20.52	39.29	27.90	8.10					
70.	19.65	39.30	28.14	8.25					
75.	19.43	39.29	28.19	8.22		0.02	0.17	1.51	
80.	19.22	39.29	28.25	8.31					
90.	18.45	39.28	28.44	8.33					
100.	18.04	39.27	28.54	8.29		0.01	0.33	1.51	
125.	17.42	39.26	28.69	8.30		0.02	0.50	1.58	
150.						0.02	0.15	2.01	

STATION NUMBER:A-34
LATITUDE:36 13
LONGITUDE:29 55

DATE:15.08.1991
TIME: 21:40
TOTAL DEPTH:30.0 m.

SW/Hg:1.9 TSS:4.40 SW/FH:
SI/Hg:0.9 F.C.:0 m. 1 SI/Cd:N.D

DEPTH	T	S	SI-T	DOP	DOW	PO4	NO3-N		SI	CHL-a
							+	NO2-N		
0.	28.12	39.38	25.66	6.57		0.04	0.24	2.23	0.20	
5.	27.95	39.49	25.79	6.60						
10.	27.74	39.50	25.87	6.52		0.04	0.24	1.73		
15.	27.03	39.54	26.14	6.69						
20.	24.90	39.47	26.75	7.23		0.02	0.18	1.58		
25.	24.32	39.45	26.92	7.38						

STATION NUMBER:A-35
LATITUDE:36 14
LONGITUDE:30 14

DATE:15.08.1991
TIME: 19:40
TOTAL DEPTH:375.0 m.

SW/Hg:1.2 TSS:5.80 SW/FH:
SECCHI DISK: F.C.:0 m. 0

DEPTH	T	S	SI-T	DOP	DOW	PO4	NO3-N		SI	CHL-a
							+	NO2-N		
0.	28.41	39.54	25.68	6.46		0.02	0.20	2.01	0.07	
10.	28.15	39.56	25.78	6.53		0.02	0.24	1.73	0.06	
30.	24.60	39.42	26.81	7.53		0.02	0.44	1.58	0.09	
50.	22.42	39.33	27.39	8.01		0.02	0.16	1.44	0.13	
75.	20.81	39.33	27.84	8.23		0.02	0.18	1.44	0.23	
100.	19.73	39.31	28.12	8.22		0.02	0.52	1.37	0.12	
125.	18.11	39.29	28.54	8.47		0.02	1.19	1.51		
150.	16.94	39.26	28.80	8.42		0.03	2.62	1.73		
200.	16.36	39.22	28.92	8.35		0.07	0.20	2.95		
300.	15.55	39.12	29.03	7.94						

STATION NUMBER:A-36 DATE:15.08.1991
 LATITUDE:36 37 TIME: 02:25
 LONGITUDE:30 38 TOTAL DEPTH:330.0 m.

COD/TSS:0.39 TSS:2.00 SW/PH:
 SECCHI DISK: F.C.:0 m. 1

DEPTH	T	S	SI-T	DOP	DOW	PO4	NO3-N		
							I	Si	CHL-a
NO2-N									
0.	28.10	39.53	25.78	6.16		0.02	0.16	1.63	0.06
10.	28.16	39.54	25.76	6.55		0.02	0.20	1.61	0.06
20.	27.21	39.52	26.06	6.74		0.02	0.28	1.61	0.06
30.	26.33	39.50	26.33	6.97		0.02	0.04	1.58	0.07
50.	23.08	39.39	27.24	7.72		0.02	0.16	1.51	0.12
75.	21.59	39.32	27.63	7.95		0.02	0.12	1.51	0.18
100.	20.08	39.32	28.04	8.01		0.02	0.11	1.51	0.25
125.	18.00	39.27	28.55	8.33		0.02	0.28	1.51	
150.	17.41	39.26	28.69	8.30		0.02	0.16	1.51	
200.	16.38	39.23	28.91	8.24		0.02	0.83	1.80	
300.	15.72	39.17	29.02	8.06		0.02	1.51	2.23	

STATION NUMBER:A-37 DATE:15.08.1991
 LATITUDE:36 51 TIME: 20:50
 LONGITUDE:30 41 TOTAL DEPTH:84.0 m.

SW/Ig: TSS:6.50 SW/PH:
 SM/HII:0.0 F.C.:0 m. 0

DEPTH	T	S	SI-T	DOP	DOW	PO4	NO3-N		
							I	Si	CHL-a
NO2-N									
0.	28.68	39.35	25.44	6.48		0.03	0.52	2.48	0.21
5.	28.68	39.35	25.44	6.48		0.03	0.48	2.41	0.21
10.	28.68	39.37	25.46	6.52		0.03	0.48	2.41	0.21
15.	28.68	39.39	25.47	6.53		0.03	0.48	2.41	0.22
20.	28.47	39.47	25.60	6.52		0.03	0.48	2.41	0.22
25.	27.65	39.48	25.89	6.70		0.04	0.20	1.61	0.17
30.	26.93	39.55	26.18	6.90		0.04	0.12	1.68	0.33
40.	25.63	39.57	26.61	7.13		0.04	0.18	1.53	0.33
50.	23.85	39.45	27.07	7.45		0.04	0.12	1.68	0.33
70.	22.26	39.34	27.45	7.87		0.04	0.18	1.53	0.33

STATION NUMBER:A-38 DATE:14.08.1991
 LATITUDE:36 48 TIME: 23:35
 LONGITUDE:30 55 TOTAL DEPTH:67.0 m.

TSS:6.05 SW/PH:2.22 COD/TSS:0.12
 BOD-5:0.34 F.C.:0 m. 1

DEPTH	T	S	SI-T	DOP	DOW	PO4	NO3-N		CHL-a
							NO2-N	SI	
0.	28.26	39.54	25.73	6.48		0.02	0.13	1.16	0.09
10.	28.27	39.58	25.76	6.57		0.02	0.10	1.39	0.08
20.	27.83	39.56	25.89	6.61		0.02	0.17	1.53	0.07
30.	27.05	39.51	26.10	6.93				1.53	0.07
40.	26.37	39.51	26.32	6.92		0.02	0.17	1.53	0.12
60.	24.61	39.54	26.90	7.29		0.04	0.20	1.53	0.23

STATION NUMBER:A-39 DATE:14.08.1991
 LATITUDE:36 47 TIME: 22:17
 LONGITUDE:31 10 TOTAL DEPTH:55.0 m.

SW/Hg:1.1 TSS:4.70 SW/PH:2.38
 SM/Hg:1.2 F.C.:0 m. 0 SM/Cd:21.2

DEPTH	T	S	SI-T	DOP	DOW	PO4	NO3-N		CHL-a
							NO2-N	SI	
0.	28.18	39.56	25.77	6.43		0.02	0.10	1.39	0.11
10.	27.48	39.59	26.02	6.68					
20.	27.02	39.56	26.15	6.75		0.02	0.07	1.39	0.20
30.	26.68	39.55	26.26	6.84		0.02	0.10	1.39	0.21
50.	25.56	39.57	26.63	7.05		0.02	0.10	1.46	0.20

STATION NUMBER:A-40 DATE:14.08.1991
 LATITUDE:36 45 TIME: 21:15
 LONGITUDE:31 21 TOTAL DEPTH:58.0 m.

SW/Hg:1.7 TSS:1.65 SW/PH:2.22
 SM/Hg:1.6 F.C.:0 m. 0 SM/Cd:N.D

DEPTH	T	S	SI-T	DOP	DOW	PO4	NO3-N		CHL-a
							NO2-N	SI	
0.	28.43	39.59	25.71	6.37		0.02	0.07	1.16	0.06
5.	28.43	39.59	25.71	6.41					
10.	27.98	39.59	25.86	6.50					
15.	27.85	39.58	25.89	6.54					
20.	27.74	39.57	25.93	6.51		0.02	2.10	1.39	0.12
25.	27.13	39.62	26.16	6.65					
30.	26.82	39.54	26.21	6.73		0.02	0.13	1.39	0.18
50.	24.08	39.42	26.97	7.21		0.02	0.10	1.53	0.17

STATION NUMBER:A-41
LATITUDE:36 42
LONGITUDE:31 31

DATE:14.08.1991
TIME: 20:17
TOTAL DEPTH:69.0 m.

TSS:8.07
BOD-5:0.11

COD/TSS:0.36
F.C.:

SW/PH:

DEPTH	T	S	SI-T	DOP	DOW	POI	NO3-N		Si	CHL-a
							+	NO2-N		
0.	28.45	39.59	25.70	6.54		0.02	0.15	1.46	0.07	
5.	28.38	39.61	25.74	6.60		0.02	0.25	1.42	0.08	
10.	28.22	39.59	25.78	6.63		0.02	0.08	1.39	0.11	
15.	28.12	39.59	25.82	6.59		0.02	0.07	1.39	0.11	
20.	27.97	39.62	25.88	6.62		0.02	0.10	1.53	0.32	
25.	27.01	39.62	26.20	6.80		0.02	0.07	1.39	0.20	
30.	26.62	39.60	26.32	6.85		0.02	0.07	1.46	0.29	
40.	24.86	39.50	26.79	7.25		0.02	0.07	1.46	0.29	
50.	23.75	39.37	27.03	7.42		0.02	0.10	1.46	0.32	
60.	22.69	39.35	27.33	7.62		0.02	0.10	1.46	0.32	
70.	22.18	39.32	27.45	7.75						

STATION NUMBER:A-42
LATITUDE:36 31
LONGITUDE:32 00

DATE:14.08.1991
TIME: 12:50
TOTAL DEPTH:42.3 m.

SW/Hg:0.9
SM/Hg:0.4

SW/PH:2.78

SECCHI DISK:15 m.

SM/Cd:2.1

F.C.:0 m. 0

DEPTH	T	S	SI-T	DOP	DOW	POI	NO3-N		Si	CHL-a
							+	NO2-N		
0.	28.38	39.58	25.72	6.60		0.03	0.17	1.61	0.08	
5.	28.31	39.59	25.75	6.63		0.02	0.10	1.53	0.08	
10.	27.62	39.58	25.97	6.76		0.02	0.08	1.53	0.11	
15.	26.97	39.53	26.15	6.90		0.02	0.07	1.46	0.12	
20.	26.80	39.51	26.18	7.00		0.02	0.07	1.46	0.16	
25.	26.58	39.48	26.23	7.07		0.02	0.07	1.46	0.16	
30.	26.39	39.48	26.30	7.09		0.02	0.07	1.46	0.16	
40.	25.71	39.46	26.49	7.27		0.02	0.07	1.46	0.16	

STATION NUMBER:A-44

LATITUDE:36 16

LONGITUDE:33 53

DATE:13.08.1991

TIME: 02:15

TOTAL DEPTH:32.0 m.

SW/Hg:

BOD-5:0.69

TSS:2.88

F.C.:0 m. 0

SW/PH:

SM/HH:0.0

DEPTH	T	S	SI-T	DOP	DOW	PO4	NO3-N		Si	CHL-a
							NO2-N			
0.	28.72	39.61	25.63	5.87		0.03	0.20	1.90	0.27	
5.	28.72	39.61	25.63	5.77		0.04	0.25	1.82	0.25	
10.	28.66	39.63	25.66	5.77		0.04	0.29	2.04	0.49	
15.	28.06	39.63	25.87	5.85		0.04	0.19	1.82	0.66	
20.	26.80	39.62	26.27	6.08						
30.	26.48	39.51	26.29	6.10		0.04	0.29	2.04	0.49	

STATION NUMBER:A-45

LATITUDE:36 16

LONGITUDE:33 03

DATE:12.08.1991

TIME: 16:37

TOTAL DEPTH:47.0 m.

SW/Hg:1.1

SM/Hg:0.4

TSS:2.85

BOD-5:0.79

SW/PH:1.75

SM/Cd:1.89

COD/TSS:0.25

DEPTH	T	S	SI-T	DOP	DOW	PO4	NO3-N		Si	CHL-a
							NO2-N			
0.	27.86	39.57	25.89	6.36		0.03	0.29	1.16	0.23	
20.	27.21	39.61	26.13	6.39		0.04	0.26	1.46		
30.	27.01	39.59	26.18	6.37		0.04	0.26	1.53		
40.	26.10	39.61	26.49	6.47		0.03	0.44	1.61		

STATION NUMBER:A-16

DATE:10-08-91

LATITUDE:36 32

TIME:10:50

LONGITUDE:34 21

TOTAL DEPTH: 105.0 m.

SW/Hg:2.5

SW/PH:2.19

F.C.:0 m. 0

DEPTH	T	S	SI-T	DOP	DOW	PO4	NO3-N		CHL-a
							I	Si	
0.	27.14	39.57	26.03	6.85		0.03	0.87	1.21	0.12
10.	27.25	39.53	26.00	6.91		0.06	2.27	1.31	0.18
20.	26.54	39.51	26.27	7.09					
25.	26.27	39.48	26.34	7.06					
30.	26.10	39.47	26.39	7.09		0.09	1.51	1.31	0.16
40.	24.97	39.39	26.68	7.39					
50.	22.33	39.31	27.43	8.05		0.10		1.46	0.18
60.	21.57	39.31	27.62	8.11					
70.	21.20	39.30	27.72	8.17		0.06	1.95	1.31	
75.									0.36

STATION NUMBER:A-17

DATE:10-08-91

LATITUDE:36 44

TIME: 11:19

LONGITUDE:34 35

TOTAL DEPTH: 22.0 m.

TSS:1.48

COD/TSS:0.19

BOD-5:0.44

F.C.:0 m. 0

DEPTH	T	S	SI-T	DOP	DOW	PO4	NO3-N		CHL-a
							I	Si	
0.	27.85	39.58	25.89	6.77		0.05	0.22	1.20	0.21
5.	27.85	39.58	25.89	6.17					
10.	27.56	39.50	26.00	7.17		0.06	2.21	1.20	0.34
20.	27.32	39.56	26.06	7.15		0.03	0.25	1.17	0.22

STATION NUMBER:A-19

LATITUDE:36 45

LONGITUDE:34 38

DATE:10-08-91

TIME: 11:10

TOTAL DEPTH: 15.0 m.

SW/Hg:2.0

BOD-5:0.46

TSS:1.88

F.C.:0 m. 2

SW/PH:1.50

COD/TSS:0.26

DEPTH

T

S

SI-T

DOP

DOW

POI

N03-N

+ SI CHL-a

N02-N

0.	27.99	39.59	25.85	7.18
5.	27.99	39.59	25.85	7.34
10.	27.94	39.61	25.92	7.22

STATION NUMBER:A-49

LATITUDE:36 46

LONGITUDE:34 45

DATE:10-08-91

TIME: 15:19

TOTAL DEPTH: 10.0 m.

SW/Hg:1.6

F.C.:0 m. 0

TSS:1.29

BOD-5:0.19

SW/PH:1.57

SECCHI DISK:4.4

N03-N

DEPTH

T

S

SI-T

DOP

DOW

POI

N02-N

+ SI CHL-a

0.	.00	.00	.00	.00	0.03	0.25	3.21
10.	24.93	34.46	22.33	5.95	0.09	1.84	

STATION NUMBER:A-50

LATITUDE:36 45

LONGITUDE:34 48

DATE:10-08-91 ,

TIME:15:40

TOTAL DEPTH: 10.0 m.

TSS:2.60

BOD-5:0.78

SW/PH:

F.C.:0 m. 2

SECCHI DISK:4.0

COD/TSS:0.52

N03-N

DEPTH

T

S

SI-T

DOP

DOW

POI

N02-N

+ SI CHL-a

0.	28.98	38.95	25.04	7.28	0.06	0.36	3.11	1.50
10.	28.92	39.01	25.11	7.22	0.08	0.83	4.45	

STATION NUMBER:A-52

DATE:10-08-91

LATITUDE:36 31

TIME: 21:15

LONGITUDE:35 23

TOTAL DEPTH:14.0 m.

SW/Hg:3.3

TSS:1.92

SW/PH:3.13

F.C.:0 m. 0

DEPTH	T	S	SI-T	DOP	DOW	PO4	NO3-N		SI	CHL-a
							NO2-N	+		
0.	28.40	39.38	25.56	7.07			0.36	2.63	0.21	
5.	28.37	39.37	25.56	7.00			0.10	2.63		

STATION NUMBER:A-53

DATE: 10-08-91

LATITUDE:36 31

TIME: 22:30

LONGITUDE:35 34

TOTAL DEPTH: 40.0 m.

SW/Hg:

TSS:4.35

SW/PH:

SI/HH:0.0

F.C.:0 m. 2

DEPTH	T	S	SI-T	DOP	DOW	PO4	NO3-N		SI	CHL-a
							NO2-N	+		
0.	28.25	39.20	25.48	6.78			0.43	3.21		0.22
5.	28.25	39.20	25.48	6.82						
10.	28.22	39.21	25.49	6.84			0.69	3.14		0.18
15.	28.13	39.26	25.56	6.85						
20.	27.91	39.35	25.69	6.87			0.72	2.70		0.15
25.	27.25	39.35	25.92	7.04						
30.	27.24	39.33	25.91	6.71			3.61	3.53		

STATION NUMBER:A-54

DATE:11.08.1991

LATITUDE:36 40

TIME: 00:00

LONGITUDE:35 44

TOTAL DEPTH:52.0 m.

TSS:2.35

SW/PH:1.17

DEPTH	T	S	SI-T	DOP	DOW	PO4	NO3-N		SI	CHL-a
							NO2-N	+		
0.	28.10	39.30	25.60	6.95			2.06	3.28		
5.	28.10	39.30	25.60	6.80						
10.	28.11	39.30	25.60	6.81			4.58	3.32		
15.	28.11	39.30	25.60	6.74						
20.	28.10	39.30	25.60	6.74				3.28		
25.	28.04	39.31	25.63	6.73						
30.	27.55	39.59	26.00	6.79			2.45	1.61		
40.	26.64	39.55	26.27	6.95			0.10	1.90		

STATION NUMBER:A-55

DATE:11.08.1991

LATITUDE:36 44

TIME: 01:00

LONGITUDE:35 52

TOTAL DEPTH:45.0 m.

SW/Bg:2.7

TSS:3.00

SW/PH:1.50

BOD-5:0.49

F.C.:0 m. 2

DEPTH	T	S	SI-T	DOP	DOW	PO4	NO3-N		Si	CHL-a
							+	-		
0.	28.24	39.22	25.49	6.85			2.71	3.07	0.26	
5.	28.27	39.20	25.47	6.86						
10.	28.27	39.20	25.47	6.84			0.90	3.07	0.18	
15.	28.27	39.20	25.47	6.77						
20.	28.25	39.23	25.50	6.81			0.78	2.99	0.13	
25.	28.12	39.32	25.61	6.88						
30.	27.42	39.45	25.94	6.97			0.22	2.04	0.15	
40.							0.79	1.68	0.25	

STATION NUMBER:A-56

DATE:11.08.1991

LATITUDE:36 40

TIME: 06:37

LONGITUDE:35 58

TOTAL DEPTH:59.0 m.

SW/Bg:1.0

TSS:1.55

DEPTH	T	S	SI-T	DOP	DOW	PO4	NO3-N		Si	CHL-a
							+	-		
0.	28.31	39.29	25.52	7.56			0.02	1.72	2.85	
5.	28.37	39.29	25.51	6.82						
10.	28.37	39.29	25.51	6.68			0.01	4.67	2.85	
15.	28.36	39.29	25.51	6.70						
20.	28.11	39.28	25.58	6.74			0.01	4.67	2.85	
25.	27.94	39.29	25.65	6.72						
30.	27.79	39.51	25.86	6.78			0.02	1.55	1.97	
40.	27.65	39.58	25.96	6.80						
50.	27.25	39.58	26.09	6.78			0.02	6.32	1.46	

STATION NUMBER:A-57
LATITUDE:36 53
LONGITUDE:36 00

DATE:11.08.1991
TIME: 02:40
TOTAL DEPTH:18.0 m.

TSS:1.85

F.C.:0 m. 2

COD/TSS:0.17

DEPTH	T	S	SI-T	DOP	DOW	PO4	NO3-N			CHL-a
							+	Si	NO2-N	
0.	28.90	39.27	25.31	6.62			3.79	2.95	0.30	
5.	28.90	39.27	25.31	6.51						
10.	28.91	39.27	25.31	6.56		0.05	1.76	2.92	0.30	
15.	28.43	39.42	25.58	6.60						

STATION NUMBER:A-58
LATITUDE:36 47
LONGITUDE:36 09

DATE:11.08.1991
TIME: 03:45
TOTAL DEPTH:23.0 m.

TSS:2.09

DOD-5:0.49

F.C.:0 m. 2

COD/TSS:0.34

DEPTH	T	S	SI-T	DOP	DOW	PO4	NO3-N			CHL-a
							+	Si	NO2-N	
0.	29.12	39.20	25.19	7.02			0.10	1.57	3.43	0.32
5.	29.07	39.25	25.24	6.98						
10.	28.83	39.34	25.39	6.89		0.05	1.32	2.92	0.18	
20.	28.26	39.34	25.58	6.82		0.04	2.64	2.85	0.16	

STATION NUMBER:A-59
LATITUDE:36 38
LONGITUDE:36 08

DATE:11.08.1991
TIME: 05:25
TOTAL DEPTH:54.0 m.

SW/Hg:1.8

TSS:2.60

SW/FII:2.78

DEPTH	T	S	SI-T	DOP	DOW	PO4	NO3-N			CHL-a
							+	Si	NO2-N	
0.	28.49	39.30	25.47	6.18			0.04	0.35	2.85	0.15
5.	28.49	39.30	25.47	6.34						
10.	28.47	39.30	25.48	6.36		0.05	0.79	2.88	0.12	
15.	28.28	39.27	25.52	6.40						
20.	28.22	39.27	25.54	6.40						
25.	27.87	39.29	25.67	6.50						
30.	27.69	39.30	25.73	6.47		0.02	3.13	2.92	0.21	
50.	27.21	39.42	25.98	6.49		0.06	3.92	3.43	0.75	

STATION NUMBER: R-51
 LATITUDE: 36 40
 LONGITUDE: 34 30
 DATE: 12.08.1991
 TIME: 08:00
 TOTAL DEPTH: 570.0 m.

SECCHI DISK: 20.0 m.

DEPTH	T	S	SI-T	DOP	DOW	PO4	NO3-N		SI	CHL-a
							+	NO2-N		
0.	27.91	39.71	25.97	6.45		0.07	1.86	1.39		
5.	27.90	39.71	25.98	6.46						
10.	27.89	39.71	25.98	6.58		0.04	1.38	1.39		
20.	22.64	39.65	27.57	7.72						
30.	20.85	39.42	27.90	8.54		0.03	0.62	1.31		
50.	18.64	39.22	28.35	8.87		0.03	0.69	1.31		
75.	17.88	39.24	28.56	8.52		0.03	0.24	1.16		
100.	17.48	39.24	28.66	8.49		0.04	1.38	1.37		
125.	16.98	39.26	28.79	8.30		0.04	2.03	1.61		
150.	16.83	39.25	28.83	8.29		0.05	1.27	1.53		
200.	16.31	39.23	29.93	8.25		0.06	3.44	1.90		
250.	15.93	39.17	28.98	8.08						
300.	15.78	39.18	29.02	8.03		0.07	1.27	2.99		
400.	13.98	38.80	29.13	6.69		0.20	6.13	8.69		
500.	13.60	38.71	29.15	6.55						

STATION NUMBER: R-52
 LATITUDE: 36 00
 LONGITUDE: 33 30
 DATE: 13.08.1991
 TIME: 17:00
 TOTAL DEPTH: 382.0 m.

SW/Hg: TSS: SW/PH: SECCHI DISK: F.C.:

DEPTH	T	S	SI-T	DOP	DOW	PO4	NO3-N		SI	CHL-a
							+	NO2-N		
0.	28.09	39.66	25.87	6.40		0.03	0.17	1.31		
5.	27.77	39.62	25.95	6.60						
10.	27.50	39.62	26.04	6.50		0.02	0.17	1.31		
15.	26.71	39.77	26.41	6.69						
20.	25.99	39.48	26.42	6.91		0.02	0.12	1.31		
25.	25.32	39.47	26.63	7.05						
30.	24.64	39.51	26.86	7.18		0.02	0.13	1.39		
40.	22.40	39.39	27.44	7.79						
50.	21.40	39.38	27.72	7.92		0.02	0.13	1.31		
100.	18.11	39.18	28.45	8.60		0.02	0.15	1.31		
125.	17.33	39.24	28.69	8.46		0.02	0.13	1.39		
150.	16.96	39.26	28.80	8.22		0.03	0.15	1.39		
200.	16.37	39.24	29.93	8.05		0.02	1.01	1.82		
250.	16.04	39.23	28.99	8.07						
300.	15.66	39.15	29.03	7.83		0.04	1.68	2.52		
350.	15.10	39.01	29.08	7.79		0.04	1.44	2.77		

STATION NUMBER: R-53

DATE: 15.08.1991

LATITUDE: 36 30

TIME: 06:10

LONGITUDE: 31 00

TOTAL DEPTH: 1150.0 m.

SW/Bq: 0.5

TSS: 5.85

SW/PH:

SI/Bq: 0.3

SI/Cd: 1.0

DEPTH	T	S	SI-T	DOP	DOW	PO4	NO3-N		NO2-N
							T	SI	
0.	28.09	39.66	25.87	6.60		0.03	1.91	1.11	
5.	28.10	39.65	25.87	6.61					
10.	28.05	39.67	25.90	6.54		0.02	0.20	1.37	
15.	27.37	39.76	26.19	6.62					
20.	25.02	39.91	27.05	7.09		0.02	0.20	1.29	
25.	22.59	39.48	27.46	7.97					
30.	21.61	39.38	27.66	8.20		0.02	4.17	1.37	
40.	20.51	39.13	28.01	8.39					
50.	19.41	39.11	28.28	8.41		0.02	0.91	1.10	
60.	18.77	39.30	28.37	8.48					
70.	18.31	39.25	28.45	8.61					
75.	18.10	39.28	28.53	8.63		0.02	1.39	1.37	
80.	17.83	39.25	28.58	8.64					
90.	17.58	39.27	28.66	8.63					
100.	17.33	39.28	28.73	8.55		0.02	1.03	1.44	
125.	16.76	39.27	28.85	8.27					
150.	16.53	39.25	28.90	7.99		0.02	1.23	1.69	
200.	16.25	39.25	28.96	8.09		0.02	1.91	1.80	
250.	15.96	39.21	29.00	8.12					
300.	15.43	39.09	29.03	7.81					
400.	14.47	38.90	29.10	7.16		0.05	5.04	3.02	
500.	13.91	38.78	29.13	6.68		0.10	4.29	8.35	
600.	13.71	38.74	29.14	6.51					
700.	13.57	38.71	29.15	6.27					
750.	13.55	38.70	29.15	6.26		0.16	6.71	10.94	
800.	13.51	38.69	29.15	6.33					
900.	13.47	38.68	29.15	6.22					
1000.	13.43	38.67	29.15	6.25		0.21		10.86	

STATION NUMBER: R-54
 LATITUDE: 36 00
 LONGITUDE: 31 00
 DATE: 15.09.1991
 TIME: 12:15
 TOTAL DEPTH: 2000.0 m.

DEPTH	T	S	SI-T	DOP	DOW	POI	E	SI	CHL-a
							NO3-N		
							NO2-N		
0.	27.60	39.65	26.04	6.71		0.02	0.16	1.51	0.06
5.	27.33	39.65	26.12	6.71					
10.	23.47	40.87	28.25	7.45		0.02	0.16	1.51	0.06
15.	20.78	39.38	27.90	8.88					
20.	20.16	39.35	28.05	8.92					
25.	19.37	39.29	28.21	9.12					
30.	18.79	39.26	28.31	9.19		0.02	0.12	1.51	0.05
40.	17.89	39.24	28.55	9.21					
50.	17.46	39.24	28.66	9.20		0.02	0.12	1.55	0.09
60.	17.03	39.22	28.76	9.09					
70.	16.81	39.21	28.80	8.89					
75.	16.77	39.21	28.81	8.91		0.02	0.24	1.58	0.14
80.	16.65	39.21	28.84	8.92					
90.	16.53	39.21	28.86	8.70					
100.	16.43	39.21	28.89	8.61		0.02	0.20	1.65	0.22
125.	16.21	39.23	28.96	8.45					
150.	15.82	39.18	29.01	8.28					
200.	14.90	38.99	29.08	7.83		0.27	2.78	4.53	
250.	14.52	38.91	29.10	7.45					
300.	14.25	38.86	29.12	7.35					
400.	13.91	38.79	29.13	6.96		0.08	3.81	6.76	
500.	13.77	38.76	29.14	6.75		0.14	3.69	8.56	
600.	13.72	38.75	29.15	6.65		0.06	2.82	4.53	
700.	13.65	38.73	29.15	6.52					
800.	13.57	38.71	29.15	6.43		0.13	3.85	9.93	
900.	13.55	38.71	29.15	6.35					
1000.	13.51	38.70	29.15	6.23		0.16	5.61	8.20	

STATION NUMBER: R-55
 LATITUDE: 36 00
 LONGITUDE: 30 30
 DATE: 15.09.1991
 TIME: 16:40
 TOTAL DEPTH: 2000.0 m.

TSS: 5.10

DEPTH	T	S	SI-T	DOP	DOW	POF	NO3-N		CHL-a
							t	SI	
0.	28.41	39.66	25.77	6.80		0.03	0.16	1.51	
5.	28.40	39.61	25.76	6.78					
10.	27.79	39.67	25.99	6.80		0.02	0.16	1.40	
15.	27.60	39.71	26.07	6.77					
20.	26.50	39.77	26.48	7.01					
25.	24.61	39.84	27.13	7.52					
30.	22.91	39.57	27.44	8.15		0.02	0.16	1.37	
40.	21.58	39.37	27.67	8.48					
50.	20.95	39.34	27.82	8.57		0.02	0.16	1.37	
60.	20.09	39.31	28.03	8.67					
70.	18.93	39.22	28.27	9.07					
75.	18.51	39.27	28.42	9.16		0.02	0.16	1.44	
80.	18.17	39.22	28.46	9.26					
90.	17.66	39.24	28.61	9.12					
100.	17.42	39.25	28.68	8.98		0.02	0.20	1.51	
125.	16.73	39.24	28.84	8.46					
150.	16.47	39.23	28.89	8.43					
200.	16.16	39.24	28.98	8.40		0.02	3.50	1.47	
250.	15.81	39.18	29.01	8.41					
300.	15.09	39.03	29.06	8.00		0.07	5.96	3.78	
400.	14.30	38.88	29.12	7.32		0.16	0.24	6.33	
500.	13.93	38.80	29.14	6.97		0.03	6.51	1.51	
600.	13.75	38.76	29.15	6.93		0.18	6.99	8.83	
700.	13.61	38.72	29.15	6.44					
800.	13.54	38.70	29.15	6.36					
900.	13.48	38.69	29.15	6.33					
1000.	13.43	38.68	29.15	6.30		0.21	0.24	10.32	

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Çizelge 3. Ekim 1991 döneminde Kuzeydoğu Akdeniz'de Şekil 1'de gösterilen kıyı(A) ve referans(R) istasyonlarında istasyon bazında, yüzey sularında ve standart derinliklerde ölçülen fiziksel, biyokimyasal ve kirletici parametrelerle ait sonuçlar

STATION NUMBER:A-26 DATE:24.10.1991
 LATITUDE:36 49 TIME: 11:25
 LONGITUDE:28 16 TOTAL DEPTH:50.0 m.

SW/Hg:1.2 TSS:4.1 SW/PH:
 SM/Cd:N.D SM/Hg:0.31

DEPTH	T	S	SI-T	DOP	DOW	PO4-P	NO3-N		CHL-a
							I	Si	
0.	23.71	39.62	27.23	149.2		0.03	0.33	1.35	0.04
10.	23.70	39.59	27.21	272.6	217.3	0.02	0.30	1.84	
30.	23.35	39.56	27.30	271.3	216.9	0.02	0.27	1.84	0.07
50.	21.24	39.26	27.68	305.6	258.6	0.02	0.30	1.24	0.04

STATION NUMBER:A-27 DATE:24.10.1991
 LATITUDE:36 46 TIME: 15:00
 LONGITUDE:28 19 TOTAL DEPTH:35.0 m.

SW/Hg:1.2 TSS:0.94 SM/Hg:0.3
 Si/Cd:N.D E.C.:0 m. 0 pH:8.1

DEPTH	T	S	SI-T	DOP	DOW	PO4-P	NO3-N		CHL-a
							I	Si	
0.	23.71	39.62	27.23	149.2		0.02	0.33	1.57	0.05
10.	23.70	39.59	27.21	272.6	218.1	0.03	0.42	1.62	0.05
20.	23.46	39.57	27.27	276.6	215.6	0.02	0.33	1.68	0.02

STATION NUMBER:A-29

DATE:24.10.1991

LATITUDE:36 45

TIME: 10:30

LONGITUDE:28 35

TOTAL DEPTH:85.0 m.

COD/TSS:0.19

TSS:0.3

SW/FH:

pH:8.1

SECHI DISK:

NO3-N
DEPTH T S SI-T DOP DOW PO4-P + SI CHL-a
NO2-N

0.	23.76	28.70	18.95	198.6		0.02	0.21	1.84	0.01
10.	23.65	39.55	27.19	267.2	230.2	0.02	0.20	1.78	0.02
30.	23.56	39.54	27.22	270.7	237.0	0.02	0.21	1.73	0.02
50.	20.68	39.28	27.84	306.9	241.9	0.02	0.23	1.51	0.09

STATION NUMBER:A-29

DATE:24.10.1991

LATITUDE:36 43

TIME: 11:15

LONGITUDE:28 29

TOTAL DEPTH:245.0 m.

SW/Hg:1.5

TSS:0.9

SW/FH:0.01

SM/Hg:0.4

SM/cd:ND

NO3-N
DEPTH T S SI-T DOP DOW PO4-P + SI CHL-a
NO2-N

0.						0.02	0.33	1.35	0.04
10.				223.3		0.02	0.35	1.35	0.02
30.				216.8		0.02	0.32	1.35	0.05
50.				188.8		0.02	0.34	1.19	0.07

STATION NUMBER:A-32
 LATITUDE:36 13
 LONGITUDE:29 04
 DATE:24.10.1991
 TIME: 05:10
 TOTAL DEPTH:580.0 m.

COD/TSS:0.16 TSS:0.2 SW/PH:

DEPTH	T	S	SI-T	DOP	DOW	PO4-P	NO3-N		CHL-a
NO2-N									
0.	24.16	39.52	27.02			0.02	0.16	1.24	0.01
10.	24.17	39.61	27.09	283.8	215.7	0.02	0.14	1.24	
30.	24.15	39.61	27.09	267.6	212.8	0.02	0.12	1.19	0.03
50.	20.09	39.14	27.90	314.1	218.7	0.02	2.17	1.11	0.05

STATION NUMBER:A-31
 LATITUDE:36 41
 LONGITUDE:28 57
 DATE:24.10.1991
 TIME: 09:50
 TOTAL DEPTH:40.0 m.

SW/Hg:1.3 TSS:4.26 SW/PH:0.01
SM/Cd:4.00 SM/Hg:0.8

DEPTH	T	S	SI-T	DOP	DOW	PO4-P	NO3-N		CHL-a
NO2-N									
0.	20.73	38.48	27.27	219.8		0.01	0.17	1.71	0.20
10.	24.06	39.51	27.05	307.2	223.9	0.02	0.17	1.89	0.09
20.	23.95	39.55	27.11	303.5	216.4	0.02	0.11	1.68	0.08
30.	23.82	39.54	27.14	287.2	216.1	0.02	0.13	1.79	0.19

STATION NUMBER:A-30
 LATITUDE:36 40
 LONGITUDE:28 57
 DATE:24.10.1991
 TIME: 09:30
 TOTAL DEPTH:125.0 m.

SW/Hg:2.1 TSS:0.58 SW/PH:0.03
SM/Cd:3.02 SM/Hg:3.4 pH:8.31

DEPTH	T	S	SI-T	DOP	DOW	PO4-P	NO3-N		CHL-a
NO2-N									
0.	23.83	39.48	27.09		231.3	0.02	0.20	1.16	0.02
10.	23.82	39.56	27.15	292.5	218.6	0.02	0.19	1.16	0.05
20.	23.81	39.56	27.15	282.5	219.8	0.02	0.20	1.16	0.04
30.	23.80	39.56	27.16	272.6		0.02	0.17	2.00	0.13
50.	21.35	39.33	27.70	300.3	241.0	0.02	0.14	1.38	0.21
60.	19.50	39.24	28.13	308.8					

ODTU DENİZ FİSİKİSİ

STATION NUMBER:A-34 DATE:24.10.1991
LATITUDE:36 07 TIME: 00:30
LONGITUDE:29 57 TOTAL DEPTH:140.0 m.

SW/Hg:1.1 TSS:1.35 SW/PH:0.01
SM/Cd:2.02 F.C.:0 m 0 pH:8.1
SM/Hg:0.92

DEPTH	T	S	SI-T	DOP	DOW	PO4-P	NO3-N		CHL-a
							F	Si	
0.	24.26	39.52	26.99			0.02	0.46	1.40	0.02
10.	24.29	39.60	27.04		213.0	0.02	0.38	1.40	0.02
30.	24.23	39.61	27.07		213.2	0.02	0.35	1.40	0.04
50.	20.7	39.17	27.74		249.7	0.02	0.38	1.24	0.01

STATION NUMBER:A-33 DATE:24.10.1991
LATITUDE:36 06 TIME: 03:00
LONGITUDE:29 31 TOTAL DEPTH:200.0 m.

SW/Hg:1.8 TSS:0.48 SW/PH:0.01
SM/Cd:2.02 SM/Hg:0.51

DEPTH	T	S	SI-T	DOP	DOW	PO4-P	NO3-N		CHL-a
							F	Si	
0.	24.12	39.55	27.05			0.02	0.12	1.21	0.03
10.	24.14	39.61	27.09	294.8	214.8	0.02	0.12	1.21	0.03
30.	24.14	39.61	27.09	286.0	214.6	0.02	0.12	1.24	0.03
50.	21.12	39.38	27.80	305.6	238.6	0.02	0.16	1.13	0.05

STATION NUMBER:A-40 DATE:23.10.1991
 LATITUDE:36 45 TIME: 05:30
 LONGITUDE:31 21 TOTAL DEPTH:48.0 m.

SW/Hg:2.9 TSS:0.68 SW/PH:0.13
 F.C.:0 m. 0 COD/TSS:0.05

DEPTH	T	S	SI-T	DOP	DOW	PO4-P	NO3-N		Si	CHL-a
							NO2-N			
0.	24.69	39.38	26.75			0.02	0.18	1.40	0.05	
10.	24.75	39.60	26.90	260.7	211.1	0.02	0.18	1.30	0.03	
30.	24.82	39.70	26.95	259.1	209.9	0.02	0.15	1.13	0.03	

STATION NUMBER:A-41 DATE:23.10.1991
 LATITUDE:36 42 TIME: 04:20
 LONGITUDE:31 31 TOTAL DEPTH:75.0 m.

COD/TSS:0.03 TSS:1.52 SW/PH:
 F.C.:0 m. 0 SECHI DISK: pH:8.15

DEPTH	T	S	SI-T	DOP	DOW	PO4-P	NO3-N		Si	CHL-a
							NO2-N			
0.	24.84	39.32	26.66			0.02	0.15	1.58		
20.	25.04	39.72	26.90		212.1	0.02	0.15	1.19		
30.	24.89	39.71	26.94		220.6	0.02	0.15	1.19		
50.	24.50	39.62	27.00		215.5	0.02	0.15	1.19		

STATION NUMBER:A-42 DATE:22.10.1991
 LATITUDE:36 31 TIME: 23:30
 LONGITUDE:32 00 TOTAL DEPTH:63.0 m.

SW/Hg:3.0 TSS:0.83 SW/PH:0.03
 SM/Hg:3.7 F.C.:0 m. 0 SM/Cd:3.2

DEPTH	T	S	SI-T	DOP	DOW	PO4-P	NO3-N		Si	CHL-a
							NO2-N			
0.	24.93	39.16	26.51			0.02	0.15	1.31	0.03	
10.	24.92	39.70	26.92		217.0	0.02	0.25	1.25	0.01	
20.	24.94	39.70	26.92		212.7	0.02	0.15	1.25	0.01	
40.	24.89	39.69	26.93		212.6	0.02	0.15	1.25	0.02	

STATION NUMBER:A-45 DATE:16.10.1991
 LATITUDE:36 16 TIME: 19:00
 LONGITUDE:31 03 TOTAL DEPTH:60.0 m.

TSS:1.06 COD/TSS:0.43 F.C.:0 m. 0
 Si/Cd:5.66 Si/Hg:1.1

DEPTH	T	S	SI-T	DOP	DOW	PO4-P	NO3-N		Si	CHL-a
							NO2-N			
0.	26.03	39.65	26.54	180.8		0.04	0.38	2.01	0.04	
5.	26.03	39.65	26.54	181.7						
10.	25.98	39.65	26.56	179.5	209.7	0.02	0.35	1.91		
15.	25.92	39.69	26.60	180.8						
20.	25.91	39.70	26.61	182.0	210.6	0.02	0.34	1.57	0.06	
25.	25.91	39.70	26.62	182.9						
30.	25.90	39.71	26.62	181.4	221.8	0.02	0.34	1.54		
40.					210.1	0.02	0.34	1.52	0.10	

STATION NUMBER:A-43 DATE:17.10.1991
 LATITUDE:35 55 TIME: 00:40
 LONGITUDE:33 30 TOTAL DEPTH:1000.0 m.

SW/Hg:1.8 COD/TSS:0.10

DEPTH	T	S	SI-T	DOP	DOW	PO4-P	NO3-N		Si	CHL-a
							NO2-N			
0.	25.16	39.75	26.89	168.9		0.02	0.17	1.12		
10.	25.17	39.76	26.89	185.4	207.1	0.02	0.14	1.09		
30.	22.13	39.43	27.55	206.7	230.5	0.02	0.14	1.00		
50.	19.57	39.32	28.18	242.3	266.7	0.02	0.14	1.00		
75.	17.39	39.28	28.71	236.0	228.0	0.02	0.27	1.11		
100.	16.51	39.26	28.91	221.3	220.5	0.02	0.82	1.43		
150.	16.01	39.23	29.00	217.0	223.4	0.02	1.35	1.61		
200.	15.45	39.12	29.05	207.9	221.0	0.04	1.84	2.09		
250.	14.80	39.99	29.10	112.7	212.0	0.07	2.94	3.41		
300.	14.30	39.89	29.13	481.7	196.1	0.13	4.67	5.82		
400.					184.6	0.17	5.89	7.99		
500.					188.5	0.19	6.04	9.32		

STATION NUMBER:A-44 DATE:16.10.1991
 LATITUDE:36 17 TIME: 15:00
 LONGITUDE:33 53 TOTAL DEPTH:27.0 m.

COD/TSS:0.14 TSS: SW/EW:

DEPTH	T	S	SI-T	DOP	DOW	PO4-P	NO3-N		Si	CHL-a
							+	NO2-N		
0.	25.76	39.63	26.61	202.3						
5.	25.57	39.63	26.67	203.2	218.0	0.02	0.19	2.01		
10.	25.50	39.63	26.69	202.0						
15.	25.44	39.62	26.70	203.2	213.7	0.02	0.19	2.22		

STATION NUMBER:A-46 DATE:5.12.1991
 LATITUDE: TIME:11.30
 LONGITUDE: TOTAL DEPTH:25 m.

Hg/SW:2.3 pH:8.34 PAH:0.22

DEPTH	T	S	SI-T	DOP	DOW	PO4-P	NO3-N		Si	CHL-a
							+	NO2-N		
1.	23.32	39.59	27.33	4.30		0.02	0.99	1.36	0.34	
5.	23.30	39.62	27.36	4.28		0.02	0.16	1.14	0.10	
10.	23.27	39.63	27.37	4.24		0.02	0.38	1.23	0.08	
15.	23.26	39.64	27.38	4.20		0.02	0.12	1.14	0.08	
20.	23.25	39.64	27.39	4.25		0.02	0.26	1.14	0.04	
25.	23.22	39.64	27.39	4.23		0.02	0.26	1.23	0.09	
30.	23.21	39.64	27.40	4.20		0.02	0.19	1.05	0.07	
35.	23.20	39.64	27.40	4.24						
40.	23.18	39.63	27.40	4.24		0.02	0.19	1.05	0.07	
45.	23.17	39.63	27.40	4.22						
49.	23.17	39.63	27.40	4.24		0.02	0.46	1.05	0.09	

STATION NUMBER:A-49 DATE:5.12.1991
 LATITUDE: TIME:11.30
 LONGITUDE: TOTAL DEPTH:25 m.

TSS:19.5 BOD-5:0.47 pH:8.18
 COD/TSS:0.95 F.C.:0 m. 0 PAH:0.22

DEPTH	T	S	SI-T	DOP	DOW	PO4-P	NO3-N		Si	CHL-a
							+	NO2-N		
1.	19.23	38.91	27.9529	6.37		0.02	0.90	3.45		
5.	18.92	38.86	27.9910	6.42						
9.	17.92	38.71	28.1371	6.38		0.04	1.31	3.66		

STATION NUMBER:R-51
LATITUDE:36 00
LONGITUDE:34 30

DATE:15.10.1991
TIME: 06:10
TOTAL DEPTH:840.0 m.

DEPTH	T	S	SI-T	DOP	DOW	PO4-P	SECHI DISK:		
							NO3-N		
							+	Si	CHL-a
<hr/>									
0.	13.73	37.87	28.74	171.1		0.02	0.13	1.37	0.01
20.	24.36	39.56	26.99	202.9		0.02	0.15	1.34	0.01
50.	19.47	39.28	28.17	228.8		0.02	0.15	1.34	0.03
75.	17.43	39.16	28.61	232.9		0.02	0.14	1.23	0.07
100.	17.17	39.25	28.74	219.2		0.02	0.24	1.29	0.04
150.	16.65	39.29	28.89	212.9		0.02	0.70	1.50	
200.	16.16	39.21	28.95	197.3		0.03	1.07	1.89	
250.	15.88	39.19	29.00	156.7		0.05	1.69	1.45	
300.	15.60	39.16	29.04	279.1		0.07	0.36	2.39	
400.						0.15	4.93	7.23	
495.						0.20	5.98	9.50	

STATION NUMBER:R-52
LATITUDE:35 55
LONGITUDE:33 00

DATE:17.10.1991
TIME: 04:00
TOTAL DEPTH:1000.0 m.

DEPTH	T	S	SI-T	DOP	DOW	PO4-P	SECHI DISK:		
							NO3-N		
							+	Si	CHL-a
<hr/>									
0.	25.57	39.66	26.69	185.1		0.02	0.16	1.53	0.05
10.	25.58	39.66	26.69	184.5	205.9	0.02	0.16	1.48	0.03
30.	25.58	39.69	26.71	184.8		0.02	0.16	1.35	0.02
50.	23.44	39.47	27.20	196.1	212.9	0.02	0.16	1.10	0.05
75.	18.42	39.17	28.37	237.9	250.1	0.02	0.18	0.98	0.08
100.	17.46	39.26	28.67	225.1	235.7	0.02	0.26	1.10	0.05
150.	16.35	39.24	28.93	213.2	225.7	0.02	0.43	1.23	0.10
200.	16.01	39.23	29.00	212.3	222.4	0.03	1.39	1.73	
250.	15.57	39.17	29.06	208.9	223.2	0.06	1.94	2.26	
300.	14.75	38.99	29.11	266.3	209.9	0.13	3.51	3.98	
400.					188.0	0.21	5.99	7.82	
500.						0.25	6.61	9.51	

STATION NUMBER: R-53
 LATITUDE: 36 30
 LONGITUDE: 31 30

DATE: 23.10.1991

TIME: 15:35

TOTAL DEPTH: 1200.0 m.

DEPTH	T	S	SI-T	DOP	DOW	PO4-P	NO3-N			SECHI DISK:	
							SW/FH:				
							+	Si	CHL-a		
NO2-N											
0.	24.76	39.61	26.90			0.02	0.26	1.19			
20.	24.56	39.66	27.01			0.02	0.38	1.19			
50.	20.29	39.18	27.88			0.02	0.32	1.11			
75.	18.37	39.20	28.40			0.02	0.29	1.14			
100.	16.97	39.15	28.71			0.02	0.29	1.30			
150.	16.23	39.19	28.92			0.02	0.81	1.08			
200.	16.18	39.26	28.99			0.02	1.33	0.68			
300.	15.14	39.04	29.06			0.03	2.49	2.93			
400.	14.36	38.89	29.12			0.19	4.61	5.43			
600.	13.81	38.78	29.15			0.21	5.73	8.52			
800.	13.47	38.70	29.16			0.27	5.68	10.75			
1000.	13.41	38.69	29.17			0.31	5.76	11.46			

STATION NUMBER: R-54
 LATITUDE: 36 00
 LONGITUDE: 31 00

DATE: 22.10.1991

TIME: 11:40

TOTAL DEPTH: 2600.0 m.

SECHI DISK: 34 m.

DEPTH	T	S	SI-T	DOP	DOW	PO4-P	NO3-N			SECHI DISK:	
							SW/FH:				
							+	Si	CHL-a		
NO2-N											
0.	23.59	39.43	27.12			0.02	0.26	1.31			
20.	23.24	39.46	27.25		220.4	0.02	0.25	1.31			
50.	17.47	39.18	28.61		253.4	0.02	0.21	1.42			
75.	16.41	39.12	28.82		239.6	0.02	0.25	1.48			
100.	16.13	39.14	28.90		226.4	0.02	0.40	1.54			
150.	15.65	39.10	28.99		221.8	0.02	1.47	2.23			
200.	15.42	39.10	29.04		216.9	0.08	2.66	2.97			
300.	14.46	38.91	29.12		202.4	0.15	4.78	5.44			
400.	13.99	38.82	29.14		195.0	0.19	5.88	7.46			
500.	13.80	38.78	29.15		186.6	0.22	6.56	8.89			
600.	13.70	38.76	29.16		188.0	0.22	6.70	9.80			
1000.	13.52	38.71	29.16			0.22	6.54				

STATION NUMBER:R-55 DATE: 22.10.1991
 LATITUDE: 36 30 TIME: 08:30
 LONGITUDE: 30 30 TOTAL DEPTH: 2400.0 m.

DEPTH	T	S	SI-T	DOP	DOW	PO4-P	+	NO3-N			SECHI DISK:		
								NO2-N		SI	CHL-a <10	CHL-a <2	
0.	24.25	39.62	27.07					0.02	0.18	1.42	0.01	0.01 <0.01	
20.	23.90	39.62	27.18	303.5				0.02	0.18	1.36	0.01	0.01 <0.01	
50.	18.06	39.01	28.34	359.0				0.02	0.22	1.36	0.03	0.01 0.01	
75.	17.16	39.08	28.61	326.9				0.02	0.18	1.25	0.06	0.06 0.06	
100.	16.39	39.01	28.77	307.2				0.02	0.18	1.36	0.23	0.16 <0.01	
150.	16.03	39.13	28.92	278.8				0.04	1.15	1.94	0.07	0.02	
200.	15.99	39.21	29.00	289.1				0.04	1.24	1.94			
300.	15.02	39.02	29.07	269.1				0.07	2.17	3.03			
400.	14.25	38.87	29.13	259.1				0.13	4.78	5.33			
500.	13.91	38.80	29.15	248.5				0.18	5.86	7.28			
600.	13.71	38.76	29.16	244.1									
800.	13.61	38.73	29.16	243.8				0.22	6.61	10.50			
1000.	13.61	38.73	29.16	242.6				0.22	6.56	11.08			

STATION NUMBER:R-56 DATE: 10.10.1991
 LATITUDE: 36 00 TIME: 06:30
 LONGITUDE: 29 00 TOTAL DEPTH: 3000.0 m.

DEPTH	T	S	SI-T	DOP	DOW	PO4-P	+	NO3-N			SECHI DISK: 30 m.		
								NO2-N		SI	CHL-a	CHL-a	
0.	21.91	39.34	27.54	192.3	219.7	0.02	0.32	1.43	0.02				
20.	21.92	39.34	27.54	200.1	221.4	0.02	0.33	1.43	0.02				
50.	16.78	39.09	28.71	246.3	245.2	0.03	0.33	2.09	0.01				
75.	15.48	39.04	28.98	237.3	231.0	0.03	0.36	2.09	0.05				
100.	14.95	38.97	29.05	220.1	215.5	0.03	1.23	2.63	0.09				
150.	14.52	38.91	29.10	203.9	203.6	0.15	4.24	4.91	0.03				
200.	14.30	38.87	29.12	202.0	197.5	0.15	4.49	5.64					
300.	14.00	38.82	29.14	198.9	194.4	0.16	4.89	7.03					
400.	13.94	38.80	29.14	195.4	193.7	0.19	6.04	7.29					
500.	13.85	38.78	29.15	194.2	193.7	0.16	5.01	7.87					
750.	13.76	38.76	29.15	189.8	193.0	0.16	4.88	8.59					
1000.	13.63	38.73	29.15	187.3	186.8	0.22	5.75	9.53					

Çizelge-4. Nisan 1991 Döneminde Kaynak İstasyonlarda Suda Ölçülen Biyokimyasal ve Kirletici Parametreler.

İst.No	pH	F.C.	TAK	BOI	KOI	Toplam P	PO4-P	Toplam N	+ NO3	NO2		
										Hg	Cr	Pb
K-16 (GOKSU N.)	7.82	98	2.11	9.0	15.4	0.2	0.2	71.8	42.5	4.3	BDL	BDL
K-17 (LAMAS N.)	7.66	25	4.61	5.0	17.6	0.1	0.1	156.4	69.0	5.1	BDL	BDL
K-18 (MERSIN D.)	7.76	6.000.000	56.00	202.0	345.6	98.7	12.1	116.0	116.0	7.9	BDL	BDL
K-19 (TARSUS N.)	7.87	14.000	15.90	10.0	23.9	0.5	0.2	95.7	62.0	4.2	BDL	BDL
K-20/1 (SEYHAN N.)	7.92	6500	67.20	11.2	24.0	1.0	0.3	79.8	58.0	4.5	BDL	BDL
K-21 (CEYHAN N.)	8.70	3360	70.33	8.0	22.0	1.2	0.5	175.5	115.0	10.7	BDL	BDL
K-24/A (IDÇ-EV)	7.82	65000	50.75	53.0	56.4	27.0	27.0	2817.9	550.0	4.5	BDL	BDL
K-24/B (IDÇ-HADDE)	7.31	9600	11.50	11.0	131.2	2.9	2.8	81.5	4.5	2.4	BDL	BDL
K-25 (ISKENDERUN D.)	8.25	7000	40.60	48.6	168.0	96.6	96.6	226.1	4.9	6.4	BDL	BDL

NOTLAR: 1- Nisan, 1991 döneminde kaynak örneklerinin toplanmasında aksaklılıklar
olmuştur. SEKA-Akdeniz Muessesi bakım-onarımıda olduğu için desaj
havuzlarında atıksu olmaması nedeniyle ornekleme yapılamamıştır.

- 2- Toros Gubre Fabrikasında Korfez Krizi nedeniyle üretimde aksamalar
olduğundan ve ornekleme tarihinde üretim yapılmadığından, bu kuruluş
atıksularından ornekleme yapılmamıştır.
- 3- Ceyhan nehrinden daha önceki yıllarda ornekleme yapılan noktanın
50-100 m. daha aşağıdan ornekleme yapılmıştır. Bu nokta bagil olarak
daha temizdir.

Gizelge-5. Agustos 1991 Döneminde Kaynak İstasyonlarında Suda Ölçülen Biyokimyasal ve Kirletici Parametreler.

İst.No	pH	P.C.	TAR	PAR	BOI	KOI	PO4-P	Toplam P	NO3		Toplam Hg	Cd	Cr	Pb
									P	+ NO2	N			
R-15 (SERA)	7.5	----	45.50	1401.29	----	----	3.18	----	1.85	----	----	----	----	BDL BDL
R-16 (GÖRSU N.)	7.65	2110	31.38	11.51	7.0	504.4	0.13	----	55.65	----	3.1	0.30	----	BDL BDL
R-17 (LAMAS N.)	7.63	251	2.45	0.97	1.0	8.0	0.11	----	93.86	----	2.6	2.05	----	BDL BDL
R-18 (MERSİN D.)	7.54	8.160.000	86.67	237.45	84.0	211.2	66.0	----	----	----	8.9	0.53	----	BDL BDL
R-19 (TARSUS N.)	7.98	8500	4.38	24.11	5.0	224.0	5.68	----	307.0	----	4.2	0.30	----	BDL BDL
R-20/1 (SEYHAN N.)	8.51	714	18.83	34.64	5.0	528.0	1.65	----	37.25	----	6.9	2.29	----	BDL BDL
R-20/2 (ADANA D.)	7.74	1.450.000	114.25	26.04	4.0	33.92	11.3	----	196.1	----	2.4	1.47	4.43	BDL
R-21 (CEYHAN N.)	7.97	4896	49.85	87.57	7.0	105.6	0.91	----	120.7	----	2.7	0.15	0.40	BDL
R-23/A (TOROS-A)	10.67	12	91.80	42.00	2.0	61.6	20.8	----	1920.0	----	3.2	0.45	5.03	BDL
R-23/B (TOROS-B)	6.49	----	83.75	4450.00	17.0	501.6	17300	----	1067.5	----	2.5	0.09	----	BDL BDL
R-24/A (İDÇ-EV)	7.64	9180	8.80	18.06	31.0	176.0	13.0	----	3122.0	----	1.6	0.83	----	BDL BDL
R-24/B (İDÇ-HADE)	8.04	10200	----	130.15	61.0	158.4	4.20	----	9.96	----	6.9	1.45	----	BDL BDL
R-24/C (İDÇ-FAB.)	7.92	9180	32.00	64.35	41.0	281.6	3.10	----	370.0	----	4.5	2.13	----	BDL BDL
R-24/D (İDÇ-ROR)	10.26	----	330.90	145.36	28.0	580.8	6.40	----	83.9	----	2.2	1.45	----	BDL BDL
SARISERİ	8.20	6100	547.00	45.96	3.0	202.4	480.0	----	77.36	----	3.2	1.83	120.8	BDL
R-25 (İSKELEDERUN D.)	8.19	148.000	128.50	28.13	28.0	2569.6	24.0	----	6.73	----	4.7	3.05	30.2	BDL

Gizelge 6. Kasım-Aralık, 1991 Döneminde Kaynak İstasyonlarında Suda Ölçülen Biyokimyasal ve Kirletici Parametreler.

İst.No	pH	P.C.	TAR	PAR	BOI	KOI	PO4-P	Toplam P	NO3		Toplam Hg	Cd	Cr	Pb
									P	+ NO2	N			
R-15 (SERA)	7.48	240	65	376.0	----	----	----	----	----	----	----	----	----	BDL BDL
R-16 (GÖRSU N.)	7.34	2080	29.0	0.65	0.80	77.04	0.10	----	100.7	----	2.9	0.19	----	BDL BDL
R-17 (LAMAS N.)	7.61	220	38.6	2.03	1.50	42.80	0.03	----	118.8	----	2.8	0.20	----	BDL BDL
R-18 (MERSİN D.)	7.63	6860000	198.0	354.7	339.0	239.68	1.37	----	----	----	2.0	0.19	11.18	BDL
R-19 (TARSUS N.)	7.99	4500	13.4	13.43	6.2	128.40	1.72	----	111.0	----	1.0	0.38	46.98	BDL
R-20/1 (SEYHAN N.)	8.01	1100	97.1	0.18	2.7	51.36	1.49	----	100.0	----	4.2	ND	8.86	BDL
R-20/2 (ADANA D.)	7.57	2100000	36.0	14.25	17.8	231.12	2.12	----	10.0	----	2.3	0.47	----	BDL BDL

CIZELGE 7. Nisan, Agustos ve Kasim-Aralik, 1991 donemlerinde kaynak istasyonlarda
orneklenen sularda asili katida olculen agir metaller [SM/Hg (ng/L) ve
SM/Cd (ng/L)] halojenli hidrokarbonlar [HH(ng/L)]

Kaynak Istasyonu	Nisan, 1991			Agustos, 1991			Kasim-Aralik, 1991		
	SM/Hg	SM/Cd	HH	SM/Hg	SM/Cd	HH	SM/Hg	SM/Cd	HH
K-15 (SEKA Desarj)	---	---	---	1.1	166.7	N.D	---	---	N.D
K-16 (Goksu)	3.1	10.1	N.D	1.3	4.4	N.D	N.D	0.2	N.D
K-17 (Lamas)	N.D	6.1	N.D	0.8	2.8	N.D	2.1	3.7	N.D
K-18 (Mersin Desarj)	3.1	115.6	N.D	1.5	96.2	N.D	2.1	N.D	N.D
K-19 (Tarsus)	2.6	4.0	N.D	0.9	16.7	N.D	1.0	N.D	N.D
K-20/1 (Seyhan)	2.7	6.9	N.D	---	---	N.D	2.5	13.4	N.D
K-20/2 (Adana Des)	---	---	---	1.3	16.6	N.D	2.5	N.D	N.D
K-21 (Ceyhan)	---	16.2	N.D	1.9	33.3	N.D	---	---	---
K-23/A (Toros G. A)	3.2	24.3	N.D	2.8	37.5	N.D	---	---	---
K-23/B (Toros Gub.B)	---	---	---	9.1	700.6	N.D	---	---	---
K-24/1(Isdemir Des.)	---	56.6	N.D	1.2	149.6	N.D	---	---	---
K-24/2(Isdemir Had)	3.6	18.2	N.D	0.9	---	N.D	---	---	---
K-25 (Iskenderun Des)	49.5	3.1	N.D	37.5	199.9	N.D	---	---	---

CIZELGE 9. Mart, Temmuz-Agustos ve Eylül-Ekim Dönemlerinde Öneklenen Organizmalarda (Barbun ve Kefal) Bululan Ağız Metalleri (ng/g); Petrol Hidrokarbonları (PAH-org, ng/g)

Tarih	Bölge	Catal Boy(cm)	Toplam Aq.(gr)	Hg-org	Cd-org	PAH-org
Mart,1991	Mersin(B)	13.0	22.13	64.1	4.0	2.1
Mart,1991	Mersin(B)	13.7	33.00	21.6	3.0	----
Mart,1991	Mersin(B)	15.1	45.50	7.7	4.0	----
Mart,1991	Tırtır(B)	11.5	39.27	50.8	7.0	2.1
Mart,1991	Tırtır(B)	13.0	24.23	41.2	5.3	----
Temmuz,1991	Tırtır(B)	10.1	14.70	337.7	3.2	1.1
Temmuz-1991	Tırtır(B)	10.7	20.65	22.3	1.6	----
Agustos-1991	İskenderun(B)	13.3	39.60	236.7	5.4	0.1
Eylül-1991	Lamas-Tırtır(B)	11.7	25.30	26.2	3.0	0.1
Ekim-1991	Mersin Lim.(K)	25.2	210.30	23.6	3.9	2.8
Ekim-1991	Mersin Lim.(B)	15.2	68.80	130.3	N.D.	1.3
Ekim-1991	ATAS İskeler(K)	32.7	311.20	7.7	3.1	0.5

(B): Barbun

(K): Kefal

COD/KOI: Kimyasal Oksijen İhtiyacı (mg/L)
(deniz suyunda asılı katkıda, atık sularда suda)

SW/Hg: Suda Toplam Civa (ng/L)

SD/Hg: Sedimanda Toplam Civa ($\mu\text{g}/\text{kg}$, yaş ağırlık)

SM/Hg: Asılı katkıda Toplam Civa (ng/L)

Hg_{org}: Organizmada Toplam Civa (ng/L)

SW/Cd: Suda Kadmiyum (ng/L) (Sadece atık sularда)

SD/Cd: Sedimanda Kadmiyum ($\mu\text{g}/\text{kg}$, yaş ağırlık)

SM/Cd: Asılı katkıda Kadmiyum (ng/L)

Cd_{org}: Organizmada Kadmiyum (ng/L)

SW/PH, PAH_{su}: Suda Çözünmüş ve Süspansiyon halindeki Poliaromatik Petrol Hidrokarbonları ($\mu\text{g}/\text{L}$)

SD/PH: Sedimanda Poliaromatik Petrol Hidrokarbonları ($\mu\text{g}/\text{kg}$, yaş ağırlık)

PAH_{org}: Organizmada Poliaromatik Petrol Hidrokarbonları ($\mu\text{g}/\text{g}$)

FC: Fekal Koliform (Koli adedi/100 ml)

HH: Halojenli hidrokarbonlar; HH_{org}: Organizmada: ng/g

SM/HH: Asılı katkıda: ng/l

SD/HH: Sedimanda: ng/g (yaş ağırlık)